Diamond Drill Logs.

014961

Grum - Section 14W

Faga Holes 030

Vol. 1 of 3

DRILL HOLE	:	FAGA011
NORTHING	:	904,901.2
EASTING	:	592,217.0
ELEVATION	:	1,281.4
TOTAL DEPTH	:	249.9
SECTION	:	W 74
R.F.E.	:	S2
RFE DIRECTION:		230
PLUNGE ANGLE :		11
PLUNGE DIRECT:		312
DHD CALC:		1
SS CALC:		1

DETAIL RECORD COUNTS:

NOS CRE-SAMPLES:	23
NOS DOWN-H-SURVEYS:	5
NOS DOWN-H-LITHOLOGY:	95
NOS DOWN-H-STRUCTURE:	89
NOS DOWN-H-FAULTS:	20
NOS DOWN-H-SPLINES:	5
NOS COMPOSITES:	0

DDH: FAGA011 UTM-N: 904,901.2 UTM-E: 592,217.0 UTM-ELEV: 1,281.4 TOTAL DEPTH: 249.9 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTHS FROM	DEPTHS TO	SAMPLE NO.	INT.	REC.	ROCK UNIT	S.G. PULP	CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
115.5	116.0	08990	.5	.5	4C8	3.93	.24	1.90	2.70	39.00		.69	8	21	30						
116.0	116.3	08991	.3	.2	4G4	4.49	.07	4.80	9.00	94.00		.69		3	3						
116.3	116.8	08992	.5	.4	4E84	4.53	.15	6.90	4.60	96.00		1.23	1	36	38						
116.8	118.0	08993	1.2	1.1	4G4	4.51	.07	6.40	8.30	110.00		.62	2	13	15						
119.2	120.4	08994	1.2	1.2	4E81	3.65	.14	2.05	2.90	35.00		.62	6		6						
121.6	122.5	08995	.9	.9	4E#	3.89	.18	1.77	1.34	38.00		1.37	4	25	29						
123.9	127.7	90342	3.8	.0	4LO		.21	1.95	1.26		38.40	.34									
133.1	134.3	08996	1.2	1.1	4LH	3.12	.10	.65	.58	12.00		.34	9	4	14						
135.9	138.2	90343	2.3	.0	4LH		.03	.28	.27		7.50										
150.4	152.4	90344	2.0	.0	4EL4		.15	4.88	3.84		32.90	.34									
152.4	154.2	90345	1.8	.0	4EL4		.20	4.20	3.90		26.70	.17									
178.0	180.3	90346	2.3	.0	4GE4		.15	6.00	9.40		112.40	1.37									
180.2	182.6	90347	2.4	.0	4G4		.20	8.74	13.50		156.30	1.37									
211.2	211.8	08997	.6	.6	4E#	4.13	.30	1.91	2.40	35.00		1.17	2	30	33						
211.8	212.2	08998	.4	.3	4A3	3.60	.25	1.53	1.83	30.00		1.03	4	20	25						
212.2	212.9	08999	.7	.5	4E#4	4.20	.17	3.60	3.70	58.00		1.17	3	30	33						
212.9	214.6	09000	1.7	1.7	4A1	3.31	.19	.42	.76	13.00		.55	5	9	15						
222.1	223.1	09051	1.0	.9	4C7	3.68	.19	1.03	1.02	32.00	33.00	.27	13	12	26						
223.1	223.7	09052	.6	.6	4A1	2.91	.07	.12	.31	7.00		.27	4	3	8						
223.7	224.9	09053	1.2	1.2	4HO	3.72	.17	.42	.45	18.00		.41	13	16	29						
224.9	225.6	09054	.7	.6	4A1	3.10	.13	.36	.43	15.00		.27	3	9	12						
225.6	226.5	09055	.9	.5	4A14	3.22	.06	3.80	5.90	60.00		.75	2	6	9						
226.5	227.3	09056	.8	.8	4D4	3.34	.10	5.00	8.80	70.00		1.23	2	8	10						
WEIGHTED AVERAGE																					
115.5	118.0		2.5	2.2		4.39	.12	5.40	6.52	91.08		.76	3	18	21						
119.2	120.4		1.2	1.2		3.65	.14	2.05	2.90	35.00		.62	6		6						
121.6	122.5		.9	.9		3.89	.18	1.77	1.34	38.00		1.37	4	25	29						
123.9	127.7		3.8	.0			.21	1.95	1.26		38.40	.34									
133.1	134.3		1.2	1.1		3.12	.10	.65	.58	12.00		.34	9	4	14						
135.9	138.2		2.3	.0			.03	.28	.27		7.50										
150.4	154.2		3.8	.0			.17	4.55	3.86		29.96	.25									
178.0	180.3		2.3	.0			.15	6.00	9.40		112.40	1.37									
180.2	182.6		2.4	.0			.20	8.74	13.50		156.30	1.37									
211.2	214.6		3.4	3.1		3.67	.21	1.46	1.78	28.14		.84	4	18	23						
222.1	227.3		5.2	4.6		3.39	.12	1.78	2.76	34.28	6.34	.53	7	10	17						

DDH: FAGA011 UTM-N: 904,901.2 UTM-E: 592,217.0 UTM-ELEV: 1,281.4 TOTAL DEPTH: 249.9 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	175.300	67.000
121.900	172.200	74.000
182.900	171.700	53.000
237.700	170.000	83.000

12APR84 GRUM

DOWN-HOLE LITHOLOGY (DHO20)

DDH: FAGA011 UTM-N: 904,901.2 UTM-E: 592,217.0 UTM-ELEV: 1,281.4 TOTAL DEPTH: 249.9 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
3.7	0001	#		0.5-	1
19.2	0002	5B0		0.5-	1
21.2	0003	5A3	[5A3$]	0.5-	1
23.0	0004	5B0		0.5-	1
23.3	0005	5AC		0.5-	1
24.4	0006	5B0$	[5B0&]	0.5-	1
24.7	0007	5A3		0.5-	1
34.9	0008	5B0		0.5-	1
35.2	0009	5A3		0.5-	1
52.7	0010	5B80		0.5-	1
53.9	0011	5A3		0.5-	1
54.3	0012	5D6		0.5-	1
55.3	0013	5B2	&4	0.5-	1
56.1	0014	5A3		0.5-	1
62.2	0015	5B8		0.5-	1
62.5	0016	5A3		0.5-	1
66.1	0017	5B80		0.5-	1
66.4	0018	5C3		0.5-	1
66.9	0019	5B86		0.5-	1
67.0	0020	5C3		0.5-	1
70.9	0021	5B20	8 $?	0.5-	1
71.6	0022	5D6		0.5-	1
72.5	0023	5C*		0.5-	1
72.8	0024	5D6		0.5-	1
77.1	0025	5B20	8 $?	0.5-	1
78.7	0026	5A09		0.5-	1
79.6	0027	5B20	8 $?	0.5-	1
79.9	0028	5A09		0.5-	1
82.0	0029	5B20	8	0.5-	1
85.0	0030	5B2*	8	0.5-	1
86.6	0031	5A09		0.5-	1
88.1	0032	5B20	8	0.5-	1
91.3	0033	5B2*	&4	0.5-	1
95.6	0034	4L5	AFTER 5B*?	0.5-	1
96.9	0035	5B46		0.5-	1
101.1	0036	5B26	8*	0.5-	1
101.5	0037	5A3		0.5-	1
101.7	0038	5D6		0.5-	1
102.7	0039	5B24	6	0.5-	1
102.9	0040	5D*		0.5-	1
112.8	0041	5A39		0.5-	1
113.1	0042	5D*		0.5-	1
114.2	0043	5B21	6	0.5-	1
115.2	0044	5A3	(5D0)	0.5-	1
115.5	0045	10QC9		0.5-	1
116.0	0046	4C8		0.5-	1
116.3	0047	4G4		0.5-	1
116.6	0048	4E08		0.5-	1
116.8	0049	4E48	&6?	0.5-	1
118.0	0050	4G4		0.5-	1
119.2	0051	5C4&		0.5-	1

DDH: FAGA0011 UTM-N: 904,901.2 UTM-E: 592,217.0 UTM-ELEV: 1,281.4 TOTAL DEPTH: 249.9 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC		RECOVERY	INC
119.5	0052	4E0	&1 &8 &4		0.5-	1
120.0	0053	5C4&			0.5-	1
120.4	0054	4E81			0.5-	1
121.6	0055	5D4*			0.5-	1
122.5	0056	4E#	&4 (4L1 &4) MINOR		0.5-	1
124.8	0057	5D4@			0.5-	1
129.8	0058	4L0			0.5-	1
130.5	0059	5D0			0.5-	1
133.1	0060	5B46			0.5-	1
138.5	0061	4L0	(4H0) MINOR		0.5-	1
140.8	0062	5B6			0.5-	1
141.2	0063	4L24	(4E4) MINOR		0.5-	1
147.7	0064	5B2*			0.5-	1
148.9	0065	4L24	AFTER 5B		0.5-	1
150.4	0066	5B6	-> 5B26		0.5-	1
154.2	0067	4E4	(5D4*) [4EL]	NO CORE	0.5-	1
157.9	0068	5B*	(4L0) (10Q0) BOTH MINOR		0.5-	1
161.1	0069	5D0	(5D40) AT TOP		0.5-	1
166.4	0070	5B80			0.5-	1
168.9	0071	5D0			0.5-	1
172.1	0072	5B6$	&8 &C MINOR		0.5-	1
178.0	0073	5B6	&2		0.5-	1
179.5	0074	4G4		NO CORE	0.5-	1
180.4	0075	4E4		NO CORE	0.5-	1
182.6	0076	4G4		NO CORE	0.5-	1
182.9	0077	5D4*			0.5-	1
188.4	0078	5B6$	&2 [5A6 &9 IN 1980]		0.5-	1
198.7	0079	5B6	&2 [5B26 -> 5A6 DOWN]		0.5-	1
199.1	0080	5B6$	&8		0.5-	1
199.7	0081	5D4*	(5B8* ULTRA CO3)		0.5-	1
209.4	0082	5B6$	&8 [5B7@ IN 1980]		0.5-	1
211.2	0083	5B6	&2		0.5-	1
211.8	0084	4E#			0.5-	1
212.2	0085	4A3	&4		0.5-	1
212.9	0086	4E#			0.5-	1
214.6	0087	4A0	&4		0.5-	1
222.1	0088	5B6$	&2 [5B62$] [5A IN 1980]		0.5-	1
223.1	0089	4C7	(4H12 BXA)		0.5-	1
223.7	0090	4A0C	-> 5A0 ?		0.5-	1
224.9	0091	4H0	BXA		0.5-	1
225.6	0092	5B6			0.5-	1
227.4	0093	4D0	-> 4D4 (4A43)		0.5-	1
234.7	0094	3G0	[5B6 &4 (4L0)]		0.5-	1
249.9	0095	5B6$	&2 &0 TOWARDS E.O.I.		0.5-	1

DDH: FAGA011 UTM-N: 904,901.2 UTM-E: 592,217.0 UTM-ELEV: 1,281.4 TOTAL DEPTH: 249.9 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	S0 DIRECT	S1 ANGLE	S1 DIRECT	S2 ANGLE	S2 DIRECT	RFE CDE	DHDC	SDC	PROCESS
FAGA011	0.0	4.3	CS2		0	0	0	0	69	230	0	1	1	1
FAGA011	0.0	8.2	CS2		0	0	0	0	70	230	0	1	1	1
FAGA011	0.0	10.7	CS2		0	0	0	0	75	230	0	1	1	1
FAGA011	0.0	12.2	CS2		0	0	0	0	70	230	0	1	1	1
FAGA011	0.0	13.7	CS2		0	0	0	0	70	230	0	1	1	1
FAGA011	0.0	15.2	CS2		0	0	0	0	70	230	0	1	1	1
FAGA011	0.0	19.8	CS2		0	0	0	0	70	230	0	1	1	1
FAGA011	0.0	24.4	CS2		0	0	0	0	70	230	0	1	1	1
FAGA011	3.7	26.7	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGA011	0.0	29.0	CS2		0	0	0	0	76	230	0	1	1	1
FAGA011	26.7	31.9	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGA011	0.0	35.0	CS2		0	0	0	0	75	230	0	1	1	1
FAGA011	31.9	38.2	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGA011	0.0	41.1	CS2		0	0	0	0	73	230	0	1	1	1
FAGA011	0.0	45.8	CS2		0	0	0	0	74	230	0	1	1	1
FAGA011	38.2	48.5	CS2	M	0	0	0	0	0	0	0	1	1	1
FAGA011	0.0	50.3	CS2		0	0	0	0	66	230	0	1	1	1
FAGA011	48.5	52.6	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGA011	0.0	54.1	PS2		0	0	0	0	73	230	0	1	1	1
FAGA011	52.6	55.6	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGA011	0.0	56.2	CS2		0	0	0	0	70	230	0	1	1	1
FAGA011	55.6	59.6	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGA011	0.0	61.9	CS2		0	0	0	0	84	230	0	1	1	1
FAGA011	59.6	63.9	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGA011	0.0	65.6	CS2		0	0	0	0	72	230	0	1	1	1
FAGA011	0.0	68.3	CS2		0	0	0	0	77	230	0	1	1	1
FAGA011	0.0	73.8	CS2		0	0	0	0	71	230	0	1	1	1
FAGA011	63.9	74.4	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGA011	0.0	74.9	CS2		0	0	0	0	67	230	0	1	1	1
FAGA011	74.4	76.2	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGA011	0.0	77.1	CS2		0	0	0	0	72	230	0	1	1	1
FAGA011	76.2	78.2	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGA011	0.0	82.4	CS2		0	0	0	0	57	230	0	1	1	1
FAGA011	78.2	84.0	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGA011	0.0	84.4	CS2		0	0	0	0	70	230	0	1	1	1
FAGA011	84.0	84.7	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGA011	0.0	88.8	CS2		0	0	0	0	79	230	0	1	1	1
FAGA011	84.7	92.2	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGA011	0.0	93.1	CS2		0	0	0	0	75	230	0	1	1	1
FAGA011	92.2	93.9	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGA011	0.0	97.5	CS2		0	0	0	0	80	230	0	1	1	1
FAGA011	0.0	102.3	CS2		0	0	0	0	72	230	0	1	1	1
FAGA011	0.0	107.9	CS2		0	0	0	0	80	230	0	1	1	1
FAGA011	0.0	112.2	CS2		0	0	0	0	64	230	0	1	1	1
FAGA011	0.0	113.6	CS2		0	0	0	0	70	230	0	1	1	1
FAGA011	93.9	115.2	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGA011	0.0	118.1	PS2		0	0	0	0	70	230	0	1	1	1
FAGA011	0.0	122.7	PS2		0	0	0	0	70	230	0	1	1	1
FAGA011	0.0	126.8	PS2		0	0	0	0	78	230	0	1	1	1
FAGA011	115.2	128.6	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGA011	0.0	131.4	CS2		0	0	0	0	72	230	0	1	1	1

DDH: FAGA011 UTM-N: 904,901.2 UTM-E: 592,217.0 UTM-ELEV: 1,281.4 TOTAL DEPTH: 249.9 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	DIRECT	S1 ANGLE	DIRECT	S2 ANGLE	DIRECT	RFE CDE	DHDC	SDC	PROCESS
FAGA011	0.0	138.4	CS2		0	0	0	0	75	230	0	1	1	1
FAGA011	0.0	142.6	CS2		0	0	0	0	65	230	0	1	1	1
FAGA011	0.0	146.9	CS2		0	0	0	0	70	230	0	1	1	1
FAGA011	0.0	150.3	CS2		0	0	0	0	65	230	0	1	1	1
FAGA011	128.6	150.4	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGA011	150.4	154.2	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGA011	0.0	154.9	CS2		0	0	0	0	70	230	0	1	1	1
FAGA011	0.0	159.4	CS2		0	0	0	0	73	230	0	1	1	1
FAGA011	0.0	163.1	CS2		0	0	0	0	73	230	0	1	1	1
FAGA011	154.2	165.5	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGA011	0.0	166.0	CS2		0	0	0	0	72	230	0	1	1	1
FAGA011	165.5	166.4	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGA011	0.0	170.4	CS2		0	0	0	0	71	230	0	1	1	1
FAGA011	0.0	174.9	CS2		0	0	0	0	74	230	0	1	1	1
FAGA011	0.0	175.7	CS2		0	0	0	0	42	230	0	1	1	1
FAGA011	166.4	178.0	CS2	M	0	0	0	0	0	0	0	1	1	1
FAGA011	178.0	182.9	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGA011	0.0	183.2	CS2		0	0	0	0	73	230	0	1	1	1
FAGA011	0.0	187.8	CS2		0	0	0	0	72	230	0	1	1	1
FAGA011	0.0	192.5	CS2		0	0	0	0	65	230	0	1	1	1
FAGA011	0.0	196.6	CS2		0	0	0	0	66	230	0	1	1	1
FAGA011	0.0	201.2	CS2		0	0	0	0	75	230	0	1	1	1
FAGA011	0.0	205.3	CS2		0	0	0	0	70	230	0	1	1	1
FAGA011	0.0	209.7	CS2		0	0	0	0	70	230	0	1	1	1
FAGA011	182.9	211.2	CS2	M	0	0	0	0	0	0	0	1	1	1
FAGA011	211.2	214.6	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGA011	0.0	217.8	CS2		0	0	0	0	65	230	0	1	1	1
FAGA011	0.0	220.1	CS2		0	0	0	0	65	230	0	1	1	1
FAGA011	214.6	221.9	CS2	M	0	0	0	0	0	0	0	1	1	1
FAGA011	0.0	228.4	PS2		0	0	0	0	45	230	0	1	1	1
FAGA011	221.9	234.4	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGA011	0.0	234.9	CS2		0	0	0	0	67	230	0	1	1	1
FAGA011	234.4	235.6	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGA011	0.0	239.3	CS2		0	0	0	0	72	230	0	1	1	1
FAGA011	235.6	243.2	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGA011	0.0	243.8	CS2		0	0	0	0	74	230	0	1	1	1
FAGA011	0.0	248.4	CS2		0	0	0	0	80	230	0	1	1	1
FAGA011	243.2	249.9	CS2	M	0	0	0	0	0	0	0	1	1	1

DDH: FAGA011 UTM-N: 904,901.2 UTM-E: 592,217.0 UTM-ELEV: 1,281.4 TOTAL DEPTH: 249.9 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	REC CD	PARLL	UPPER PLANE		INTERNAL PLANE		LOWER PLANE		DHD
FAGA011	3.6	13.1	BP			0	0	0	0	0	0	1
FAGA011	13.1	19.2	B			0	0	0	0	0	0	1
FAGA011	23.0	23.2	B			0	0	0	0	0	0	1
FAGA011	52.7	53.9	B			0	0	0	0	0	0	1
FAGA011	54.3	55.3	B			0	0	0	0	0	0	1
FAGA011	56.0	60.9	B			0	0	0	0	0	0	1
FAGA011	66.4	66.8	B			0	0	0	0	0	0	1
FAGA011	115.5	116.0	BR?			0	0	0	0	0	0	1
FAGA011	117.9	119.1	Q			0	0	0	0	0	0	1
FAGA011	122.5	124.8	B			0	0	0	0	0	0	1
FAGA011	150.2	154.2	NNN			0	0	0	0	0	0	1
FAGA011	150.2	154.2	DX?			0	0	0	0	0	0	1
FAGA011	161.0	166.4	BP	2		0	0	0	0	0	0	1
FAGA011	178.0	182.8	NNN			0	0	0	0	0	0	1
FAGA011	210.6	211.2	G	2		0	0	0	0	0	0	1
FAGA011	221.8	225.5	D?			0	0	0	0	0	0	1
FAGA011	225.5	226.4	GB			0	0	0	0	0	0	1
FAGA011	227.3	231.1	B			0	0	0	0	0	0	1
FAGA011	225.5	231.6	F			0	0	0	0	0	0	1
FAGA011	231.8	234.3	BG			0	0	0	0	0	0	1

DDH: FAGAC11 UTM-N: 904,901.2 UTM-E: 592,217.0 UTM-ELEV: 1,281.4 TOTAL DEPTH: 249.9 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGAC11	1	2
FAGAC11	2	2
FAGAC11	3	2
FAGAC11	4	2
FAGAC11	5	1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 74-A11

Project: Grum Relog

Location: Vangorda Plateau

Claim:

UTM ~~Terr.~~ Plane Co-ords.: 6904901.2069 N

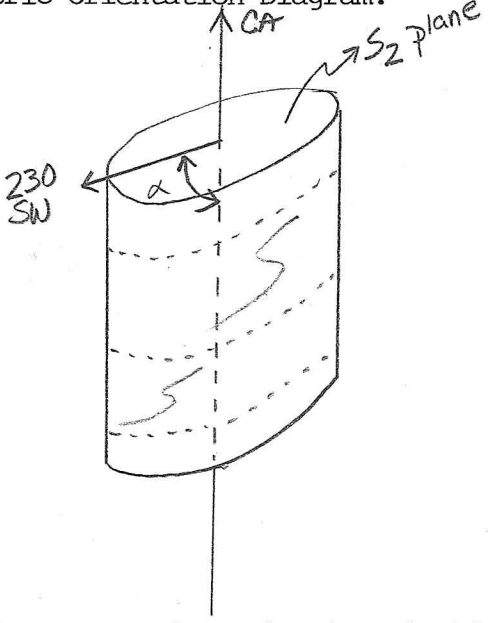
1979 HIW Survey (Orthophoto) 592216.9598 E

Grid Co-ords.: 74W/05

Elevation: 1281.44

Total Depth: 820 ft

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 7,8,9,11 1980

Drilling Contractor:

Core: Size From To Collar Cased and Capped:

Size	From	To	Collar Cased and Capped:
BQ	12	820	

Started: June 1, 1974 Completed: June 6, 1974

Cyprus Anvil Mining Corp.

Diamond Drill Core Log

DDH 75-A011
2 8

Code	Drillhole	Elevation	Northing	Easting	Comments
1	2 8	10 16	17 24	25 32	34 48
T	75-A011	12814.4	90491.2	59221.0	FEET

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2 8	10 14	22 26	28 32	34 56
R	75-A011	0.00	180.0	0.0	AT COLLAR
R	75-A011	200.0	175.3	67.0	SPERRY SUN
R	75-A011	400.0	172.2	74.0	
R	75-A011	600.0	171.7	53.0	
R	75-A011	780.0	170.0	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
		CORE MISSING F/MET TESTS

DDH 74-A011 (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	0000	0120	1		O/B note ~5ft core lost? in 1st 43ft
L	0120	0630	2	5B0	strongly calc, irreg cc veins, minor po blebs, QQO @ 60'
L	0630	0695	3	5A3	strongly calc, crenulations as in 4A but no sfds, only buff oxide
L	0695	0755	4	5B0	as unit 2
L	0755	0764	5	5A3	slightly calc, fractured
L	0764	0800	6	5B0	$FeCO_3^=$
L	0800	0811	7	5A3	strongly calc
L	0811	1145	8	5B0	as unit 2, QQO @ 102.5'
L	1145	1155	9	5A3	strongly calc, sharp ctcs, minor py
L	1155	1730	10	5B8	strongly calc, minor irreg cc. veins
L	1730	1770	11	5A3	broken
L	1770	1782	12	5D6	massive green
L	1782	1815	13	5B2	buggered interval: QQO, broken, 5B→4L
L	1815	1840	14	5A3	
L	1840	2040	15	5B8	abundant QQO w/ carbonate, broken rec. to 200'
L	2040	2050	16	5A3	strongly calc, sharp ctcs
L	2050	2167	17	5B8	strongly calc, not as green as 5B0 can be
L	2167	2179	18	~~5D3~~ 5C3	altered ash flow ~~crystal tuff~~? purod. texture; buff altered not fspar phenocrysts? (now $CO_3^=$) matrix chloritic w/ texture of flattened glass shards (?) Top + bottom of flow(?) = xl-poor, + strongly calc; center rich in xls + only slightly calc. "gritty" 5D, altered 5C?
L	2179	2194	19	5B8	6 broken
L	2194	2199	20	~~5D3~~ 5C3	as the top & bottom of unit 18, this is similar to mott "mottled" 5D
L	2199	2325	21	5B2	8 calc, strong color banding, occasional 1/4" bands of massive green 5D3, QQO @ 25.5
L	2325	2348	22	5D6	massive, lt. green. 0.5 ft QQO w/ $CO_3^=$ @ 233
L	2348	2377	23	~~5D6~~ 5C3	as unit 18 but non-calc. Center of flow(?) is "gritty" not w/ phenocrysts; top + bottom → mottled 5D
L	2377	2390	24	5D6	as unit 22
L	2390	2530	25	5B2	8 calc to strongly calc; as unit 21. Note both 21 & 25 have brown oxide staining. I'm assuming the Fe is from chlorite though when the stain is cleaned off w/ acid only minimal chlorite visible.
L	2530	2581	26	5A3	9 minor py 4A texture, sharp lower ctc.

DDH 74-AD11 (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	12581	12612	217	5B28	as units 21, 25 minor py blebs
L	12612	12622	218	5A39	as unit 26
L	12622	12790	219	5B28	as units 21, 25, 27 strongly calc to 272.3 then weakly calc, $FeCO_3^=$
L	12790	12840	310	5A39	as unit 26, 28 (5B21)
L	12840	12995	311	5B2	unit begins as 5B28 as unit 29 becomes more siliceous downward, w/ v. minor white mica also 287.5-288.5 CQO w/ $CO_3^=$ + dissem Py strongly calc to 289, then $FeCO_3^=$ irregular cc veins
L	12995	13136	312	4L10	I think this is altered 5B. Minor Fe oxide laminae + veining, minor Py blebs + stringers
L	13136	13180	313	5B46	gradual transition between units 32 + 34
L	13180	13317	314	5B26	only occasionally weakly calc — $FeCO_3^=$
L	13317	13330	315	5A3	
L	13330	13337	316	5D6	w/ qtz-carb veining
L	13337	13368	317	5B26	slight white mica devel + minor py could explain non-calc nature ie 5B246
L	13368	13376	318	5D3	massive lt. green w/ $FeCO_3^=$ bands
L	13376	13701	319	5A39	strongly calc minor Py
L	13701	13712	410	5D3	massive green altering orange, weakly calc ($FeCO_3^=$)
L	13712	13747	411	5B26	siliceous banding gives "whiter" color
L	13747	13780	412	5A3	minor interbd of 5D
L	13780	13790	413	0Q0	w/ carbonate + dissem Py
L	13790	13810	414	4C8	this is a grungy interval, note AL inclusions @ TOI, minor carbonate incl, v. minor red sphal + gal, 2- one inch mgt porphs @ 379.7; mgt blebs @ 380.5
L	13806	13814	415	4G4	nicely banded w/ 30-40% (?) Barite, 15-20% PbZn (?) honey sphal > gal, minor Py
L	13814	13827	416	4E8	1-2% (?) PbZn
L	13827	13833	417	4E4	(?) maybe 4E46 but too little matrix to be sure. orange + red sphal > galena, mgt porphs ~ 3mm. 30% sfd 15% (??) PbZn
L	13833	13870	418	4G4	as unit 45 Note: KA assays for units 44-48 12.84% PbZn
L	13870	13910	419	5C4	massive lt. green, altered slightly to sericite, w/ maciposite blebs

(5C: *=ANK)

DDH 74-A011 (2 — 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Logged By: JSM

Code	From	To	Unit	Code	Description
1	10 — 14	16 — 20	22 23	25 — 27	
					HIGHLY disrupted by OQD
L	3910	3922	50	4E0	minor orange sphal + gal, minor mgt (±1 ±8) ±4)
L	3922	3937	51	5C4	*ANK. as unit 49
L	3937	3950	52	4E8	//
L	3950	3988	53	5D4	this could be 4LO; definitely from 5D through most of the interval, questionable at end.
L	3988	4020	54	4E*	CALC ±4 3% PbZn + (4L ±4 @ 30cm H/W) 60% sfd, minor phyllite partings
L	4020	4095	55	5D4	unit grades from highly sericite altered, to massive lt. green w/ $FeCO_3^=$ + minor sericite, to mottled 5C/5D, to massive-banded green w/ sericite + minor py (broken core).
L	4095	4257	56	4L0	normal am't of py, some of this seems to be from 5D but indefinite. last 0.6ft from 5B?
L	4257	4280	57	5D3	massive green, weakly calc
L	4280	4368	58	5B4	6
L	4368	4545	59	4L0	as unit 56 w/ 0.3ft massive po @ 4453
L	4545	4620	60	5B6	1
L	4620	4634	61	4L2	4 mass py center of unit w/ sphal + gal (minor)
L	4634	4846	62	5B2	$FeCO_3^=$
L	4846	4884	63	4L2	4 altered 5B py w/ minor sphal, gal + cpy
L	4884	4935	64	5B6	→ 5B26 locally
L	4935	5060	65	4EL	? No core KA sample # 2565 "mass. sfd w/ thin partings of sericite phyllite. py, sphal, cpy locally sfd brxiated + recemented by sfd. Buff ankerite (?) in brxia zones." 8-9% PbZn
L	5060	5179	66	5B0	$FeCO_3^=$, 4L + OQD @ TOI minor py
L	5179	5284	67	5D3	5D34 @ TOI (massive buff orange), then massive-lt. green w/ rc bands
L	5284	5460	68	5B8	strongly calc 1.0ft rec. 535.7 - 541.0 1.0/5.3
L	5460	5540	69	5D3	strongly calc, massive lt. green
L	5540	5597	70	5B0	
L	5597	5609	71	5D3	possibly 5DB, green banded
L	5609	5645	72	5B0	
L	5645	5840	73	5B26	
L	5840	5890	74	4G4	No core KA samples # 2567, 2568
L	5890	5920	75	4E4	15-22% PbZn
L	5920	5990	76	4G4	

DDH 74-A011 (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	5990	6000	77	5C4	? No core "pale gr. mariposite sericite phyllite"
L	6000	6180	78	5A6	minor py
L	6180	6520	79	5B2	6 →5A @ EOI occasional QQD veins
L	6520	6533	80	5B6	
L	6533	6552	81	5D6	
L	6552	6870	82	5B7	only weakly calc ($FeCO_3$?) equally 5BD ?
L	6870	6930	83	5B0	weakly calc 691-693 : 6" QQD + mud. (fracture?)
L	6930	6950	84	4E*	5 CALC minor PbZn
L	6950	6962	85	4A2	±4 ~60% sfd (py) — 5% PbZn? KA assays
L	6962	6985	86	4E*	5 CALC Qtz unit, 84
L	6985	7044	87	4A1	±4 ~5% sfd (py)
L	7044	7287	88	5A3	
L	7287	7318	89	4C7	4CO w/ <5% PbZn → brxiated mass py + po w/ qtz + $CO_3^=$ clasts, minor late cpy [4K17?]
L	7318	7338	90	4A1	minor Py ONLY
L	7338	7380	91	4H0	mass po w/ qtz DQLO clasts, minor 5A interbd, minor brxiated py w/ $CO_3^=$ minor late cpy
L	7380	7410	92	4A6	brxiated w/ LOW py
L	7410	7460	93	4D0	→4D4 ~8% PbZn red sphal + gal. + (4A4) 5 LOCALLY BRECCIATED
					TOI to 743 gouged, pitted + broken
					EOI ~~minor~~ graphite (ie 4A4 w/ ~60% sfd)
L	7460	7583	94	5B6	minor sericite (ie white mica), minor QQD, broken rec.
L	7583	7620	95	4L0	760.7 - 769 broken core and gouge
L	7620	8200	96	5B0	→fault zone
					variably calc, minor QQD, minor interbed of 5D @795
					→5B2 locally
		EOH			

NOTE: CORRECTIONS TO THIS LOG BY GAS/DSJ IN AUG/82 (see next page)

DDH EAGAOL1 (2 Reloy 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Page _____ of _____

Date: 29 Aug 82 Logged By: GAT / DSJ

	Code	From	To	Recov.	No.	Unit	Description
	1	10 14	16 20	22 24	26 28	30 34	35
1	L	1689 / 5540	1721 / 5615			5B1G*	±0-8 minor calcite, dol dominant
2	L	1721 / 5615	1780 / 5840			5B1G	±2 ; top cast & shrd looking @ 504.5 - 565.0 but adj to 000's not reliable ; all meta'y textures normal, intact ; only candidate for sym-meta'y fault = 564.5 brecc'n, snt conglomerate or such eggs Strip Sulfides & SC'd
3	L	1829 / 6000	1884 / 6180			5B1G*	±2 dk gray more carb.
4	L	6180	6520	198.7		5B1G	±2 lighter gray [360 ±9] non-dol.
5	L	6520	6530	199.0		5B1G*	±8 dol heavily carbonated — poss. fault separating this from above unit thru rubble zone @ contact
6	L	6530	6552	199.7		5D1G*	(588* ultra carbonated)
7	L	6552	6870	209.4		5B1G*	±8 as previous unit, ultra carbonated ea. lt. whitish gray w/ buff weath. lithons ; 8 minor
8	L	6870	6930	211.2		5B1G	±2 m. gray, minor 2 no carbonate) fault 691-693 6" rec'd undet.
							Sampled Sulfides
		12146					
9	L	7041	7287	222.1		5B1G*	±2 [5862*] dk. gy → blk 5% folia 1-2cm. thick c.f. 1st unit 554-564.5 not as dol. from 717 → EOI
							Sampled Sulfides
		12127.4	1234.7				
	L	7460	7700			3G0	v. bkn. & gouged — reworked Mak. Relwin structure ? ; lower approx
	L	7710	8200 (249.9 C)			5A1G*	dol excell ± 2 thin dk. gray 5% 11 folia & excell lithon struct. wkly calc. → base of interval cut only locally (799 to 803-804) clearly dol. dom. — OK for EO, but dolomitic

Same as this

DDH 74-A01.1 (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		120					OB
S		140	CS2			69 230	S region 12.0 - 87.7
S		270	CS2			70 230	minor Z sym and abundant D sym.
S		350	CS2			75 230	I think S_2 is shifting orientation
S		400	CS2			70 230	or S_1+S_2 shift around. down dip
S		450	CS2			70 230	sym
S		500	CS2			70 230	
S		650	CS2			70 230	
S		800	CS2			70 230	
S		877	F2	E			Z region 87.7 - 104.7
S		950	CS2			76 230	minor S & D sym
S		1047	F2	3			S region 104.7 - 125.4
S		1147	CS2			75 230	scattered D sym
S		1254	F2				M region 125.4 - 159.0
S		1350	CS2			73 230	65% S 35% Z scattered D
S		1502	CS2			74 230	
S		1590	F2	M			Z region 159.0 - 172.5
S		1649	CS2			66 230	
S		1725	F2	Z			P region 172.5 - 182.5
S		1776	PS2			73 230	
S		1825	F2	P			Z region 182.5 - 195.4
S		1844	CS2			70 230	
S		1954	F2	3			S region 195.4 - 209.6
S		2030	CS2			84 230	
S		2096	F2	E			Z region 209.6 - 244.0
S		2152	CS2			72 230	mottled + arilly SD w/ no crenulations
S		2240	CS2			77 230	included in this interval
S		2420	CS2			71 230	
S		2440	F2	3			S region 244.0 - 250.0
S		2458	CS2			67 230	
S		2500	F2	E			Z region 250.0 - 256.4
S		2530	CS2			72 230	
S		2564	F2	3			S region 256.4 - 275.6
S		2702	CS2			57 230	
S		2756	F2	E			Z region 275.6 - 279.0
S		2770	CS2			70 230	

DDH 74-A011 (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		2780	F2	3			S region 2780 - 302.5
S		2915	CS2			79 2310	
S		3025	F2	E			Z region 302.5 - 308.2
S		3055	CS2			75 2310	
S		3082	F2	3			S region 308.2 - 378.0
S		3210	CS2			80 2310	
S		3356	CS2			72 2310	
S		3540	CS2			80 2310	
S		3680	CS2			64 2310	
S		3728	CS2			70 2310	
S		3780	F2	S			R region 378.0 - 421.9
S		3875	PS2			70 2310	sfds + 4L
S		4026	PS2			70 2310	
S		4160	PS2			78 2310	
S		4219	F2	R			S region 421.9 - 493.5
S		4310	CS2			72 2310	
S		4540	CS2			75 2310	
S		4680	CS2			65 2310	
S		4820	CS2			70 2310	
S		4930	CS2			65 2310	
S		4935	F2	S			No core No sym sfd met test
S		5060	F2	R			∴ prob. "R" P 493.5 - 506
S		5083	CS2			70 2310	S region 506.0 - 543.0
S		5230	CS2			73 2310	
S		5350	CS2			73 2310	
S		5430	F2	E			Z region 5430 - 546.0
S		5445	CS2			72 2310	
S		5460	F2	Z			M region 546.0 - 584
S		5590	CS2			71 2310	not many observations, S, Z + P
S		5738	CS2			74 2310	
S		5765	CS2			42 2310	
S		5840	F2	M			No core NO sym sfds, prob. "R" P 584-600
S		6000	F2	R			M region 600.0 - 693
S		6010	CS2			73 2310	not many obs. S, Z + P
S		6160	CS2			72 2310	

DDH 74-A01 (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	631	6 CS2				65 230	
S	645	0 CS2				66 230	
S	660	0 CS2				75 230	
S	673	5 CS2				70 230	
S	688	0 CS2				70 230	
S	693	0 F2	M				R region 693.0 - 704
S	704	0 F2	R				M region 704 - 728
S	714	5 CS2				65 230	
S	722	0 CS2				65 230	
S	728	0 F2	M				R region 728 - 769
S	749	5 PS2				45 230	FAULT ZONE 760.7 - 769
S	769	0 F2	R				maybe even 740.0 - 769
							Z region 769.0 - 773.0
S	770	6 CS2				67 230	
S	773	0 F2	3				S region 773.0 - 798
S	785	0 CS2				72 230	
S	798	0 F2	S				M region 798 - 820
S	800	0 CS2				74 230	
S	815	0 CS2				80 230	
S	820	0					EOH

LOGGED 1980 / CHECKED & ASSAYED 1981

DDH FAGA011 (2 / 8) Cyprus Anvil Mining Corp Page ____ of ____

ASSAY LOG (SAMPLER'S COPY) Date 7 Aug/81 Sampled by ____ ~~Logged~~ CHECKED by GG

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
P	3179.0	3806	89910	1.6	1.6	4C8	
P	3806	3814	89911	0.8	0.6	4G4	
P	3814	3833	89912	1.9	1.6	4E8	+(4E84)
P	3833	3870	89913	3.7	3.7	4G4	
	3870	3911.0	———	40		5C4	LOW GRADE NOT SAMPLED // ASSAY = 0%
P	3911.0	3950	89914	40	39	4E0	±1±8±4 +(5C4*-ANK)
	3950	3988	———	38		5D4	LOW GRADE NOT SAMPLED // ASSAY = 0%
P	3988	4020	89915	32	29	4E*	+(4L1±4)
P	4065	4119.0	25612	12.5		4L0	+(5D4) // LOW GRADE - NOT SAMPLED SEE K.A. LOGS.
P	4136.8	4140.6	89916	3.8	3.9	4L0	±4 5 REMAINDER OF 4L0 BARREN
P	4458	4535	25614	7.7		4L0	LOW GRADE - NOT SAMPLED SEE K.A. LOGS.
P	4735	5010.0	25615	6.5		4EL	?) WHOLE CORE SAMPLED BY K.A.
P	5010.6.0	5010.6.0	25616	6.0		4EL	?) SEE K.A. LOGS (ASSAY GIVEN FOR Pb, Zn, Ag, Au, Cu)
P	5184.0	5191.5	25617	7.5		4G4	+(4E4) } WHOLE CORE SAMPLED BY K.A.
P	5191.5	5197.0	25618	7.5		4G4	+(4E4) } SEE K.A. LOGS.
	5197.0	6100.0	———	1.0		5C4	→ NO ASSAYS GIVEN - ASSUME 0%
P	6930	6950	89917	2.0	2.0	4E*	
P	6950	6962	89918	1.2	1.0.9	4A1	±4
P	6962	6985	89919	2.3	1.8	4E*	
P	6985	7041	91010	5.6	5.6	4A1	±4
P	7287	7318	91051	3.1	3.1	4C7	
P	7318	7338	91052	2.0	1.9	4A1	
P	7338	7380	91053	4.2	4.2	4H0	BRECCIA
P	7380	7400	91054	2.0	2.0	4A1	
P	7400	7430	91055	3.0	1.8	1*	- DOMINANTLY GOUGE ZONE WITH 4D4 CLASTS
P	7430	7460	91056	3.0	2.5	4D4	+(4A4)

END OF HOLE @ 820 ft.

DDH 74-A.D.11 (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	13719 0	13870	125159	KA	8.0	N.A.	4C8, 4G4, 4E0, 4E4, 4G4
P	13905	13955	125160	KA	5.0		4E0, 5D4, 4E8
P	13985	14025	125161	KA	4.0		4C0
P	14065	14190	125162	KA	12.5		5D4, 4L0
P	14370	14410	125163	KA	4.0		4L0 ? intervals
P	14320	14535	125164	KA	21.5		5B46, 4L0 ? screened
P	14935	15000	125165	KA	6.5		* 4EL ?
P	15000	15065	125166	KA	6.5		* 4EL ?
P	15840	15915	125167	KA	7.5		*4G4, 4E4
P	15915	15998	125168	KA	7.5		*4E4, 4G4
P	16930	17000	125169	KA	7.0		4E0, 4A0, 4E0, 4A0
P	17000	17040	125170	KA	4.0		4A0
P	17280	17365	125171	KA	8.5		4CH, 5A0, 4H0
P	17365	17450	125172	KA	8.5		4H0 5B6 4D0

? ? ?

* No core KA met tests

NOTE: KA 2562 - 2568 assay tags replaced in DDH DATA BASE by 90342 - 90347

NOTE: DDH DATA BASE intervals for Assays commonly disagree with lith logs by 0.1m Manual rounding errors for assay intervals when converting from feet

DDH FAGA.01.L (2 – 8) Cyprus Anvil Mining Corp. Page _____ of _____

Structural Log Date: _____ Logged By: _____

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	
F	1120	1430	BP					
F	1430	1630	B					
F	1715	1764	B					
F	1730	1770	B					
F	1782	1815	B					
F	1840	2000	B					
F	2179	2194	B					
F	3790	3806	BR?					
F	3870	3910	Q					
F	4022	4095	G					
F	4930	5060	N N N					
F	5284	5460	BP	2				
F	5840	6000	N N N					
F	6910	6930	G	2				
F	7280	7400	D ?					
F	7400	7430	GB					
F	7460	7583	B					
F	7607	7690	BG					
F	7400	7600	F					
F	4930	5060	DX?					

C.A.M.C. 1981 – E – 4

DIAMOND DRILL RECORD

LOGGED BY Stanley Reamsbottom

PROPERTY Vangorda - Kerr Addison - AEX - Joint Venture

D.D.H. No. A - 11 PAGE 1 of 5

LATITUDE 10 696.65 N 0+00 BEARING OF HOLE STARTED June 1/ 1974

CLAIM No.

DEPARTURE 7521.19 E 74W DIP OF HOLE -90° COMPLETED June 6/ 1974

724.4 P.A. Topog.

ELEVATION 4197 A.S.L. DIP TESTS DEPTH 820' (249.94m)

(1292.05m)

N

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY
0	12	Overburden					
12	44	Pale grey greenish, quartzo-feldspathic, sericite-chlorite mica phyllite. White calcite veins. Specks of brown ankerite? Blebs pyrite up to 0.5". Core angles: 20' - 75; 40' - 72; F_1 locally high angles F_2					
44	62.5	Same phyllite. 1/2" pyrrhotite blebs at 46'. Greenish cast due to chlorite, F_1 layers opp. dip. to F_2 at 55'.					
62.5	82	Black quartzo-feldspathic, striped graphitic phyllite, leaf pyrite in foliation. Sericite rich zone at 75' (2').					
82	173.2	Grey phyllite. Greenish cast due to chlorite. F_1 layers defined by quartzo-feldspathic laminae. Pyrite in foliation, blebs pyrrhotite (1/2"). Graphitic unit 114' - 116'. White calcite veins. 122'-F_1 opp. dip. F_2 Core angles: 100'-70°; 120'-75°; 140'-75°; 160'-74°; 180'-71°; 200'-76°					
173.2	184.5	Black graphitic phyllite 6" quartz veins with green chlorite. 2' section of grey phyllite at 181'.					
184.5	232	Striped grey phyllite (ch-sericite). Mottled sericite rich unit (1.5') at 217'. Black graphitic zones (1/2") in last 10'. Pyrite blebs.					
232	240	Pale, bleached, grey-green sericite phyllite. Buff ankerite at 234'. Mottled, chlorite rich at 237'.					
240	254	Grey phyllite. Thin quartzo-feldspathic laminae, calcite ankerite veins (1/4"). F_1 locally subvert to F_2. Blebs of pyrite.					
254	262	Black contorted graphitic phyllite. core angles: 220-78°; 240-73°; 260-72°					

DIAMOND DRILL RECORD

LOGGED BY Stanley Reamsbottom

PROPERTY

LATITUDE BEARING OF HOLE STARTED

DEPARTURE DIP OF HOLE COMPLETED

ELEVATION DIP TESTS DEPTH Proposed: Ultimate:

D.D.H. No. A - 11 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	
262	279	Grey phyllite. Good F_2, F_1 F.A. subhorizontal in foliation. Blebs pyrite, pyrrhotite. Subisoclinal F_1 at 274'														
279	284	Black graphitic phyllite - rock locally looks granulated - mylonized?														
284	292	Grey phyllite.														
292	318	Pale bleached sericite phyllite. Thin veins of buff ankerite? and calcite. Minor chlorite. Leaf pyrite in foliation.														
318	331	Gray phyllite.														
331	371	Black graphitic phyllite with zones of grey-green chloritic phyllite 1-2' wide. F_1 locally subvertical to F_2.														
371	376	Pale grey sericite phyllite.														
376	378	Black graphitic phyllite.														
378	379	Sericite phyllite.														
379	387	MASSIVE SULPHIDE. Pyrite, sphalerite, chalcopyrite. Banded, with white barite alternating with pyrite-sphalerite laminae 2-3 mm wide.		2559	115.5' 379.0	117.9' 387.0	8.0'	6.0	6.84	2.70	.02	.12	48.0	54.72	21.6	(plot)
387	391	Pale white to greenish sericite chlorite phyllite. Buff ankerite? + quartz veins. Minor galena.	3.5		387.0	390.5										
391	395	Two bands (1-2') of massive pyritic sulphide - pyrite, sphalerite galena - in sericite phyllite. Note post mineralization small scale faults.		2560	390.5 119.0	395.5 120.5	5.0'	2.10	2.58	1.28	.01	.15	10.5	12.9	6.4	(plot)
				WT. Av.	379.0	395.5	16.5	3.55	4.10	1.7	(58.2)		58.5	67.62	28.0	
395	399	Sericite phyllite - white carbonate in clay? veins bleached.	3.0		395.5	398.5										

DIAMOND DRILL RECORD

LOGGED BY Stanley Reamsbottom

PROPERTY

LATITUDE BEARING OF HOLE STARTED

DEPARTURE DIP OF HOLE COMPLETED

ELEVATION DIP TESTS DEPTH Proposed: Ultimate:

D.D.H. No. A - 11 PAGE 3 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	
399	402	MASSIVE SULPHIDE banded, locally brecciated: pyrite, sphalerite, galena, chalcopyrite. Note chalcopyrite in late tension fractures.		2561	121.5' 398.5	122.7 402.5	4.0'	1.95	1.26	1.12	.01	.21				plot
402	427	Pale white to buff sericite phyllite - greener where chlorite rich. Bands of pyrite ± sphalerite (0.5 - 3') between 5-10% mineralized in between. Section bleached, altered. Note buff ankerite?			402.5	406.5										
				2562	406.5 123.9	419.0 127.7	12.5	.53	.40	.28	.005	.07				plot
			/10.0			427										
427	437	Grey striped, bleached chlorite sericite phyllite.	/10.0		427	437										
437	459	Mineralized, bleached, locally brecciated sericite phyllite. Net veined by pale creamy, soft carbonate or clay? Mineralization:		2563	437?	441.0	4.0	1.30	.58	.46	Tr	.08				plot
				2564	432?	453.5	21.5	.28	.27	.22	Tr	.03				
		437-441 Bands (0.5-2') of pyrrhotite, pyrite, sphalerite, chalcopyrite. Mineralization concentrated in fractures in interstices of brecciated Schist fragments. 446-447 - pyrite; 450-453-6" pyrrhotite, pyrite with minor sphalerite and galena.			441 134.4'	135.2'	12.5									
459	495	Pale-grey striped quartzo-feldspathic sericite phyllite. Locally darker where graphite rich. Sericite rich zones at 482-489 with pyrite, sphalerite, chalcopyrite and 461-463' with pyrite, sphalerite and minor chalcopyrite. Latter brecciated.														
495	506	MASSIVE SULPHIDE with thin partings of mineralized sericite phyllite. Pyrite, sphalerite (up to 2 mm), chalcopyrite. Locally sulphide has been brecciated and recemented by sulphide. Buff ankerite? in breccia zones.		2565	493.5	500.0	6.5'	4.88	3.84	.96	.01	.15				
				2566	500.0	506.5	6.5'	4.20	3.90	.78	.005	.20				
					493.5 150.4	506.5 154.4	13.0	4.54	3.87	(25.95'/mx.) .87	w.a.v.		59.02	50.31	11.31	plot
506	519	Pale grey bleached, striped, sericite rich phyllite. Pyrite occurs in fractures with calcite and quartz.	/13		506	519										

DIAMOND DRILL RECORD

LOGGED BY Stanley Reamsbottom

PROPERTY

LATITUDE BEARING OF HOLE STARTED

DEPARTURE DIP OF HOLE COMPLETED

ELEVATION DIP TESTS DEPTH Proposed: Ultimate:

D.D.H. No. A - 11 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
519	525.5	Cream coloured, bleached, altered sericite phyllite. Buff ankerite? partings in foliation.	?/6.5		519	525.5									
525.5	565	Pale grey-green striped quartzo-feldspathic, sericite-chlorite, phyllite which is locally brecciated and veined by white quartz, feldspar and carbonate. Micaceous zones lose striped appearance.	/39.5		525.5	565.0									
565	584	Dark grey to black, striped moderately graphitic phyllite which is locally brecciated. Minor pyrite in fractures and along foliation.	/19		565.0	584.0									
584	600	MASSIVE SULPHIDE: Banded (584-589) white barite, pyrite, orange sphalerite, galena, grades to massive pyritic sulphides to 592' then banded sulphides to 599'. Last 1' of section pale green mariposite sericite phyllite.		2567	584.0	591.5	7.5'	6.00	9.40	3.28	.04	.15			
			/1	2568		599.0	7.5'	8.74	13.50	4.56	.04	.20			
					178.0 m	182.6									
					584.0	599.0	15.0	7.37	11.45	3.92	w.a.v.		110.55	171.75	58.8
600	650	Black graphitic phyllite. Minor pyrite blebs F_1 at high angles to F_2. Becomes less graphitic in last 20' of section.	/50		600.0	650.0									
650	684.5	Pale white, bleached sericite phyllite.	/34.5		650.0	684.5									
684.5	693	Grades to grey striped phyllite (quite sericite rich).	/8.5		684.5	693.0									
					211.2	213.4									
693	699	MASSIVE PYRITIC SULPHIDE Pyrite, orange sphalerite, galena		2569	693.0	700.0	7.0'	2.40	2.70	1.38	.02	.27	16.80	18.90	9.66
				2570		704.0	4.0'	.33	.54	.70	.01	.12			
699	704	Mineralized (5-10%) quartzo-feldspathic, moderately graphitic phyllite. Pyrite, red sphalerite.			700.0	703.0	3.0						.99	1.62	2.10
					693.0	703.0	10.0	1.78	2.05	1.18			17.79	20.52	11.76
704	728	Black, striped, graphitic phyllite.	/24		704.0	728.0									

DIAMOND DRILL RECORD

LOGGED BY Stanley Reamsbottom

PROPERTY

LATITUDE BEARING OF HOLE STARTED

DEPARTURE DIP OF HOLE COMPLETED

ELEVATION DIP TESTS DEPTH Proposed: Ultimate:

D.D.H. No. A - 11 PAGE 5 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
					734 – (est.)	736.5 (est.)	2.5						2.20	1.65	2.3
728	746	PYRRHOTITE RICH MASSIVE SULPHIDES in brecciated sericite and graphitic phyllite.		2571	728.0	736.5	8.5'	.88	.66	.92	.01	.15			
		728-731: Quartzo-feldspathic, + carbonate (or barite) breccia	/1.0	2572	227.0	745.0	8.5'	3.38	5.28	1.92	.01	.13	28.73	44.88	16.32
		phyllite with massive pyrrhotite, pyrite, and chalcopyrite in late fractures.			(735.0	736.5	(1.5)						1.32	0.99	1.38
					735.0	745.0	10.0	3.01	4.59	1.77	w.a.v.		30.05	45.87	17.70
		733-746 Massive sulphides in brecciated phyllite. Pyrrhotite, pyrite, chalcopyrite in veins.			224.0 734.0	745.0	11.0	2.81	4.23	1.69	(58.24 gm/ton.)		30.93	46.53	18.62
		742-746 Sphalerite rich massive sulphides. Breccia fragments to 2".													
746	768	Pale grey phyllite with local sericite rich portions. Mineralized (5-10%), sericite breccia at 760': Pyrite, sphalerite.	/22		746	768									
768	820	Light to dark grey, striped, phyllite which is blacker where richer in graphite. Quartzo-feldspathic laminae define F_1 layers, which are locally at high angles to good F_2.	/14		768	782									
		Core angles: 280'-76°; 300'-73°; 320'-70°; 340'-76°; 360'-76°; 380'-Ore-65°; 400'-68°; 420'-80°; 440'-79°; 460'-82°; 480'-77°; 500-Ore-77°; 520'-80°; 540'-72°; 560'-71°; 580'-35°; 586'-Ore-65°; 600'-85°; 620'-75°; 640'-78°; 660'-85°; 680'-86°; 700'-Ore-76°; 720'-55°; 740'-75°; 760'-55°; 780'-50°; 800'-80°; 820'-77°.													
	820	END OF HOLE													

DDH: FAGA011 -- 42 DEGREE PROFILE

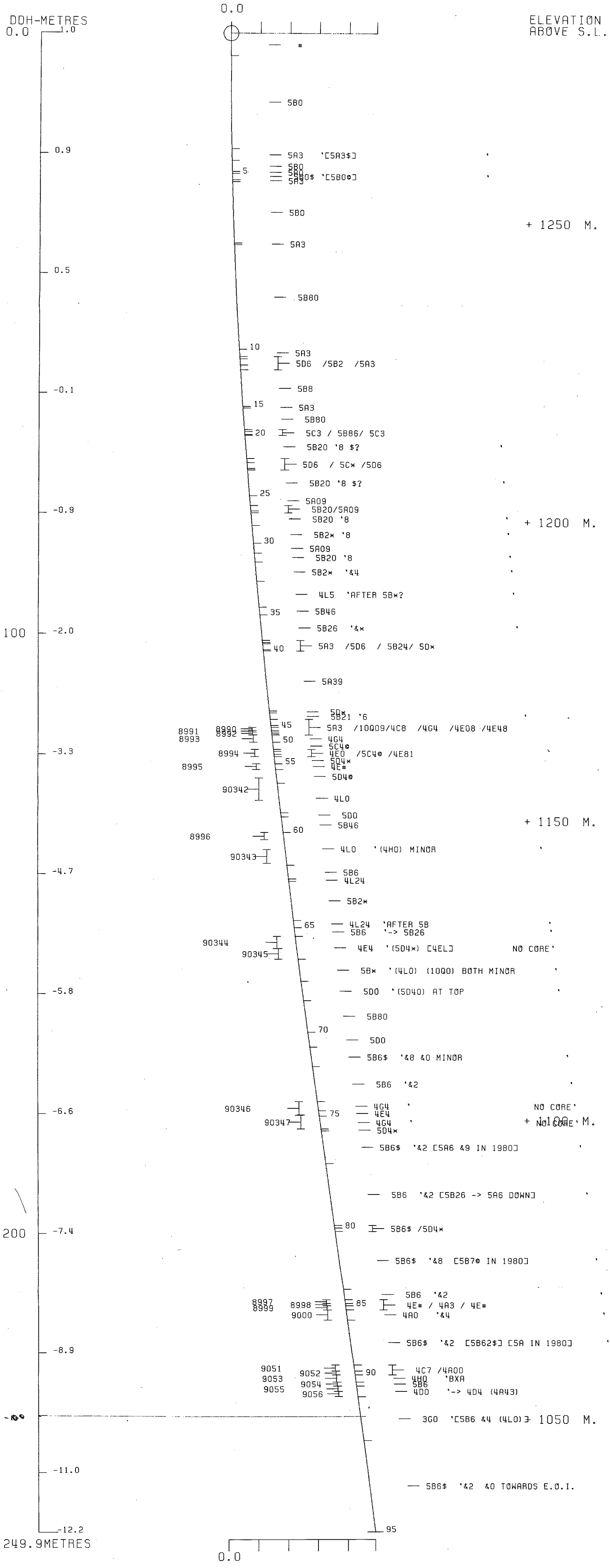
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1281 592217E ; 904901N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 372.6 Z = 1281.6

SECTION NAME: 74W



CYPRUS ANVIL MINING CORPORATION

PROGRAM DH162 25 OCT 1984 4:50 PM

DDH: FAGA011 -- 42 DEGREE PROFILE

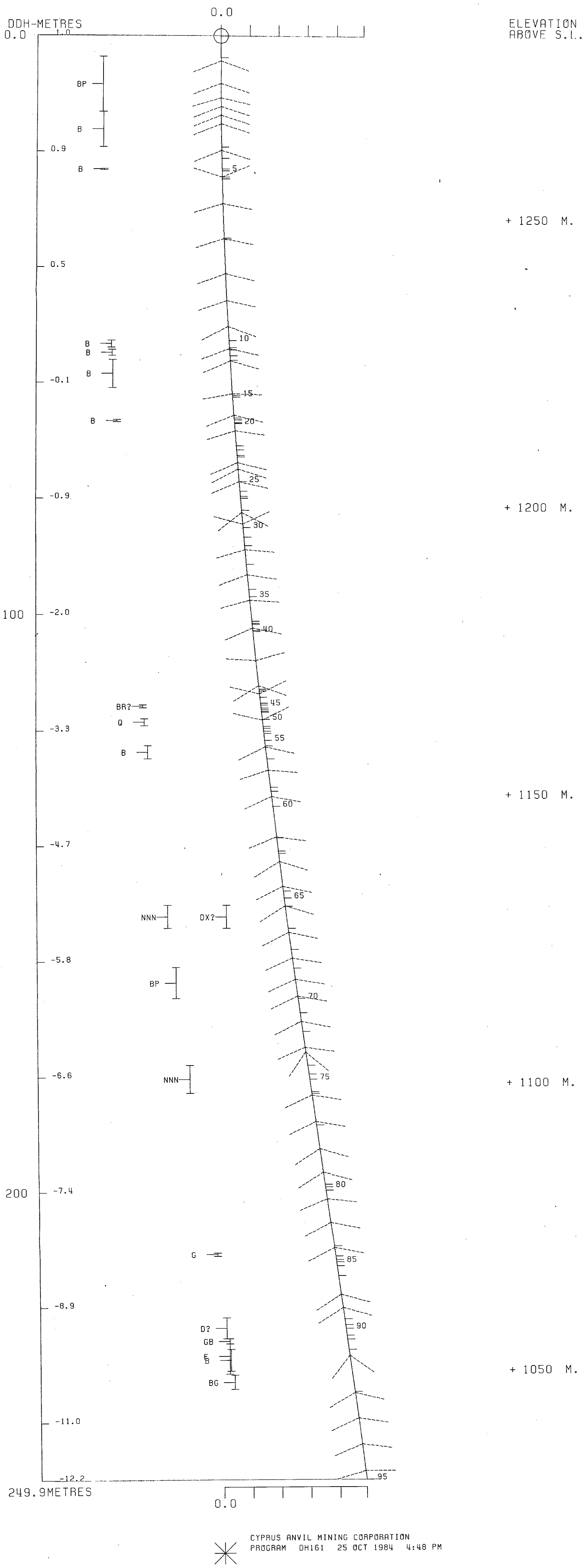
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1281 592217E ; 904901N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 372.6 Z = 1281.6

SECTION NAME: 74W



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 25 OCT 1984 4:48 PM

DRILL HOLE : FAGA030
NORTHING : 905,046.7
EASTING : 592,270.2
ELEVATION : 1,303.3
TOTAL DEPTH : 389.5
SECTION : W 76
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS ORE-SAMPLES:	59
NOS DOWN-H-SURVEYS:	5
NOS DOWN-H-LITHOLOGY:	128
NOS DOWN-H-STRUCTURE:	57
NOS DOWN-H-FAULTS:	61
NOS DOWN-H-SPLINES:	5
NOS COMPOSITES:	0

DDH: FAGA030 UTM-N: 905,046.7 UTM-E: 592,270.2 UTM-ELEV: 1,303.3 TOTAL DEPTH: 389.5 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTHS FROM	DEPTHS TO	SAMPLE NO.	INT.	REC.	ROCK UNIT	S.G. PULP	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.
144.5	145.4	06979	.9	.7	4E41	4.05	.10	8.80	17.89	150.00		1.16	3	16	19						
145.4	146.4	06980	1.0	.9	5B21	2.98	.02	.40	.79	11.00		.20	1	3	4						
146.4	148.2	06981	1.8	1.8	4A4	3.12	.02	2.24	5.28	41.00		.68	1	9	10						
148.2	148.7	06982	.5	.3	4AO	3.14	.08	1.51	1.13	38.00		.89		12	13						
148.7	149.7	06983	1.0	1.0	4A1	2.91	.04	.52	1.25	13.99		.47		5	6						
149.7	151.2	06984	1.5	.5	FAULT	2.87	.05	.66	1.28	13.99		4.11		4	5						
151.2	153.7	06985	2.5	2.1	4A1	2.97	.08	1.53	1.41	24.00		.81		6	7						
153.7	155.6	06986	1.9	1.9	4A1	2.91	.05	1.96	2.12	26.00		1.16		3	4						
155.6	157.6	06987	2.0	2.0	4L1	3.08	.05	1.40	2.66	24.00	23.00	.47		3	4						
157.6	158.9	06988	1.3	1.3	5C4@	2.89	.01	.05	.16	3.00		.27	4		4						
158.9	161.3	06989	2.4	.3	4A14	3.08	.05	2.45	5.36	44.00		.75	1	6	8						
161.3	163.0	06990	1.7	1.7	5D4@	3.04	.02	.26	1.37	5.00		.27	5	2	7						
163.0	164.6	06991	1.6	1.5	5D4@	2.99	.02	.95	2.64	19.00		.34	3	2	6						
164.6	165.1	06992	.5	.5	5B46	3.02	.01	.13	.31	1.99		.27	3	1	5						
165.1	165.8	06993	.7	.6	10QO	2.81	.02	.05	.08	.99		.20	1		2						
165.8	166.4	06994	.6	.6	5B46	2.97	.02	.05	.17	.99		1.23	3	1	5						
166.4	169.0	06995	2.6	2.4	4B4	3.02	.01	3.02	6.99	50.00		.40	3	1	5						
169.0	171.0	06996	2.0	2.0	4B4	3.02	.02	5.13	8.18	92.00		.89	1	1	2						
177.4	179.3	06997	1.9	1.9	4B4	2.87	.02	2.79	4.90	50.00		.47	1		1						
179.3	181.6	06998	2.3	2.1	4B4	2.91	.02	3.39	6.58	59.99		.55	1		1						
181.6	183.3	06999	1.7	1.7	4B4	2.93	.04	3.14	5.62	58.99		.68	1	1	2						
183.3	184.9	07000	1.6	1.6	4B4	2.91	.02	2.33	4.33	44.00		.40	1		2						
184.9	187.5	07101	2.6	2.6	4A14	2.99	.05	3.39	3.29	58.99	54.00	.75		3	4						
187.5	189.8	07102	2.3	2.1	4A14	2.91	.02	2.89	4.20	49.00		.81		1	2						
189.8	190.8	07103	1.0	.2	4L04	2.89	.02	1.56	4.29	28.99		.75	1	1	3						
190.8	192.2	07104	1.4	1.4	4A1	2.85	.01	1.25	3.20	21.00		.55	1		1						
192.2	193.2	07105	1.0	.6	4LO	3.00	.02	.61	1.99	12.00		.34	1		1						
193.2	195.3	07106	2.1	1.6	4A1	2.81	.02	1.03	2.10	19.00		.34		1	2						
195.3	196.9	07107	1.6	1.5	4A14	3.45	.05	2.12	4.40	45.00		.55	1	4	6						
196.9	198.7	07108	1.8	1.8	4A13	3.39	.04	3.00	4.70	54.00		.68	2	14	16						
198.7	200.9	07109	2.2	2.1	4A13	3.76	.07	2.39	.05	46.00		1.16	1	18	19						
200.9	201.6	07110	.7	.5	4A31	4.00	.08	3.60	1.87	70.00		1.37	1	28	30						
201.6	202.0	07111	.4	.3	4A31	3.89	.08	.91	1.62	22.00	18.00	.75	2	25	27						
202.0	202.5	07112	.5	.5	4CO	3.35	.08	2.08	.76	30.99		1.70	1	15	16						
213.8	216.3	07113	2.5	2.3	4D45	3.49	.02	4.79	6.70	83.00		.95	1	13	15						
216.3	217.1	07114	.8	.8	4D4	3.31	.02	4.70	10.90	83.00		1.78	1	8	10						
217.1	217.7	07115	.6	.4	4D45	3.54	.04	6.50	13.59	114.99		1.23	2	10	13						
217.7	219.2	07116	1.5	1.4	4A41	3.24	.04	3.20	6.79	65.00		1.30	1	9	11						
219.2	219.8	07117	.6	.6	4L1	2.95	.02	.20	1.20	3.99		1.03	1	3	5						
219.8	221.5	07118	1.7	1.5	4A4	3.49	.05	6.50	10.00	110.00		1.43	1	11	13						
221.5	222.6	07119	1.1	1.0	4D4	3.79	.02	9.40	16.39	158.00		1.51	2	10	12						
222.6	225.0	07120	2.4	2.4	4A41	3.58	.08	7.40	11.90	110.99		1.30	1	10	11						
225.0	225.7	07121	.7	.5	4A13	3.66	.11	1.74	2.39	29.99	28.99	1.43	2	19	21						
225.7	227.4	07122	1.7	1.5	4LO		.02	.42	.91	7.99											
227.4	231.2	07123	3.8	2.1	4LO		.01	.75	.99	10.00											
254.1	255.3	07124	1.2	1.1	4E4	4.38	.11	3.10	6.70	57.99		1.30	2	27	30						
255.3	255.9	07125	.6	.5	4A4	3.33	.07	5.50	10.19	86.00		1.03	2	5	8						
255.9	257.1	07126	1.2	1.2	4A1	3.43	.08	.88	1.36	17.00		.75	1	13	14						

DDH: FAGA030 UTM-N: 905,046.7 UTM-E: 592,270.2 UTM-ELEV: 1,303.3 TOTAL DEPTH: 389.5 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTHS FROM	DEPTHS TO	SAMPLE NO.	INT.	REC.	ROCK UNIT	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.
257.1	257.7	07127	.6	.5	4A4	3.27	.07	4.79	5.59	68.00		1.58	1	10	11						
257.7	261.1	07128	3.4	2.0	4A1	3.12	.08	.56	1.14	14.99		.62	1	11	12						
261.1	263.1	07129	2.0	1.5	4A1	3.35	.10	.34	.95	13.00		.40	1	15	17						
263.1	265.3	07130	2.2	1.4	4A1	3.35	.10	.71	1.32	14.99		1.16	1	12	13						
279.4	281.8	07131	2.4	2.4	4A1		.17	.72	1.31	20.00											
281.8	282.7	07132	.9	.8	5B21		.08	.17	.44	6.99											
282.7	282.9	07133	.2	.2	4A4		.08	5.09	11.50	70.00											
300.8	302.7	07134	1.9	1.5	4L7		.26	1.45	1.10	21.00											
340.5	340.9	07135	.4	.4	4G4$	3.91	.11	5.40	7.49	85.00		1.10	2	12	15						
340.9	342.0	07136	1.1	.9	4L0	2.87	.05	.14	.16	3.99		.20	3	1	5						
342.0	342.7	07137	.7	.6	4E4*	3.58	.13	3.49	3.79	55.99		1.03	4	15	20						
WEIGHTED AVERAGE																					
144.5	171.0		26.5	22.1		3.03	.04	1.93	3.68	33.80	1.73	.82	2	4	6						
177.4	202.5		25.1	22.5		3.11	.03	2.46	3.67	44.77	5.88	.68	1	5	6						
213.8	231.2		17.4	14.5		2.38	.03	3.93	6.61	65.66	1.16	.88	1	7	8						
254.1	265.3		11.2	8.2		3.39	.09	1.35	2.48	26.10		.85	1	13	15						
279.4	282.9		3.5	3.4			.14	.83	1.66	19.51											
300.8	302.7		1.9	1.5			.26	1.45	1.10	21.00											
340.5	342.7		2.2	1.9		3.29	.08	2.16	2.65	35.27		.63	3	8	12						

DDH: FAGA030 UTM-N: 905,046.7 UTM-E: 592,270.2 UTM-ELEV: 1,303.3 TOTAL DEPTH: 389.5 SECTION: W 76
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	171.200	123.000
121.900	166.100	111.000
182.900	171.900	97.000
262.100	174.000	122.000

DDH: FAGA030 UTM-N: 905,046.7 UTM-E: 592,270.2 UTM-ELEV: 1,303.3 TOTAL DEPTH: 389.5 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
12.5	0001	#		0.5-	1
14.2	0002	5B0	&3 &8	0.5-	1
15.1	0003	5D0	&3	0.5-	1
28.0	0004	5B0	&$ &8 (10Q0) MINOR	0.5-	1
29.6	0005	FAULT		0.5-	1
33.8	0006	5B*	(5D4*)	0.5-	1
34.3	0007	10Q0		0.5-	1
35.8	0008	5D4*	-> 5D0 T.O.I.	0.5-	1
38.1	0009	5BC	&$ LOCALLY	0.5-	1
38.7	0010	5D4@		0.5-	1
39.4	0011	5B3	&$ -> 5E0	0.5-	1
41.1	0012	5D4@		0.5-	1
42.2	0013	5B3*	-> 5E0	0.5-	1
42.8	0014	5D4@		0.5-	1
47.4	0015	5B3	&$	0.5-	1
107.1	0016	5B80	&$ &3 E.O.I.	0.5-	1
107.6	0017	5D0		0.5-	1
115.2	0018	5B83	(10Q0)	0.5-	1
116.6	0019	10Q0	(5B83)	0.5-	1
120.8	0020	5B83	(5D0)	0.5-	1
124.1	0021	5B0$	&8 &3	0.5-	1
124.4	0022	FAULT		0.5-	1
126.9	0023	5B0$	(10Q0) MINOR	0.5-	1
128.8	0024	5B*		0.5-	1
134.0	0025	5B80	&3 (5D0) MINOR	0.5-	1
134.8	0026	5D0		0.5-	1
137.1	0027	5B80		0.5-	1
138.6	0028	5B*	(5D0) MINOR	0.5-	1
144.5	0029	5B20	3 &1 &$ MINOR	0.5-	1
145.4	0030	4E41	&2 (4H4)	0.5-	1
146.4	0031	5B21	6	0.5-	1
148.2	0032	4A4		0.5-	1
148.7	0033	4A0	&3	0.5-	1
149.7	0034	4A1	PHYLLITIC [4C5]	0.5-	1
151.2	0035	FAULT		0.5-	1
155.6	0036	4A1	PHYLLITIC [4C5]	0.5-	1
157.6	0037	4L1	&4	0.5-	1
158.9	0038	5C4@	(5C0$)	0.5-	1
161.3	0039	4A14	(4L14) (4A1) (5C4) V. MINOR	0.5-	1
164.6	0040	5D4@	(4A41) (4L14)	0.5-	1
165.1	0041	5B46		0.5-	1
165.8	0042	10Q0		0.5-	1
166.4	0043	5B46		0.5-	1
171.0	0044	4B4	&* SERICITIC (4A4) (5B4)	0.5-	1
172.4	0045	5B46	(5D0)	0.5-	1
177.4	0046	3G8	SPECKLED (4A0) MINOR	0.5-	1
184.9	0047	4B4	SERICITIC [4L14]	0.5-	1
189.8	0048	4A14	PHYLLITIC [4D5]	0.5-	1
190.8	0049	4L04	RUBBLE	0.5-	1
192.2	0050	4A1	PHYLLITIC &4 [4C5 &4]	0.5-	1
193.2	0051	4L0	GOUGE	0.5-	1

DDH: FAGA030 UTM-N: 905,046.7 UTM-E: 592,270.2 UTM-ELEV: 1,303.3 TOTAL DEPTH: 389.5 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
196.9	0052	4A10	&4 PHYLLITIC [4C5 (4D5)]	0.5-	1
200.9	0053	4A13	&4 (4E1 &BXA) LOCALLY	0.5-	1
201.6	0054	4A314	-> 4E1	0.5-	1
202.0	0055	4A31	BXA	0.5-	1
202.5	0056	4C0	SERICITIC	0.5-	1
210.0	0057	5D4@		0.5-	1
210.5	0058	4C0	SERICITIC	0.5-	1
212.0	0059	5D4@	(4C0) MINOR	0.5-	1
212.6	0060	10Q0		0.5-	1
213.8	0061	5D4*		0.5-	1
216.3	0062	4D45	(4A41) MINOR	0.5-	1
217.1	0063	4D4		0.5-	1
217.7	0064	4D45	-> 4J1 E.O.I.	0.5-	1
219.2	0065	4A41		0.5-	1
219.8	0066	4L1		0.5-	1
221.5	0067	4A4	-> 4D45 E.O.I.	0.5-	1
222.6	0068	4D4	(4A4 PHYLLITIC [4D5])	0.5-	1
225.0	0069	4A41	(4D45) MINOR	0.5-	1
225.7	0070	4A13		0.5-	1
233.7	0071	4L0	FROM 3G0 STRINGER - PY	0.5-	1
234.8	0072	5B46		0.5-	1
235.2	0073	5A19		0.5-	1
237.1	0074	5B46	STRINGER RUBBLE	0.5-	1
238.0	0075	4L0	GOUGE	0.5-	1
246.6	0076	5B6	[3G0] (4L0 [5D4]) MINOR	0.5-	1
248.9	0077	4L0		0.5=	1
253.7	0078	5B6	&4 GOUGE	0.5-	1
254.1	0079	4L0		0.5-	1
255.3	0080	4E4	(4K0) 65:35 MINOR BXA	0.5-	1
255.9	0081	4A4		0.5-	1
257.1	0082	4A1	&3	0.5-	1
257.7	0083	4A4		0.5-	1
265.3	0084	4A1	&3	0.5-	1
271.6	0085	5B6	[3G0] RUBBLE	0.5-	1
273.3	0086	FAULT	GOUGE	0.5-	1
277.1	0087	4L0	(5D4@) FROM 3G0 STRINGER	0.5-	1
279.4	0088	5B6	[3G4 STRINGER]	0.5-	1
281.7	0089	4A1	&3	0.5-	1
282.7	0090	5B21	6 [3G91] (5B6) E.O.I.	0.5-	1
282.9	0091	4A4	-> 4E4 E.O.I.	0.5-	1
289.2	0092	3G0	[5B6]	0.5-	1
289.7	0093	4L0	[3G4 (3B*)]	0.5-	1
294.1	0094	3G0	[5B6]	0.5-	1
295.2	0095	3G1	[3G5]	0.5-	1
300.8	0096	3G0	[3G0 STRINGER &4]	0.5-	1
302.7	0097	4L7	(4H4) (4L147)	0.5-	1
303.4	0098	4L0		0.5-	1
318.3	0099	3G4	[3G0 STRINGER]	0.5-	1
320.3	0100	5A19	-> 3G96 STRINGER	0.5-	1
323.1	0101	3G0	STRINGER + SPECKLE + $	0.5-	1
330.7	0102	4L0	[4L2 &1 (3C*) MINOR]	0.5-	1

DDH: FAGA030 UTM-N: 905,046.7 UTM-E: 592,270.2 UTM-ELEV: 1,303.3 TOTAL DEPTH: 389.5 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHO CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
331.3	0103	5C4*		0.5-	1
332.7	0104	4L12	BXA	0.5-	1
333.5	0105	FAULT	4L GOUGE	0.5-	1
335.5	0106	5C4*	[5D#]	0.5-	1
340.5	0107	4LO	FROM 3GO STRINGER	0.5-	1
340.9	0108	4G4$	[4E4$]	0.5-	1
341.7	0109	4LO		0.5-	1
342.0	0110	4LO	GOUGE	0.5-	1
342.7	0111	4E4*	(4E BXA) 4L GOUGE)	0.5-	1
348.3	0112	4LO	[4L2] STRINGER	0.5-	1
349.3	0113	5C4$	MOTTLED [5C*]	0.5-	1
352.2	0114	4L2		0.5-	1
352.7	0115	4AO		0.5-	1
364.1	0116	4LO		0.5-	1
365.0	0117	5C3$	[5C* 84]	0.5-	1
367.3	0118	4AO	[4AO 8789 (4CO)(3G96)]	0.5-	1
370.0	0119	4LC	(10QO) (3GO STRINGER)	0.5-	1
373.1	0120	3G9	(4LO)	0.5-	1
375.2	0121	4LO		0.5-	1
375.9	0122	FAULT	4LO GOUGE	0.5-	1
378.6	0123	4LO		0.5-	1
382.2	0124	4L6	[3G48 STRINGER]	0.5-	1
383.0	0125	5C*		0.5-	1
383.4	0126	4L6	[3G48 STRINGER]	0.5-	1
384.9	0127	5C*		0.5-	1
389.5	0128	4L6	[3G48 STRINGER]	0.5-	1

DDH: FAGA030 UTM-N: 905,046.7 UTM-E: 592,270.2 UTM-ELEV: 1,303.3 TOTAL DEPTH: 389.5 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	SO ANGLE	SO DIRECT	S1 ANGLE	S1 DIRECT	S2 ANGLE	S2 DIRECT	RFE CDE	DHDC	SDC	PROCESS
FAGA030	0.0	15.2	PS2		0	0	0	0	57	230	0	1	1	1
FAGA030	0.0	21.3	PS2		0	0	0	0	70	230	0	1	1	1
FAGA030	0.0	31.9	PS2		0	0	0	0	61	230	0	1	1	1
FAGA030	0.0	37.3	PS2		0	0	0	0	64	230	0	1	1	1
FAGA030	0.0	43.9	PS2		0	0	0	0	69	230	0	1	1	1
FAGA030	0.0	49.8	CS2		0	0	0	0	67	230	0	1	1	1
FAGA030	0.0	55.5	CS2		0	0	0	0	66	230	0	1	1	1
FAGA030	0.0	58.1	CS2		0	0	45	310	61	230	0	1	1	1
FAGA030	0.0	68.9	CS2		0	0	0	0	54	230	0	1	1	1
FAGA030	0.0	71.0	PS2		0	0	0	0	40	230	0	1	1	1
FAGA030	0.0	78.6	CS2		0	0	0	0	71	230	0	1	1	1
FAGA030	0.0	85.3	CS2		0	0	0	0	61	230	0	1	1	1
FAGA030	0.0	91.4	CS2		0	0	0	0	61	230	0	1	1	1
FAGA030	0.0	98.1	CS2		0	0	0	0	60	230	0	1	1	1
FAGA030	0.0	102.1	CS2		0	0	0	0	65	230	0	1	1	1
FAGA030	0.0	108.4	CS2		0	0	0	0	71	230	0	1	1	1
FAGA030	0.0	128.9	CS2		0	0	0	0	70	230	0	1	1	1
FAGA030	0.0	134.7	PS2		0	0	0	0	70	230	0	1	1	1
FAGA030	0.0	141.4	CS2		0	0	0	0	61	230	0	1	1	1
FAGA030	0.0	144.2	CS2		0	0	0	0	66	230	0	1	1	1
FAGA030	0.0	152.7	PS2		0	0	0	0	55	230	0	1	1	1
FAGA030	0.0	157.0	PS2		0	0	0	0	55	230	0	1	1	1
FAGA030	0.0	161.8	PS2		0	0	0	0	69	230	0	1	1	1
FAGA030	0.0	168.4	PS2		0	0	0	0	66	230	0	1	1	1
FAGA030	0.0	171.0	PS2		0	0	0	0	42	230	0	1	1	1
FAGA030	0.0	183.2	PS2		0	0	0	0	55	230	0	1	1	1
FAGA030	0.0	192.3	CS2		0	0	0	0	70	230	0	1	1	1
FAGA030	0.0	199.3	CS2		0	0	0	0	53	230	0	1	1	1
FAGA030	0.0	203.0	PS2		0	0	0	0	70	230	0	1	1	1
FAGA030	0.0	208.8	PS2		0	0	0	0	61	230	0	1	1	1
FAGA030	0.0	213.4	PS2		0	0	0	0	60	230	0	1	1	1
FAGA030	0.0	219.6	PS2		0	0	0	0	55	230	0	1	1	1
FAGA030	0.0	226.2	PS2		0	0	0	0	65	230	0	1	1	1
FAGA030	0.0	233.6	PS2		0	0	0	0	85	230	0	1	1	1
FAGA030	0.0	239.1	PS2		0	0	0	0	62	230	0	1	1	1
FAGA030	0.0	246.3	PS2		0	0	0	0	66	230	0	1	1	1
FAGA030	0.0	250.7	PS2		0	0	0	0	65	230	0	1	1	1
FAGA030	0.0	257.9	PS2		0	0	0	0	65	230	0	1	1	1
FAGA030	0.0	271.6	PS2		0	0	0	0	70	230	0	1	1	1
FAGA030	0.0	279.2	PS2		0	0	0	0	52	230	0	1	1	1
FAGA030	0.0	284.4	PS2		0	0	0	0	80	230	0	1	1	1
FAGA030	0.0	294.7	CS2		0	0	0	0	62	230	0	1	1	1
FAGA030	0.0	297.8	PS2		0	0	0	0	70	230	0	1	1	1
FAGA030	0.0	303.3	PS2		0	0	0	0	71	230	0	1	1	1
FAGA030	0.0	309.8	PS2		0	0	0	0	68	230	0	1	1	1
FAGA030	0.0	315.5	PS2		0	0	0	0	68	230	0	1	1	1
FAGA030	0.0	321.9	PS2		0	0	0	0	70	230	0	1	1	1
FAGA030	0.0	327.7	PS2		0	0	0	0	70	230	0	1	1	1
FAGA030	0.0	337.3	PS2		0	0	0	0	66	230	0	1	1	1
FAGA030	0.0	343.5	PS2		0	0	0	0	70	230	0	1	1	1
FAGA030	0.0	350.7	PS2		0	0	0	0	65	230	0	1	1	1

DDH: FAGA030 UTM-N: 905,046.7 UTM-E: 592,270.2 UTM-ELEV: 1,303.3 TOTAL DEPTH: 389.5 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT SYMTRY	S0 ANGLE	S0 DIRECT	S1 ANGLE	S1 DIRECT	S2 ANGLE	S2 DIRECT	RFE CDE	DHDC	SDC	PROCESS
FAGA030	0.0	359.5	PS2	0	0	0	0	60	230	0	1	1	1
FAGA030	0.0	364.2	PS2	0	0	0	0	60	230	0	1	1	1
FAGA030	0.0	372.1	PS2	0	0	0	0	70	230	0	1	1	1
FAGA030	0.0	377.3	PS2	0	0	0	0	63	230	0	1	1	1
FAGA030	0.0	383.1	PS2	0	0	0	0	80	230	0	1	1	1
FAGA030	0.0	388.8	PS2	0	0	0	0	70	230	0	1	1	1

DDH: FAGA030 UTM-N: 905,046.7 UTM-E: 592,270.2 UTM-ELEV: 1,303.3 TOTAL DEPTH: 389.5 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	REC CD	PARLL	UPPER PLANE		INTERNAL PLANE		LOWER PLANE		DHD
FAGA030	0.0	25.6	1G			0	0	50	180	0	0	1
FAGA030	28.0	29.5	GP			0	0	0	0	0	0	1
FAGA030	33.8	34.2	Q			0	0	0	0	0	0	1
FAGA030	0.0	41.4	J			0	0	13	180	0	0	1
FAGA030	0.0	49.4	J			0	0	36	180	0	0	1
FAGA030	0.0	51.2	J			0	0	36	0	0	0	1
FAGA030	0.0	66.7	J			0	0	28	0	0	0	1
FAGA030	0.0	67.0	J			0	0	15	90	0	0	1
FAGA030	0.0	67.9	J			0	0	35	180	0	0	1
FAGA030	0.0	76.5	J			0	0	15	45	0	0	1
FAGA030	0.0	96.1	J			0	0	20	0	0	0	1
FAGA030	0.0	118.4	J			0	0	0	0	0	0	1
FAGA030	0.0	118.8	J			0	0	15	135	0	0	1
FAGA030	124.0	124.3	G			0	0	0	0	0	0	1
FAGA030	128.8	131.1	B			0	0	0	0	0	0	1
FAGA030	0.0	139.2	B			0	0	99	999	0	0	1
FAGA030	140.6	140.9	B			0	0	99	999	0	0	1
FAGA030	149.6	151.2	GP			0	0	0	0	0	0	1
FAGA030	0.0	167.6	R			0	0	0	0	0	0	1
FAGA030	170.9	171.7	G			0	0	0	0	0	0	1
FAGA030	172.3	177.3	B3P			0	0	0	0	0	0	1
FAGA030	189.7	190.8	RP			0	0	0	0	0	0	1
FAGA030	192.2	193.1	GB			0	0	0	0	0	0	1
FAGA030	193.7	194.5	B			0	0	0	0	0	0	1
FAGA030	0.0	195.5	R			0	0	0	0	0	0	1
FAGA030	195.6	195.9	B			0	0	0	0	0	0	1
FAGA030	196.9	197.5	1X			0	0	0	0	0	0	1
FAGA030	201.5	201.9	X			0	0	0	0	0	0	1
FAGA030	0.0	210.6	G			0	0	99	999	0	0	1
FAGA030	212.0	212.6	Q			0	0	99	999	0	0	1
FAGA030	0.0	231.0	GP			0	0	99	999	0	0	1
FAGA030	235.6	235.9	RQ			0	0	0	0	0	0	1
FAGA030	237.8	238.0	G			0	0	0	0	0	0	1
FAGA030	0.0	248.8	G			0	0	0	0	0	0	1
FAGA030	248.8	253.7	3G	6		0	0	0	0	0	0	1
FAGA030	253.7	254.1	G			0	0	0	0	0	0	1
FAGA030	254.1	255.3	D			0	0	0	0	0	0	1
FAGA030	264.0	264.5	RP			0	0	0	0	0	0	1
FAGA030	265.3	271.6	RPB			0	0	0	0	0	0	1
FAGA030	271.6	273.2	3G			99	999	0	0	0	0	1
FAGA030	0.0	274.6	B			0	0	0	0	0	0	1
FAGA030	0.0	277.6	B			0	0	0	0	0	0	1
FAGA030	279.8	280.4	J			0	0	0	0	0	0	1
FAGA030	295.9	296.1	G			0	0	0	0	0	0	1
FAGA030	0.0	303.7	1G			0	0	0	0	0	0	1
FAGA030	310.4	310.7	J			0	0	0	0	0	0	1
FAGA030	318.3	320.3	B			0	0	0	0	0	0	1
FAGA030	0.0	320.6	J			0	0	0	0	0	0	1
FAGA030	325.8	326.2	J			0	0	0	0	0	0	1
FAGA030	329.0	329.2	G			0	0	0	0	0	0	1
FAGA030	0.0	329.6	J			0	0	0	0	0	0	1

DDH: FAGA030 UTM-N: 905,046.7 UTM-E: 592,270.2 UTM-ELEV: 1,303.3 TOTAL DEPTH: 389.5 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT REC CD	PARLL	UPPER PLANE		INTERNAL PLANE		LOWER PLANE		DHD
FAGA030	0.0	330.7	X		0	0	0	0	0	0	1
FAGA030	331.3	332.6	X		0	0	0	0	0	0	1
FAGA030	332.6	333.5	GX		0	0	0	0	0	0	1
FAGA030	0.0	339.2	1X		0	0	0	0	0	0	1
FAGA030	341.6	341.9	G		0	0	0	0	0	0	1
FAGA030	342.0	342.2	G		0	0	0	0	0	0	1
FAGA030	342.2	342.4	X		0	0	0	0	0	0	1
FAGA030	346.2	347.0	B1G		0	0	0	0	0	0	1
FAGA030	375.2	375.9	G		0	0	0	0	0	0	1
FAGA030	385.4	385.8	3B		0	0	0	0	0	0	1

DDH: FAGA030 UTM-N: 905,046.7 UTM-E: 592,270.2 UTM-ELEV: 1,303.3 TOTAL DEPTH: 389.5 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGA030	1	2
FAGA030	2	2
FAGA030	3	2
FAGA030	4	2
FAGA030	5	1

CYPRUS ANVIL MINING CORPORATION Page 1 of 21

DIAMOND DRILL CORE LOG Date: _____

Hole Number: FAGA030

Project: Grum Relog 76W

Location: Vangorda Plateau

Claim: _____

UTM ~~Terr.~~ Plane Co-ords.: 6905046.87 rounding N

5792270.12 E

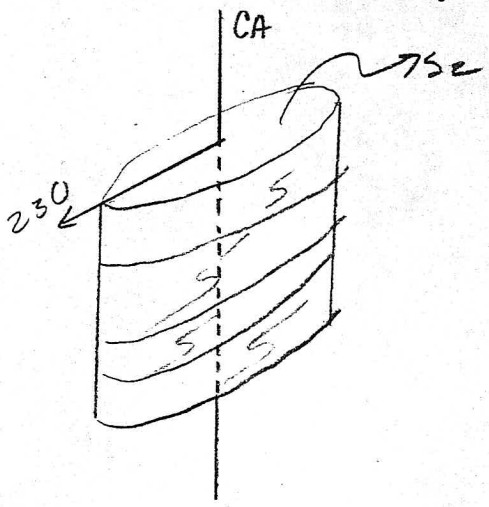
Grid Co-ords: 76W/4N

_____

Elevation: 1303.3

Total Depth: 1278'

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: _____

Hole Cemented: _____

Steel down hole: _____

Size	CORE From	To
BQ	41	1278

Collar Cased and Capped: ____

Started: 8/15/74 Completed: 8/26/74

Cyprus Anvil Mining Corp.

Diamond Drill Core Log

DDH FAGA030
2 8

Code	Drillhole	Elevation	Northing	Easting	Comments
1	2 8	10 16	17 24	25 32	34 48
T	FAGA030	1303.3	9050466.6 7	592270.1 2	FEET

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2 8	10 14	22 26	28 32	34 56
R	FAGA030	0.0	180.0	0.0	ATCOLLAR
R	FAGA030	200.0	171.2	123.0	SPERRY SUN
R	FAGA030	400.0	166.1	111.0	
R	FAGA030	600.0	171.9	97.0	
R	FAGA030	810.0	174.0	122.0	
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 FAGA030 (2–8) Cyprus Anvil Mining Corp. Page 3 of 21

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	000	41.0		1		O/B; rubble of granite + metabasite(?) from ~22-41 ft
L	41.0	46.6		2	5B10	strongly calc — low. ctc // S_2
L	46.6	49.5		3	5D10	strongly calc — " // S_2
L	49.5	92.0		4	5B10	locally non calc, minor 10QD, broken @ EOI
L	92.0	97.0		5	FAULT	? Gouge + poor recvy
L	97.0	110.9		6	5B*	mostly Fe Mg $CO_3^=$, broken @ TOI — low ctc broken
L	110.9	111.25		7	10QD	" broken
L	111.25	111.75		8	5D01	some Fe Mg $CO_3^=$ " broken
L	111.75	112.50		9	5B01	locally Fe Mg $CO_3^=$ broken
L	112.50	112.70		10	5D4*	sericitic, ankeritic broken
L	112.70	112.92		11	5B13	grading toward 5E — low ctc grad
L	112.92	134.9		12	5D41*	sericitic ankeritic — low ctc // S_2
L	134.9	138.6		13	5B13*	cc + Fe Mg $CO_3^=$; $CO_3^=$-rich (grade toward 5E) // S_2
L	138.6	140.5		14	5D41*	sericitic, ankeritic // S_2
L	140.5	155.6		15	5B13	strongly calc // S_2
L	155.6	351.3		16	5B813	strongly calc // S_2
						minor 10QD // S_2; minor $CO_3^=$ rich bands 1-5cm esp near EOI; locally → 5E // S_2
L	351.3	353.0		17	5D01	// S_2
L	353.0	371.8		18	5B813	(10QD) broken EOI — low ctc broken
L	371.8	382.4		19	10Q01	(5B83) // S_2
L	382.4	396.4		20	5B813	(5D0) // S_2
L	396.4	401.70		21	5B10	± 8 ± 3
L	401.70	401.80		22	FAULT	Gouge
L	401.80	411.65		23	5B10	highly broken @ TOI, minor 10QD — low ctc + $CO_3^=$ vein
L	411.65	412.26		24	5E01	low. ctc // S_2
L	412.26	431.96		25	5B81	± 3, broken to 430.4, minor 5D0 intbd — low ctc // S_2
L	431.96	441.23		26	5D01	low. ctc // S_2
L	441.23	449.8		27	5B81	low ctc grad
L	449.8	454.8		28	5B1*	Fe Mg $CO_3^=$; minor 5D intbd — lower ctc grad
L	454.8	471.42		29	5B121	6
						broken // S_2 @ 457, 461.5-462.5
						minor py, minor 10QD
						Lower ctc // S_2, slightly irregular

C.A.M.C. 1981 – E-3

DDH EAGA030 (2–8) Cyprus Anvil Mining Corp. Page 4 of 21

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	417142	417170		130	41E41	(4H4) ± 2(py porphs) High grade
						graphitic clasts near TOI; Thin mariposite int bd
						Lower cte broken
L	417170	418033		131	5B121	6
L	418103	418633		132	41A14	+3Gz finely interlaminated
L	418163	418777		133	41A101	±3, +3Gz finely interlaminated lower cte broken
L	418777	419100		134	41A11	phyllitic - very qtz rich, sfd poor, minor phyllitic
						partings + crenulations lower cte broken
L	419100	419622		135	FIAULT	gouge + poor rec'y
L	419622	421055		136	41A11	phyllitic - as unit 34 lower cte broken
L	421055	421171		137	4L11	±4 lower cte broken
L	421171	421214		138	5C41*	w/ marip, ser, +ank @ TOI + EOI;
						(5C0 w/ chlor + dol @ center)
						minor gouge
L	421214	421293		139	41A114	(4L4 to 522.0) (4A1) v. minor 5C4 marip. lower cte broken
						picks up 3Gz finely interlaminated below 528.0
L	421293	421399		140	51D41*	sericitic, ank, minor marip blebs
						(4A41) (4L14) 4A41 @ HW lower cte = 1000
L	421399	421418		141	5B1461	lower cte broken
L	421418	421439		142	10Q01	lower cte broken
L	421439	421459		143	5B1461	as unit 41, minor py lower cte silicified
L	421459	421610		144	41B41	±* (minor $CO_3^=$ clots), occasional visible arsenopy
						(4A4 @ HW) (5B4 int bd @ 553') "4B4 sericitic"
						rubble @ 550', 10Q0 @ TOI + @ 551'
						Red sphal. Picking up minor phyllitic mat'l @ f.w. lower cte broken
L	421610	421655		145	5B1461	gouged to 563.5, minor broken core + 5D4 int bds to EOT
L	421655	421820	518	146	5B1461	Fault? Extremely poor recovery, Broken
						Note: 4A4 +3Gz @ HW (0.5')
L	421820	422066		147	41B41	very sericitic [4L14?] [this is the same rock as
						unit #44 but more sericitic] minor phyllitic partings
						Gradational lower cte.
L	422066	422266		148	41A114	phyllitic (as #34 + 36 plus more qtz's). This has more pyrite
L	422266	422600	113	149	4L404	rubble + poor rec'y fault? and no white mica but is very similar to #47
L	422600	423007		150	41A1	phyllitic ±4
L	423007	423037		151	4L40	grey gouge + broken core fault?
L	423037	424161		152	4A194	phyllitic ±4

C.A.M.C. 1981 – E-3

DDH F.A.G.A.0.3.0 (2–8)

Cyprus Anvil Mining Corp.

Lithologic Log Date: _____ Logged By: JSM

Code	From	To	Recov.	No.	Unit	Description
						broken core 635.5-638.3, Rubble @ 641.5
						broken 642-643
L	16461	16592		513	1A1113	± 3Gz finely interlaminated, locally 4E1 (654, 656,)
						slightly bxiated + vuggy 646.2-648.0
						lower cte grad
L	16592	16611		514	1A131	gradational w/ 4E1
L	16611	16612		515	1A131	bxia + vuggy
L	16612	16614		516	1C101	sericitic ; gradational upper + lower cts
L	16614	18900		517	5D141*	sericitic, ank, ± dolomite, minor mariposite blebs, massive + laminated
						[5F? 5C?]
L	18900	19105		518	1C101	sericitic cts conform to S_2 in 5D4 (4C* bxiated @ FW)
L	19105	19557		519	5D141*	as unit ~~57~~ 17 w/ minor 4CO intbd @ 692' + minor
						gouge // S_2 @ 691'
L	19557	19775		610	10Q0	// S_2
L	19775	20114		611	5D141*	
L	20114	20195		612	4D145	plus minor (4A41 + 3Gz finely inter.) esp @ H.W.
						v minor * ank spots lower cte gradational
L	20195	20323		613	4D141	plus minor sericite gradational
L	20323	20342		614	4D145	grades to 4J1 @ F.w. gradational
L	20342	20391		615	4A141	+ 3Gz finely interb.
L	20391	20510		616	4L11	very quartzite-rich, minor phyllitic partings
						interval ends in 10Q0
L	20510	20568		617	4A141	± 3Gz finely int. Gradational toward 4D45 esp @ FW
						Very std rich, graphite-phyllite poor.
						lower cte grad
L	20568	21302		618	4D41	plus minor local sericite Gradational lower cte
						(4A4 phyllitic)
L	21302	21383		619	4A141	+ 3Gz finely int banded, plus minor (4D45 esp @ FW)
L	21383	21405		620	4A113	
L	21405	21667		621	4L01	minor gouge @ 758' (// S_2?) uncertain measurement, note prior recovery, hole & some core but no fun markers makes measurement difficult.
						minor py, sph + gn. Grad. lower cte.
L	21667	21705		622	5B146	This 4L is distinctly not siliceous
						Exactly as unit # 71 (thinly + pervasively foliated w/ minor thin std laminae) but grey color rather than

storage correlation

DDH EAGA030 (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
						white - abundant grey sericite
						minor 10Q0 near F'W
L	77105	77116		713	5IA119	
L	77116	77178		714	5IB1416	rubble 40Q0 773-774; lower ctc intbdd w/ 4L
L	77178	78109		715	41L0	fault gouge 780.2-780.9
L	78109	80191		716	5IB16	minor 4L0 (5D4?) intbd, minor 10Q0, incipient white mica (5B46) esp @ fw. Grad lower ctc → also minor talc //S_2 @ 779
L	80191	81165		717	41L10	
						25cm of gouge //S_2 @ FW } could have broken
						35cm of gouge @ H.W of #78 } this out as a fault unit
L	81165	81325		718	5IB61	I4 ~55% gouge (3.0m rec'vd, 1.7m = gouge) gouge usu. in 10cm lengths except 825.1-827.3 lower ctc gouged
L	81325	81337		719	41L101	partly gouged, lower ctc gouged
L	81337	81377		810	41E14	plus minor (4K0) ~35% of interbd. clasts of flesh-colored dolomite,
						Minor bxiation @ H.W.
L	81377	81395		811	4IA141	+3Gz finely interlam
L	81395	81436		812	41A111	±3 plus minor 3Gz mat'l
L	81436	81455		813	4IA141	+3Gz finely interlam
L	81455	81705		814	4IA11	±3 plus minor 3Gz mat'l
						rubble, slight gouge + poor rec'y 866.3-868'
						[360]
L	81705	81912	817	815	5IB161	Mostly rubble, broken core, + poor rec'y, v. minor gouge minor 10Q0, weathered upper ctc; 4L/+gouge lower ctc.
L	81912	81965		816	FAULT	grey gouge w/ white gouge @ FW + HW. original lithology probably 5B6 w/ 4L @ FW + HW w/ minor thin intbd of 5CH w/ mariposite
						Recovery is complete, but all heavily gouged.
L	81965	91090		817	41L0	Broken @ 901
						Starts to pick up phyllitic mat'l below 901
						5D4* ank @ EOI
L	91090	91167		818	5IB61	[360?] broken @ 911
L	91167	92143		819	4IA11	±3 +3Gz finely interlaminated.

DDH EAGA030 (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
						fractured, vuggy & Fe stained 918-920
L	912	913		90	5B12	16 [3G 1] – (5B6 2nd half of interval)
L	913	914		91	4A4	+3Gz finely interlam orange-red sp; sfd-rich; grades to 4G4 @ f.w.
L	914	918		92	3G0	[5B6]
						N.B. I expect Vangorda Fm to be non calc 5B6 in areas of faulting and near sulfides.
						I've called #92 3G0 because it is getting away from faulting + sfds. The rock is the
						same – pervasively foliated, thinly, light grey
						monotonous phyllite. Perhaps everything
						below #29 is Mt. Mly Fm.
						Broken + minor 10Q0 below 940.5
						Lower contact broken, nearly gouged (3cm)
L	914	915		93	4L0	bleached phyllite; lower ctc //Sz
L	915	916		94	3G0	[5B6] as above, monotonous grey thinly fol. phyllite
L	916	918		95	3G1	as above but crenulated, and w/ siliceous (?)
						layers up to 1cm thick. Perhaps just a siltier
						protolith. Ctcs //Sz
L	918	918		96	3G0	[5B6]
						gouge 971.0 – 971.7
						minor 10Q0, lower ctc //Sz
L	918	919		97	4L4	(4H4)(4L4) qpy (9) @ 992
						lower ctc //Sz
L	919	919		98	4L0	minor Fe staining but not much in the way of sfds
L	919	101		99	3G4	minor gouge @ 996.6, v. minor sfds, (3G0)
L	1044	1051		100	5A1	? broken core
L	1051	1061		101	3G0	minor qtz veining //Sz Lower ctc //Sz but possibly also fault?
L	1061	1085		102	4L0	fault gouge 1079.6 – 1080.2
						lower ctc bxiated + vuggy 15cm
L	1085	1087		103	5C4*	marip lower ctc broken
L	1087	1091		104	4L1	bxia. Note 2cm clasts of sfds Fault?
L	1091	1094		105	FAULT	4L gouge + fractured – bxiated core
L	1094	1100		106	5C4*	minor marip [5D ? 5F ?]
L	1100	1117		107	4L0	Note hematite stain 1110 – 1113.3 + slight bxiation @ 1113

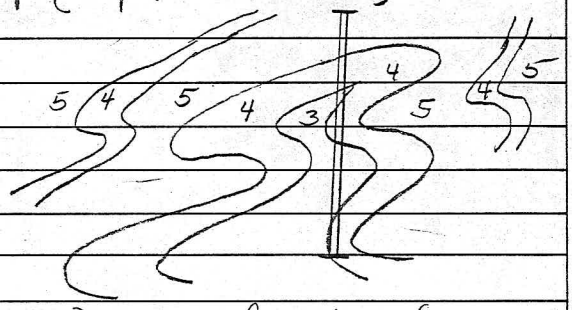
DDH FAGA030 (2–8)

Cyprus Anvil Mining Corp.

Lithologic Log

Page 8 of 21

Date: _____ Logged By: SM

Code	From	To	Recov.	No.	Unit	Description
1	10–14	16–20	22–24	26–28	30–34	35
						minor py+po (note po fracture fill @1114)
						
						Drilling thru footwall 4L of overturned limb of major horizon??
						minor 10Q0
L	1111170	1111184		1108	14G4*	Dolomite w/ hairline cc fractures.
						Is there truly barite here? Can't be certain, it could all be dolomite but I think there is some barite [4E4*Dolo]
						Orange to orange-red sp.
L	1111184	1112009		1109	14L0	
L	1112009	1112120		1110	14L01	gouge
L	1112120	1112H3		1111	14E4*	FeMgCa carb spots + some cc gangue matrix esp @ FW.
						Note 4E brxia 1123-1123.5 4E frags in dark (siliceous?) matrix
						(4L gouge) 1122.3-1123. Is this just a sliver of sfds caught up in a fault?
L	1112443	1114127		1112	14L01	minor py+po
						minor 10Q0 @1136 then broken core + slight gouge to 1138.5
						brxed etc 1152
L	1114127	1114559		1113	15C14*	mottled. : sericite, chlorite, dolomite
L	1114559	1115554		1114	14L2	
L	1115554	1115170		1115	14A01	minor sfds, no base metals
L	1115170	1119447		1116	14L01	minor sfds
L	1119447	1119776		1117	15C3*	cc+dolo or ank, chlorite. As unit 113 w/o sericite
L	1119776	1120500		1118	14A01	minor sfds' no base metals; subtly brxiated locally
L	1120500	1121388		1119	14L01	(10Q0) (5B26)
L	1121388	1122400		1120	3G9	[5B26] (4L0)

DDH F.A.G.A.0.3.0 (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
4	1224.0	1231.0		121	4LO	strong Fe staining to 1227
4	1231.0	1233.3		122	FAULT	white (4LO) gouge
4	1233.3	1241.0		123	4LO	
4	1241.0	1251.0		124	4L6	
4	1251.0	1256.4		125	5C*	dol/ank
4	1256.4	1258.0		126	4L6	/
4	1258.0	1261.8		127	5C*	
4	1261.8	1278.0		128	4L6	1264.5-1266.0 v. broken
						EOH
						Too short? A deeper hole would have provided Mt Mye vs Vansoda info and also might have intersected other limb of same horizon see pg 8
						Note: major disruption ie faulting near EOH

C.A.M.C. 1981 – E-3

Meters

Brief notes to be incorporated into Log

DDH FAGA030 (2 — 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: 28 July 83 Logged By: LCP/GAJ

Code	From	To	Recov.	No.	Unit	Description
1	10 — 14	16 — 20	22 — 24	26 — 28	30 — 34	35
L	12157	12137			4L10	originally 3G0 stringered Lower contact w/ 5B46 is gradational through 3G48 stringered
L	12152	12171			5B16	stringered
L	12171	12180			4L10	possibly original rock 5D gouge @ base
L	12180	12466			5B6	No sulfide porphyroblasts [3G0] possible minor interbeds of 5D4* Lower contact w/ 4L0 is gradational
L	12489	12537			5B16	very gouged
L	12733	12771			4L10	close to 3G48 stringered probably often 3G0 stringered
L	12771	12794			5B16	[3G4 weakly stringered]
L	12829	12892			3G0	local lithons 1 po porphyroblast noted
L	12892	12897			4L10	[3G4 (3B*)] possible halo in 3G around 3B*
L	12941	12952			3G11	[3G5] rich in quartzose siltstone beds Not exhalite siliceous
L	12952	13008			3G0	[3G0 stringered ±4] chlorite-biotite-po stringers
L	13034	13183			3G4	[3G0 stringered] still quite grey minor speckled locally

DDH FA.GA.030 (2 / 8) Cyprus Anvil Mining Corp. Page ____ of ____

Lithologic Log Date: 28/7/82 Logged By: LCP/GAI

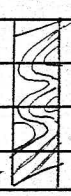
Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	13183	13203			5A19	→ 3G96 w/ stringers
L	13203	13231			13G101	[3G0 stringered + speckled + $]
L	13231	13307			14L101	[4L2 ±1 (3C* minor)] pyrite / locally siliceous
L	13335	13355			5C14*	[5D#] chlorite still present not a good 5C texture
L	13355	13405			14L101	after 3G0 stringer (py, po, cpy) (± 4L@ after 3G speckled)
L	13427	13483			14L101	[4L2] pyrite stringers / might be after 3G0 stringered
L	13483	13493			5C14*	[5C*] still has chlorite
	13614	13650			5C13*	[5C* ±4] w/ pretty good chlorite
	13650	13673			14A101	[4A0 ±7? (4C0)(3G96)] transitional to both round brackets
	13673	13703			14L101	(3G0 stringered) interbedded w 4L
	13700	13713			13G91	(4L0)
	13786	13822			14L161	[3G48 stringered] parent clearly 3G0 stringered pale green color
	13830	13834			14L16	[3G48 stringered] " "
	13849	13895			14L161	[3G48 stringered] " "

C.A.M.C. 1981 – E-3

DDH FAGA030 (2–8) Cyprus Anvil Mining Corp. Page 10 of 21

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		1500	PSZ				57/230	
S		1700	PSZ				70/230	
								@ 84.2 v. thin gouge @ 50°/50°
								Possible fold nose @ 85.6 (not certain)
S		10147	PSZ				61/230	
S		12125	PSZ				64/230	
								@ 136 fracture causing some broken core 13°/50°
S		14140	PSZ				69/230	
								@ 162.2 fracture causing some broken core 36°/50°
S		16135	CSZ				67/230	
								@ 168 fracture w/ minor offset 36°/230° where S_2 is 61°/230°
S		18120	CSZ				66/230	
								@ 183 cc vein 8°/110°
S		19106	CSZ			45/311	61/230	S_1 dipping 45°/180°
								@ 219 fracture w/ v. minor brxiation 28°/50°
								@ 220 cc tension gashes 15°/320°
								Note: D (down-dip) sym continuing
								@ 223 cc tension gashes 34°/50°
S		22216	CSZ				54/230	
S		23230	PSZ				40/230	⇒ local (~1.5 m) steepening of S_2 + pervasively sheared (short limb?)
								@ 251 cc tension gashes 15°/275°
S		25180	CSZ				71/230	
								@ 279 possible fold nose
S		28180	CSZ				61/230	



C.A.M.C. 1981 – E – 4

DDH FAGA030 (2 8) Cyprus Anvil Mining Corp. Page 11 of 21

Structural Log Date: _____ Logged By: JSM

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
								@286.5 fractured 10QU causing rubble 22° to C.A.
S		30100	CSIZ				61 2330	
								@ 315.6 fracture 20°/230°
S		32117	CSIZ				60 2330	(Note; no longer D sym but S sym)
S		33150	CSIZ				65 2330	
S		35155	CSIZ				71 2330	
								@388.5' subvertical cc tension gashes
								@390' cc tension gashes 15°/05°
								@392' S4 24°/85° causing kinking over 3m interval
								@~407 fracture above gouge 50° to C.A. → not reliable as gouge controller
S		41230	CSIZ				70 2330	
S		44200	PSIZ				70 2330	
								~456 possibly stp fractures thru broken zone
S		46140	CSIZ				61 2330	
S		47130	CSIZ				66 2310	
S		50100	PSIZ				55 2330	comp bndg in sfds
S		51150	PSIZ				515 2330	S_2? sericitic foliation in sfds
S		53100	PSIZ				69 2330	5D4
S		55125	PSIZ				66 2330	5B4L
S		56100	PSIZ				42 2330	S_2 above gouge zone
S		60100	PSIZ				55 2330	in sfds
S		63100	CSIZ				70 2310	S_2 in 4A
S		65543	CSIZ				53 2330	S_2 in 4A
S		66060	PSIZ				70 2330	5D4
S		68150	PSIZ				61 2330	
								fracturing sub// S_2 58° to CA
S		70000	PSIZ				60 2310	5D4
S		72105	PSIZ				55 2330	in sfds
S		74120	PSIZ				65 2330	
S		76165	PSIZ				85 2310	

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

DDH FAGA030 (2 8) Cyprus Anvil Mining Corp. Page 12 of 21

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	
								@780.2 fracture above gouge zone 35° to C.A.
S		178145	PS12				62 230	
S		18080	PS12				66 230	
								@816 fractures w/in gouged zone = 35° to C.A.
S		181225	PS12				65 230	
								@826 fracture w/in gouge zone = subvertical
								@833 subvertical fracture near gouge
S		18460	PS12				65 230	in 4A
								@876 fractures controlling rubble 30° to C.A.
S		18911 2	PS12				70 230	→ top of gouge. Gouge 11/2?
S		91160	PS12				52 230	
S		93130	PS12				80 230	
								several fractures near 940' @ 20° to C.A.
S		96170	GS12				62 230	
S		97170	PS12				70 230	
S		99150	PS12				71 231	
								@997 fractures thru gouged zone @ 35° to C.A.
								Possible fold nose @ 1011' E
S		101165	PS12				68 230	
								1018.5 subvertical fracture becoming 40° to CA @ 1019.5
S		103150	PS12				68 230	
		NOTE						@1052 fracturing @ 35° to CA
S		105160	PS12				70 2310	
								1069 - 1070.5 fracturing @ 20-30° to C.A.
S		107150	PS12				70 2310	
								@1079.7 fracture above gouge 50° to CA. ?
								1081.5 fracturing @ 38° to CA

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

DDH FAGA030 (2 8) Cyprus Anvil Mining Corp. Page 13 of 21

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	
								1085. subvertical fracture w/in bxia.
								1087 fracture @ 40° to C.A.
S	111016	5 PS12					61623C	
								fractures @ 20-45° to C.A.
								1125.6 fracture thru gouge interval 30° to C.A.
S	111270	PS12					70231C	
S	111510	5 PS12					65231C	
S	111795	PS12					60231C	
S	111950	PS12					60231C	
								@1202.4 fracture (well healed) w/ indeterm offset @ 62° to CA.
S	112207	PS12					70231C	
								12265 subvertical fracturing below bxiation
S	112380	PS12					63231C	
S	112570	PS12					80231C	
S	112755	PS12					70230	

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

DDH FAG-AO-30 (2 / 8) Cyprus Anvil Mining Corp Page

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

Feet

#1

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTI
	10 14	16 20	22 26	28 30	32 34	36 40	42
P	1474.2	1477.0	161719	128	123	14E1411	(4H4 ± 2) #3
P	1477.0	1481.03	161810	133	130	15B1Z11	6 [3421] #3
P	1481.03	1486.3	161811	160	168	14A141	+3G2 #3
P	1486.3	1487.7	161812	114	111	14A/40	±3 +3G2 #
P	1487.7	1491.0	161813	133	135	14A11	phyllitic
P	1491.0	1496.2	161814	152	170	FAILLIT	gouge + p.p.
P	1496.2	1504.4	161815	182	168	14A11	phyllitic
P	1504.4	1511.05	161816	161	165	14A11	phyllitic
P	1511.05	1517.1	161817	166	170	14L11	± 4
P	1517.1	1521.4	161818	143	146	15C141*	
P	1521.4	1529.3	161819	179	170	14A114	(4L14) (4A1) ±3
P	1529.3	1534.8	161910	155	196	15D141*	(4A41 4L14
P	1534.8	1539.9	161911	151	150	15D141*	(4A41 4L14
P	1539.9	1541.8	161912	119	116	15B1416	
P	1541.8	1543.9	161913	121	120	10101Q10	
P	1543.9	1545.9	161914	120	120	15B1416	
P	1545.9	1551.43	161915	184	180	14B141	sericitic (4A
P	1551.43	1561.0	161916	167	175	14B141	sericitic (4A
P							⇒ gouge + wa
P	1581.20	1581.82	161917	162	164	14B141	very sericiti
P	1581.82	1595.59	161918	177	170		
P	1595.59	1601.25	161919	156	165		
P	1601.25	1606.66	170101	151	153		
P	1606.66	1611.52	171101	186	187	14A114	phyllitic
P	1611.52	1622.26	171102	174	170	14A114	phyllitic
P	1622.26	1626.0	171103	134	108	14L014	rubble + g
P	1626.0	1630.7	171104	147	148	14A11	phyllitic
P	1630.7	1633.7	171105	130	126	14L101	grey gou
P	1633.7	1640.7	171106	170	151	14A114	phyllitic
P	1640.7	1646.1	171107	154	150	14A114	phyllitic
P	1646.1	1652.0	171108	159	159	14A113	±3G2
P	1652.0	1659.2	171109	172	170	14A113	±3G2
P	1659.2	1661.3	171110	121	116	14A1311	→ 4
P	1661.3	1661.26	171111	113	111	14A1311	bxia
P	1661.26	1664.5	171112	119	119	14C10	

DDH FAGA030 Cyprus Anvil Mining Corp

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Logged by JSM

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

	CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION	
	1	10 14	16 20	22 26	28 30	32 34	36 40	42	
#2	D	17011 4	17095	71113	181	174	14D145	(4A41 +3Gz)	#62
	P	17095	71123	71114	128	127	14D41		#63
	P	71123	71142	71115	119	114	14D145	(4J)	#64
	P	71142	71191	71116	149	147	14A141	+ 3Gz	#65
	P	71191	72110	71117	119	120	14L41	+phyllite	#66
	P	72110	72168	71118	158	148	14A141	±3Gz (4D45)	#67
	P	72168	73102	71119	134	134	14D41		#68
	P	73102	73883	71120	181	180	14A1411	+3Gz (4D,45)	#69
	P	73183	74105	71121	122	116	14A1113		#70
	P	74105	74600	71122	155	148	14L101	No visible grade but	#71
	P	74600	75185	71123	125	169	14L10	Sample the portion already split by KA	
#3	P	81337	81377	71124	140	135	14E141	(4K0)	#80
	D	81377	83995	71125	118	117	14A141	+3Gz	#81
	P	83995	84136	71126	141	150	14A111	±3 ±3Gz	#82
	P	84136	84155	71127	119	118	14A41	+3Gz	#83
	P	84155	85166	71128	111 1	167	14A111	±3 ±3Gz Poor recvy	#84
	D	85166	86133	71129	167	150	14A111	±3 ±3Gz	#84
	D	86133	87105	71130	172	146	14A111	±3 ±3Gz	#84
#4	D	91167	92143	71131	188	179	14A111	±3 +3Gz	#89
	P	92143	92174	71132	119	125	15B121	6 [3Gz]	#90
	P	92174	92183	71133	109	115	14A141	+3Gz	#91
#5	D	91870	91930	71134	160	150	41L17	(4H4)(4L147) (9)	#97
#6	P	111170	111184	71135	114	114	14G141*	Dolo [4E4*Dolo]	#108
	P	111184	111220	71136	136	131	14L40	+4L0 gouge	#109, 110
	D	111220	111243	71137	123	120	14G4*	(4E brecia) (4L gouge)	#111

Feet!

FAULT

DDH FAGA030 (2 / 8) Cyprus Anvil Mining Corp. Page ____ of ____

Structural Log Date: 21 Oct /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		1814 2	/G			510 1810		very thin gouge
F	1920	1970	GP					gouge & poor recovry
F	1110 9	1125	Q					1090
F		1316 0	J			113 1810		fracture
F		1622	J			316 180		fracture
F		1618 0	J			316 0100		fracture w/ minor offset
F		2119 0	J			218 090		fracture w/ minor bxiation
F		2120 0	J			115 0910		cc tension gashes
F		2123 0	J			315 1810		cc tension gashes
F		2151 0	J			115 0415		cc tension gashes
F		3115 6	J			210 0100		fracture
F		3188 5	J					subvertical cc tension gashes
F		3910 0	J			15 1315		cc tension gashes
F	4101 70	4101 80	G					fracture above gouge 50° to C.A.
F	4121 26	4131 04	B					broken
F		4151 70	B			919 9199		broken // S_2
F	4161 15	4162 25	B			919 9199		broken // S_2
F	4191 0	4196 2	GP					gouge & poor recovry
F		5550 0	R					rubble
F	5610	5613 5	G					gouge
F	5615 5	5182 0	B3P					broken / extremely poor recovry — fault?
F	6212 6	6216 0	RP					rubble & poor recovry
F	6310 7	6313 7	GB					grey gouge & broken core
F	6315 5	6318 3	B					broken core
F		6141 5	R					rubble
F	6412	6430	B					broken
F	6416 2	6418 0	/X					slightly bxiated & vuggy
F	6161 3	6626	X					bxa & vuggy
F		6911 0	G			919 9199		gouge // S_2
F	6915 7	6917 7	Q			919 9199		1090 // S_2
F		7580	GP			919 9199		gouge // S_2 poor recovry
F	7730	7740	RQ					rubble & 1090
F	7802	7809	G					fracture above gouge 35° C.A.
F		8165	G					fracture in gouge 35° C.A.
F	8165	8312 5	G	6				60% recovery — 55% gouge

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

fracture in gouge subvertical

Feet

FAULT

DDH EAGA030 (2 8) Cyprus Anvil Mining Corp. Page ____ of ____

Structural Log Date: 21 Oct 83 Logged By: ____

Code	From	To	Feature	Sys	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
	10 14	16 20	22 24	26	28 32	34 38	40 44	
F	181325	181337	G					subvertical fractures near gouge
F	181337	181377	DI					dolomite clasts in pyrite matrix
F	181613	181680	RIPI					rubble & poor recovry
F	181705	181911	RIPIB					rubble / broken core / poor recovry
								876' fractures 30% core axis
F	181911	181965	3IG		919 919			heavily gouged
F		191010	BI					brken
F		191110	BI					brken
F	191180	191260	JI					fractured, vuggy
F	191710	191717	GI					gouge
F		191966	IGI					minor gouge
								fractures 35° C.A.
F	101185	101195	JI					fractures 11 C.A becoming
								40° C.A Downhole
F	101443	101510	BI					brken core
F		101520	JI					fractures @ 35° core axis
F	101690	101705	JI					fractures 20-30° C.A.
F	101796	101810	2GI					fracture above gouge 50° C.A.
F		101815	JI					fractures 38° C.A.
F		101850	XI					fracture in brx 11 C.A.
F	101870	101915	XI					brx, 2cm sulfide clasts
	101915	101943	GIXI					gouged, fractured, brxiated
F		111130	IXI					slight brxiation
F	111209	111220	GI					gouge
F	111230	111235	XI					4E fragen in siliceous matrix
	111223	111230	GI					1125' fracture @ 20-45°C.A.
	111360	111385	BIIGI					brken core & minor gouge
	121310	121333	GI					4CO gouge
	121645	121660	3IGI					very brken

1087' fracture 40° C.A.

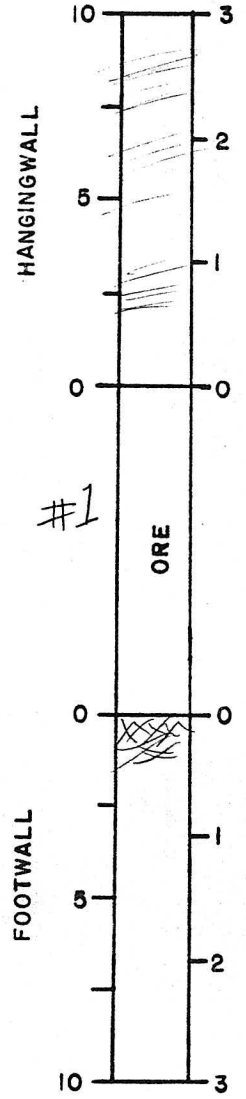
C.A.M.C. 1981 - E - 4

DDH- FIAIGIAIOI3IO

#1 474.2-664.5

GEOTECHNICAL LOG

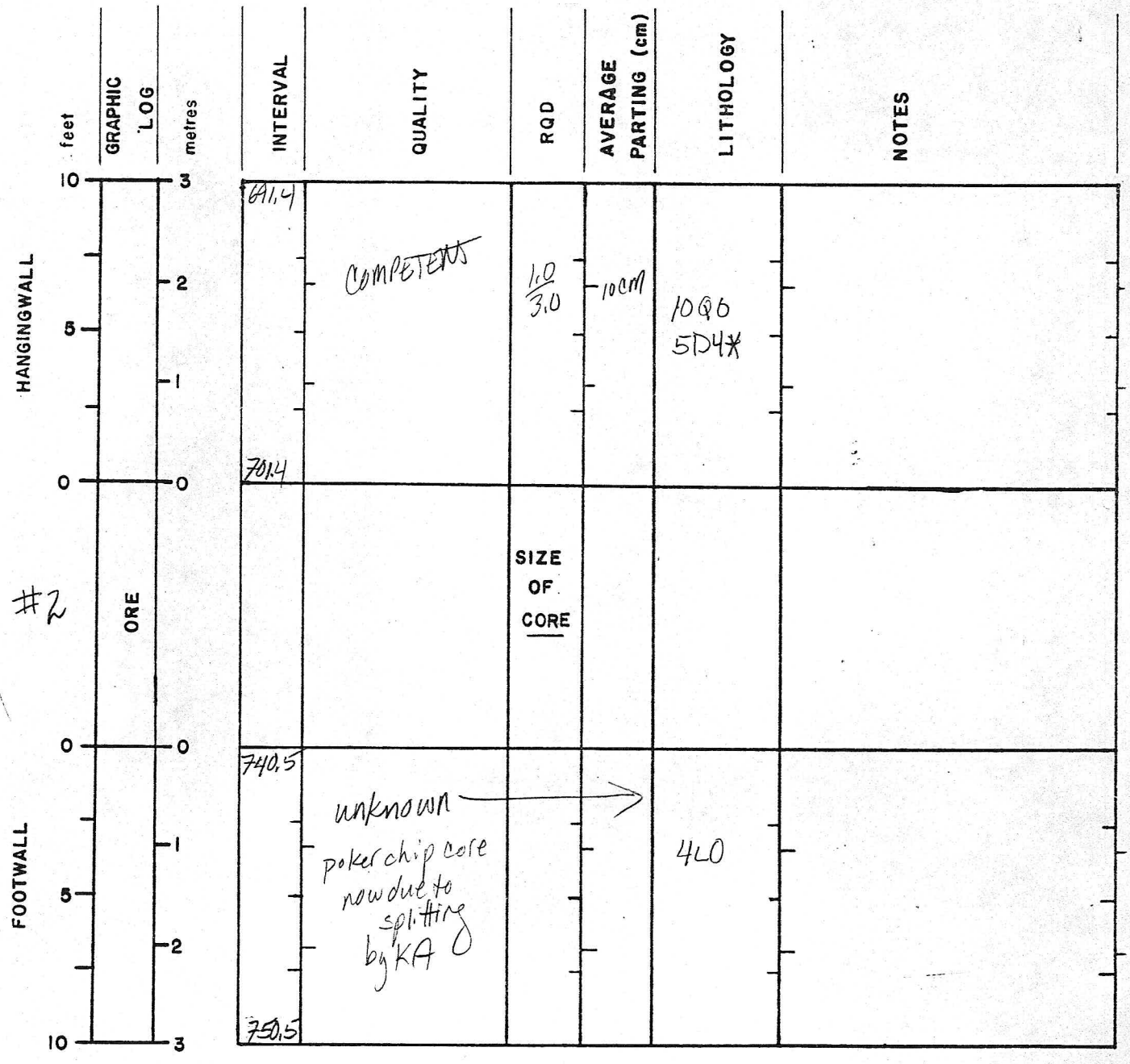
Feet



INTERVAL	QUALITY	RQD	AVERAGE PARTING (cm)	LITHOLOGY	NOTES
464.2	COMPETENT?	0/3.0	1cm	5B216	Much pokerchip core
474.2		SIZE OF CORE BQ			
664.5	→ broken core COMPETENT	.6/3.0	7cm	5D4*	
674.5					

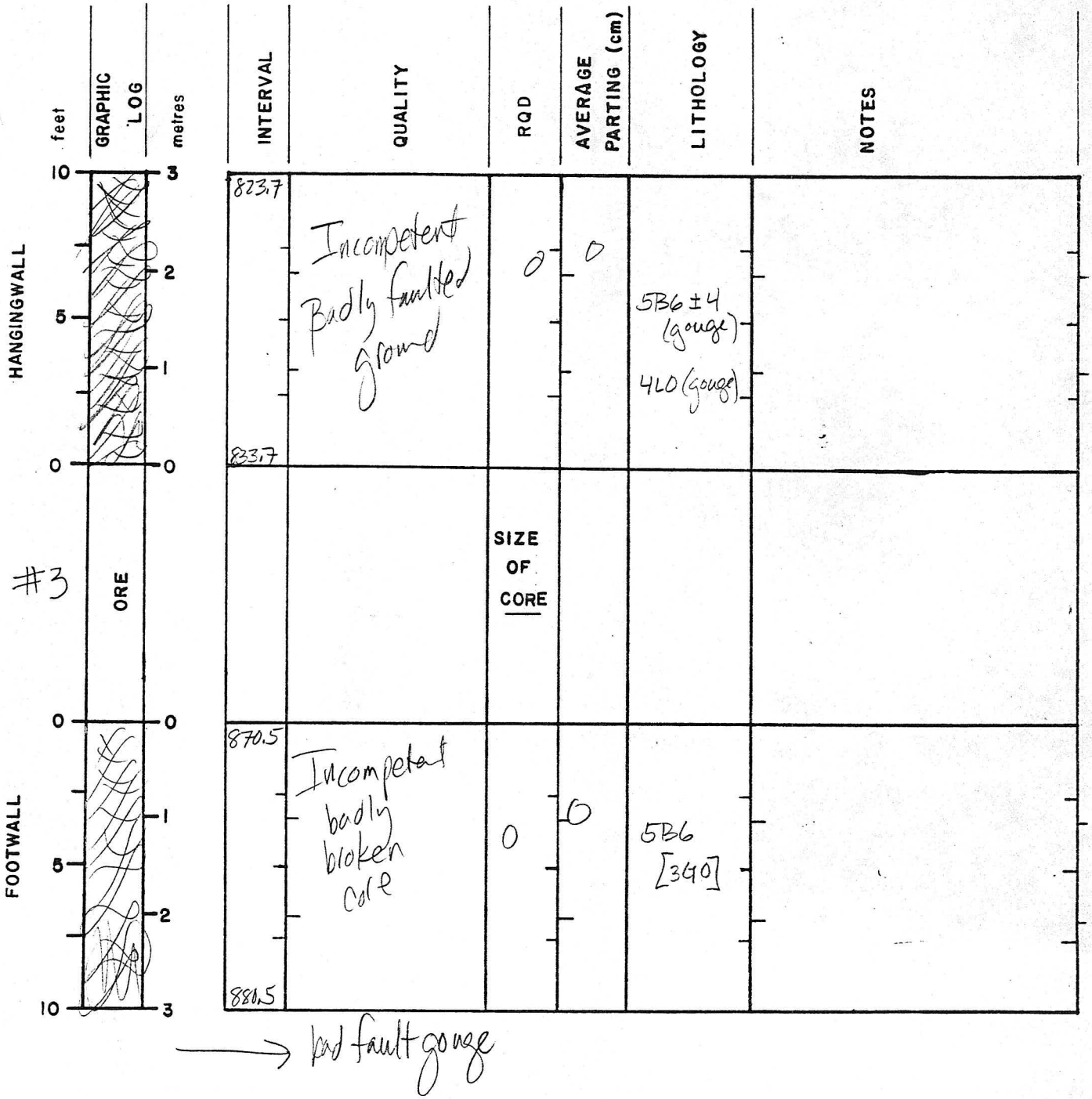
DDH- F1A1G1A101310
#2 701.4-740.5

GEOTECHNICAL LOG



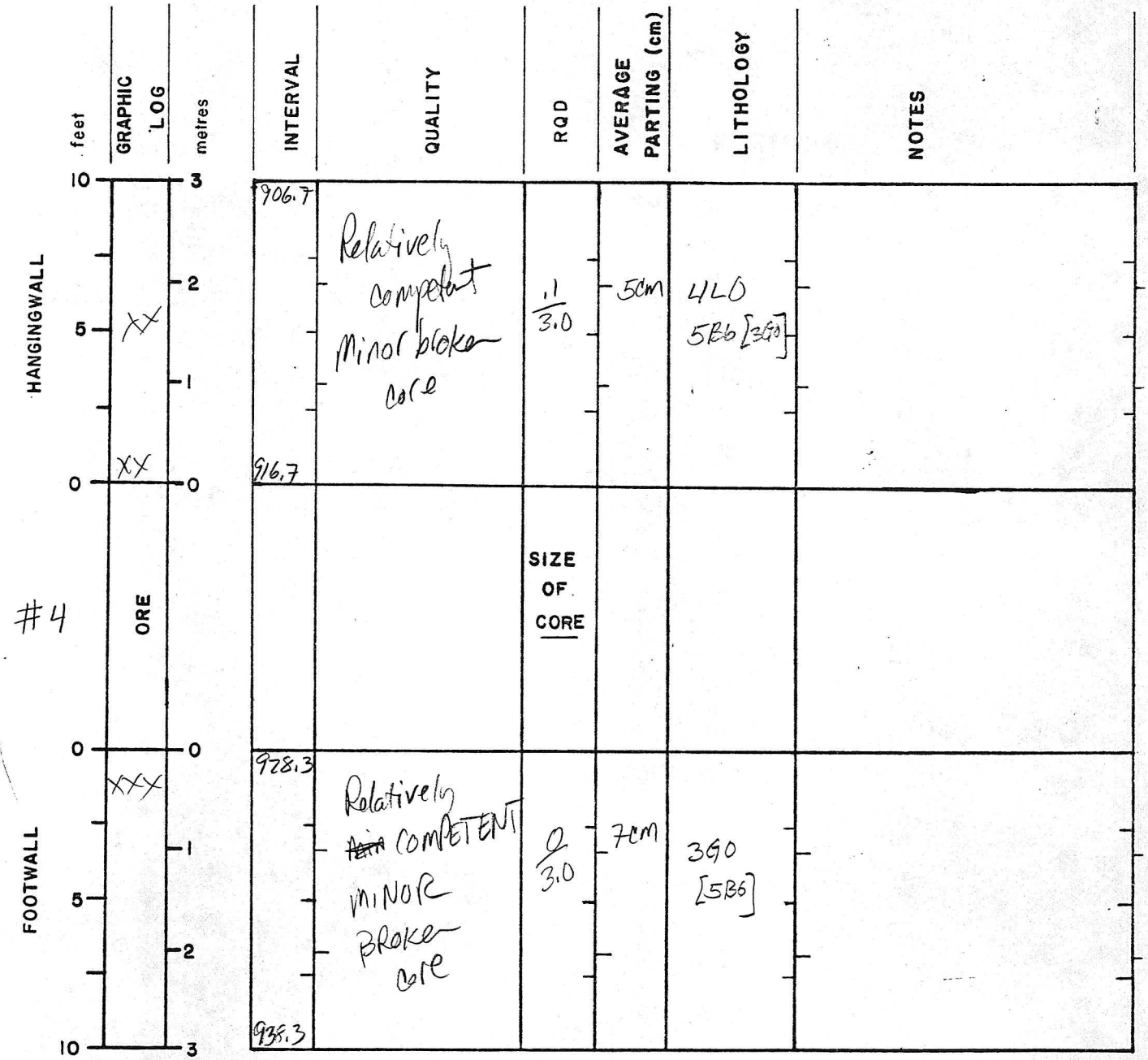
DDH- FIAIGIAIOI3IOI
#3 833.7 - 870.5

GEOTECHNICAL LOG



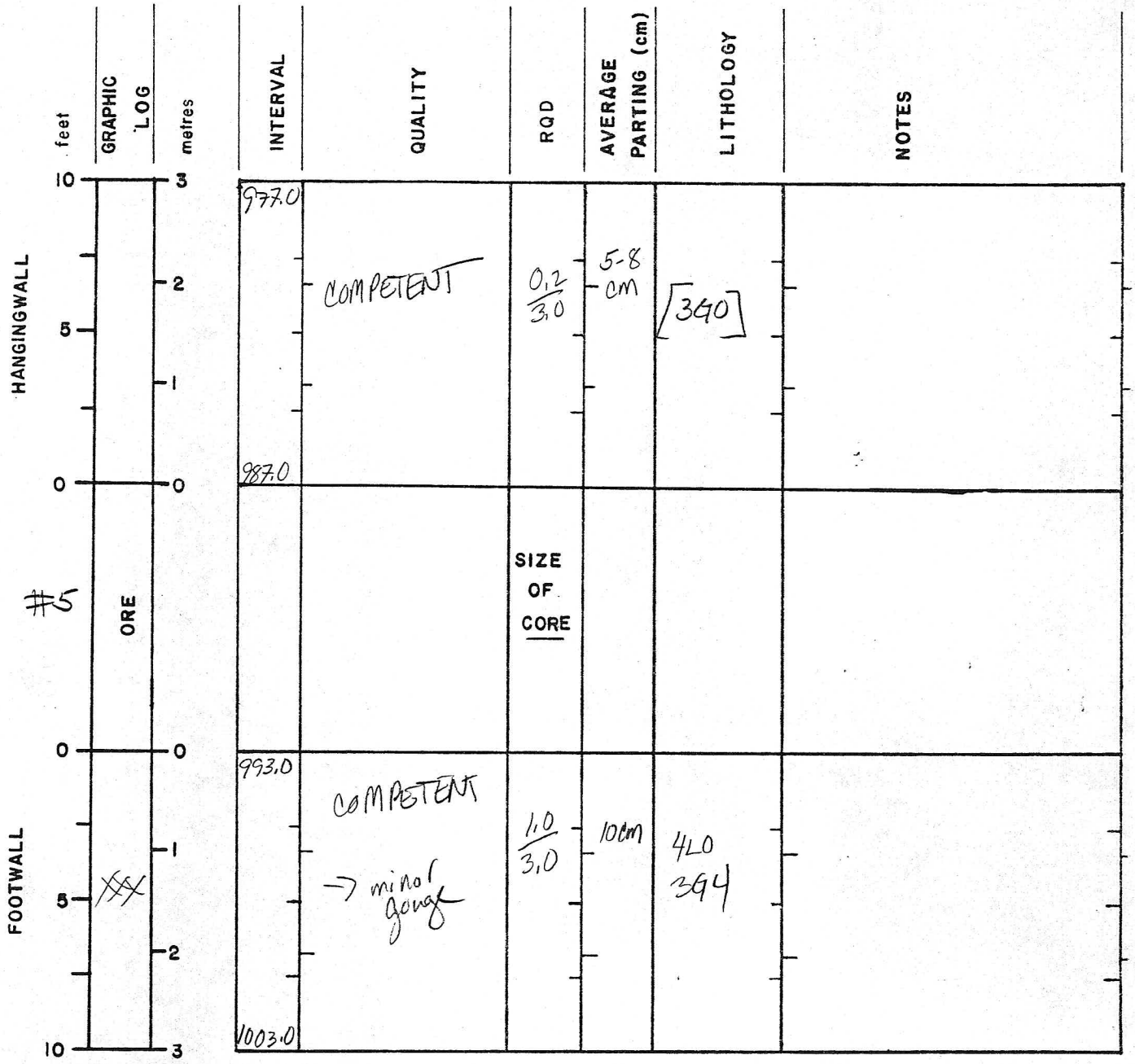
DDH- EIAGIA01310
#4 916.7 - 928.3

GEOTECHNICAL LOG



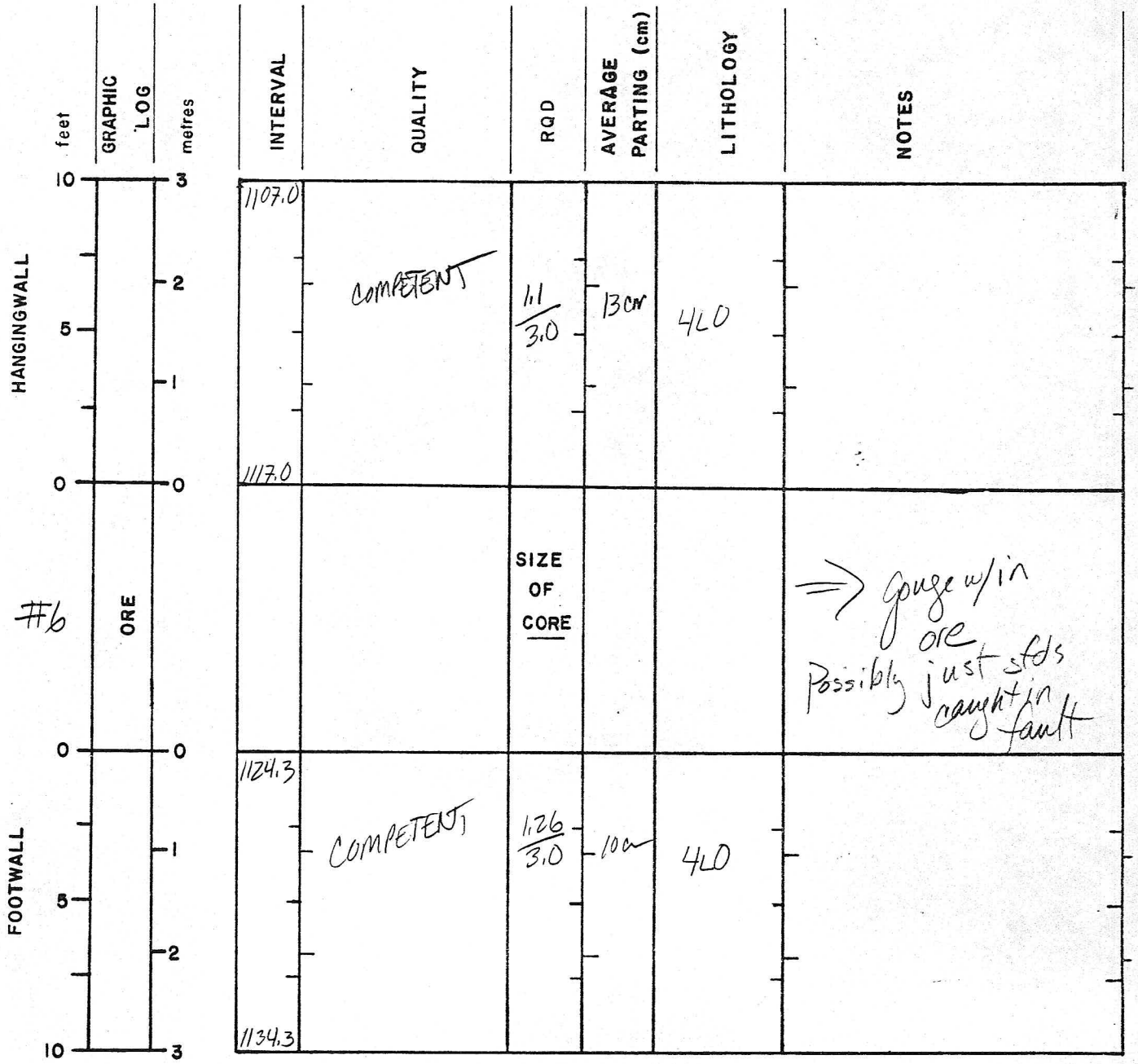
DDH- FIAIGIAIOI3IO
#5 987.0 - 993.0

GEOTECHNICAL LOG



DDH- F1A1G1A0131O1
#6 1117.0 - 1124.3

GEOTECHNICAL LOG



DIAMOND DRILL RECORD

LOGGED BY Fred Chow

Flotation - 382.4 - Section 76 Jan 31, 1976 A.Hyndman

PROPERTY Vangorda - Kerr Addison - AEX - Joint Venture

D.D.H. No. A - 30 PAGE 1 of 8

LATITUDE 10840.94 N 4162' BEARING OF HOLE _____ STARTED Aug. 15/74 D.S.

DEPARTURE 7578.39 E 76W DIP OF HOLE - 90° COMPLETED Aug. 26/74 N.S.

794' P.A. Topog.

ELEVATION 4267' A.S.L. (1313.87m) DIP TESTS _____ DEPTH Proposed: Ultimate: 1278' (389.53m)

CLAIM No. CHUCK 5

N

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec. Ft.	Sample No.	Footage From	Footage To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Feet Pb	Assay x Feet Zn	Assay x Feet Ag
0	41	OVERBURDEN: Mainly Granitic boulders, also Greenstone and black, fine grained volcanics(?)													
41	158	QUARTZ-SERICITE PHYLLITE. Light grey, thinly foliated except footages 47-50', 112-118' and 138.5-140' where highly quartzose. 43-109' fissile. A few pyrite blebs and streaks. A few fractures, 92-97' shear and breccia.	28/30		41	71									
			17/21		71	92									
			6/5		92	97									
			23/25		97	122									
		Core angles: 50° at 43'; 60° at 47'; 55° at 55'; 50° at 58'; 65° at 64-110'; 55° at 113-123'; 60° at 129'; 75° at 135'; 80° at 141'; 70° at 142-158'	4/8		122	130									
			28/28		130	158									
158	306	QUARTZ-SERICITE PHYLLITE. Ligh grey, banded, quartzose, well foliated + undulating. F_1 prominent at 60-90° to F_2. Negligible pyrite.	138/140		158	298									
			5.5/8		298	306									
		Core angles: 65° at 159'; 60° at 161-169'; 65° at 170'; 70° at 171'; 75° at 185-203'; 80° at 204-210'; 65-70° at 213-230'; 55° at 231-234'; 75° at 236'; 70° at 239'; 75° at 246-258'; 70° at 261-282'; 75° at 285-294'; 70° at 295-302'													
306 (93.2)	445 (135.6)	QUARTZ-SERICITE-CHLORITE PHYLLITE. Pale grey with tinge of green in some sections. Chlorite 1-2%. Also short sections medium grey sericite. Negligible pyrite. Banded with abundant quartz to 383', and with F_1 prominent. Becomes more schistose from 383-445. Shear at 407-408' with breccia, upper contact at 60°.	45/47		306	353									
			58/59		353	412									
			2.2/4		412	416									
			29/29		416	445									
		Core angles: 70° at 310-383' (122.9 - 124.9); 80° at 384'; 70° at 389'; 80° at 395-403' (124.9 - 125.9); 70° at 404-406'; 65° at 409'; 60° at 410'; 70° at 412-425'; 80° at 426-428'; 65° at 429'; 70° at 430'; 85° at 431' (124.3); 75° at 434'; 70° at 435-445' (135.6).													
445	460.5 (140.3)	QUARTZ-SERICITE-GRAPHITE PHYLLITE. Light to medium grey, thinly laminated and fissile. 1-2% graphite, 80% quartz. Slightly altered. Core angle: 70° at 446-459' (139).	15/15.5		445	460.5									

57.2

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. A - 30 PAGE 2 of 8

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

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

N

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
460.5	474.2	QUARTZ-GRAPHITE PHYLLITE. Dark grey to black, banded and also	13/												
	144.5	thinly laminated. Schistose. Moderate shearing, 5-15% graphite,	13.7		460.5	474.2									
		blebs + streaks pyrite, negligible lead-zinc.													
		Core angles: 80° at 461'; 70° at 462'; 60° at 466'; 55° at 469';													
		70° at 470'; 65° at 471'-473'													
474.2	663.5	SULPHIDE ZONE IN QUARTZ-GRAPHITE and quartz-sericite (± graphite)	2.8	387	474.2	477	2.8	8.70	17.1	4.32		6.45			
		phyllites. Pyrite, sphalerite and galena occur mainly in narrow	3	388	477	480	3	.23	.42	.15	3.15	3.45	(F4) 12.9	Plotted.	
		(1/4") bands and threads following F_2, also filling hairline	7	389	480	487.1	7.1	2.20	5.16	1.09					
		fractures, within highly quartzose graphitic and/or sericite	5.6	390	487.1	494	6.9	.69	.98	.35	1.67 3.50	Plotted			
		rocks. Rock highly fractured; show intense to mild brecciation.	.8	391	494	498.5	4.5	1.60	1.94	.59					
		Pyrite content unusually low 1-3% pyrite with sericitic rocks and	1.3	392	498.5	499.8	1.3	2.23	3.24	.83	5.47 2.23	"			
		up to 15% pyrite in graphitic rocks. Sericitic rocks range from	4.3	393	499.8	504.9	5.1	1.38	.85	.59					
		light greyish to white. Both F_1 + F_2 mineralize from 582' - rocks	5.6	394	504.9	510.5	5.6	1.94	2.00	.65	3.54	"			
		slightly leached, fuschite highly leached near shears.	6.4	395	510.5	517.1	6.6	1.63	2.94	.74	5.17				
		474.2 - 477.0 MASSIVE SULPHIDE with 0.2' fuschite in sericite and	42/43		517.1	521.4					20				
		0.2' quartz vein; 45 pyrite, 6 lead, 18 zinc.	7.3	396	521.4	529.3	7.9	2.13	4.38	1.03					
		480.0 Quartz-graphite, minor sulphide, 0.1% lead zinc	6.4	397	529.3	537	7.7	.19	1.02	.03	"	"			
		487.0 Quartz-graphite-sulphide banded, 15-20 pyrite,	2.7	398	537	539.9	2.9	.95	2.40	.15					
		8-9 lead zinc	5.3	399	539.9	545.9	6.0	.07	.18	.06					
		487.6 Quartz-graphite-sulphide banded, 5 pyrite,	5.4	400	545.9	552	6.1	2.85	7.32	1.18					
		1 lead zinc	9.0	527	552	561	9.0	3.45	6.84	1.71	"	"			
		499.8 Quartz-sericite-sulphide banded, 85% quartz, 3-5	34/45		561	565.5									
		pyrite, 3-6 lead zinc, shear at 493-3'; light grey	2.3/3		565.5	568.5									
		510.3 as above, 3-4 pyrite, 2-4 lead zinc	8/115		568.5	580									
		517.1 Quartz-sericite-sulphide streaks, white-buff leached	1.6	528	580	581.6	1.6	1.10	1.00	.44					
		5 pyrite, 3-4 lead zinc	7.4	529	581.6	589	7.4	3.53	6.12	1.56					
		521.4 Quartz-sericite bleached with fuschite, no sulphide	4.7	530	589	593.7	4.7	2.48	6.00	1.32	"	"			
		529.3 Quartz-graphite (ribbon qt 3-graphite) sulphide,	5.7	531	593.7	599.4	5.7	4.05	6.48	1.94					
		15 pyrite, 8-9 lead zinc, siliceous	7.4	532	599.4	606.8	7.4	2.50	4.86	1.24					
		545.9 Quartz-sericite bleached buff to 540', a few 0.4-	5.5	533	606.8	612.3	5.5	3.08	2.82	1.47	"	"			
		0.6' sections of banded sulphide, average 0.2 lead	5.6	534	612.3	617.9	5.6	2.85	2.88	1.12					
		zinc, negligible pyrite.	5.1	535	617.9	626	8.1	3.45	4.92	1.50					

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. A - 30 PAGE 3 of 8

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
		545.9 - 561.0 Quartz-sericite-sulphide banded, 15 pyrite, 10-11 lead zinc, siliceous.	5.6	536	626	632.5	6.5	1.43	3.48	.59					
		565.5 Quartz-sericite, grey sections bleached buff. Shear at 561.2-563'. Negligible sulphide	5.3	537	632.5	638.8	6.3	1.13	1.98	.44					
		581.6 as above, with 3-0.2' bands pyrite, lead-zinc	2.5	538	638.8	641.5	2.7	3.00	4.26	1.50					
		600.4 Quartz-sericite sulphide, banded 1-3 pyrite, 4-10 lead zinc, average 7-8%	5.2	539	641.5	646.7	5.2	2.35	4.74	1.09					
		645.3 as above, but less sulphide; 1-3 pyrite, 3-5 lead zinc. Shear at 625-626; 628', 630-634 accompanied by brecciation and leaching	7.1	541	649.5	656.6	7.1	2.85	3.48	1.12					
		649.5 Quartz-sericite-sulphide banded but highly brecciated, recemented firmly though severely leached (vuggy); 15-20 pyrite, Average 4 lead zinc	5.1	542	656.6	662	5.4	1.74	1.39	.88					
		663.5 Quartz-graphite-sulphide banded, siliceous and hard, 61% graphite in quartz forming "Ribbons", shearing, brecciation, moderate, leaching at 662', 20 pyrite, 1-10 lead zinc. (649.5-656.6' average 8-9 lead zinc)	2.8	543	662	664.8	2.8	1.63	.84	.59					
		Core angles: 65° at 477'; 75° at 480'; 70° at 481'; 60° at 483-549'; 65° at 552'; 70° at 554'; 60° at 557'; 80° at 565'; 60° at 580'; 75-80° at 583-591'; 70° at 592'; 60° at 599'; 60-75° at 606'; 50° at 607'; 75° at 613'; 70° at 614-641'; 65° at 654'; 70° at 657-663'		WK AV	599.4	656.6	57.2	c. 336 PE							
663.5	701.4	QUARTZ-SERICITE PHYLLITE - Bleached buff, siliceous and fairly hard. Banding not distinct, slightly folded. Uniform in texture. 1-2% pyrite, add speck fuschite, negligible lead zinc footages;	27/ 27.7		664.8	692.5									
		688.8-690.1 + 691.4-692' show sulphide bands but negligible lead zinc.	2.1/ 2.5		692.5	695									
		Core angles: 70° at 664-670'; 60° at 672'; 70° at 678'; 75° at 682'-689'; 35° at 690'; 50° at 692'-699'; 55-65° at 701'	5.8/ 6.4		695	701.4									

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 - 30 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
701.4	740.3	SULPHIDE ZONE in Quartz-Sericite phyllite. Pyrite, zinc + lead	9.2	544	701.4	711	9.6	5.93	8.40	2.50					
		sulphides as bands, often appear as disseminations. The zone is	6.8	545	711	718.2	7.2	4.88	10.31	2.35					
		highly fractured, brecciated but recemented into a hard firm rock.	2.6	546	718.2	721	2.8	.23	1.38	.12					
		Mineralization is fairly uniform though short (0.1-0.3). H.G.	4.1	547	721	726.5	5.5	6.08	9.96	3.09					
		bands occur. Only the quartz has been brecciated. The sulphides	5.9	548	726.5	732.5	6	8.10	14.88	3.74					
		form bands and groundmass for the quartz breccia. Local folds	5.7	549	732.5	738.3	5.8	7.20	11.78	3.00					
		present. F_2 mineralization: Average 15-20 pyrite, 14 lead-zinc	2.0	550	738.3	740.3	2.0	2.00	2.46	.88					
		(1/3 ratio), except 718.2-721 = 2 pyrite, 115 lead zinc. Sericite													
		generally buff form 1%± of rock, often silvery grey. Dark grey													
		streaks occur occasionally - probably graphite. From 721-740'													
		greyish-quartz "ribbons" are likely graphitic quartz. Late stage													
		(?) fracture filling by sphalerite form good clearage.													
		Core angles: 75° at 702'; 80° at 707'; 70° at 708'; 75° at 712';													
		65° at 718-721'; 75° at 722'; 80° at 726'; 70° at													
		731'; 80° at 735'; 70° at 737'-740'													
740.3	781	QUARTZ-SERICITE PHYLLITE, BLEACHED with minor sulphides. Highly	4.5	551	740.3	746	5.7	.12	.33	.85					
		altered, slightly talcy. Mainly bleached to buff color to 780'.	4.2	552	746	756.5	10.5	1.10	1.48	.44					
		Graphitic section from 770.5-771.5. Minor sulphide from 740.3-767.	21/10		756.5	766.5									
		1-3 pyrite, 1% of less lead-zinc. Shear + gouge (?) at 780-781'.	3/4		766.5	770.5									
		Core angles: 75° at 740'; 70° at 746-761'; 75° at 763-770';	25/35		770.5	774									
		70° at 771'; 60° at 779'	/7		774	781									
781	809	QUARTZ-SERICITE PHYLLITE. Medium grey, thinly laminated. Mild	7/7		781	788									
		alteration with threads buff colored sericite. Stronger alteration	4.9/7		788	795									
		at 786.2-787.2' + at 804-808'. A few scattered blebs and streaks	1.6/3		795	798									
		pyrite.	95/11		798	809									
		Core angles: 60° at 781'; 65° at 784'; 75° at 788'; 60° at 790';													
		75-80° at 794'-808'													
809	816.5	QUARTZ-SERICITE-PHYLLITE - BLEACHED, to buff color. Banded in	6.5/												
		distinct, lineation evident. 0.2% pyrite Core angle 75°	7.5		809	816.5									

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. A - 30 PAGE 5 of 8

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
816.5	832.5	QUARTZ-SERICITE-GRAPHITIC PHYLLITE. 5% graphite. Dark grey. Zone	12.5/												
		intensely sheared, contorted and partly brecciated. Rock soft + friable. Blebs pyrite. Core angles" 65° at 818'; 60° at 830'	16		816.5	832.5									
832.5	870.5	SULPHIDE ZONE in QUARTZ-GRAPHITIC PHYLLITE. Sulphide occur as bands	1.3/ 1.4		832.5	833.9									
		and appear to be disseminated in bands, the latter because of	5.9	553	833.9	840.1	6.2	3.75	7.68	1.68					
		brecciation and recementing. Massive brecciated sulphide occur from	3.4	554	840.1	843.5	3.4	.28	.55	.15					
		833.9' to 833.7. Tan colored feldspar occur as splashes also as	2.0	555	843.5	845.5	2.0	4.20	2.70	1.56					
		crystals within massive sulphide. Feldspars comprise 70% of rock	2.9	556	845.5	848.4	2.9	.35	.66	.21					
		from 832.5-833.9, remaining constituent is phyllite with minor	2.3	557	848.4	855	6.6	1.18	2.52	.59					
		pyrite.	6.0	558	855	866	11	.25	.60	.24					
		833.9 - 840.1 Massive sulphide and banded sulphide (70 + 15%) pyrite, 10-7% lead zinc.	3.1	559	866	870.5	4.5	1.55	3.30	.59					
		843.5 banded sulphide, 15-20 pyrite, < 1 lead zinc													
		845.5 banded sulphide, 15 pyrite, 8-9 lead zinc													
		848.4 banded sulphide, 15 pyrite, < 1 lead zinc													
		855 banded sulphide, 15 pyrite, 6 lead zinc													
		865 banded sulphide, 15 pyrite, < 1 lead zinc													
		870.5 banded sulphide, 15 pyrite, 6 lead zinc.													
		Core angles;" 70° at 834'-858'; 75-80° at 859'-865'													
870.5	895.5	QUARTZ-SERICITIE-PHYLLITE. Light grey, thinly laminated, highly	9.8/												
		sheared, especially from 891-896', with gouge. Negligible sulphide.	25		870.5	895.5									
		Core angles: 55° at 876', 55° at 881'; 65° at 884'; 50° at 895'													
895.5	908.5	QUARTZ-SERICITE- PHYLLITE, Bleached. 90% bleached to buff color;	9.7/												
		a few tight slips, 1% pyrite, lead zinc not noted.	13		895.5	908.5									
		Core angles: 75° at 897'; 70° at 900'; 80° at 902'; 65° at 903'; 70° at 906'													
908.5	916.8	QUARTZ-SERICITE-PHYLLITE. Light grey, thinly laminated sericite,	7.5/												
		quartzose, negligible sulphide.	8.3		908.5	916.8									
		Core angles 75° at 910'; 60° at 912'; 70° at 913-916'													

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. A - 30 PAGE 6 of 8

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
916.8	928.5	SULPHIDE ZONE IN QUARTZ-GRAPHITE-SERICITE-PHYLLITES. Weak banding of sulphide and quartz. Approximately 3% graphite and 2% sericite, 15-10% pyrite, variable lead zinc. 6-8% from 916.8-922.8' <.2% from 922.8-927.1', 15% from 927.1-928.5'. 925.5-927.1' barren of sulphides. Zone brecciated, quartz-sulphide-schist breccia from 917.5-920.5', quartz (+ sulphide?) breccia and partly schist in remaining footages. Core angles 60° at 917'; 70° at 923'-928'	4.7	560	916.8	922.8	6.0	.83	1.90	.21					
			3.9	561	922.8	927.1	4.3	.09	.57	.15					
			1.2	562	927.1	928.5	1.4	5.10	12.43	1.82					
928.5	964.5	QUARTZ-SERICITE PHYLLITE. Medium grey, thinly laminated, high sericite, fissile, A few scattered blebs and streaks pyrite, Fresh looking rock. Core angle: 75-80° at 930-964'	10.5/												
			12		928.5	940.5									
			4/5.5		940.5	946									
			18/ 18.5		946	964.5									
964.5	987.4	QUARTZ-SERICITE PHYLLITE. Light grey banded with pale grey, thinly laminated. Slightly altered with a few short bands of bleached buff sericite. Note brown mica in foliation. Approximately 0.2% pyrite occuring intermittently in quartz bands, also a few streaks of sphalerite, parallel to F_2. Shear and gouge at 970.5-973.5'. A few other tight slips. Core angles: 70° at 965-970'; 75° at 976'; 70° at 978-986'	8/10 12.9/		964.5	974.5									
			12.9		974.5	987.4									
987.4	995.5	QUARTZ-SERICITE-PHYLLITE-BLEACHED. Bleached to buff color, hard and siliceous. Massive pyrrhotite with 4-5% lead zinc and 0.4% copper at 988.1-988.4' and 991-992.5'. Remaining rock contains thin streaks pyrite with negligible pyrrhotite, galena and sphalerite. Core angles: 70° at 989'; 85° at 994'	.6/.6 5	563	987.4 988	988 993	5	1.88	1.86	.74					
			2.5/ 2.5		993	995.5									
995.5	1012	QUARTZ-SERICITE PHYLLITE. Light to medium grey, Alteration by bleaching diminishing. Banding and foliation not distinct, rock firm. Quartzose bands contains minor pyrite and scattered streaks and blebs of lead zinc. Core angle: 75°	8/8 1.6/		995.5	10035									
			4.5 4/4		10035 1008	1008 1012									

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. A - 30 PAGE 7 of 8

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

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

N

DIRECTION AND DISTANCE FROM

NE. CLAIM POST

CLAIM No. _____

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec. Ft.	Sample No.	Footage From	Footage To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Feet Pb	Assay x Feet Zn	Assay x Feet Ag
1012	1045	QUARTZ-SERICITE PHYLLITE with brown mica, chlorite and garnets (?) Rock similar to 996 - 1012' with addition of about 0.2% brown mica, 0.3% chlorite and odd bleb of pink garnets (?). Pyrite, lead and zinc occur in same amount as above section. Core angles: 70° at 1016'; 75-70° at 1017-1044'	33/33		1012	1045									
1045	1051	QUARTZ-GRAPHITE PHYLLITE. Dark grey to black, place sooty, fractured, shear at 1051', $F_1 \perp F_2$. Minor pyrite. Core angle 70-75°	23/25 15/35		1045 1047.5	1047.5 1051									
1051	1060.2	QUARTZ-SERICITE PHYLLITE. Medium grey blending with tan colored carbonate. Thinly foliated, abundant quartz-feldspar veinlets. Upper contact contorted with quartz pyrite. Core angle 70-75°	7.7/ 9.2		1051	1060.2									
1060.2	1198.6	QUARTZ-SERICITE PHYLLITE - Bleached and mineralized with pyrite. Zone completely bleached to buff color. Often talcy. Occasional	31/ 31.3		1060.2	1091.5									
		fuschite, brown mica at upper contact for 1 foot and at 1073-1074' Pyrite variable from less than 1% to 10%, average 1.5 to 2%,	4.8/6 16/		1091.5	1097.5									
		galena and sphalerite generally negligible except two short (≃1') sections plus fraction of an inch bands scattered. 1080' shear	16.5 2.2/		1097.5	1114									
		at 20° to core, minor breccia; 1084' -1084.8' shear with pyrite	2.2		1114	1116.2									
		breccia. 1087-1095' quartz-pyrite breccia, recemented except	2	564	1116.2	1118.2	2.0	4.43	6.24	2.09			8.86	12.48	4.18
		1091.5-1094.5, shear angle at 20° to core.	4.8	565	1118.2	1123	4.8	.33	.37	.18			1.584	1.776	0.864
		Massive sulphide at 1116.2-1116.5', 1116.9-1118.2 and at 1123-	1	566	1123	1124	1	4.73	5.76	1.91			4.73	5.76	1.91
		1124', each grading about 10-12% lead zinc with 30-40% pyrite.	38/38		1124	1162	7.8'	1.95	2.57	0.88			15.17	20.016	6.8724
		Also 2" massive sulphide at 1122'. From 1116.2-1125' highly	4.5/												
		sheared, rock locally brecciated, also leached but not the	15		1162	1167									
		sulphides. 1140-1146' chlorite rich (20%) bands. 1155.5-1156.8'	31/												
		Quartz-graphite phyllite with minor pyrite, pyrrhotite, galena,	31.6		1167	1198.6									
		sphalerite and chalcopyrite. 1194.5 -1197.4' chlorite rich banding.													
		Core angles: 70-75° at 1062-1079'; 30° at 1080.5'; 70° at 1082';													
		70° at 1096'; 85° at 1103-1106'; 75° at 1108'; 70°													
		at 1111'-1129', 75° at 1130'; 70° at 1134'; 55° at													

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 - 30 PAGE 8 of 8

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
		1135'; 70° at 1138-1160'; 65° at 1162'; 70° at 1174'; 75° at 1179-1186'; 70° at 1189'-1196'													
1198.6	1205	QUARTZ-SERICITE-GRAPHITE PHYLLITE with sulphide mineralization. Approximately 15% grey sericite 3% graphite, banded with variable pyrite, average 5% pyrite, 1% ± lead-zinc and 0.25% copper. Rock partly altered and moderately fractured. Core angle 75-70°	6/6.4		1198.6	1205									
1205	1214.5	QUARTZ-SERICITE PHYLLITE- Bleached. Similar to 1060-1198', less sulphides. Core angle 70-75°	9/9.5	-	1205 1215	1215 12145	-								
1214.5	1223.5	QUARTZ-SERICITE-GRAPHITE PHYLLITE. Light and medium grey, fissile, highly fractured with quartz-carbonate filling. Also tight slips. Minor pyrite. Odd pink mineral - garnet? Core angle: 75°	7/9		12145	12235									
1223.5	1243	QUARTZ-SERICITE PHYLLITE, Bleached. Similar to 1205-1214', less sulphide (0.05 pyrite), more talcy. Fault gouge(?) at 1231-1233'. Note 2% brown mica at 1233-1236.5'. Core angle 65-70°	9.5/10 85/95		12235 12335	12335 1243									
1243	1278	QUARTZ-SERICITE-CHLORITE PHYLLITE. Banded green and grey with threads buff color. Chlorite 10-15% occur in bands, brown mica 0.3% variable mineralization, quartz 70%. Odd speck pyrrhotite. Fissile to 1266' Core angle 80-85°	20/23 12/12		1243 1266	1266 1278									
	1278	END OF HOLE													
		Hole size: 0 - 6' NW 6 - 44' BW 44 - 1278' BQ													

DDH: FAGA030 -- 42 DEGREE PROFILE

(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1303 592270E ; 905047N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 516.4 Z = 1314.9

SECTION NAME: 74W

DDH: FAGA030 -- 42 DEGREE PROFILE

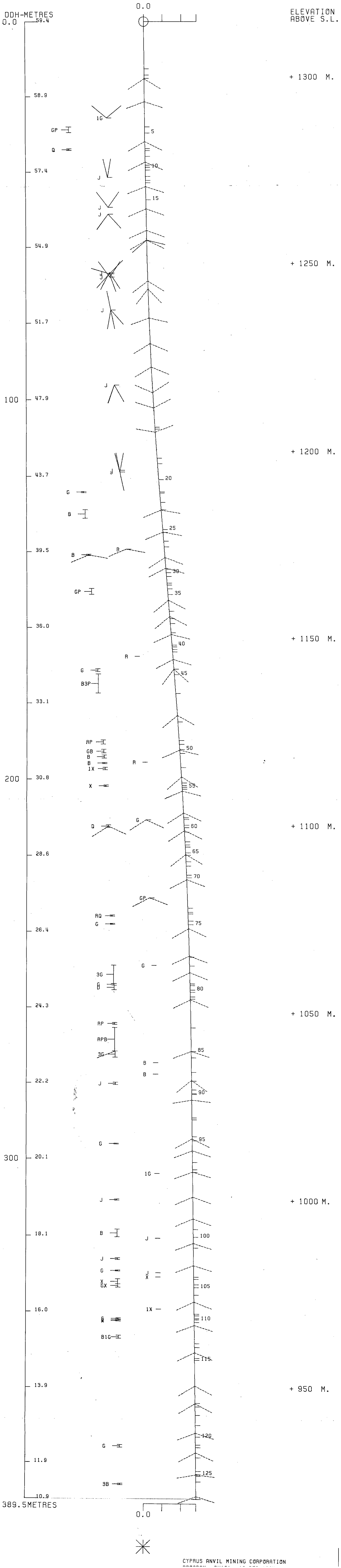
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1303 592270E ; 905047N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 516.4 Z = 1314.9

SECTION NAME: 74W



CYPRUS ANVIL MINING CORPORATION

75 A065

DRILL HOLE : FAGA065

NORTHING : 904,948.0

EASTING : 592,254.3

ELEVATION : 1,288.7

TOTAL DEPTH : 167.5

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: 14

NOS DOWN-H-SURVEYS: 2

NOS DOWN-H-LITHOLOGY: 25

NOS DOWN-H-STRUCTURE: 47

NOS DOWN-H-FAULTS: 7

NOS DOWN-H-SPLINES: 2

NOS COMPOSITES: 0

DDH: FAGA065 UTM-N: 904,948.0 UTM-E: 592,254.3 UTM-ELEV: 1,288.7 TOTAL DEPTH: 167.5 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTHS FROM	DEPTHS TO	SAMPLE NO.	INT.	REC.	ROCK UNIT	ASSAYS S.G. PULP	CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAC %	HG %	MN %	AS %	BA %	S.G. W.R.
125.6	126.5	92017	.9	.9	4G4			10.50	10.11		115.90										
126.5	128.0	92018	1.5	.6	4G#4			6.00	5.64		74.70										
128.0	128.9	92019	.9	.4	4G#4			4.80	2.46		58.60										
128.9	130.5	92020	1.6	1.0	4G#4			8.42	5.40		94.60										
130.5	132.2	92021	1.7	1.4	4G#4			6.53	3.78		84.70										
154.2	155.4	09057	1.2	1.2	4D4	3.97	.12	8.50	16.40	198.00		1.10	2	18	20						
155.4	156.9	09058	1.5	1.4	4E4	4.54	.09	8.40	11.30	151.00	155.00	1.65	1	30	31						
156.9	158.4	09059	1.5	.6	4E4	4.26	.26	4.10	5.00	65.00		1.85	1	33	34						
158.4	159.8	09060	1.4	1.3	4A13	3.59	.12	4.40	9.50	77.00		1.30	1	17	18						
159.8	161.5	09061	1.7	1.7	4E1	4.08	.28	.26	.63	19.00		1.30	1	36	37						
161.5	163.1	09062	1.6	1.5	4A3	3.64	.14	1.67	2.40	44.00		1.03	1	25	26						
163.1	164.3	09063	1.2	1.1	4A3	3.43	.13	.81	.97	30.00		1.17	1	16	17						
164.3	165.2	92022	.9	.2	4A14			3.75	1.56	37.40											
165.2	167.6	92023	2.4	.2	4A14			4.20	1.54	40.40											
WEIGHTED AVERAGE																					
125.6	132.2		6.6	4.3				7.17	5.27		85.52										
154.2	167.6		13.4	9.2		2.97	.12	3.92	5.11	70.05	17.35	1.01	1	19	20						

DDH: FAGA065 UTM-N: 904,948.0 UTM-E: 592,254.3 UTM-ELEV: 1,288.7 TOTAL DEPTH: 167.5 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
167.600	175.000	157.000

DDH: FAGA065 UTM-N: 904,948.0 UTM-E: 592,254.3 UTM-ELEV: 1,288.7 TOTAL DEPTH: 167.5 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
0.9	0001	#		0.5-	1
43.4	0002	5B8C	(5DO) MINOR	0.5-	1
49.1	0003	5B2C		0.5-	1
59.7	0004	5AC		0.5-	1
64.1	0005	5B2C	(5D4) MINOR	0.5-	1
69.2	0006	5AC		0.5-	1
72.4	0007	5B2C	(5D4) MINOR	0.5-	1
85.4	0008	5AO	(5B2O) MINOR	0.5-	1
91.5	0009	5DO	(5BO) MINOR	0.5-	1
114.8	0010	5B8C		0.5-	1
121.6	0011	5BO		0.5-	1
123.7	0012	4L2		0.5-	1
125.6	0013	4L4	&7 &9	0.5-	1
126.5	0014	4G4	&#	0.5-	1
132.0	0015	4G#8	4 (4E#4)	0.5-	1
136.9	0016	5B4C	-> 5BO	0.5-	1
143.5	0017	5DO	&4	0.5-	1
144.9	0018	5BC		0.5-	1
151.0	0019	5B8C	(5DO) MINOR	0.5-	1
154.2	0020	5AC		0.5-	1
155.4	0021	4DO		0.5-	1
158.4	0022	4E4	(4DO) MINOR	0.5-	1
159.8	0023	4A13	&4 (4EO &4)	0.5-	1
161.5	0024	4E1	&5	0.5-	1
167.6	0025	4A3		0.5-	1

DDH: FAGA065 UTM-N: 904,948.0 UTM-E: 592,254.3 UTM-ELEV: 1,288.7 TOTAL DEPTH: 167.5 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	S0 DIRECT	S1 ANGLE	S1 DIRECT	S2 ANGLE	S2 DIRECT	RFE CDE	DHDC	SDC	PROCESS
FAGA065	0.0	9.4	PS2		0	0	0	0	72	230	C	1	1	1
FAGA065	0.0	12.8	PS2		0	0	0	0	69	230	C	1	1	1
FAGA065	0.0	14.2	PS2		0	0	0	0	73	230	C	1	1	1
FAGA065	0.9	14.6	PS2	P	0	0	0	0	0	0	C	1	1	1
FAGA065	0.0	15.1	CS2		0	0	0	0	70	230	C	1	1	1
FAGA065	0.0	16.5	CS2		0	0	0	0	72	230	C	1	1	1
FAGA065	14.6	17.4	CS2	S	0	0	0	0	0	0	C	1	1	1
FAGA065	17.4	18.8	PS2	P	0	0	0	0	0	0	C	1	1	1
FAGA065	0.0	19.1	CS2		0	0	0	0	74	230	0	1	1	1
FAGA065	0.0	20.9	CS2		0	0	0	0	70	230	C	1	1	1
FAGA065	0.0	22.7	CS2		0	0	0	0	85	230	C	1	1	1
FAGA065	18.8	23.0	CS2	M	0	0	0	0	0	0	0	1	1	1
FAGA065	0.0	23.8	PS2		0	0	0	0	81	230	C	1	1	1
FAGA065	0.0	29.4	PS2		0	0	0	0	80	230	0	1	1	1
FAGA065	0.0	36.0	PS2		0	0	0	0	74	230	0	1	1	1
FAGA065	23.0	39.0	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGA065	39.0	40.3	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGA065	0.0	41.9	CS2		0	0	0	0	77	230	C	1	1	1
FAGA065	40.3	42.9	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGA065	0.0	46.1	CS2		0	0	0	0	56	230	0	1	1	1
FAGA065	42.9	51.0	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGA065	0.0	52.3	PS2		0	0	0	0	75	230	0	1	1	1
FAGA065	0.0	58.9	PS2		0	0	0	0	68	230	0	1	1	1
FAGA065	51.0	59.7	PS2	P	0	0	0	0	0	0	C	1	1	1
FAGA065	0.0	64.3	CS2		0	0	0	0	63	230	0	1	1	1
FAGA065	0.0	70.3	CS2		0	0	0	0	68	230	0	1	1	1
FAGA065	0.0	81.3	CS2		0	0	0	0	72	230	0	1	1	1
FAGA065	0.0	89.1	CS2		0	0	0	0	68	230	0	1	1	1
FAGA065	59.7	92.0	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGA065	92.0	93.5	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGA065	93.5	94.5	CS2	S	0	0	0	0	0	0	C	1	1	1
FAGA065	0.0	95.2	CS2		0	0	0	0	72	230	0	1	1	1
FAGA065	94.5	96.6	CS2	M	0	0	0	0	0	0	0	1	1	1
FAGA065	0.0	100.3	CS2		0	0	0	0	80	230	0	1	1	1
FAGA065	0.0	106.1	CS2		0	0	0	0	75	230	0	1	1	1
FAGA065	96.6	109.1	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGA065	109.1	109.6	CS2	S	0	0	0	0	0	0	C	1	1	1
FAGA065	0.0	113.3	CS2		0	0	0	0	73	230	0	1	1	1
FAGA065	0.0	116.5	CS2		0	0	0	0	69	230	0	1	1	1
FAGA065	109.6	121.6	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGA065	0.0	134.1	PS2		0	0	0	0	70	230	C	1	1	1
FAGA065	0.0	138.7	PS2		0	0	0	0	59	230	0	1	1	1
FAGA065	0.0	145.6	PS2		0	0	0	0	47	230	C	1	1	1
FAGA065	121.6	145.6	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGA065	0.0	151.8	CS2		0	0	0	0	56	230	0	1	1	1
FAGA065	145.6	154.2	CS2	S	0	0	0	0	0	0	C	1	1	1
FAGA065	154.2	167.6	PS2	P	0	0	0	0	0	0	0	1	1	1

DDH: FAGA065 UTM-N: 904,948.0 UTM-E: 592,254.3 UTM-ELEV: 1,288.7 TOTAL DEPTH: 167.5 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	REC CD	PARLL	UPPER PLANE		INTERNAL PLANE		LOWER PLANE		DHD
FAGA065	46.4	49.0	GP			0	0	0	0	0	0	1
FAGA065	51.0	53.8	P			0	0	0	0	0	0	1
FAGA065	59.2	59.7	3B			0	0	0	0	0	0	1
FAGA065	72.3	85.4	P			0	0	0	0	0	0	1
FAGA065	143.6	143.8	G			0	0	0	0	0	0	1
FAGA065	153.9	158.4	D?			0	0	0	0	0	0	1
FAGA065	164.2	167.6	PF?	0		0	0	0	0	0	0	1

DDH: FAGA065 UTM-N: 904,948.0 UTM-E: 592,254.3 UTM-ELEV: 1,288.7 TOTAL DEPTH: 167.3 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGA065	1	2
FAGA065	2	1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 75-A065

Project: GRUM

Location: VANGORDA PLATEAU

Claim:

UTM
~~Terr.~~ Plane Co-ords.: 6,904,947.99 N

1979 HZW Orthophoto Survey

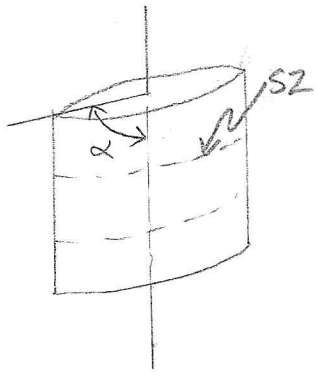
592,254.25 E

Grid Co-ords.: 74W / 2N

Elevation: 1288.69

Total Depth: 550 ft.

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 9, 11 / 80

Drilling Contractor:

Core:	Size	From	To
	NW	0	32
	BQ	32	550

Collar Cased and Capped:

Started: 4/10/75 Completed: 4/15/75

Cyprus Anvil Mining Corp.
Diamond Drill Core Log

DDH 75-A065
(2–8)

Code	Drillhole	Elevation	Northing	Easting	Comments
	2–8	10–16	17–24	25–32	34–48
T	75-A065	1288.7	90A948.0	592254.2 / 3 rounding	FEET

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
	2–8	10–14	22–26	28–32	34–56
R	75-A065	0 0	180.0	0.0	AT COLLAR
R	75-A065	550.0	175.	157.0	TROPARI
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 75-A065 (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	
L	0	300	1		O/B
L	300	1425	2	5B18	calcareous w/ po blebs; py layers; SDO at 37.6-37.7 ft;
L	1425	1610	3	5B2	calcareous; light grey gouge 152.4-161.0 ft; poor recovery; SD4 SD8
L	1610	1960	4	5A10	SD4 167.4-176.7 ft; minor py blebs; poor recovery; OQO 194.4-196.0 ft; core broken up;
L	1960	2104	5	5B2	calcareous; SD4 202.5-210.3 ft;
L	2104	2270	6	5A10	as unit 4
L	2270	2374	7	5B2	calcareous; as unit 5; SD4 234.5-235.5 ft;
L	2374	2810	8	5A10	minor py blebs; 5B2 from 259.3->268.0, 276.0-280.2 ft; poor recovery (78.94m, 81.69m, 84.12)
L	2810	3010	9	5D10	5BO 284.0-294.6 ft; minor py, po blebs & qtz bands;
L	3010	3768	10	5B8	calcareous; py, po blebs; as unit 2; calcite fracture fillings
L	3768	3990	11	5B10	very slightly calcareous; minor py
L	3990	4060	12	4L2	<1% PbZn
L	4060	4120	13	4L4	6% PbZn; banded; w/ cpy, lesser mt & po;
L	4120	4150	14	4G4	slightly calcareous; 5% PbZn; honey-coloured sph;
L	4150	4330	15	4G*	4T2 (CALC) % PbZn; w/ mt (3%) +(4E*4-CALC)
L	4330	4490	16	5B14	minor py blebs; calcareous; grades into minor thin interbands of 5BO;
L	4490	4708	17	5D10	numerous qtz veins & thinner bands; SD4 470.0-470.8 ft;
L	4708	4753	18	5B10	minor fractures infilled w/ calcite; gouge at 471.4-471.8 ft; med. to dk. grey;
L	4753	4955	19	5B8	SDO 475.3-477.3 ft; calcareous; altered w/ less chlorite 487.3-495.5 ft;
L	4955	5015	20	5A10	minor Py, lesser sph act; few qtz lenses;
L	5015	5198	21	4E4	+CADO DOMINANT @ 4 ft H/W, ±POROUS ±CACK PbZn-rich areas interbanded w/ PbZn-poor-py-rich areas; 10% PbZn; red sph in PbZn-rich areas; orange to honey-coloured sph in py-rich areas; py-rich 508.6-509.4, 510.5-516.6 ft; brecciated w/ py clasts at 506.9, 511.5 ft; minor graphite inclusions;
L	5198	5242	22	4A1	13/+(4E0*4) ±4 10 % PbZn; PbZn-poor & py-rich 523.0-524.2 ft; POSS. FOLD AXIS @ 522°
L	5242	5300	23	4G0	4E1*(4A2) ^ 1% PbZn; minor graphite layers;
L	5300	5500	24	4A3	<1% PbZn; minor black sericite layers;

539.0-550.0 = 4A1 - <10% RECOVERY; FAULT?

DDH J5-A065

Cyprus Anvil Mining Corp.

Lithologic Log

Logged By: PN

Code	From	To	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
		EOH			

DDH 75-A-0.6.5 (2 / 8)

Cyprus Anvil Mining Corp.
Structural Log

Logged By: PN

Code	From	To	Feature	Sym	S_1 Dip Direct.	S_2 Dip Direct.	Description
1	10 14	16 20	22 24	26	28 32	34 38	
S		310 9	PS2			72 230	minor S sym. from 44.0-45.0 ft;
S		420	PS2			69 230	
S		465	PS2			78 230	F4 at 45.8 ft; S3 at 47.8 ft;
S		478	F2	P			S sym 47.8-57.0 ft; F4 at
							55.4 ft; D at 48.8-49.1, 56.7 ft;
							minor Z sym. 54.7, 53.3 ft;
S		496	CS2			710 230	
S		540	CS2			72 230	
S		570	F2	S			P region 57.0-61.8 ft;
S		618	F2	P			M region 61.8-75.6 ft; D at
							62.6-62.8 ft; minor P at 64.7,
							70.6, & 74.4 ft; S/Z = 2/1
S		628	CS2			74 230	
S		686	CS2			710 230	
S		745	CS2			85 230	
S		756	F2	M			P region 75.6-128.0 ft; S3 at 119.7,
							77.3; F4 at 100.2 ft; D at 111.2;
							S sym. at 115.3 ft; minor Z sym.
							at 115.7, 120.5 & 121.6 ft;
S		782	PS2			81 230	
S		963	PS2			80 230	
S		1180	PS2			74 230	
S		1280	F2	P			Z sym. 128.0-132.1 ft; minor S
							sym. at 128.1 ft; F4 at 132.0 ft;
							D at 129.5 ft;
S		1321	F2	3			S sym. 132.1-140.8 ft; minor Z
							sym. at 132.7 ft; D regions
							136.0-137.0, 139.4-140.3 ft;
S		1375	CS2			77 230	
S		1408	F2	S			Z sym. 140.8-167.4 ft; S3 at
							141.3 ft;
S		1513	CS2			56 230	
S		1674	F2	R			R region 167.4-196.0 ft;
S		1715	PS2			75 230	
S		1934	PS2			68 230	
S		1960	F2	R			S sym. 196.0-302.0 ft; minor Z sym

DDH 75-A-065 (2 / 8)

Cyprus Anvil Mining Corp.
Structural Log

Logged By: PW

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	
							199.6 ft; R region 202.0 - 210.3 ft;
							D at 201.0, 201.6, 211.0, 233.0,
							& 235.5 - 236.9 ft;
S		2111	CSR			63 230	
S		2305	CSR			68 230	
S		2668	CSR			72 230	
S		2923	CSR			68 230	
S		3102	FR	E			E sym. 302.0 - 306.6 ft;
							D at 305.5, 306.0 ft; minor S sym
							at 302.7 ft;
S		3066	FR	B			S sym. 306.6 - 310.1 ft;
S		3101	FR	S			M region 310.1 - 317.0 ft;
							S/Z = 1/2
S		3124	CSR			72 230	
S		3170	FR	M			Z sym. 317.0 - 357.8 ft;
							Minor S sym. at 346.5 ft;
							D at 347.0 ft; scattered
							P regions 327 - 328 ft, 335.3 -
							336.5, at 339.4 & 356.9 ft;
S		3290	CSR			80 230	
S		3482	CSR			75 230	
S		3578	FR	B			S sym. 357.8 - 359.7 ft;
S		3597	FR	S			Z sym. 359.7 - 399.0 ft;
S		3711	CSR			73 230	
S		3823	CSR			69 230	
S		3990	FR	Z			R region 399.0 - 477.8 ft;
							Minor S sym. at 454.3, 475.4 ft;
							50% massive sulph;
S		4410	PSR			70 230	
S		4550	PSR			59 230	
S		4778	PSR			47 230	
S		4778	FR	R			S sym. 477.8 - 505.9 ft;
S		4980	CSR			56 230	
S		5059	FR	S			R region 505.9 - 550.0 ft;
							massive sulphides; SZ angle
							undeterminable / core

DDH 75-A065 (2 / 8)

Cyprus Anvil Mining Corp.
Structural Log

Logged By: _____

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	
							previously split;
		EDIH					

DDH 75-A065 (2 / 8)

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

Logged By: PN

Sampled By:

Code	From	To	Sample No.	Description	LENGTH	REC.	UNIT
	10 14	16 20	22 27				
P	41120	41150	112810	K.A.	3.0	2.8	4G4
P	41150	42100	112811	K.A.	5.0	2.1	4LD
P	42100	42300	112812	K.A.	3.0	1.3	4LD
P	42300	42800	112813	K.A.	5.0	3.2	4LD
P	42800	43360	112814	K.A.	5.6	4.5	4LD
P	51050	51059	112815	K.A.	0.9	0.9	5A0
P	51059	51117	112816	K.A.	5.8	5.8	4D0
P	51117	51160	112817	K.A.	4.3	4.3	4D0
P	51160	52149	112818	K.A.	8.9	8.9	4D0 / 4A4 / 4C0
P	52149	53100	112819	K.A.	5.1	5.1	4C0
P	53100	53190	112910	K.A.	9.0	8.0	4A3
P	53190	51420	112911	K.A.	3.0	0.7	4A3
P	51420	55000	112912	K.A.	8.0	0.4	4A3

LOGGED 1980 / CHECKED & ASSAYED 1981

DDH EAGA065 (2 / 8) Cyprus Anvil Mining Corp Page ____ of ____

ASSAY LOG (SAMPLER'S COPY) Date 10 Aug/81. Logged by ~~Checked~~ GG 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
P	4112 0	4115 0	112810	130	128	4G4	MOST OF CORE SAMPLED BY K.A.
P	4115 0	4210 0	112811	150	121	4G*4	SEE K.A. LOGS
P	4210 0	4230 0	112812	130	113	4G*4	↓
P	4230 0	4218 0	112813	150	132	4G*4	
P	4218 0	4336	112814	156	145	4G*4	
P	5101 9	5110 0	910157	169	140	4D01	+(4E4) +(4E*)
P	5100	5149	90158	49	47	4E4	+(4D0)
P	5111 47	5111 98	910159	149	120	4E41	+(4D0)
P	5119 8	5124 2	910160	44	44	4A113	±4 +(4E0 ±4)
P	5124 2	5130 0	910161	158	158	4E11	+(4A2)
P	5130 0	5135 0	910162	150	150	4A31	
P	5135 0	5139 0	910163	140	135	4A31	
P	5139 0	5142 0	112911	130	107	4A11	NOT SAMPLED DUE TO POOR RECOVERY
P	5142 0	5150 0	112912	170	108	4A11	SEE K.A. LOGS.
							END OF HOLE @ 550 ft
							* NOTE
							(1) HOLE STOPPED IN SULPHIDE
							(2) HOLE STACKED OUTSIDE

NOTE: KA SAMPLE NUMBERS 1280-1285, 1291-1292 replaced in DATA BASE By 92017-92021, 92022-92023

NOTE: Rounding error in feet → meters conversions for assay intervals in DATA BASE. Does not exactly correspond w/ lithology intervals

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

DDH FAGA06S Cyprus Anvil Mining Corp. Page _____ of _____

2 Feet. 8

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	1152 4	1161 0	GP					
F	1167 4	1176 7	P					
F	1944 4	1960 3	B					
F	2374	2802	P					
F	4714	4718	G					
F	5050	5198	D?					
F	5390	5500	PF?	D				

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

DIAMOND DRILL RECORD

LOGGED BY F. Chow

PROPERTY VANGORDA GRUM

D.D.H. No. A-65 PAGE 1 of 5

LATITUDE 10742.70 N | 2400N BEARING OF HOLE @ 550' = 156° 56' Azim STARTED April 10, 1975 D.S.

DEPARTURE 7559.77 E | 74W DIP OF HOLE -90° COMPLETED April 15, 1975 A.S.

ELEVATION 4,221 A.S.L.(old) 4262.79 (new) (1299.30m) DIP TESTS @ 550' = 85° 0 - 32NW SIZE OF HOLE 32 - 550 BQ DEPTH Proposed: 550' Ultimate: 550' (167.64m)

CLAIM No. Grum 3

N

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec. Ft.	Sample No.	Footage From	Footage To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Feet Pb	Assay x Feet Zn	Assay x Feet Ag
0	30	OVERBURDEN Triconed to 30'.	Nil		0	30									
30	143	QUARTZ - SERICITE PHYLLITE													
		50 - 65% quartz. Medium gray. Variable banding - thread width to ¼".	1.5/8		30	38									
			0.5/2			40									
		Rock fairly firm though parts readily along foliation planes.	1.4/4			44									
			10/10			54									
		Fl moderately well developed locally. Fractures and tension cracks moderate to numerous. Small shears locally.	6.8/9			63									
			25.2/29			92									
		Core Angles: 65° @ 30-57'; 70° @ 58-65'; 50° @ 66';	16.1/21			113									
			30/30			143									
		65-70° @ 67-118'. Shears @ 69.2' (70°); 70.5' (70°); 72.5', 81' (65°); 103-104.5'.													
		Core Angles: 70-80° @ 119-133'; 65-70° @ 134-143'.													
143	194	QUARTZ - SERICITE - GRAPHITE PHYLLITE													
		40-50% quartz. 35-50% sericite. 1-3% graphite. Graphite locally conc. 167-170' bleached to light gray-buff colour.	3.4/18		143	161									
			2.6/9.5			170.5									
		Moderately altered. Mainly light to medium gray. Slight leaching	4.0/21.5			192.0									
		Sheared at 156' (?). Rock appears to be highly fractured. Parts soft and fissile. Core broken up - poker chips and fragments.	1.1/2.0			194.0									
		Recovery poor. Rock not competent. Local Fl.													
		Core Angle: 70-75°.													

DIAMOND DRILL RECORD

LOGGED BY F. Chow

PROPERTY

LATITUDE BEARING OF HOLE STARTED

DEPARTURE DIP OF HOLE COMPLETED

ELEVATION DIP TESTS DEPTH Proposed: Ultimate:

D.D.H. No. A-65 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
194	276	QUARTZ - SERICITE PHYLLITE													
		Similar to 143-194 except there is no graphite. 194-196' quartz tense.	4.7/8		194.0	202.0									
			3.2/13			215.0									
		Core Angles: 60° to 222'; 60-70° to 276'.	9.6/19		215.0	234.0									
			12.4/42			276.0									
276	386	QUARTZ - SERICITE PHYLLITE													
		40-50% quartz. 2-3% (?) carbonates. Medium to light gray. Mainly thinly banded.	5.1/16		276	292									
			6.7/10			302									
		F1 generally well developed.	60/61			363									
		Rock firm but easily parts along foliation planes. Minor fractures and tension cracks. Rough leached surface. 378.5-386' fissile.	18/18			381									
			2.5/5												
		Core Angles: 60-70° @ 276-302'; 80° to 305'; 70° to 363'; 75° to 374'; 70° to 386'.													
386	412	QUARTZ - SERICITE - SULPHIDES Altered and bleached.													
		386-399' -- mainly medium gray phyllite with short sections of bleached buff sericite. Minor pyrite. Soft and fissile.	4.1/13		386	399									
			1.5/7			406		1.43	1.52	.53					
		-406' -- bleached buff, 3% pyrite, negligible lead-zinc, slight shearing.	4.1	1279	406.0	412.0	6.0	>							
		-412' -- banded sulphides and bleached sericite. 25% pyrite, 6% lead-zinc, splashed rich chalcopyrite, minor pyrrhotite, 1-2% magnetite from 408.5-412'.													
		407-412' rock firm but parts readily.													
		Core Angle: 70-75°.													

DIAMOND DRILL RECORD

LOGGED BY F. Chow

PROPERTY

LATITUDE BEARING OF HOLE STARTED

DEPARTURE DIP OF HOLE COMPLETED

ELEVATION DIP TESTS DEPTH Proposed: Ultimate:

D.D.H. No. A-65 PAGE 3 of 5

CLAIM No.

N

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec. Ft.	Sample No.	Sample Footage From	Sample 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
412	433	MASSIVE SULPHIDES WITH BARITE													
		Massive fine-grained pyrite with lead-zinc bands, also ~~magnetite bands and clots.~~													
		412-415' -- 30% barite groundmass with dissem. sulphides leach holes, 20% pyrite, 7% lead-zinc, no magnetite.	2.8	1280	412.0	415.0	3.0	10.5	10.11	3.38			30.15	30.33	10.14
		-433' -- 65-75% pyrite, 12% lead-zinc, 1-3% magnetite; leach holes.	2.1	1281		420.0	5.0	6.00	5.64	2.18			30.00	28.20	10.90
		Core Angle: 65-70°.	1.3	1282		423.0	3.0	4.80	2.46	1.71			14.40	7.38	5.13
			3.2	1283		428.0	5.0	8.42	5.40	2.76			42.10	27.00	13.80
			4.5	1284		433.6	5.6	6.53	3.78	2.47			36.568	21.168	13.832
				Wt. Av.	412.0	433.6	21.6	7.09	5.28	2.49	(85.4 oz/ton)		153.218	114.078	53.802
433.0	449.0	QUARTZ - SERICITE PHYLLITE Altered and bleached.													
		60% quartz. Light gray and grayish-buff colour. Thinly banded.	4/5.4		433.6	439.0									
		433.0-433.6' -- 15% pyrite, 6% lead-zinc, tacy, moderately firm	1.4/4.0			443.0									
		-434.5' -- 4% pyrite, negligible lead-zinc, talcy, moderately firm.													
		-449.0' -- talcy, moderately firm	1.2/6.0			449.0									
		Core Angle: 70-60°.													
449.0	495.0	QUARTZ - SERICITE - CHLORITE PHYLLITE Altered													
		40-50% quartz, 40-50% sericite, 1-4% chlorite locally. Thinly banded. Kinky F1 local. Moderate alteration, varies from light gray to pale grayish-buff to greenish gray. Numerous fractures and tension cracks @ 477-495'.	3.5/4		449.0	453									
			3.3/6			459									
			0.8/3			462									
			1.6/6			468									

DIAMOND DRILL RECORD

LOGGED BY F. Chow

PROPERTY

LATITUDE BEARING OF HOLE STARTED

DEPARTURE DIP OF HOLE COMPLETED

ELEVATION DIP TESTS DEPTH Proposed: Ultimate:

D.D.H. No. A-65 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
		Rock is moderately competent.	2.3/2.5			470.5									
			7.1/9.5			480									
		Core Angle: 40-50°.	13.6/15			495									
		NOTE: 0.2' of mass sulphides (in 4 near full diameter pieces) cored at top of run from 468.0-468.2'; 70% pyrite, 12% lead-zinc. 0.2' of sand at bottom of previous run which gave poor recovery. Sulphides contain band of magnetite. Likely cave material from 415-433'.													
495.0	505.9	QUARTZ - SERICITE - GRAPHITE PHYLLITE													
		55% quartz, 40-50% sericite, 0-5% graphite. Medium gray to gray-black, increasing graphite to 505.9'. Thinly banded.	5.4/10		495.0	505.0									
		Local F1.	0.9	1285	505.0	505.9	0.9	0.20	0.60	0.06					
		Minor sulphides from 505-505.9'; 5% pyrite, 1-2% lead-zinc.													
		Numerous fractures and tension cracks - increasing towards 505.9'. Rock not competent.													
		Core Angle: 55-70°.													
505.9	530.0	MASSIVE SULPHIDES													
		60-80% sulphides in quartz-felds matrix with local wisps of graphite.	5.8	1286	505.9	511.7	5.8	8.70	13.84	4.23			50.46	80.27	24.53
		Rock hard, sulphides fine-grained. F2 mineralization, Banding faint, moderate to many leach holes. F2 folds.	4.3	1287	511.7	516.0	4.3	8.10	8.20	3.35			34.83	35.26	14.41
		505.9-511.7' -- 60% pyrite, 15% lead-zinc	8.9	1288		524.9	8.9	4.43	7.65	1.85			39.43	68.09	16.47
		-516.0' -- 80% pyrite, 6-8% lead-zinc	5.1	1289		530.0	5.1	0.22	0.37	0.15					
		-524.9' -- 50-60% pyrite, 8-10% lead-zinc	Wt.	Av.	505.9	524.9	19.0	6.56	9.66	2.92	(100 oz/ton)		124.72	183.62	55.40
		-530.0' -- 70-80% pyrite, 0.5% lead-zinc													

DIAMOND DRILL RECORD

LOGGED BY F. Chow

PROPERTY

LATITUDE BEARING OF HOLE STARTED

DEPARTURE DIP OF HOLE COMPLETED

ELEVATION DIP TESTS DEPTH Proposed: Ultimate:

D.D.H. No. A-65 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
		Core Angles: 50-70° @ 506-517', 45° @ 519', 35° @ 524', 75° @ 526', 65° @ 528-530'.													
530.0	537.2	QUARTZ - SULPHIDES - SERICITE - GRAPHITE													
		40-50% quartz, 30-35% pyrite, 10% (?) sericite, 2% graphite. Silvery sericite with quartz. Light gray sericite and graphite as thin foliations in bands. Weak lead-zinc, 1-2%. Rock siliceous and hard. Moderate fracturing, minor leaching.	8.0	1290	530.0	539.0	9.0	0.57	0.69	0.44					
		Core Angle: 56-70°.													
537.2	550.0	QUARTZ - SERICITE - GRAPHITE - SULPHIDES													
		70% quartz, 20% sericite, 1-2% graphite, 5-10% sulphides (5-10% pyrite, 0-5% lead-zinc) Medium gray, banded, kinky F-1, F-2 mineralization, Also F1. Siliceous and hard. Competent rock. Recovery very poor from 539-550' (last 8' run lost core due to "core barrel did not lock")	0.7	1291	539.0	542.0	3.0	3.75	1.56	1.09			11.25	4.68	3.27
			0.4	1292		550.0	8.0	4.20	1.54	1.18			33.60	12.32	9.44
			Wt. Av.		539.0	550.0	11.0	4.08	1.55	1.16	(39.6)		44.85	17.0	12.71
		Core Angle: 70-80°.													
	550.0	END OF HOLE													
		REMARKS: 1. Lost water return @ 422'.													
		2. Hole to be surveyed, rig still on set-up (4/21/75)													

DDH: FAGA065 -- 42 DEGREE PROFILE

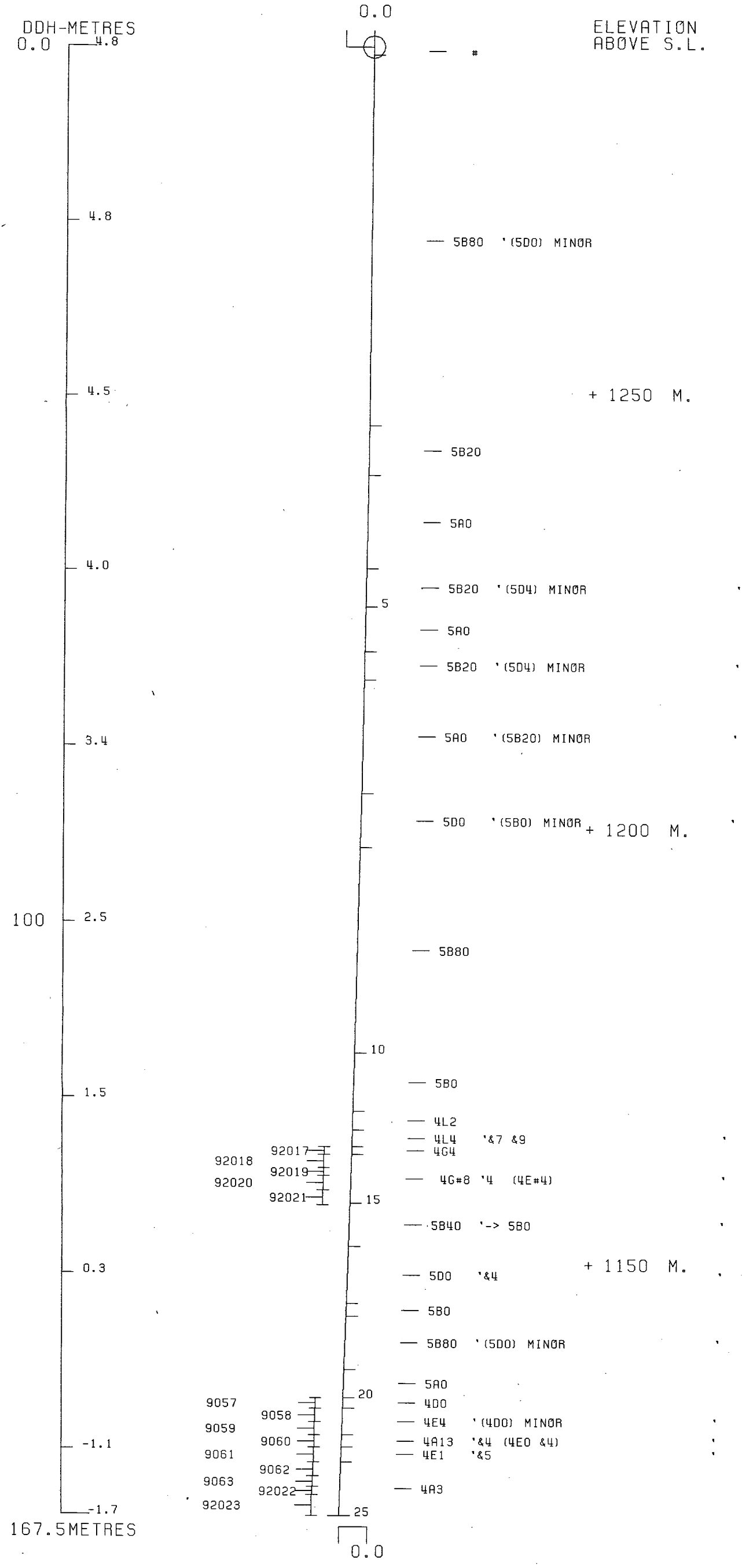
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1289 592254E ; 904948N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 432.4 Z = 1289.6

SECTION NAME: 74W



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 25 OCT 1984 4:53 PM

DDH: FAGA065 -- 42 DEGREE PROFILE

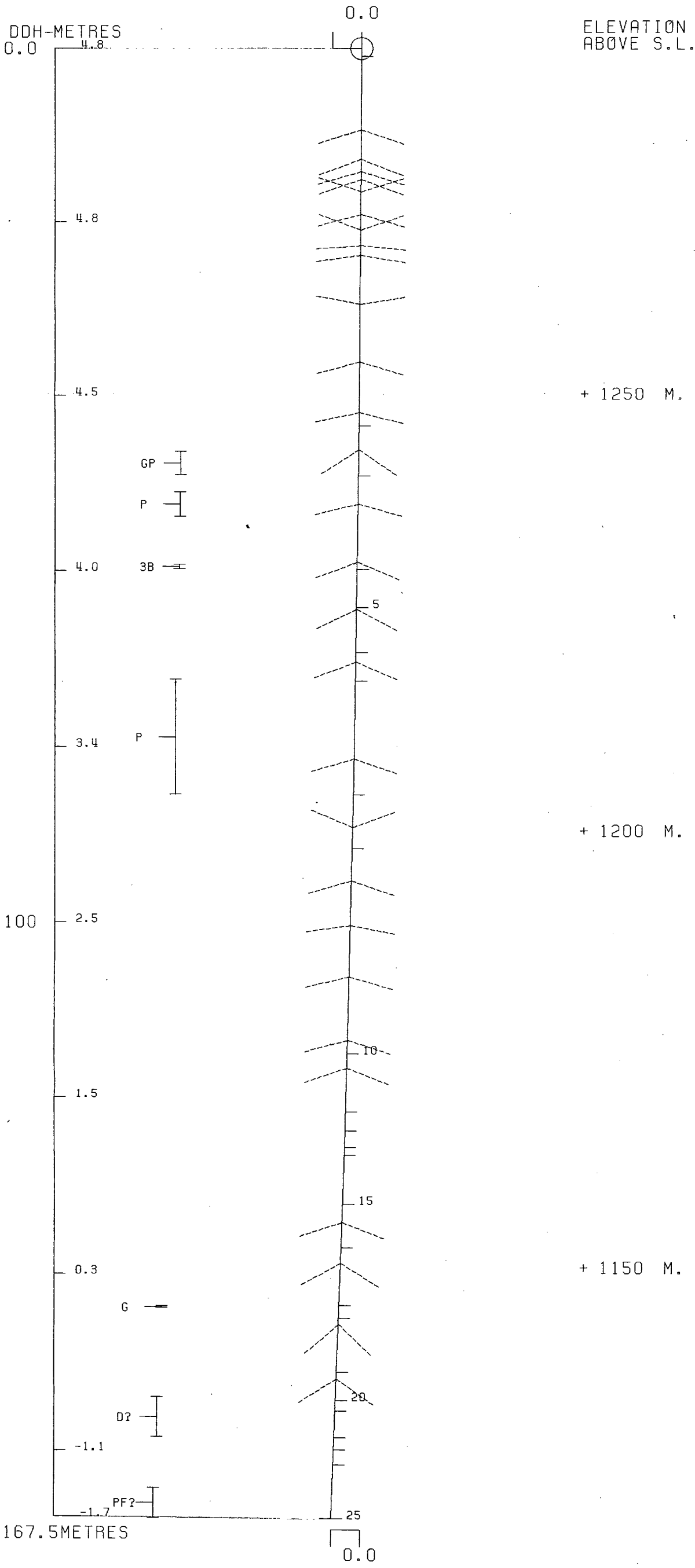
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1289 592254E ; 904948N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 432.4 Z = 1289.6

SECTION NAME: 74W



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 25 OCT 1984 4:52 PM

DRILL HOLE : FAGA068
NORTHING : 905,076.7
EASTING : 592,298.2
ELEVATION : 1,304.1
TOTAL DEPTH : 389.1
SECTION : W 76
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS ORE-SAMPLES:	75
NOS DOWN-H-SURVEYS:	4
NOS DOWN-H-LITHOLOGY:	160
NOS DOWN-H-STRUCTURE:	57
NOS DOWN-H-FAULTS:	73
NOS DOWN-H-SPLINES:	4
NOS COMPOSITES:	0

DDH: FAGA068 UTM-N: 905,076.7 UTM-E: 592,298.2 UTM-ELEV: 1,304.1 TOTAL DEPTH: 389.1 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTHS FROM	DEPTHS TO	SAMPLE NO.	INT.	REC.	ROCK UNIT	ASSAYS S.G. PULP	CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
128.5	129.8	9C041	1.3	1.3	4E4			7.70	12.61		105.90										
129.8	130.5	07712	.7	.7	4A43	3.27	.05	2.89	4.70	48.00		1.03	1	11	12						
130.5	131.0	07713	.5	.5	4A31	3.27	.02	.62	.80	15.99		.62		14	15						
131.0	131.7	07714	.7	.7	4LO	3.02	.02	.48	1.23	11.00		.62		8	8						
131.7	132.0	07715	.3	.3	4B4	2.89	.01	2.16	3.29	36.00		.40		2	3						
132.0	133.0	07716	1.0	.9	4A4	3.00	.02	3.20	6.20	59.99		.75	1	3	4						
133.0	133.5	07717	.5	.5	4LO	2.89	.01	.42	1.32	9.00		.34	1	3	5						
133.5	135.5	07718	2.0	1.0	4AO	3.16	.02	1.34	2.79	27.00	24.00	.40		4	4						
135.5	136.3	07719	.8	.8	4LO4	2.89	.02	1.66	2.20	27.00		.55		2	3						
136.3	137.4	07720	1.1	1.1	4B4	3.02	.02	4.59	4.09	53.00		1.43		3	4						
137.4	138.9	07721	1.5	1.5	4B4	2.89	.02	2.89	2.29	30.99		.81		2	3						
138.9	140.0	07722	1.1	1.1	4CO	3.04	.05	3.29	.92	34.00		1.23		7	7						
140.0	141.3	07723	1.3	1.3	4CO	2.95	.04	1.80	2.29	30.99		.75	1	4	6						
141.3	141.9	07724	.6	.5	4A14	3.06	.07	3.29	5.90	51.00		.95	1	5	7						
141.9	142.3	07725	.4	.4	5D4*	2.99	.02	.33	1.69	10.00		.47	4	4	8						
142.3	143.0	07726	.7	.5	4A1	3.18	.11	.39	.56	14.99		1.10		14	14						
143.0	143.5	07727	.5	.5	4DO	3.24	.16	2.29	3.49	43.00	42.00	1.30	1	13	14						
143.5	144.0	07728	.5	.4	5C4@	2.93	.02	.49	.70	7.99		.40	5	2	7						
144.0	145.0	07729	1.0	1.0	4DO	3.33	.05	.41	7.59	61.99		.89	1	10	12						
145.0	145.6	07730	.6	.5	4E14	3.62	.02	6.99	14.80	96.00		1.16	3	11	14						
145.6	146.9	07731	1.3	1.3	4A41	3.27	.04	3.39	7.70	56.99		1.03	1	9	11						
146.9	147.4	07732	.5	.4	4D4	3.12	.02	1.97	3.60	33.00		.75	2	7	9						
157.0	158.1	07733	1.1	1.0	4L14	3.52	.17	1.95	3.89	39.00		1.91	1	17	18						
158.1	158.5	07734	.4	.4	4A34	3.02	.05	1.58	3.70	26.00		.75	1	6	7						
163.4	165.5	07735	2.1	2.1	4A1	2.95	.05	1.23	2.08	21.00		.81	1	4	5						
165.5	167.0	07736	1.5	1.5	4A14	2.91	.05	1.95	3.79	31.99		.89		3	4						
167.0	168.9	07737	1.9	1.8	4A1	2.89	.04	1.44	2.39	25.00	26.00	.75		5	6						
168.9	170.7	07738	1.8	1.8	4A1	2.89	.04	1.47	3.00	21.00		1.03		3	3						
170.7	173.1	07739	2.4	2.4	4A13	3.29	.02	2.79	5.40	43.00		1.03	1	11	13						
173.1	175.9	07740	2.8	2.7	4A13	3.41	.05	3.00	5.40	53.00		1.03	1	14	16						
175.9	177.9	07741	2.0	2.0	4A14	2.93	.04	1.42	3.99	25.00		.81	1	4	5						
177.9	179.7	07742	1.8	1.8	4A14	2.93	.05	2.19	3.89	30.99		.89		3	3						
179.7	181.6	07743	1.9	1.9	4A14	2.91	.02	1.25	4.09	21.00		.81	1	2	3						
181.6	183.3	07744	1.7	1.7	4A14	2.95	.02	1.77	3.60	40.00		.62		2	3						
183.3	185.3	07745	2.0	2.0	4A14	3.10	.02	1.90	5.29	42.00		.81	1	3	5						
185.3	187.3	07746	2.0	1.8	4A14	3.41	.05	5.00	6.40	74.00		1.23	1	10	12						
187.3	188.7	07747	1.4	1.4	4DO	3.35	.10	3.99	2.16	53.00	50.00	1.51	1	16	17						
188.7	190.2	9C042	1.5	1.5	4DO			3.29	4.79	40.39											
190.2	191.4	07748	1.2	1.2	4D45	3.58	.02	6.29	13.50	95.00		1.16	2	11	13						
191.4	192.9	07749	1.5	1.2	4D45	3.52	.02	4.59	10.59	75.00		1.37	1	12	14						
192.9	193.4	07750	.5	.5	4A1	3.45	.02	.99	3.49	22.00		.89	2	16	18						
199.9	201.7	07751	1.8	1.5	4D4	3.37	.05	5.20	5.50	71.00		1.03	2	8	11						
201.7	203.5	07752	1.8	1.8	4A13		.17	.46	1.07	13.99											
203.5	205.2	9C043	1.7	1.6	4A4			7.99	7.79	110.00											
205.2	206.8	9C044	1.6	1.6	4A4			8.15	15.38	120.99											
206.8	208.0	9C045	1.2	1.2	4A4			3.29	5.21	64.50											
208.0	209.7	07753	1.7	1.7	4AO	3.18	.11	1.92	2.17	29.99		1.78	2	7	10						
209.7	210.6	07754	.9	.8	4LO	2.95	.01	.04	.07	5.00		.20	3	2	5						

DDH: FAGA068 UTM-N: 905,076.7 UTM-E: 592,298.2 UTM-ELEV: 1,304.1 TOTAL DEPTH: 389.1 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTHS FROM	DEPTHS TO	SAMPLE NO.	INT.	REC.	ROCK UNIT	S.G. PULP	CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
210.6	212.3	07755	1.7	1.7	4A14	3.31	.11	2.70	2.89	39.00		1.64	1	12	13						
212.3	213.7	07756	1.4	1.3	4A1	3.64	.22	1.51	3.29	42.00		2.54	1	20	22						
213.7	215.3	07757	1.6	1.4	4A1	3.39	.14	1.23	3.39	30.99		1.78	1	15	16						
215.3	217.4	90046	2.1	2.1	4A4			7.62	9.81	102.79											
217.4	219.3	90047	1.9	1.9	4A4			10.23	19.00	141.19											
219.3	219.9	90048	.6	.6	4A4			10.06	12.46	120.99											
222.5	223.5	07758	1.0	1.0	4K4	3.29	.08	3.29	6.79	66.00	60.99	.47	6	7	14						
223.5	224.0	07759	.5	.4	4D4	3.56	.02	5.00	8.50	90.00		1.51	2	11	13						
224.0	225.5	07760	1.5	1.5	4A14	3.43	.11	4.20	5.00	61.99		1.85	2	12	14						
241.0	242.4	90049	1.4	1.3	4EG4			4.73	6.00	75.79											
242.4	244.0	90050	1.6	1.6	4EG4			5.09	8.30	70.59											
244.0	245.7	07761	1.7	1.7	4A13	3.18	.08	1.97	2.60	26.00		.89	1	9	11						
245.7	247.5	07762	1.8	1.7	4A13	3.24	.08	1.12	1.55	25.00		.75	1	12	14						
247.5	249.5	90051	2.0	2.0	4E4			5.62	10.47	75.79											
249.5	250.5	07763	1.0	.9	4A13		.08	.93	1.38	17.00											
297.6	298.1	07764	.5	.4	4HO		.23	.29	.78	31.99											
298.1	299.0	07765	.9	.9	4LO		.01	.04	.11	5.00											
299.0	299.9	07766	.9	.8	4CO		.23	.55	.61	21.00											
299.9	300.5	07767	.6	.6	4E48	3.18	.29	4.09	5.40	50.00		.62	6	21	27						
300.5	301.0	07768	.5	.4	4CO	3.25	.10	1.11	1.91	19.00		.40	6	8	14						
301.0	301.3	07769	.3	.3	4E18	3.68	.22	4.70	4.20	48.00		.40	11	10	21						
301.3	303.1	07770	1.8	1.8	4LO	3.04	.05	.34	.41	6.99		.55	5	3	8						
303.1	304.8	07771	1.7	1.2	4E1*	3.74	.14	2.70	2.50	26.00		.34	11	15	27						
330.4	332.2	07772	1.8	1.6	4G4	3.97	.10	5.50	7.40	85.00	88.00	1.10	3	10	13						
332.2	334.0	07773	1.8	1.7	4GO	3.79	.13	3.89	5.70	69.00		1.43	3	10	13						
334.0	334.6	07774	.6	.6	4G4	4.17	.17	5.00	7.09	94.00		1.70	1	11	13						
334.6	335.7	07775	1.1	1.1	4EO	4.28	.22	2.20	2.60	34.00		1.37	5	27	33						
WEIGHTED AVERAGE																					
128.5	147.4		18.9	17.2		2.88	.03	2.64	4.39	35.10	10.93	.77	1	6	7						
157.0	158.5		1.5	1.4		3.38	.13	1.85	3.84	35.53		1.60	1	14	15						
163.4	193.4		30.0	29.3		2.98	.04	2.58	4.81	41.56	3.98	.92	1	7	8						
199.9	219.9		20.0	19.2		1.51	.06	4.71	6.94	69.89		.71	1	5	6						
222.5	225.5		3.0	2.9		3.41	.09	4.03	6.18	67.99	20.33	1.33	3	10	14						
241.0	250.5		9.5	9.2		1.18	.03	3.40	5.39	50.19		.30		4	4						
297.6	304.8		7.2	6.4		2.28	.13	1.43	1.59	20.84		.31	5	7	12						
330.4	335.7		5.3	5.0		3.99	.14	4.21	5.79	70.00	29.88	1.34	3	14	17						

DDH: FAGA068 UTM-N: 905,076.7 UTM-E: 592,298.2 UTM-ELEV: 1,304.1 TOTAL DEPTH: 389.1 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
121.900	167.000	117.000
237.700	173.500	107.500
389.200	173.000	120.000

DDH: FAGA068 UTM-N: 905,076.7 UTM-E: 592,298.2 UTM-ELEV: 1,304.1 TOTAL DEPTH: 389.1 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC		RECOVERY	IND
12.2	0C01	#			0.5-	1
15.4	0002	5DC			0.5-	1
16.6	0C03	5D0	[4L ?]		0.5-	1
34.3	0004	5B0			0.5-	1
35.2	0005	5D@			0.5-	1
36.5	0C06	5D4*	[4L* ?]		0.5-	1
38.8	0C07	5B0	(5B20) T.O.I. BROKEN		0.5-	1
48.6	0008	5B0			0.5-	1
50.2	0009	5D0	(5B80) 85:15		0.5-	1
51.8	0010	5B83			0.5-	1
52.6	0C11	5B0	(5D0[5B80])		0.5-	1
67.2	0012	5B83			0.5-	1
67.8	0C13	5D0			0.5-	1
82.8	0014	5B80	(5B83) (5D0)		0.5-	1
86.4	0015	5BC			0.5-	1
87.4	0016	5D0			0.5-	1
89.1	0017	5B0	(10Q0)		0.5-	1
89.8	0018	5B0	RUBBLE, GOUGE		0.5-	1
92.6	0019	5B0	[5B80]		0.5-	1
93.5	0020	5D0			0.5-	1
94.5	0021	10Q0			0.5-	1
97.0	0022	5D0			0.5-	1
97.8	0023	5D0	3 CALCITE VEINS		0.5-	1
102.4	0024	5D0			0.5-	1
107.6	0025	5B80	?		0.5-	1
108.2	0026	5DC	(10Q0)		0.5-	1
109.8	0027	5B3			0.5-	1
110.2	0028	5DC			0.5-	1
118.8	0029	5B83	(5D0) MINOR		0.5-	1
119.5	0030	5D0			0.5-	1
126.7	0031	5B0			0.5-	1
128.5	0032	5B26	[3G9]		0.5-	1
129.8	0033	4E4	(4A4)	NO CORE	0.5-	1
130.5	0034	4A43			0.5-	1
131.0	0035	4A31			0.5-	1
131.7	0036	4LC	(4C0)		0.5-	1
132.0	0037	4B4	SERICITIC		0.5-	1
133.0	0038	4A4			0.5-	1
133.5	0039	4LC	[5D4]		0.5-	1
135.5	0040	4A0			0.5-	1
136.3	0041	4LC4	(4L6) (3G0)		0.5-	1
138.9	0042	4B4	(4D4) (4L0)		0.5-	1
141.3	0043	4C0	SERICITIC (4L1) (5C4@)		0.5-	1
141.9	0044	4A14	PHYLLITIC [4D5]		0.5-	1
142.3	0045	5D4*	(4C0 SERICITIC)		0.5-	1
143.0	0046	4A1			0.5-	1
143.5	0047	4D0			0.5-	1
144.0	0048	5C4@	(10Q0)		0.5-	1
145.0	0049	4D0			0.5-	1
145.6	0050	4E14	(4L0) (4A0)		0.5-	1
146.9	0051	4A41			0.5-	1

DDH: FAGA068 UTM-N: 905,076.7 UTM-E: 592,298.2 UTM-ELEV: 1,304.1 TOTAL DEPTH: 389.1 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC		RECOVERY	IND
147.4	0052	4D4			0.5-	1
147.8	0053	5D4*			0.5-	1
151.4	0054	3GC	(5D4) MINOR		0.5-	1
152.3	0055	5D4*			0.5-	1
154.7	0056	3GC			0.5-	1
155.4	0057	5D4*			0.5-	1
157.0	0058	GOUGE			0.5-	1
158.1	0059	4L14	2 (4DO SERICITIC)		0.5-	1
158.5	0060	4A34	BXA (4E1 BXA)		0.5-	1
158.8	0061	GOUGE			0.5-	1
160.0	0062	3GO			0.5-	1
163.4	0063	4LO			0.5-	1
170.7	0064	4A1	&4 PHYLLITIC [4C5 (4D5)]		0.5-	1
175.9	0065	4A13	4		0.5-	1
183.3	0066	4A14	PHYLLITIC [4D5]		0.5-	1
187.3	0067	4A14	PHYLLITIC [4D5]		0.5-	1
188.7	0068	4DO			0.5-	1
190.2	0069	4DO	SERICITIC		0.5-	1
192.9	0070	4D45	(5D4@) (4A4)		0.5-	1
193.4	0071	4A1	(4A13)		0.5-	1
194.4	0072	4LO	(10QO)		0.5-	1
195.0	0073	3GO			0.5-	1
199.9	0074	4LC	(3G4) (4L*[5D4*])		0.5-	1
201.7	0075	4D4	SERICITIC (4A4) (4LO)		0.5-	1
203.5	0076	4A13			0.5-	1
208.0	0077	4A4		NO CORE	0.5-	1
209.7	0078	4AO	(4LO)		0.5-	1
210.6	0079	4LO	&3		0.5-	1
215.3	0080	4A1	&3 &4 (5D4*)		0.5-	1
219.9	0081	4A4	(4E4) BXA	NO CORE	0.5-	1
220.2	0082	5A6	(5A196)		0.5-	1
222.5	0083	4LO	&1 E.O.I. (10QO) (3GO)		0.5-	1
223.5	0084	4K4	#$ &1		0.5-	1
224.0	0085	4D4	(5D4*)		0.5-	1
225.5	0086	4A14	[4D5]		0.5-	1
227.5	0087	4LC	(10QO#)		0.5-	1
228.8	0088	4LO			0.5-	1
229.2	0089	4A3	BXA		0.5-	1
230.9	0090	3G1	&6		0.5-	1
234.0	0091	4LC	(4L12) E.O.I.		0.5-	1
234.5	0092	3GO	-> 4LO		0.5-	1
236.5	0093	4LO	(4L12)		0.5-	1
238.0	0094	GOUGE			0.5-	1
240.2	0095	RUBBL			0.5-	1
241.0	0096	4LO	(3GO)		0.5-	1
241.6	0097	4G4		NO CORE	0.5-	1
242.4	0098	4EC	&4 &* &POROUS	NO CORE	0.5-	1
243.3	0099	4GO		NO CORE	0.5-	1
244.0	0100	4E4	&1	NO CORE	0.5-	1
247.5	0101	4A13			0.5-	1
249.5	0102	4E4	(4GO?) (4A ?)	NO CORE	0.5-	1

DDH: FAGA068 UTM-N: 905,076.7 UTM-E: 592,298.2 UTM-ELEV: 1,304.1 TOTAL DEPTH: 389.1 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
250.5	0103	4A13		0.5-	1
251.1	0104	4LC	(5C4*)	0.5-	1
260.6	0105	3GO	(10QO)	0.5-	1
262.7	0106	4LO		0.5-	1
264.0	0107	10QO	(3GO)	0.5-	1
268.8	0108	3GC	(10QO)	0.5-	1
269.7	0109	GOUGE		0.5-	1
271.9	0110	4AO	&1 &3	0.5-	1
273.3	0111	4AO	&1 &3 FRACTURE BXA	0.5-	1
276.0	0112	4AC	&1 &3	0.5-	1
279.3	0113	4LO	(5D4)	0.5-	1
279.7	0114	4AO		0.5-	1
282.2	0115	4LC	(4A) (5C4*)	0.5-	1
282.6	0116	4AO		0.5-	1
282.9	0117	4E4	(4EO) 50:50	0.5-	1
285.2	0118	5A61	(5B261 [3G91])	0.5-	1
285.5	0119	4LO		0.5-	1
286.1	0120	5D4@		0.5-	1
288.0	0121	3GC		0.5-	1
288.5	0122	10QO		0.5-	1
296.6	0123	3GC		0.5-	1
297.6	0124	4LO		0.5-	1
298.1	0125	4HC	(4LO&1)	0.5-	1
299.0	0126	4LO		0.5-	1
299.9	0127	4CO		0.5-	1
300.5	0128	4E48		0.5-	1
301.0	0129	4CO	SERICITIC [4L12] (4LO)	0.5-	1
301.3	0130	4E18	*4	0.5-	1
303.1	0131	4LO		0.5-	1
304.8	0132	4E1*	84 SERICITIC	0.5-	1
305.9	0133	4LC		0.5-	1
307.8	0134	3GO		0.5-	1
309.2	0135	3G9		0.5-	1
312.1	0136	5A6		0.5-	1
312.7	0137	3GC		0.5-	1
317.7	0138	5A6	(3GO) (5A19)	0.5-	1
323.3	0139	3G9	(3G96)	0.5-	1
324.5	0140	4AO		0.5-	1
324.9	0141	3GO		0.5-	1
326.2	0142	5A19	6 (5D4*) (10QO)	0.5-	1
328.3	0143	4LC	(4L6) E.O.I.	0.5-	1
329.3	0144	5A6		0.5-	1
330.0	0145	4LC		0.5-	1
330.4	0146	5A6		0.5-	1
332.2	0147	4G4		0.5-	1
334.0	0148	4GO		0.5-	1
334.6	0149	4G4		0.5-	1
335.7	0150	4EC	8	0.5-	1
336.5	0151	4LC	RUBBLE	0.5-	1
350.3	0152	4LC	(10QO)	0.5-	1
351.4	0153	5C4@	(4LO)	0.5-	1

DDH: FAGA068 UTM-N: 905,076.7 UTM-E: 592,298.2 UTM-ELEV: 1,304.1 TOTAL DEPTH: 389.1 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC		RECOVERY	IND
363.7	0154	4LO	(10QO)	SOME NO CORE	0.5-	1
366.6	0155	4AO	[3G19]		0.5-	1
379.4	0156	4LO	(10QO)		0.5-	1
381.3	0157	5C4@	(4CO SERICITIC) (4LO)		0.5-	1
382.5	0158	4LO			0.5-	1
386.8	0159	4LO	(10QO) (5D4*)		0.5-	1
389.2	0160	4LO			0.5-	1

DDH: FAGA068 UTM-N: 905,076.7 UTM-E: 592,298.2 UTM-ELEV: 1,304.1 TOTAL DEPTH: 389.1 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT SYMTRY	S0 ANGLE	S0 DIRECT	S1 ANGLE	S1 DIRECT	S2 ANGLE	S2 DIRECT	RFE CDE	DHDC	SDC	PROCESS
FAGA068	0.0	13.1	PS2	0	0	0	0	70	230	0	1	1	1
FAGA068	0.0	19.0	CS2	0	0	0	0	64	230	0	1	1	1
FAGA068	0.0	24.2	CS2	0	0	0	0	55	230	0	1	1	1
FAGA068	0.0	31.4	CS2	0	0	0	0	61	230	0	1	1	1
FAGA068	0.0	39.0	CS2	0	0	0	0	71	230	0	1	1	1
FAGA068	0.0	43.4	CS2	0	0	0	0	65	230	0	1	1	1
FAGA068	0.0	48.8	PS2	0	0	0	0	55	230	0	1	1	1
FAGA068	0.0	55.0	CS2	0	0	0	0	69	230	0	1	1	1
FAGA068	0.0	61.1	CS2	0	0	0	0	70	230	0	1	1	1
FAGA068	0.0	66.8	CS2	0	0	0	0	69	230	0	1	1	1
FAGA068	0.0	72.8	CS2	0	0	0	0	55	230	0	1	1	1
FAGA068	0.0	79.2	CS2	0	0	0	0	60	230	0	1	1	1
FAGA068	0.0	84.9	CS2	0	0	0	0	65	230	0	1	1	1
FAGA068	0.0	90.7	CS2	0	0	0	0	70	230	0	1	1	1
FAGA068	0.0	98.3	PS2	0	0	0	0	70	230	0	1	1	1
FAGA068	0.0	104.9	CS2	0	0	0	0	73	230	0	1	1	1
FAGA068	0.0	113.1	CS2	0	0	0	0	70	230	0	1	1	1
FAGA068	0.0	119.3	PS2	0	0	0	0	74	230	0	1	1	1
FAGA068	0.0	123.1	CS2	0	0	0	0	70	230	0	1	1	1
FAGA068	0.0	126.5	CS2	0	0	0	0	60	230	0	1	1	1
FAGA068	0.0	133.7	PS2	0	0	0	0	65	230	0	1	1	1
FAGA068	0.0	139.3	CS2	0	0	0	0	55	230	0	1	1	1
FAGA068	0.0	144.8	PS2	0	0	0	0	60	230	0	1	1	1
FAGA068	0.0	151.2	PS2	0	0	0	0	72	230	0	1	1	1
FAGA068	0.0	159.1	PS2	0	0	0	0	70	230	0	1	1	1
FAGA068	0.0	166.4	CS2	0	0	0	0	70	230	0	1	1	1
FAGA068	0.0	173.0	CS2	0	0	0	0	67	230	0	1	1	1
FAGA068	0.0	183.5	CS2	0	0	0	0	65	230	0	1	1	1
FAGA068	0.0	191.4	PS2	0	0	0	0	60	230	0	1	1	1
FAGA068	0.0	194.5	PS2	0	0	0	0	65	230	0	1	1	1
FAGA068	0.0	199.6	PS2	0	0	0	0	70	230	0	1	1	1
FAGA068	0.0	211.5	PS2	0	0	0	0	80	230	0	1	1	1
FAGA068	0.0	220.2	CS2	0	0	0	0	65	230	0	1	1	1
FAGA068	0.0	226.3	PS2	0	0	0	0	75	230	0	1	1	1
FAGA068	0.0	229.8	PS2	0	0	0	0	71	230	0	1	1	1
FAGA068	0.0	234.4	PS2	0	0	0	0	55	230	0	1	1	1
FAGA068	0.0	246.9	PS2	0	0	0	0	80	230	0	1	1	1
FAGA068	0.0	255.7	PS2	0	0	0	0	65	230	0	1	1	1
FAGA068	0.0	261.2	PS2	0	0	0	0	70	230	0	1	1	1
FAGA068	0.0	266.4	PS2	0	0	0	0	70	230	0	1	1	1
FAGA068	0.0	271.3	CS2	0	0	0	0	60	230	0	1	1	1
FAGA068	0.0	275.2	CS2	0	0	0	0	67	230	0	1	1	1
FAGA068	0.0	280.4	CS2	0	0	0	0	67	230	0	1	1	1
FAGA068	0.0	285.3	PS2	0	0	0	0	60	230	0	1	1	1
FAGA068	0.0	292.3	PS2	0	0	0	0	65	230	0	1	1	1
FAGA068	0.0	296.0	PS2	0	0	0	0	70	230	0	1	1	1
FAGA068	0.0	302.5	CS2	0	0	0	0	55	230	0	1	1	1
FAGA068	0.0	311.2	PS2	0	0	0	0	69	230	0	1	1	1
FAGA068	0.0	316.1	PS2	0	0	0	0	70	230	0	1	1	1
FAGA068	0.0	322.5	CS2	0	0	0	0	60	230	0	1	1	1
FAGA068	0.0	327.7	PS2	0	0	0	0	70	230	0	1	1	1

DDH: FAGA068 UTM-N: 905,076.7 UTM-E: 592,298.2 UTM-ELEV: 1,304.1 TOTAL DEPTH: 389.1 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	S0 DIRECT	S1 ANGLE	S1 DIRECT	S2 ANGLE	S2 DIRECT	RFE CDE	DHDC	SDC	PROCESS
FAGA068	0.0	340.8	PS2		0	0	0	0	62	230	0	1	1	1
FAGA068	0.0	347.8	PS2		0	0	0	0	60	230	0	1	1	1
FAGA068	0.0	355.1	PS2		0	0	0	0	65	230	0	1	1	1
FAGA068	0.0	368.2	PS2		0	0	0	0	70	230	0	1	1	1
FAGA068	0.0	382.2	PS2		0	0	0	0	78	230	0	1	1	1
FAGA068	0.0	388.9	PS2		0	0	0	0	60	230	0	1	1	1

DDH: FAGA068 UTM-N: 905,076.7 UTM-E: 592,298.2 UTM-ELEV: 1,304.1 TOTAL DEPTH: 389.1 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC:. 1

DDH	F DEPTH	T DEPTH	FEAT REC CD	PARLL	UPPER PLANE		INTERNAL PLANE		LOWER PLANE		DHD
FAGA068	0.0	258.6	G		0	0	0	0	0	0	1
FAGA068	256.9	258.7	B		0	0	0	0	0	0	1
FAGA068	0.0	260.1	G		0	0	0	0	0	0	1
FAGA068	0.0	265.5	G		0	0	99	999	0	0	1
FAGA068	0.0	267.0	G		0	0	99	999	0	0	1
FAGA068	268.8	269.6	G		0	0	0	0	0	0	1
FAGA068	271.8	273.3	X		0	0	38	180	0	0	1
FAGA068	0.0	279.2	XR		0	0	0	0	0	0	1
FAGA068	280.1	280.2	1G		0	0	0	0	0	0	1
FAGA068	281.2	281.4	G		0	0	0	0	0	0	1
FAGA068	282.0	282.2	B		0	0	0	0	0	0	1
FAGA068	289.2	291.3	B1G		0	0	0	0	0	0	1
FAGA068	0.0	293.2	1B		0	0	0	0	0	0	1
FAGA068	0.0	302.3	G		0	0	0	0	0	0	1
FAGA068	0.0	304.1	G		0	0	50	0	0	0	1
FAGA068	335.7	336.4	R1G		0	0	0	0	0	0	1
FAGA068	0.0	344.8	1G		0	0	0	0	0	0	1
FAGA068	355.9	362.9	NNN		0	0	0	0	0	0	1
FAGA068	0.0	381.0	G		0	0	0	0	0	0	1
FAGA068	0.0	381.9	1G		0	0	0	0	0	0	1
FAGA068	0.0	382.2	1G		0	0	0	0	0	0	1
FAGA068	382.5	386.7	RBG		0	0	0	0	0	0	1

DDH: FAGA068 UTM-N: 905,076.7 UTM-E: 592,298.2 UTM-ELEV: 1,304.1 TOTAL DEPTH: 389.1 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGA068	1	2
FAGA068	2	2
FAGA068	3	2
FAGA068	4	1

CYPRUS ANVIL MINING CORPORATION Page 1 of 24

DIAMOND DRILL CORE LOG Date: _____

Hole Number: FAGA068

Project: Grum Relog 76W

Location: Vancorda Plateau

Claim: _____

UTM ~~Terr.~~ Plane Co-ords.: 6905076.7 N

1979 HLW Survey 592298.2 E

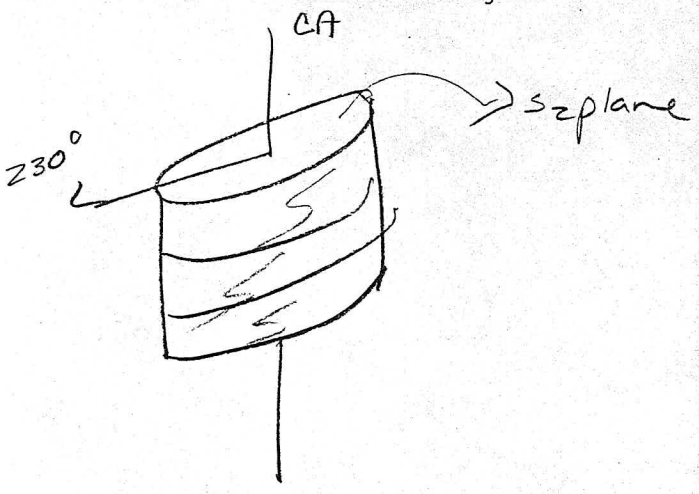
Grid Co-ords: 76W/6N

1979 HLW Survey

Elevation: 1304.1

Total Depth: 1277 ft.

Reference Fabric Orientation Diagram:



All ~~symmetry~~ determinations looking

NW with Sz dipping

SW with dip azimuth 230°.

Purpose: _____

Reason hole Terminated: _____

Re

Logged by: Janet Modene

Date(s) Logged: July 2, 1981 -

Drilling Contractor: _____

Size	CORE From	To
BQ	40	1277

Collar Cased and Capped: ____

Hole Cemented: _____

Steel down hole: _____

Started: 4/17/75 Completed: 4/25/75

Cyprus Anvil Mining Corp.
Diamond Drill Core Log

DDH FAGA0068
(2 — 8)

Code	Drillhole	Elevation	Northing	Easting	Comments
	2 — 8	10 — 16	17 — 24	25 — 32	34 — 48
T	FAGA0068	1304.1	9050716.7	592298.2	FEET

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
	2 — 8	10 — 14	22 — 26	28 — 32	34 — 56
R	FAGA0068	0.0	180.0	0.0	ATCOLLAR
R	FAGA0068	400.0	167.0	117.0	TROPARI
R	FAGA0068	780.0	173.5	107.5	
R	FAGA0068	1277.0	173.0	120.0	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	

Code	Drillhole	Comments, Errant Remarks, Snivellings and/or Lewd Suggestions
	2 — 8	10 — 47
C	FAGA0068	READING IS AT 4000' AND 7801' HAVE NO
		AZIMUTH. AZ CALCULATED FROM DIDHS
		FAGA0091 AND FAGA0310

DDH FAGA.06.8 (2 / 8)

Cyprus Anvil Mining Corp.

Lithologic Log

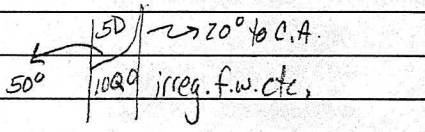
Page 3 of 24

Date: _____ Logged By: J. Modene

Code	From	To	Recov.	No.	Unit	Description	
1	10 14	16 20	22 24	26 28	30 34	35	FW CTC
L	0	40.0		1		O/B granite boulder (till?)	
L	40.0	50.4		2	5DO1	green massive w/ cc bands	sharp //S_2
L	50.4	54.4		3	5DO1	? still massive green but this rock is greendue to sericite rather than chlorite	gradational
						[4L?]	
L	54.4	111.23		H	5BO1	Fe staining ~~possibly~~ due to $FeCO_3$ in addition to cc. core broken into poker chips @ H.W.	
						Rubble @ 64.8; Rubble also @ beginning of most runs — drilling artifact?	silicified
						minor gouge @ 109	
L	111.23	115.5		5	5DI*	ank	
L	115.5	119.9		6	5DI4*	[4L5?]	
L	119.9	127.4		7	5BO1	(5B2 @ H.W.)	
						broken w/ minor gouge 122-124; gouge @ 126.5	
L	127.4	159.6		8	5BO1	as #7 but less broken	
						minor gouge (//S_2?) 146.0, 147.5,	//S_2
L	159.6	164.6		9	5DO1	massive green w/ cc bands.	
						(5B8 intrbed 163.3-164)	
L	164.6	169.9		10	5B81	strongly calc, 10Q0 //S_2 @ 164.7	//S_2
L	169.9	172.7		11	5BD	looks like some 5D mat'l mixed into 5B	
L	172.7	220.6		12	5B1813	strongly calc, locally loses all micas other than chlorite,	
						Possible fold nose E @ 199	
						Much broken core below 203'	broken
L	220.6	222.9		13	5DO1	massive green, calc	//S_2
L	222.9	271.7		14	5B181	(5B83) (10Q0 @ 227, 232, 233)	
						poker chip core to 228	
						poker chip core + minor gouge 232-235, 246.5-249.5	
						gouge @ 255.1, 266.4	
						becoming massive (5D??) 267 to f.w.	
						thick cc veins //S_2 270.0 to f.w.	//S_2
L	271.7	283.6		15	5BO	greenish grey, pervasively cleaved phyllite	
						strong 10Q0 veining //S_2 276.0 to f.w. (→ +cc)	
L	283.6	286.6		16	5DO1	core is fairly broken, massive green, calc	broken
L	286.6	292.2		17	5BO	(10Q0) broken core	broken

DDH FAGA0688 **Cyprus Anvil Mining Corp.** Page 4 of 24

Lithologic Log Date: _____ Logged By: J. Modene

Code	From	To	Recov.	No.	Unit	Description	F.W. CTC
1	10 14	16 20	22 24	26 28	30 34	35	
L	129122	121945		118	5IB01	? Rubble + gouge	
L	129145	130387		119	5IB0	[5B8?] core consistently broken into 1-2 cm pieces	broken
L	130387	131068		120	5ID10	massive green, calc, 	irreg.
L	131068	131100		121	10QQ0		broken
L	131100	131182		122	5ID101	massive green, calc	
L	131182	131210		123	5ID101	as #20 but w/ abundant (45%) thick cc veins // Sz	
L	131210	133160		124	5ID101	same lithology	// Sz
L	133160	133530		125	5IBD	? What is this rock? 5B8? 5B7? 5D ? 5F ? Calcareous chlorite + sericite phyllite w/ minor po blebs	// Sz
L	133530	133549		126	5ID0	+10 QQ 354-354.5	// Sz
L	133549	136103		127	5IB131	gouge @ 355.8, 356.3 strongly calc	// Sz
L	136103	136115		128	5ID01	massive green w/ cc bands	// Sz
L	136115	138988		129	5IB813	picking up grey mica near FW. Much cc (5D0 int bd @ 398.6)	// Sz
L	138988	139210		130	5ID101	massive green w/ cc bands	// Sz
L	139210	141157		131	5IB01	moderately to strongly calc, becoming non calc towards fw. gouge @ 409 + broken core below v. minor 10QQ	broken
L	141157	142117		132	5IB121	mostly non calc 5B6 [3GZ] 419.8 - 419.5 brxiated 419.5 - 420.7 gouged (// Sz ?)	
⇒ L	142117	142157		133	41E41	(4A) whole core sampled by KA. Lithsinterp from their logs. "70% py 15% PbZn"	
L	142157	142180		3A	4A1413	+3Gz finely interlam	broken
L	142180	142197		135	4A1311	+3Gz finely interlam	broken
L	142197	143120		136	44O1	(4CO) ? disintegrating	
L	143120	143131		137	4BØ4	sericitic ~ 2-5% PbZn? tel sp +gn	see assays
L	143131	143162		138	4A41	+3Gz finely interlam	

DDH FAGA068 (2 / 8) Cyprus Anvil Mining Corp. Page 5 of 24

Lithologic Log Date: _____ Logged By: J. Modene

Code	From	To	Recov.	No.	Unit	Description	F.W. CTC
1	10 14	16 20	22 24	26 28	30 34	35	
L	413162	413181		39	4L01	? [5D4] + greg phyllite @ H.W.	broken
L	413181	414145		A0	41A4/0	+3Gz see assays	broken
L	414145	414172		A1	4L014	? (4L6) (3G0)	
						very broken, rubbled interval, ↑gouge	broken
L	414172	415157		A2	4B10/4	±4' (4D4) sericitic (4C0) minor 4A phyll. @ H.W.	broken
L	415157	416136		A3	4C101	sericitic w/ local phyllitic partings (4L1)	
						5C4* marip+ank near EOI	broken
L	416136	416154		A4	41A114	phullitic	
L	416154	416170		A5	5D41*	(4C0) ser	
L	416170	416912		A6	41A11	+3Gz finely interlam. Py = only std	
L	416912	417109		A7	41D01	w/ minor sericite	
L	417109	417249		A8	5C41*	marip+ank (10Q0)	
L	417249	417588		A9	41D40	w/ minor sericite	gradational
L	417588	417766		510	41E1.4	(4L) (4A)	
L	417766	418120		511	44A41	+3Gz finely interlam	lost orbr.
L	418120	418355		512	4D14	w/ minor sericite, minor ank spots, visible greenoby.	lost orbr
L	418355	418500		513	5D41*		1/5z
L	418500	419666		514	3G10	minor 10Q0, minor 5D4 int bd	broken
L	419666	419977		55	5D41*		broke
L	419977	501777		516	3G10	w/ minor 10Q0 1/5z	broken
L	501777	511000		517	5D41*	inj minor dissem py	gouged
L	511000	515000		518	G10.UGE	~ 15cm Fault	
L	515000	515187	310	519	4L1.4	(4D+seq), poor recov 515-517	lost
L	515187	521600		610	4A314	bxia	
						4D	
						4E1 bxia	
						4A bxia → X's @ 53° to C.A.	
						4E bxia	
							gouged
L	521000	521100		611	GOUGE		
L	521100	521250		612	3G10	broken core to 523	gouged
						→ Sz 60°/230°	
						→ fracture 60°/50° } minor gouge along both surfaces	
						minor white mica devel	
						lower ctc gouged	

C.A.M.C. 1981 – E-3

DDH F.A.G.A.0.6.8 (2 . 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: _____ Logged By: J Modene

Code	From	To	Recov.	No.	Unit	Description	FW CTC
1	10 14	16 20	22 24	26 28	30 34	35	
L	151250	151360		63	4L01	?? Broken rubbly core w/ minor gouge. (bts acc to GAG) Note that KA split this accounting for some of the broken nature	
						Mostly phyllitic or sericitic, some pieces of 4D0.	broken
L	151360	151610		64	4A11	phyllitic ±4 sericitic @ 1 m. H.W	
						phyllitic qtzite w/ minor stfds	
L	151610	151710		65	4A113	+3G2 finely interlam. ±4 (KA assays: ~6% Pb Zn)	
						minor fxiation @ 576'	arbitrary
L	151710	161015		66	4A114	phyllitic	arbitrary
L	161015	161144		67	4A14	phyllitic	broken
						N.B. #'s 62, 64, 65 actually have very little resemblance to 4A but are classified as such due to the minor sedimentary component [4C phyllitic+sedicitic; 4L/Z4 phyllitic etc]	
L	161144	161191		68	H%01	+minor sericite, overall ~5% Pb Zn so (4D0)	lost
⇒ L	161191	161240		69	H1D01	sericitic	
						whole core sampled by KA Lith interp from KA logs + from 2 pieces of core left in box ~8% Pb Zn	
						There is also one piece of 5D chloritic left in the box. Could be out of place cut ≠ no mention in log.	
L	161240	161328		710	4D4/5	(5D4* maripbleb, ank, ser in bed 625 625.5) (4A4) Minor ank @ H.W.	
L L	161328	161346		711	4A1	+3G2 (4A13)	
L	161346	161377		712	4L01	bleached phyllite (100)	
L	161377	161397		713	3G12	becoming silicified (4A no stfds) to f.w.	
						lower cte is a thick (6cm) band of pitted rusted pyrite	
L	161397	165559		714	4L01	bleached phyllite (3G4)	
						(4L5 $FeCO_3$=, probably 5D4*)	
						very sericitic @ f.w.	
L	165559	166118		715	4D0/4	sericitic (4A4) (4L0) ~8% Pb Zn	
L	166118	166777		716	4A13	+3G2 finely interbanded	

DDH F.A.G.A.0.6.8 (2 … 8) Cyprus Anvil Mining Corp. Page 7 of 24

Lithologic Log Date: _____ Logged By: JModerie

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	16617	16812.3		717	4A4	+3Gz finely interlam } whole core sampled A.M.T.
						} Liths interp from KA logs
						15-20% PbZn
L	16812.3	16818.0		718	4A4	+3Gz
						4L rubble to 683.4
						Low grade 4A* ank. phyllitic to 684.3
						4L rubble to 685
						Low grade 4A phyllitic to 686
						4A4 to 688
L	16818.0	16909		719	4L	about 50% rubbled + gouge ±3
L	16909	17016.3		810	4A	±3 ±4 +3Gz finely interlam. <5% PbZn
						(5D4*)
L	17016.3	17215		811	4A4	(4E4) 15-30% PbZn
						increasingly graphitic toward f.w.
						slips, fractures, std + phyllite bxia well healed
						(4A no stds 719.4 - 720.4)
						whole core sampled. Lith interp from
						KA logs
L	17215	17223		812	5TA	(5A19)
						lower cde = 4L (thin) then std band/thin // Sz // Sz
L	17223	17300		813	4L	(10Q0) (3G0) Becoming silicified (4L) toward silicified
						f.w.
L	17300	17338		814	4K4	±1 cc+dolo; banded & patchy-bxiated types, broken
						4J affinities (ie matrix very sp rich) → purple/red sp
						minor po
L	17338	17348		815	4D4	(5D4*) ($CO_3^=$ vein) broken
						orange sp
L	17348	17397		816	4A4	losing grade @ f.w.
L	17397	17463		817	4L0	bleached phyllite (10Q0 + $CO_3^=$)
L	17463	17507		818	4K0	60% gouged (// Sz ?) minor 10Q0 25% CA
L	17507	17519		819	4A3	bxia
						f.w. etc:  Sz inapient Sz in bxia 45°/230°
						→ fracture 45°/50°
L	17519	17575		910	3G1	±1% v. minor std< // Sz
L	17575	17676		911	4L0	bleached phyllite broken
						(4L2 @ f.w)

C.A.M.C. 1981 – E-3

DDH F A G A 0 6 8 (2 / 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: _____ Logged By: J. Modene

Code	From	To	Recov.	No.	Unit	Description	
1	10 14	16 20	22 24	26 28	30 34	35	FW CTC
L	1761.76	1769.4		9.2	3G10	→ 4L rubbled @ H.W. 10cm gouge // Sz @ ~769	
L	1769.4	1771.60		9.3	14L01	(4L12)	broken
L	1771.60	1781.10		9.4	GOUGE	grey + white w/ rubbled 3G @ H.W.	
L	1781.10	1781.80	32	9.5	RUBBLE	+ poor recov + minor gouge, 3G, 10G, 4L, minor py	
L	1781.80	1791.08		9.6	14L01	(3G0)	
L	1791.08	1791.27		9.7	14G14	whole core taken for met tests	
L	1791.27	1795.54		9.8	14E01	±4 ± * ± porous Pieces of core left in box	
L	1795.54	1798.22		9.9	14G01	over 1 foot. Lithologies interbedded	
L	1798.22	1800.05		10.0	14EH1	±1 from those pieces + KA logs	
						overall 10-13% PbZn	
L	1800.05	1811.20		10.1	14A113		
L	1811.20	1811.86		10.2	14E41	(4G)/(4A) ?? No core not test ~15% PbZn	
L	1811.86	1821.17		10.3	14A113		
L	1821.17	1821.39		10.4	14L01	(5C4*)	Faulted
L	1821.39	1855.50		10.5	3G10	(10Q0)	
						minor gouge: 832 (// Sz?)	
						842.2 - 843 (// Sz?) w/ broken core to 849	
						848.7 (// Sz?)	
						853.5 (// Sz?)	
L	1855.50	1861.18		10.6	14L01		broken
L	1861.18	1861.60		10.7	10Q0	(3G0)	
L	1861.60	1881.19		10.8	13G6	(10Q0) thin gouge // Sz @ 871.2 + 876	gouged
L	1881.19	1881.48		10.9	GOUGE	w/ rubbled 3G @ FW	broken
L	1881.48	1891.20		11.0	14A01	±1 ±3 ±3G finely interlam no visible PbZn	// Sz
L	1891.20	1891.68		11.1	14A01	as #108 but fracture brxiated	// Sz
L	1891.68	1901.56		11.2	4A01	as #108+109, not brxiated	
L	1901.56	1911.62		11.3	4L01	(5D4)	
L	1911.62	1911.78		11.4	4A01	brxiated + rubbled upper cte, bleached, gradational	
						lower cte No sfds	// Sz
L	1911.78	1921.60		11.5	14L01	minor gouge (// Sz?) 919.2-919.5	
						4A intbd (as #112) w/ rubbled upper cte +	
						gouged lower cte 922.7 - 923.5	
						Caught in fault slice?	
						10Q0 @ 924.3, 5C4* ank marip from 924.7	
						Broken 925.4 - EOT	

DDH EAGA068 (2 / 8) Cyprus Anvil Mining Corp. Page 9 of 24

Lithologic Log Date: _____ Logged By: JMadera

Code	From	To	Recov.	No.	Unit	Description	
1	10 14	16 20	22 24	26 28	30 34	35	FW CTC
L	9260	9271		116	4A0		
L	9271	9280		117	4E41	(4E0) 50:50 4E4 core not split by KA so 60° contact intact 4E0	
L	9280	9357		118	5A161	(5B261 or 3G9.1)	1/sz
L	9357	9367		119	4L0		1/sz
L	9367	9388		120	5D4*	ank, minor masip blebs	
L	9388	9450		121	3G0		
L	9450	9465		122	10Q0		
L	9465	9730		123	3G01	949-956 broken core + minor gouge minor broken core @ 962'	
L	9730	9764		12A	4L01		broken
L	9764	9780		125	4H0	(4L0±1) could have lumped all as 4L w/ 4HE H.w.	broken
L	9780	9810		126	4L0		broken
L	9810	9840		127	4C01	slightly sericitic (4L0 @ f.w.)	silicified 10QC
L	9840	9860		128	4E418		
L	9860	9875		129	4C01	sericitic (4L0) [4L12]	
L	9875	9885		130	4E18	*4 note: qtz 10% mgt + Pbz not all distrib throughout	
L	9885	9945		131	4L01	gouge @ 992 → cpy also, minor	
L	9945	9999		132	4E11*	85 sericitic 4L0 intbd @ 996	gouged
L	9999	10037		133	4L01		
L	10037	10097		134	3G0		
L	10097	10144		135	3G91		
L	10144	10232		136	5A61	minor 10Q0 near f.w.	
L	10232	10260		137	3G0		
L	10260	10422		138	5A61	(3G2) (5A19	
L	10422	10608		139	3G91	pickup up ribbon banded texture, minor py (3G96)	
L	10608	10645		1A0	4A01	~3% Pbzn	
L	10645	10660		1A1	3G12		
L	10660	10703		1A2	5A19	6 (5D4*) (10Q0)	
L	10703	10770		143	4L01	(4L6 @ f.w.)	
L	10770	10805		14A	5A16	4L Note small (4cm) fold nose(?) of 4E17±4 sfd in 4L intrbd @ 1077.5 Similar to above units 4L lower ctc gradational	

DDH FAGA068 (2–8)

Cyprus Anvil Mining Corp.

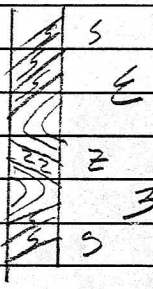
Lithologic Log

Date: _____ Logged By: J. Modene

Code	From	To	Recov.	No.	Unit	Description	FWCTC
1	10 14	16 20	22 24	26 28	30 34	35	
L	1018.05	1018.27		1A5	4L0	? gradational	11S2
L	1018.27	1018.40		1A6	5A6	SG	
L	1018.40	1019.00		1A7	4G4	honey to orange sphalerite 20% py @ HW	no pre-sample cuts except 177-178 11 comp bnds
L	1019.00	1019.57		1A8	4G4Y0	red-orange sphalerite. Is there qtz as well 4G4?	
L	1019.57	1019.77		1A9	4G4	honey sphal	
L	1019.77	1110.15		1S0	4E4	8	
						very minor $CO_3^=$ spots + v. minor possible barite gangue	
L	1110.15	1110.40		1S1	4L0	? Rubble + minor gouge. (10Q0 @ HW + FW)	
L	1110.40	1114.92		1S2	4L0	10Q0) + limonitic Fe stain to 1030	
						minor gouge @ 1031.5	
						hematitic Fe stain 1032 - 1041	11S2
L	1114.92	1115.29		1S3	5C4*	ank, marip, chlor, in bedded 4L0, siliceous pebbles	
L	1115.29	1119.32		1S4	4L0	(10Q0) minor py	broken
						Note: missing core box 1167.7 - 1190.9 ft.	
L	1119.32	1120.27		1S5	4A0	w/ minimal sfds, py, or [3G219]	
L	1120.27	1124.46		1S6	4L0	(10Q0) loses minor sfds to weak fw becoming	
						merely a bleached phyllite	
L	1124.46	1125.10		1S7	5C4*	ank, marip, chlor	
						(4L0 ser. @ 1247)	
						(4L0 + gouge @ 1250)	silicified
L	1125.10	1125.50		1S8	4L0	minor gouge @ 1254, 1253	
L	1125.50	1126.90		1S9	4L0	+ 10QW + 5D4* Rubble, broken core, gouge,	
						fracturing	gouged
L	1126.90	1127.70		1S10	4L0	fairly competent, no sfds	
						EOH @ 1277 ft	

DDH EAGA068 (2 8) Cyprus Anvil Mining Corp. Page 11 of 24

Structural Log Date: _____ Logged By: J. Modene

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		430	PIS/Z				70/230	SD
S		624	CIS/Z				61/230	
S		795	CIS/Z				55/230	
S		1013.0	CIS/Z				61/230	
S		1217.0	CIS/Z				71/230	
S		1417.3	CIS/Z				65/230	
S		1600	PIS/Z				55/230	
S		1804	CIS/Z				69/230	
								@199 ft
								
								sym in zone above + below is combination of S + D So this is probably a short Z limb Jinan S limb
S		2006	CIS/Z				70/230	
S		2190	CIS/Z				69/230	
S		2390	CIS/Z				55/230	tension gashes @ 70°/50°
								Symmetry still S+D
S		2600	CIS/Z				60/230	S sym
								@261 ft S4 29°/50° → Is F4 controlling the att. of tension gashes?
S		2718.5	CIS/Z				65/230	
S		2976	CIS/Z				70/230	
S		3225	PIS/Z				70/230	SD
S		3440	CIS/Z				73/230	S sym @ 360 small perturbation in S limb

DDH FAGA068 (2–8) Cyprus Anvil Mining Corp. Page 12 of 24

Structural Log Date: _____ Logged By: J. Madeira

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		3710	CSIZ				70/230	S sym
S		3915	PSIZ				74/230	" (51)
S		4040	CSIZ				70/230	Z sym which seems to persist below, until...
S		4150	CSIZ				60/230	S sym
S		4318	PSIZ				65/230	in 4A
S		4570	CSIZ				55/230	S_2 in 4A
S		4750	PSIZ				60/230	comp bndg in sfds
S		4960	PSIZ				72/230	
S		5120	PSIZ				70/230	
S		5460	CSIZ				70/230	in sfds
S		5675	CSIZ				67/230	S_2 in 4A
S		6020	CSIZ				65/230	"
S		6180	PSIZ				60/230	comp bndg in sfds
S		6380	PSIZ				65/230	
S		6550	PSIZ				70/230	
S		6940	PSIZ				80/230	4A
S		7120	CSIZ				65/230	S sym
S		7425	PSIZ				75/230	
								steep S_1 becomes dominant above gouge zone ~745.5'
S		7540	PSIZ				71/230	
S		7690	PSIZ				55/230	
S		810	PSIZ				80/230	S_2 in 4A
								Fault ctc @ 823.7 ft.: S_2 = 62°/230°; Z ctc = 42°/340°; S_2 = 65°/275° relative to unit above
S		8390	PSIZ				65/230	
S		8570	PSIZ				70/230	
S		8740	PSIZ				70/230	
S		8900	CSIZ				60/230	4A
								fracture in 4A b/a steep subvertical to 38°/50°

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

DDH EAGA068 (2 8) Cyprus Anvil Mining Corp. Page 13 of 24

Structural Log Date: _____ Logged By: J. Madeo

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		90130	CSIZ				67 230	
S		92100	CSIZ				67 230	Z sym ??
S		93600	PSIZ				60 230	SDH
S		95900	PSZ				65 230	
S		97100	PSIZ				70 230	
S		99125	CSIZ				55 230	Z sym ??
								@ 998 gouged dtc // S, 50/230
S		101210	PSIZ				69 230	
S		103170	PSIZ				70 230	
S		104580	CSIZ				60 230	
S		107150	PSZ				70 230	
S		111180	PSZ				62 230	
S		114160	PSIZ				60 230	
S		116550	PSIZ				65 230	
S		120180	PSZ				70 230	
S		121540	PSZ				78 230	
S		122760	PSIZ				60 230	
								Note: Most of these PSZ's @ footwall of hole are in 4L where crenulations are hard to see (Also its awful cold today so maybe I didn't look hard enuff
								EOH

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

DDH FAGA0618 Cyprus Anvil Mining Corp

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Logged by J. Modene

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

Feet

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION	
	10 14	16 20	22 26	28 30	32 34	36 40	42	
P	14211 7	14215 7	900041	1	1	4E4	(4A) #31 Kerr Addison, *11185 whole core sampled	
P	14215 7	14218 0	717112	23	23	4A413	+3G2	#32
P	14218 0	14297	717113	17	16	4A311	+3G2	#33
P	14297	14320	717114	23	22	4L101	(4C0)	#34
D	14320	14331	717115	11	11	4B10 4	sericitic see comments	#35
P	14331	14316 2	717116	131	131	4A141	+3G2	#36
P	14316 2	14381	717117	19	19	4L101	(5D4)	#37
P	14381	14445	717118	164	132	4A1410	+3G2 see comments	#38
P	14445	14472	717119	127	127	4L1014	(4L6)(3G0)	#39
P	14472	14508	717210	136	136	4B104	±4 (4D4) sericitic (4A phyll)	#40
P	14508	14557	717211	149	149	4B101	"	#40
P	14557	14592	717212	135	135	4C101		#41
P	14592	14636	717213	144	144	4C101		#41
P	14636	14654	717214	118	116	4A114	phyll	#42
P	14654	14670	717215	116	116	5D14*	(4C0)	#43
P	14670	14692	717216	122	116	4A111	+3G2	#44
P	14692	14709	717217	117	116	4D101	minor ser	#45
P	14709	14724	717218	115	113	5C14*	marip+ank(1000)	#46
P	14724	14758	717219	134	134	4D1410	minor ser	#47
P	14758	14776	717310	118	116	4E114	(4L)(4A)	#48
P	14776	14820	717311	144	144	4A141		#49
P	14820	14835	717312	115	113	4D14	minor ser	#50
P	15115 0	15167	717313	137	132	4L1214	1/4 [4D sericitic]	#57
P	15167	15200	717314	113	113	4A1314	bxia	#58
P	15360	15430	717315	170	170	4A111	phyll	#62
P	15430	15480	717316	150	150	4A1114	"	#62
P	15480	15540	717317	160	166	4A111	"	#62
P	15540	15600	717318	160	160	4A111	"	#62
P	15600	15680	717319	180	178	4A1113	+3G2 ≠4	#63
P	15680	15770	717410	190	190		"	#63
P	15770	15837	717411	167	167	4A1114	phyll	#64
P	15837	15896	717412	159	159	4A1114	"	#64
P	15896	15957	717413	161	161	4A1114	"	#64
P	15957	16015	717414	158	155	4A1114	"	#64

#1

#2

#3

DDH FA-GA-068 (2 8) Cyprus Anvil Mining Corp

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Logged by J. Modene

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	160115	160800	177415	165	165	14A114	phyll #65
P	160800	161144	177416	164	159		" #65
P	161144	161911	177417	147	145	14D101	minor sericite (4DO) #66
⇒ P	161911	161240	910101A12	149		14D101	sericitic KerrAdd #1310 #67
P	161240	161280	177418	140	140	14D415	(5D4*)(4A4) #68
P	161280	163128	177419	148	139		" #68
P	163128	163146	177510	116	116	14A111	+3Gz (4A13) #69
P	165159	166118	177511	159	149	14D104	sericitic (4A4)(4LO) #73
P	166118	166177	177512	159	159	14A1113	+3Gz #74
⇒ P	166177	167133	910101A13	156		14A14	+3Gz } whole core sampled #75
⇒ P	167133	167186	910101A14	153			} by KA #75
#4 ⇒ P	167186	168223	910101A15	137			sample # 1315, 1316, 1317 #75
P	168223	168880	177513	157	157	14A40	+3Gz #76
P	168880	169099	177514	129	126	14L0	+gouge #77
P	169099	169164	177515	155	155	14A11	±3 +3Gz #78
P	169164	170100	177516	146	142		" #78
P	170100	170163	177517	153	145		" #78
⇒ P	170163	171134	910101A16	171		14A14	(4E4) } whole core #79
⇒ D	171134	171944	910101A17	160			} sampled KA #79
⇒ P	171944	172155	910101A18	121			sample #s 1323, 1324, 1325 #79
#5 P	173000	173333	177518	133	133	14K141	±1 #82
P	173333	173488	177519	155	113	14D141	#83
P	173488	173977	177610	149	149	14A114	#84
							4E64
D	179088	179552	910104A19	144		14G4	+4EO ±4±*±porous } #95 96
#6 P	179552	181005	910105A10	153		14G0	4E4 +4E4±1 #97, 98 } sample #s 1328, 1329
D	181005	180160	177611	155	155	14A113	#99
P	180160	181120	177612	160	155		#99
⇒ P	181116	181186	910105A11	170		14E4	4G? 4A? KA sample #1332 wholecore #100
P	181186	182117	177613	131	129	14A113	#101
P	197164	197800	177614	116	113	14A0	(4LO) #123
P	197800	198100	177615	130	129	14L0	#124
P	198100	198400	177616	130	126	14C0	ser (4LO) #125

DDH FAGA068 Cyprus Anvil Mining Corp

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Logged by J Madere

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	9840	9860	77617	20	19	4E48		#126
P	9860	9875	77618	15	13	4C0	ser (4C0) [4C12]	#127
P	9875	9885	77619	10	10	4E18	*4	#128
P	9885	9945	77770	75	59	4L0	(4E1*8)	#129
P	9945	9999	77771	39	39	4E1*8 sericific		#130
P	10840	10900	77772	56	54	4G4		#145
P	10900	10957	77773	57	57	4G4		#146
P	10957	10977	77774	20	20	4G4		#147
P	10977	11015	77775	38	38	4E4	(4E8)	#148

#7

#8

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

FEET

FAULT

DDH FAGA068 (2 / 8) Cyprus Anvil Mining Corp. Page ____ of ____

Structural Log Date: 27 Oct 83 Logged By: ____

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
F	11212 0	11214 0	B1G					brken w/ minor gouge
F		11216 5	G					gouge
F		11416 0	1G					minor gouge
F		11417 5	1G					minor gouge
F		11614 7	Q1			919 9919		1020 // S_2
F	12103 0	12121 0	63B1					much brken core
F	12212 9	12218 0	T1					poken chip
F	12312 0	12315 0	T1G					poken chip w/ minor gouge
F	12416 5	12515 5	T1G					poken chip w/ minor gouge
F		12319 0	J1			210 1810		Tension gashes
F		12515 1	G1					gouge
F		12616 4	G1					gouge
F	12716 0	12816 6	Q1			919 9919		Strong veining // S_2
F	12816 6	12912 2	2B1					fairly broken
F	12912 2	12914 5	R1G					rubble & gouge
F	12914 5	13013 7	3B1					brken into 1-2 cm pieces
F	13016 8	13110 0	Q1					1020
F		13155 8	G1					gouge
F		13516 3	G1					gouge
F		14019 0	G1					gouge
F	14019 0	14115 7	B1					brken core
F	14118 8	14119 5	X1					bxiated
F	14119 5	14210 7	G1					gouged
F	14217 7	14257	N1N1N					whole core sampled by K-A
F	14414 5	14417 2	3B1R					very brken & rubbled
F	15110 0	15115 0	GF1					gouge — fault
F	15115 0	15117 0	P1					poor recovry
F	15118 7	15210 0	X1					bxa on 4E & 4A
F	15210 0	15210	G1					gouge
F	15210	15213 0	B1		60 2310		60 1810	brken core
								fracture
F	15215 0	15316 0	B1R					broken, rubbly
F		15716 0	1X1					minor bxiation
F	16119 1	16214 0	N1N1N					K-A sample — no core
F	16167 0	16812 3	N1N1N					K-A sample — No core
	16812 3	16813 4	R1					rubble

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

FEET!

FAULT

DDH FA.GA.06.8 (2 / 8)

Cyprus Anvil Mining Corp.

Structural Log

Page _____ of _____

Date: 27 Oct/83 Logged By: _____

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
F	161814 3	161850	RI					rubble
F	161880	161969	RIG					50% rubbled & gouged
F	170163	172115	NINN					K-A sample no core
F	170163	172115	XI					healed bxa
F	173100	173133	XI					banded & patchy bxiated type
F	174163	175107	GI					60% gouged
F	175107	175119	XI				415 1810	bxa
F		171676	RI					rubbled
F		171690	GI		919	91919		10cm gouge // S_2
F	171760	171810	GI					grey & white gouge
F	171810	178800	RIP					rubble + poor recovery - minor gouge — mixed rock types
F	179108	181055	NINN					K-A sample — No core
F	181126	181866	NINN					K A sample - no core
F		181320	IGI					minor gouge
F		181237	GI		412	11010		gouge
F	181422	181430	GI					gouge
F	181430	181490	BI					broken core
F		181487	GI					gouge
F		181535	GI					gouge
F		181712	GI		919	91919		gouge
F		181760	GI		919	91919		gouge
F	181819	181848	GI					gouge
F	181920	181968	XI		318	11810		fracture bxiated
F		191162	XRI					bxiated & rubbled
F	191192	191195	IGI					minor gouge
F	192127	192355	GI					gouge
F	192554	192160	BI					broken
F	194190	195160	BIIG					broken core & minor gouge
F		196120	IBI					minor broken core
F		191920	GI					gouge
F		191980	GI		510	01010		gouged contact
F	111015	111049	RIIG					rubble & minor gouge
F		111315	IGI					minor gouge
F	111677	111909	NINN					missing core box
		125100	GI					gouge

FEET

DDH FAGA068 (2 / 8) Cyprus Anvil Mining Corp. Page _____ of _____

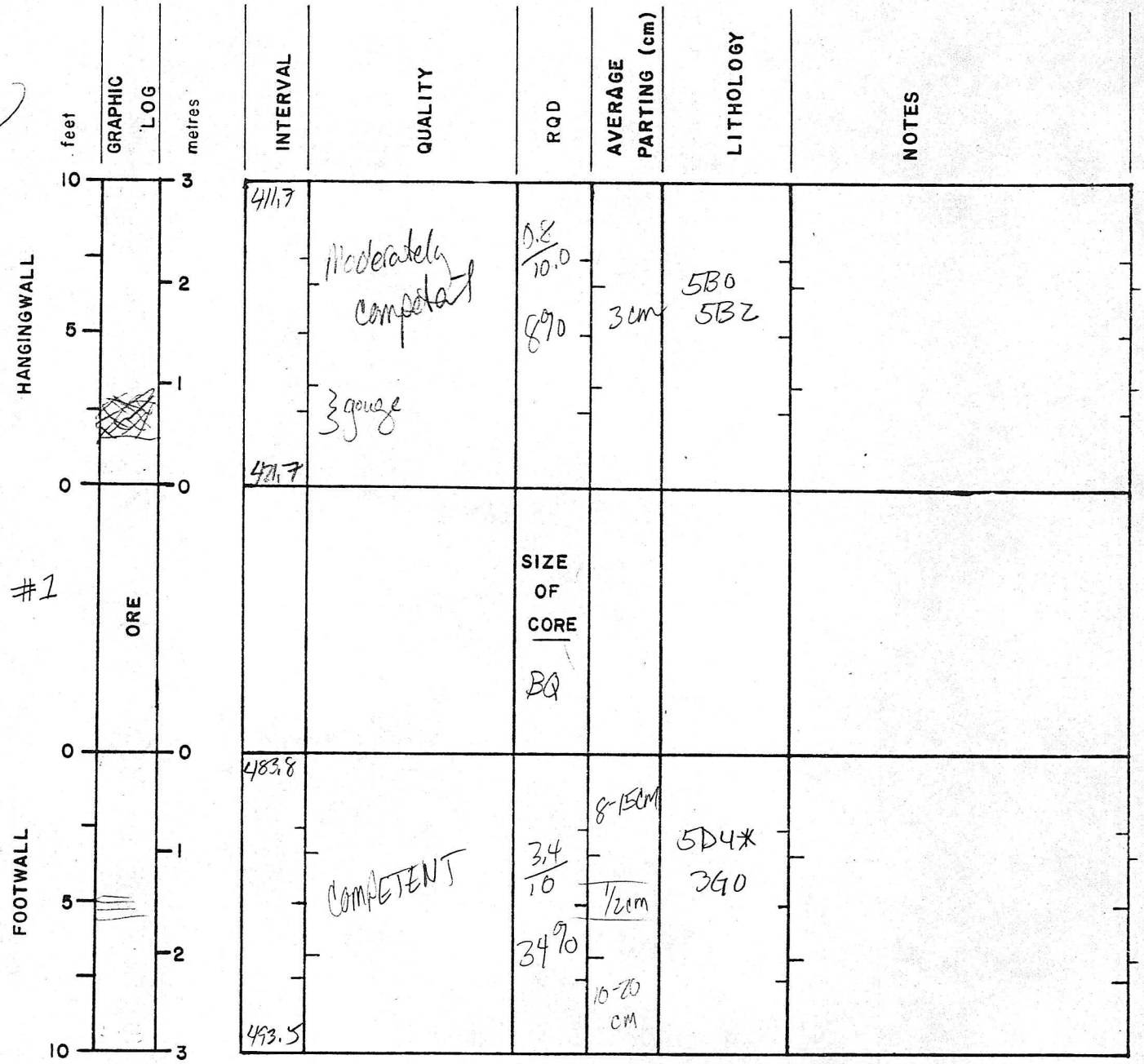
Structural Log Date: 27 Oct 83 Logged By: _____

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
F		12540	1G					minor gouge
F		12530	1G					minor gouge
	12550	12690	RBG					rubble, broken core, gouge, fracturing

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

DDH- FIAIGIA1016
421.7 - 483.5 #1

GEOTECHNICAL LOG



DDH- EIAGIA1016[illegible]
#2 515.0-520.0

GEOTECHNICAL LOG

Feet

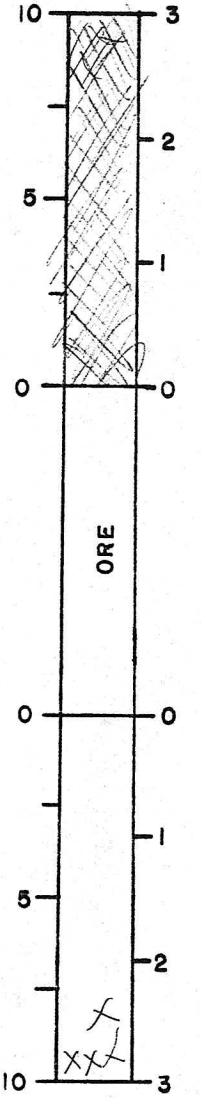
#2

GRAPHIC LOG (feet / metres)	INTERVAL	QUALITY	RQD	AVERAGE PARTING (cm)	LITHOLOGY	NOTES
HANGINGWALL	505	COMPETENT	1.2 / 50 (24%)	10cm	3Go 5D**	
	515	Gouge Incomp. Poor Rock	0	0		
ORE			SIZE OF CORE BQ			
FOOTWALL	520				GOUGE	
	521				3Go Broken	
	523	INCOMPETENT	0	0	3Go	
					4Go? Broken + some gouge	
	530					

DDH- FIAGIA0166
#3 536.0 - 634.6

GEOTECHNICAL LOG

Feet

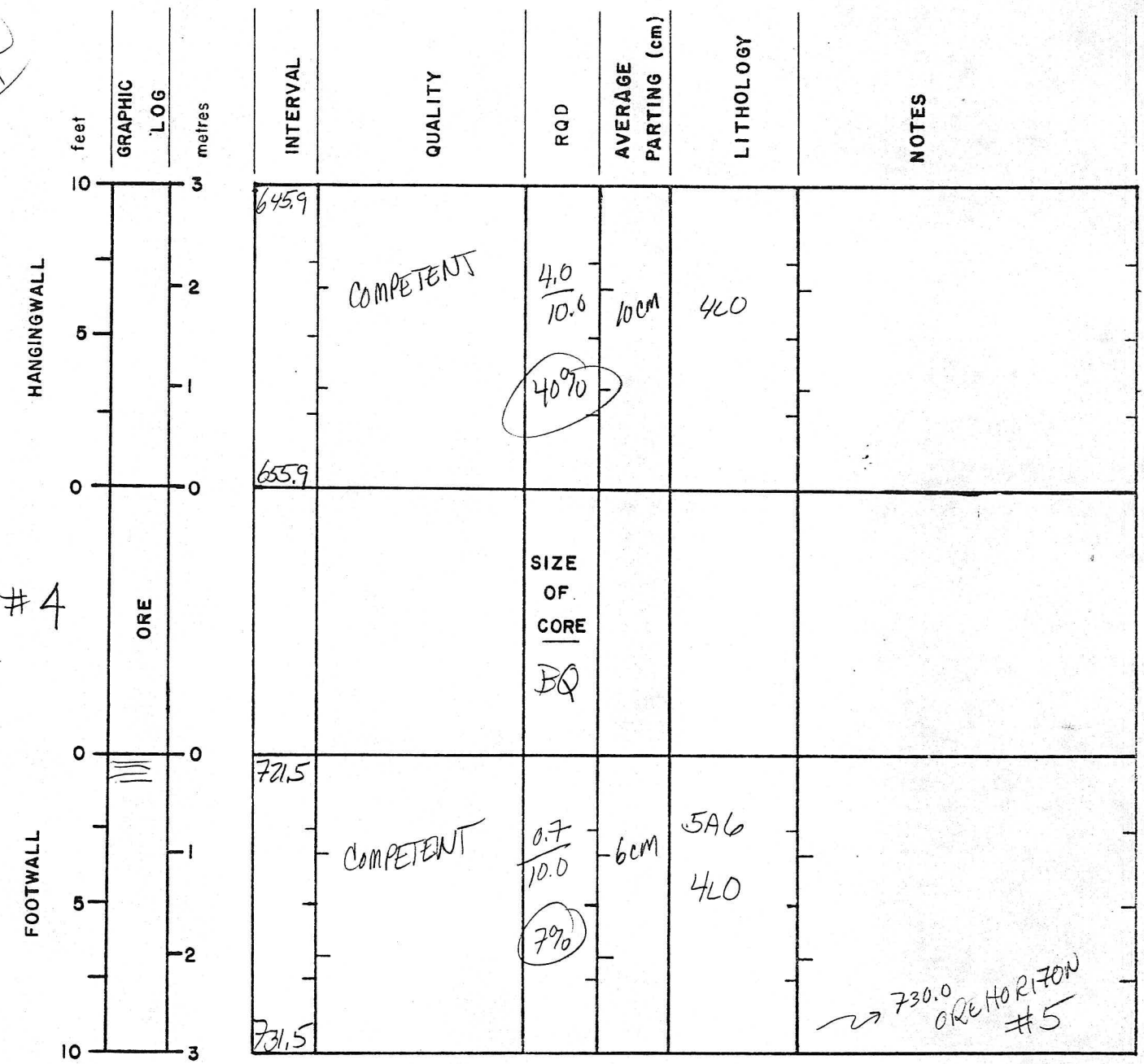


INTERVAL	QUALITY	RQD	AVERAGE PARTING (cm)	LITHOLOGY	NOTES
536.0	Rubble Incompetent	0	0	4LO? Broken rubble minor gouge	
536.0		SIZE OF CORE BQ			
634.6	COMPETENT Minor broken core	2.7 ~~10.0~~ 27%	6cm	4LO 3G2 4LO (3G4) (4L5)	
644.6					

DDH- F1A1GIA101618
#4 655.9-721.5

GEOTECHNICAL LOG

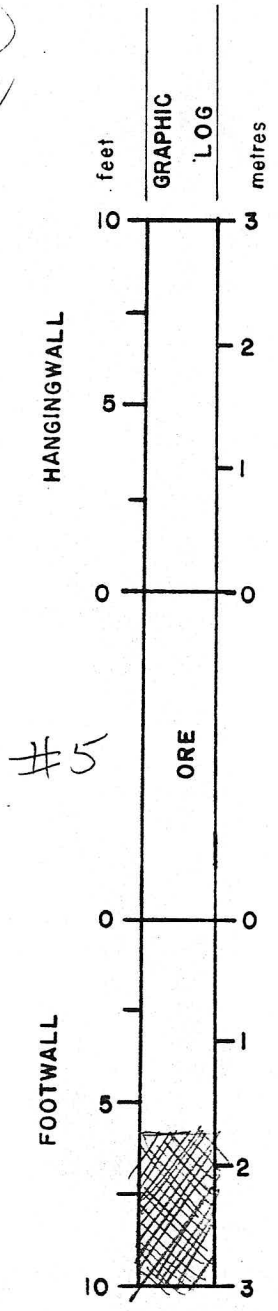
Feet



DDH- [illegible]
#5 730.0-739.7

GEOTECHNICAL LOG

Feet

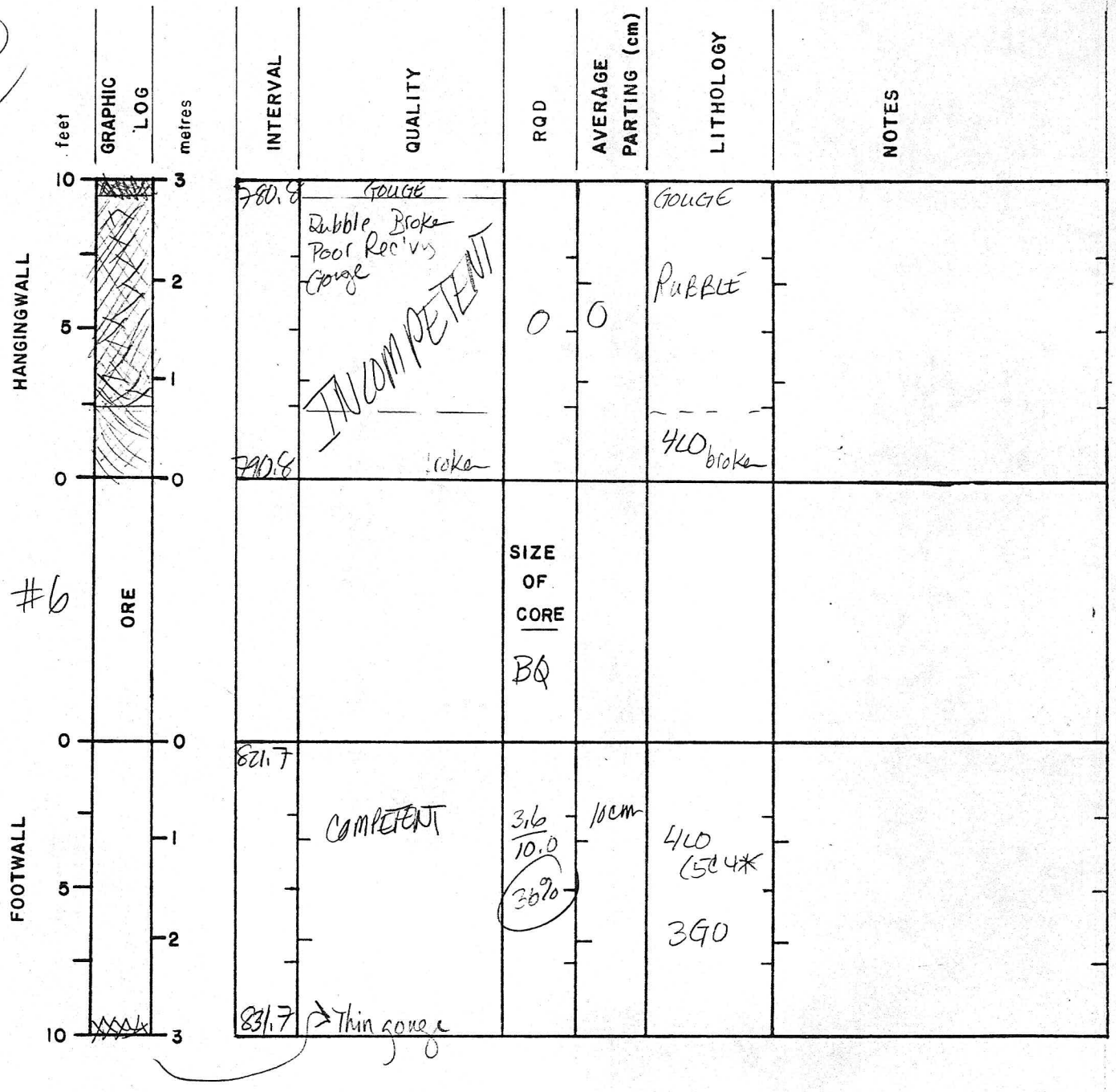


INTERVAL	QUALITY	RQD	AVERAGE PARTING (cm)	LITHOLOGY	NOTES
730.0	COMPETENT	79%	6cm	5A6 4LO	→ 721.5 ORE HORIZON #4
730.0		SIZE OF CORE BQ			
739.7	COMPETENT	2.4 / 7.3 = 90%	10cm	4LO	
747	Gouged Incompetent	0	0	4LO + 60% gouge	
749.7					

DDH- FIAGIA01618
#6 780.8-821.7

GEOTECHNICAL LOG

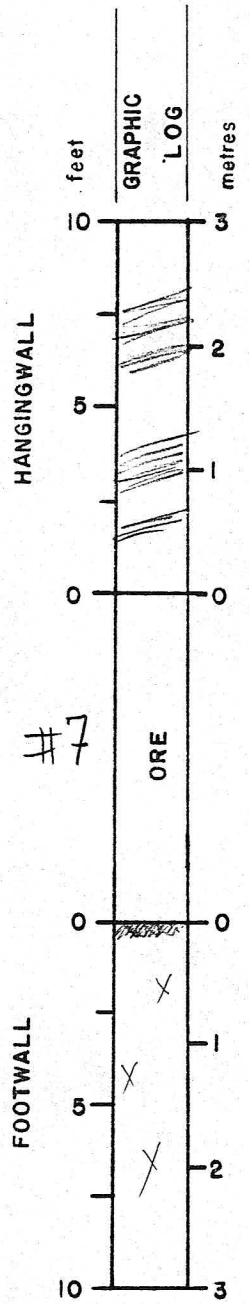
Feet



DDH- EIAIGIA1016 18
#7 976.4 - 999.9

GEOTECHNICAL LOG

(Feet)



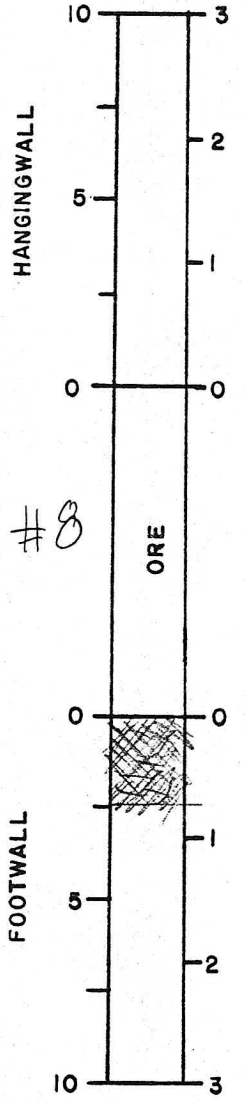
INTERVAL	QUALITY	RQD	AVERAGE PARTING (cm)	LITHOLOGY	NOTES
966.4	Moderately Competent	0.4 / 10.0	½ - 10 cm average ~ 5cm	39O	Not fractured rubbled or gouged but much poker chip core
		(49%)		4LO	
976.4					
		SIZE OF CORE BQ			
999.9	COMPETENT	23 / 10		4LO	
		(239%)		3GL	
	Mino broker core				
1009.9					

DDH- EIAIGIA0161&1

#8 1084.0 - 1101.5

GEOTECHNICAL LOG

Feet



INTERVAL	QUALITY	RQD	AVERAGE PARTING (cm)	LITHOLOGY	NOTES
1074.0	COMPETENT	2.6/10.0 = 26%	7cm	5A6, 4L6, 5A6	
1084.0		SIZE OF CORE: BQ			
1101.5	Rubble + minor gouge INCOMPETENT	0	0	4L6	Seems relatively competent This core was split by KA so RQD + AP. not measured - would be meaningless
	COMPETENT				
1111.5					

DIAMOND DRILL RECORD

LOGGED BY F. Chow

PROPERTY VANGORDA, GRUM JOINT VENTURE

D.D.H. No. 75-A68 PAGE 1 of 21

PA GRID

LATITUDE 6N HIW 35663.46N (10870.227m) BEARING OF HOLE _____ STARTED April 17, 1975 D.S.

DEPARTURE 75 + 89W. 24958.23E (7607.268m) DIP OF HOLE -90° @ Collar COMPLETED April 25, 1975 N.S.

4313.35' (1314.709m) Tropari @ 440' Dip=77° BRG =not taken Proposed: 1150'

ELEVATION 794.5 PA Topog DIP TESTS @ 780' Dip=83.5° BRG=not taken DEPTH Ultimate: 1277'

4271.4' ASL @ 1277' Dip=83° BRG=S60° 39.5'E adjusted

CLAIM No. CHUCK 5

N

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec. Ft.	Sample No.	Footage From	Footage To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Feet Pb	Assay x Feet Zn	Assay x Feet Ag
0	40+	OVERBURDEN	.02		0	40+									
		¼' granitic rock cored at 40'.													
40+	53	QUARTZ - SERICITE PHYLLITE Altered													
		60% quartz, 35-40% sericite, 2-3% light salmon colour carbonate (?), minor blebs of pyrite. Altered, light gray.	13/13		40+	53									
		Rock massive with 1/8" quartz bands. Carbonate (?) dissem. Rusty on fracture planes to 112'.													
		Core Angles: 75° to 50', 65° @ 52'.													
53	112	QUARTZ - SERICITE PHYLLITE													
		50-60% quartz, 40-50% sericite. Medium gray, thinly banded, often striped. F1 throughout but not well developed.	16.3/20		53	73									
			0.8/2			75									
		Rock moderately fissile, a few fractures, minor narrow shears and slips. Weakly competent.	15/15			90									
			4/10			100									
		Core Angles: 60° @ 53-102', 65-70° @ 103-108', 60° @ 109-112'	12/12			112									
112	119.6	QUARTZ - SERICITE PHYLLITE Bleached buff.													
		50% quartz. Thinly foliated, moderately fissile. F2 present, well developed. F1 locally not well developed.													
		Core Angle: 60° to 119'.													

DIAMOND DRILL RECORD

LOGGED BY F. Chow

PROPERTY

LATITUDE BEARING OF HOLE STARTED

DEPARTURE DIP OF HOLE COMPLETED

ELEVATION DIP TESTS DEPTH Proposed: Ultimate:

D.D.H. No. 75-A68 PAGE 2 of 21

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
119.6	128.5	QUARTZ - SERICITE PHYLLITE													
		Similar to 53-112' but highly fractured. Sheared locally. Leach holes.	8.6/ 8.9		119.6	128.5									
		Core Angles: 75° @ 120', 60° @ 121', 70° @ 124', 75° to 128'.													
128.5	204.0	QUARTZ - SERICITE PHYLLITE													
		65-70% quartz. Light to medium gray. Nearly uniform banding, more often striped. F1 well developed.	69/69.5 6/6		128.5	198.0 204.0									
		Moderate fracturing, tension cracks. Occasional slips and shears. Rock generally firm and moderately competent.													
		Core Angles: 65° @ 130', 50° @ 133'-136', 70° to 144', 60° to 147', 75° to 156', 60° to 158', 75° to 164', 70° to 204'. Slips @ 145'-150' parallel core angle, @ 173.5', 177.5', 184.4', 189.5', 194', all near parallel C.A.													
204.0	267.0	QUARTZ - SERICITE PHYLLITE													
		Similar to 128.5'-204' except rock undergone much stress, shearing along foliation sometimes gougy phyllite ¼-½" wide. A few short altered sections with minor development of chlorite. Non-competent rock.	40/42 3/5.5 15/15.5		204.0	246.0 251.5 267.0									
		Core Angle: 70-65°.													

DIAMOND DRILL RECORD

LOGGED BY F. Chow

PROPERTY

LATITUDE BEARING OF HOLE STARTED

DEPARTURE DIP OF HOLE COMPLETED

ELEVATION DIP TESTS DEPTH Proposed: Ultimate:

D.D.H. No. 75-A68 PAGE 3 of 21

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
267.0	303.0	QUARTZ - SERICITE PHYLLITE													
		45% quartz. Dark gray, thinly foliated or banded. Fissile.	11/11		267.0	278.0									
		Rock slightly deformed through stress -- small slips and shears.	2.7/4			282.0									
		Local Fl developed. Rock weak.	19/21			303.0									
		Core Angles: 65° to 271', 80° @ 273', 70-65° @ 274-299', 40° @ 301', 50° @ 303'.													
303.0	350.7	QUARTZ - SERICITE PHYLLITE													
		45-50% quartz. Medium gray, thinly foliated, also banded.	5.8/7		303.0	310.0									
		Moderately fissile and parts readily. Numerous quartz veins or	17/17			327.0									
		lenses varying from ¼"-2' in width.	5.7/8			335.0									
			15.2/15.7			350.7									
		331'-350.7' -- Moderate fracturing and local shearing. Gouge at 334.5-335'. Generally, rock not competent.													
		311' -- ½" band of dissem. lead-zinc.													
		336'-346' -- Odd bleb of pyrrhotite (magnetic)													
		Core Angles: 75° @ 304'-306', 70-75° to 342' to 350'.													
350.7	392.0	QUARTZ - SERICITE PHYLLITE													
		Similar to 128.5-204.0'.	35/35.8		350.7	386.5									
			5.5/5.5			392.0									
		Core Angle: 75-80°.													

DIAMOND DRILL RECORD

LOGGED BY F. Chow

PROPERTY

LATITUDE BEARING OF HOLE STARTED

DEPARTURE DIP OF HOLE COMPLETED

ELEVATION DIP TESTS DEPTH Proposed: Ultimate:

D.D.H. No. 75-A68 PAGE 4 of 21

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
392.0	421.5	QUARTZ - SERICITE - GRAPHITE PHYLLITE													
		55% quartz, 40-45% sericite, 0-2% graphite. More graphitic toward end. Medium gray otherwise similar rock to 350.7-392'.	29.5/ 29.5		392.0	421.5									
		Rock slightly less competent than sections above, but not competent from 408.5' to end of section. Highly sheared @ 420'-421'.													
		418.8'-419.3' -- minor pyrite, lead-zinc													
		Core Angles: 70° to 407', 65-70 to 421°.													
421.5	425.7	MASSIVE SULPHIDES													
		Find-grained sulphides = 65-70% pyrite, 15% lead-zinc, remnant of quartz-sericite-graphite ribbons @ 424.5'-425.7'. Upper lower contact @ 60° parallel core angle.	4.2	1185	421.5	425.7	4.2	7.71	12.62	3.09			32.382	53.004	12.978
		Core Angle: 60-65°.													
425.7	437.0	QUARTZ - SULPHIDES - SERICITE - GRAPHITE PHYLLITE													
		70% quartz, varying sulphides from 7-40%, 2-10% sericite, 0-1% graphite.	2.3	1186	425.7 428.0	428.0 431.5	2.3 (3.5)	2.38 (1.13)	4.08 (2.64)	0.83 (0.44)			5.474 3.955	9.384 9.240	1.909 1.540
		Siliceous and hard but highly fractured, numerous leach holes. Rock weakly competent to moderate.	5.4	1187	431.5	433.7 433.7	5.7 (2.2)	1.13	2.64	0.44			2.486	5.808	0.968
		425.7'-428.0' -- 25% pyrite, 10% lead-zinc "ribbon quartz-sericite-graphite.	3.1	1188		437.0	3.3	2.93	5.64	1.18			9.669	18.612	3.894
		-433.7' -- 7% pyrite, 4% lead-zinc -437.0' -- 12% pyrite, 12% lead-zinc, quartz-sericite- graphite brecciated.													
		Core Angle: 60° @ 426'.	Wt. Average		421.5 431.5	431.5 437.0	10.0 5.5	4.18 2.21	7.16 4.44	1.64 0.88	5.329 gm/mt (20.819 oz/mt)		41.811 12.155	71.628 24.420	16.427 4.842

DIAMOND DRILL RECORD

LOGGED BY F. Chow

PROPERTY

LATITUDE BEARING OF HOLE STARTED

DEPARTURE DIP OF HOLE COMPLETED

ELEVATION DIP TESTS DEPTH Proposed: Ultimate:

D.D.H. No. 75-A68 PAGE 5 of 21

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
437.0	483.3	QUARTZ - SERICITE ± GRAPHITE PHYLLITE WITH SULPHIDES Bleached													
		70% quartz, 15-20% sericite, 0-2% graphite, 4-8% pyrite and 2-6% lead-zinc to 472.4'; 20% pyrite, 10% lead-zinc to 483.0'.	5.2	1189	437.0	446.0	9.0	1.60	2.88	.59					
		Grayish-white quartose-feldspar with silvery sericite, also light gray sericite. Threads and bands of sulphides. F2 mineralization. Abundant fuschite @ 443.5'-443.7' and @ 471.2'-471.9'. F1 poorly developed and also moderately well developed.	4.3	1190		450.8	4.8	3.98	3.12	1.03			19.104	14.976	4.944
			5.5	1191		456.6	5.8	3.60	2.40	.83			20.88	13.92	4.814
		Rock moderately competent. Siliceous and hard, many fractures and worm holes. Tend to part along foliation planes.	8.7	1192		465.4	8.8	1.68	2.46	.65					
			7.0	1193		472.4	7.0	.98	1.64	.44					
		Core Angles: 60° to 447', 55° to 461', 60° to 472', (40° @ 464') 50-65° @ 473'-483'.	2.6	1194		475.0	2.6	3.15	4.92	1.32			8.19	12.792	3.432
			8.3	1195		483.3	8.3	4.20	8.20	1.76			34.86	68.06	14.608
					446.0	456.6	10.6	3.77	2.72	.92			39.984	28.896	9.758
			Wt. Average		472.4	483.3	10.9	3.94	7.42	1.45			43.065	80.852	18.040
483.3	510.0	QUARTZ - SERICITE PHYLLITE Altered with bleached sections													
		40-45% quartz. Light to medium gray except buff colour at 483.3'-485.3', 496.5'-500', and at 508'-510'. 3% lead-zinc with pyrite at 485.3'-485.8'. Minor pyrite association with quartz as fracture filling.	1.6/1.7		483.3	485.0									
			7.6/10			495.0									
		Thinly foliated but massive. Many fractures, slips and tension cracks. Rocks moderately competent.	9.1/10			505.0									
			9/10			510.0									
		Core Angles: 65° @ 485', 75° @ 489'-497', 55° @ 498-502', 40° @ 503'-504', 75° @ 505'-509'.													

DIAMOND DRILL RECORD

LOGGED BY F. Chow

PROPERTY

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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
510.0	515.0	FAULT													
		Gray-dark gray gouge.	0.3/5		510.0	515.0									
515.0	520.0	QUARTZ - SULPHIDES - SERICITE													
		70% quartz-feldspar, 15-20% pyrite, 4.5% lead-zinc, 2-5% sericite Siliceous and hard, fractured and leached. Rock weakly competent. Breccia @ 519.2'-520'.	3.6	1196	515.0	520.0	5.0	1.78	3.12	.77					
		Core Angle: 70-75°.													
520.0	521 (?)	FAULT													
		Light gray gouge.	0.4/1		520	521									
521	525	QUARTZ - SERICITE PHYLLITE													
		45-50% quartz. One ½" band of lead-zinc-pyrite,. Light to medium gray, thinly foliated.	2.6/4		521	525									
		Intensely sheared, ½" faults with fragments and gouge @ 524'.													
		Core Angle: 50-70°.													
525	634.6	QUARTZ - SERICITE - SULPHIDES + GRAPHITE													
		55-65% quartz-feldspar, 15-20% (?) sericite, 0-1% graphite, 5-20% pyrite. Variable lead-zinc. Grayish-white to grayish matrix.	1.6	1197	525.0	529.0	4.0	1.58	2.88	.74					

DIAMOND DRILL RECORD

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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
		525' -536.2' -- intensely sheared and fractured; parts gougey	7.5	1198		538.0	9.0	1.80	1.80	.83			16.2	16.2	7.47
		538.6'-558' -- moderately sheared sections	5.8	1199		544.0	6.0	1.30	1.20	.56			7.8	7.2	3.36
		558' -634.6' -- siliceous and hard, leach holes are many, rock moderately competent.			529.0	544.0	15.0'	3.16	Pb-Zn						
		F1 well developed to 602'. Both F1 and F2 mineralization from 525'-558'. Mainly F2 mineralization from 558'-634'.	10	1200	544.0	554.0	10.0	1.55	3.06	.77			15.5	30.6	7.7
		525'-529.3' -- quartz-sericite-sulphides, 20% pyrite, 3.5% lead-zinc.	4	1301		558.0	4.0	1.35	2.58	.47			5.4	10.32	1.88
					544.0	558.0	14.0'	1.49	2.92	.68			20.9	40.92	9.52
		-544.0' -- quartz-sericite-sulphides, 10% pyrite, 2% lead-zinc.	11	1302		569.0	11.0	2.45	4.56	1.18			26.95	50.16	12.98
		-558.0' -- quartz-sericite-sulphides, 4.5% pyrite, 3.5% lead-zinc.													
		-569.0' -- quartz-sericite-sulphides ± graphite, 15% pyrite, 9% lead-zinc.	9.4	1303		578.4	9.4	2.45	4.56	1.18			23.03	42.864	11.092
		-578.4' -- quartz-sericite-sulphides, 8% pyrite, 7.5% lead-zinc.			558.0	578.4	20.4'	2.45	4.56	1.18			49.98	93.024	24.072
		-588.8' -- quartz-sericite-sulphides, 5% pyrite, 4.5% lead zinc.	10.4	1304		588.8	10.4	1.93	3.78	.85			20.072	39.312	8.84
		-595.7' -- quartz-sericite-sulphides, 6% pyrite, 4% lead-zinc.													
		-602.6' -- quartz-sericite-sulphides ± graphite, 8% pyrite, 5% lead-zinc.	6.9	1305		595.7	6.9	1.33	3.78	.65			9.177	26.062	4.485
		-614.7' -- quartz-sericite-sulphides ± graphite, 6-25% pyrite (Av.8), 7.5% lead-zinc.													
		-619.1' -- quartz-sericite-sulphides±graphite, 20% pyrite, 2.5% lead-zinc.	6.9	1306		602.6	6.9	1.70	2.88	1.03			11.73	19.872	7.107
		-624.0' -- quartz-sericite-sulphides, sericitic, Av 12% pyrite 6% lead-zinc.			578.4	602.6	24.2'	1.69	3.52	.84			40.879	85.266	20.32
		-632.8' -- quartz-sericite-sulphides±graphite, 25% pyrite, 17% lead-zinc.	5.4	1307		608.0	5.4	2.13	4.92	1.29			11.502		
		-634.6' -- quartz-sericite-sulphides±graphite, 25% pyrite, 2% lead-zinc.													

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			6.6	1308		614.7	6.7	4.28	5.22	1.82			28.676	34.974	12.194
		Core Angle: 70-75° throughout.	4.3	1309		619.1	4.4	3.38	1.76	.94					
			4.9	1310		624.0	4.9	3.30	4.80	1.18			16.17	23.52	5.782
			8.8	1311		632.8	8.8	5.45	9.85	2.38			47.96	86.68	20.944
			1.8	1312		634.6	1.8	1.10	3.00	.59					
					602.6	614.7	12.1'	3.32	5.08	1.58			40.178	61.542	19.160
					619.1	632.8	13.7'	4.68	8.04	1.95			64.13	110.20	26.726
634.6	655.9	QUARTZ - SERICITE PHYLLITE Altered, 30% bleached buff.													
		50-55% quartz-feldspar, thinly banded, gray buff. F1 moderately well developed. ½" pyrite, lead-zinc @ 637.4' and 0.6'@ 639.3' -639.9'.	21/21	3	634.6	655.9									
		Minor shearing and fracturing @ 641'-646', otherwise rock is moderately competent.													
		Core Angles: 60° @ 635'-648', 65-75° to 655'.													
655.9	721.5	QUARTZ - SULPHIDES - SERICITE ± GRAPHITE PHYLLITE													
		60-70% quartz-feldspar, 10-35% pyrite, 2-12% lead-zinc, 2-30% sericite, 0-2% graphite. Local F1, poor to 680'. F2 mineralization	5.7	1313	655.9	661.6	5.7	4.50	4.26	1.62					
		to 680'. F1 moderately developed from 680'-722'. F1 and F2 mineralization from 680'-721.4'.	6.0	1314		667.7	6.1	.53	1.18	.29					
		Minor cracks. Rock siliceous and hard, competent to 682'. Sheared and soft phyllites @ 682'-685' and at 688'-689.5', Com-	5.6	1315		673.3	5.6	8.00	7.80	3.21			44.8	43.68	17.976
		petent from 690.2'-721.0'.													

DIAMOND DRILL RECORD

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		655.9'-661.6' -- rich lead-zinc pyrite bands in buff sericite ± graphite, 12% pyrite, 9% lead-zinc.	5.3	1316		678.6	5.3	8.15	15.38	3.53			43195	81.514	18.709
		-667.7' -- quartz-sulphides-sericite±graphite, 25% pyrite, 2% lead-zinc.	Wt. Average		661.7	678.6	16.9	8.07	11.49	3.37			87.995	125.194	36.655
		-678.6' -- quartz-sulphides-sericite±graphite, 35% pyrite 12% lead-zinc.	3.7	1317		682.3	3.7	3.30	5.22	1.88			12.21	19.314	6.956
		-682.3' -- quartz-sulphides-sericite ±graphite, 30% pyrite 7% lead-zinc.													
		-685.0' -- quartz-sericite-sulphides±graphite, 0-5% pyrite (Av 2) spot of lead-zinc ● sericitic and fissile	2.5	1318		685.0	2.7	.62	.50	.21			1.674	1.38	0.567
		-688.0 -- quartz-sericite-sulphides±graphite, sericitic but firm - Av 10% pyrite, 6% lead-zinc	3.0	1319		688.0	3.0	4.65	4.32	1.62			13.95	12.96	4.86
		-690.2 -- quartz-sericite, very sericitic, sheared and soft. No sulphides.	Wt. Average		678.6	688.0	9.4	2.96	3.58	1.32			27.834	33624	12.383
		-706.3'-- quartz-sulphides-sericitic-graphite 25% pyrite 4.5% lead-zinc.	2.2/2.2			690.2									
		706.3'-721.5'-- quartz-sulphides-sericite-graphite, rich pyrite, lead-zinc bands.	5.8	1320		696.0	5.8	2.00	1.84	.88			11.6	10.672	5.104
		increasing graphite towards 721.5'. This section shows many slips and fractures. Also	5.3	1321		701.3	5.3	1.73	2.522	1.09			9.169	13.356	5.777
		sulphide and phyllite breccia. Entirely cemented into hard competent rock.	4.8	1322		706.3	5.0	1.18	3.18	.74			5.9	15.9	3.7
		706.3'-719.4'-- Av 30% pyrite, 17% lead-zinc	7.1	1323		713.4	7.1	7.63	9.81	3.00			54.173	69.651	21.3
		-720.4'-- quartz-sericite-graphite barren	6.0	1324		719.4	6.0	10.23	19.10	4.12			61.38	114.6	24.72
		-721.5'-- quartz-sulphides±sericite-graphite band, 33% lead-zinc, 25% pyrite	Wt. Average		690.2	706.3	16.1	1.66	2.48	0.91			26.669	39.928	14.581
		Core Angles: 65-70° @ 656'-699', 50° @ 700-704', 75° @ 706', 70° @ 717', 80° @ 721'. Lower contact @ 60°.	2.1	1325		721.5	2.1	10.06	12.46	3.53			21.126	26.165	7.413
			Wt. Average		706.3	721.5	15.2	8.99	13.84	3.52			136.779	210.411	53.433

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PROPERTY

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721.5	729.9	QUARTZ - SERICITE PHYLLITE and SERICITE-GRAPHITE PHYLLITE Bleached													
		721.5'-722.7' -- sericite + graphite, minor pyrite, Sheared along foliation.	6.4/8.4		721.5	729.9									
		-729.9' -- Bleached sericite, sericitic, 35-40% quartz, 1% pyrite, negligible lead-zinc, Moderately fractured, Weakly competent rock.													
		Core Angles: 65° @ 722', 70° @ 724', 50° @ 728'.													
729.9	739.4	QUARTZ - SULPHIDES - SERICITE - GRAPHITE													
		60% quartz, 15-20% pyrite, 11% lead-zinc, 3-4% sericitte, 1% graphite, spots of chalcopyrite.	9.5	1326	729.9	739.4	9.5	5.30	6.84	2.21					
		Siliceous and hard. Quartz-feldspar breccia from 729.9'-733.9', in quartz-sulphide matrix. Banded sulphides from 733.9'-739.4'.													
		Core Angles: 85° @ 731', 50° @ 734', 75° @ 736'-738', 55° @ 739													
739.4	790.8	QUARTZ - SERICITE ± GRAPHITE PHYLLITE WITH MINOR MINERALIZATION													
		Sheared and faulted. 45-55% quartz-feldspar, 40-45% sericite, <0.5% graphite, 2-4% pyrite, minor lead-zinc locally. Bleached buff, also buff-gray.	13.5/14.6		739.4	754.0									
		750.7'-751.9' -- sulphide breccia, 30% pyrite, 1-2% lead-zinc.	21.7/22			776.0									

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		756.2'-767.6' -- 4% pyrite, 0.3% lead-zinc 788' -790.8' -- 2% pyrite, 2.4% lead-zinc, siliceous and hard rock.	1.7/5		776.0	781.0									
		745.5'-750.7' -- intensely sheared. Fault gouge at 746.5', 748.6' and at 750'-750.7' (20° contact)	1/4			785.0									
		767.6'-770' -- as above	1/3			788.0									
		776' -788.7' -- sheared. Main fault at 776'-781', Rocks not competent, rather weak from 745.5'-788.7'.	2.6	1327	788.0	790.8	2.8	.40	1.00	.12			1.12	2.8	.336
		Core Angles: 70° @ 741', 65° @ 745', 70 °@ 752', 75-80° @ 761'-765', 70° @ 767'-785', 60° @ 788'-790'.													
790.8	800.0	MASSIVE SULPHIDES													
		70-80% pyrite, 10-15% quartz, local barite 10%, scattered low and rich bands of lead-zinc -- Av. 5% (?) Light brown	4.2	1328	790.8	795.2	4.4	4.73	6.00	2.21			20.812	26.4	9.724
		sphalerite common. Minor fracturing, leached bands of pyritic sulphides. Rock	5.2	1329		800.5	5.3	5.10	8.30	2.06			27.03	43.99	10.918
		firm.	Wt. Average		790.8	800.5	9.7	4.93	7.26	2.13	73.03 oz/ton		47.842	70.39	20.642
		Core Angle: 60-65°.													
800.0	823.7	QUARTZ - SULPHIDES - GRAPHITE - SERICITE PHYLLITE													
		70% quartz-feldspar, 15-35% pyrite (Av. 20%) Variable lead-zinc content. Barite in sulphide rich bands. Mainly F2 mineralization.	2.5	1330	800.5	803.0	2.5	.30	.34	.18			1.875	2.125	1.125
		Striped banding. Quartzy and hard. F1 moderately developed, F1 nose @ 806.6'.	5.0	1331		808.6	5.6	3.23	3.72	1.00			18.088	20.832	5.6

DIAMOND DRILL RECORD

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PROPERTY

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		800.5'-803.0' -- 15% pyrite, 0.5% lead-zinc	3.0	1332		811.6	3.0	.23	.35	.15			0.69	1.05	0.45
		-808.6' -- 15% pyrite, 3.5% lead-zinc -811.6' -- 15% pyrite, 0.5% lead-zinc	7.0	1333		818.6	7.0	5.63	10.47	2.21			39.41	73.29	15.47
		811.6'-813' -- striped banding, 15% pyrite, 8% lead-zinc -818.6' -- massive quarts-sulphides-barite ± graphite,	3.2	1334	818.6	821.8	3.2	1.14	1.33	.44			3.648	4.256	1.408
		35% pyrite, 9% lead-zinc -821.5' -- striped, 15% pyrite, 0.3% lead-zinc	1.9/1.9			823.7									
		-823.7' -- buff sericite with minor chlorite and minor lead-zinc.		Wt. Av.	790.8	818.6	27.8	3.88	6.03	1.56	(53.4)		107.905	167.687	43.287
				Wt. Av.	808.6	818.6	10.0'	4.01	7.43	1.59	(54.6)		40.10	74.34	15.92
		Core Angles: 70° @ 800.5'-806', 75° @ 807'-815', 70-75° @ 816'-821', slip contact at 40° @ 423.7'.													
823.7	885.4	QUARTZ - SERICITE PHYLLITE Altered													
		50-55% quartz. Medium gray thinly banded and thinly foliated. Altered looking.	4.3/4.3		823.7	828.0									
			48.5/49			877.0									
		823.7'-840' -- moderately competent rock, except for narrow shears @ 830.5', 831.7'-832.2'.	5.1/7			884.0									
		840' -856' -- not competent rock, slips, fractures and shears Shears at 842.3' (40°)-844' (50°), 844.6', 848.4'-849', 853.5'-854' (35°) with gouge.	1.4/1.4			885.4									
		856' -864.3' -- bleached gray-buff, many quartz-veins, 2% pyrite													
		864.3'-885.4' -- weak rocks, faults, many shears, also fractures. Main fault and sheared rocks occur @ 881'-885.4'													
		Core Angles: 75° to 827', 65-70° @ 828'-885'.													

DIAMOND DRILL RECORD

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PROPERTY

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885.4	906.0	QUARTZ - SULPHIDE - GRAPHITE - SERICITE PHYLLITE													
		55-70% quartz, 25% pyrite, 3-15% (Av. 10) graphite, 5% sericite, negligible lead-zinc-copper.	20.6/ 20.6		885.4	906.0		Est. 0.2 lead-zinc							
		885.4'-892' -- striped quartzose-feldspar bands. F1 moderately developed.													
		-897' -- quartz-sulphides-graphite + sericite breccia recemented by similar composition material.													
		897' -906' -- banded. F1 predominant, highly sheared and fractured.													
		Rocks not competent from 892'-906'.													
		Core Angles: 70° to 891', 60° @ 891.5'-897', 70° to 899', 60-65° to 905'.													
906.0	926.1	QUARTZ - SERICITE PHYLLITE WITH SULPHIDES Bleached buff													
		40-60% quartz, 2-8% (Av. 5%) pyrite, negligible lead-zinc. Bleached buff, banded. Moderate amount of fuschite at 925'-925.5'	20/20		906.0	926.0		Est. 0.1 lead-zinc							
		Many shears, larger ones at 919', 922.5' and at 925.5'. Rocks part readily along foliation.													
		Core Angle: 65-70°.													
926.1	935.7	QUARTZ - GRAPHITE PHYLLITE WITH SULPHIDES													
		55-60% quartz, 30-35% graphite, 3% pyrite, negligible lead-zinc copper except at 927'-928'. 0.5' of 25% lead-zinc plus 0.6' of	.9/.9		926.1	927.0									
		massive pyrite with 2% lead-zinc. Medium gray quartzose banding with black graphitic bands.	1/1			928.0		Est. 13% lead-zinc							
		Thinly banded. F1 moderately developed. Shearing along foliation plane.	6.5/ 7.7			935.7									

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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
		Core Angles: 50° to 928', 70 to 934'-938'.													
935.7	938.8	QUARTZ - SERICITE PHYLLITE Bleached													
		56% quartz. Hard but fractured. Minor pyrite.	1.7/ 3.1		935.7	938.8									
938.8	970.9	QUARTZ - SERICITE PHYLLITE Altered	31/ 32.1		938.8	970.9									
		45-50% quartz. Light to medium gray, altered looking, parts fissile. Thinly foliated.													
		Intensely sheared @ 939'-942' with gougey parts @ 947'-947.5'. Fractured and fissile from 948.5'-954.9'. Fault with gouge at 954.9'-955.5'. Rock very weak.													
		Core Angle: 70°.													
970.9	1005.5	QUARTZ - SERICITE PHYLLITE WITH SULPHIDES Bleached													
		50-55% quartz (also variable) intermittent and variable content of sulphides and magnetite. Phyllite totally bleached to buff colour.	5.4/ 5.7		970.9	976.6									
		Generally low sulphides. Phyllites are soft, somewhat talcy and parts easily on foliation planes. Magnetite is common within higher sulphide bands.	4.1	1355		981.0	4.4	.15	,40	.15					
		Slips and shearing common. Fractures and cracks abundant in higher sulphide bands.	7.6	1336		989.0	8.0	2.40	2.70	.73					
		Entire section non-competent rocks.	4,4	1337		992.8	4.8	Nil	----------						

DIAMOND DRILL RECORD

LOGGED BY F. Chow

PROPERTY

LATITUDE BEARING OF HOLE STARTED

DEPARTURE DIP OF HOLE COMPLETED

ELEVATION DIP TESTS DEPTH Proposed: Ultimate:

D.D.H. No. 75-A68 PAGE 15 of 21

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
		970.9'-976.6' -- 3% pyrite, 0.2% lead-zinc, sericite	6.2	1338		999.9	7.1	2.63	2.40	.65					
		-977.5' -- 45% pyrrhotite, 5% pyrite, 2% lead-zinc, massive, 0.1 copper.													
		-981.0' -- as 970.9'-976.6'.	5.5/			1005.5									
		-984.2' -- 30% pyrite, 2% lead-zinc, 0.05% copper.	5.6												
		-989.0' -- Av. 40% pyrite, 6% lead-zinc, 0.1% copper, 0.4% magnetite, massive													
		-994.3' -- as 970.9'-976.6', 1.5% pyrite, 0.1% lead-zinc													
		-999.9' -- as 984.2'-989', 35% pyrite, 9% lead-zinc, 1% magnetite, 0.2% copper with chloritic clots.													
		-1005.5' - as 970.9'-976.6', 0.3% pyrite, negligible lead-zinc													
	996'	-999.9' -- low angle (20°) shearing													
		Core Angles: 70° to 976' , 75°@ 977'-980', 65-60° @ 981'-989', 70° @ 989'-992', 60° @ 992', 45° @ 994', 65° @ 995'													
		-998'. Shear with gouge @ 991.5'-992', 998.7'-999.1' @ 20° to core.													
1005.5	1026.0	QUARTZ - SERICITE PHYLLITE and QUARTZ - GRAPHITE PHYLLITE Intermediate zone													
		40% quartz. Light gray to medium gray to dark gray, differing													
		with variable amounts of sericite and graphite. Thin banding	16/		1005.5	1022.0									
		slightly fissile. Scattered pyrite in bands and in fracture	16.5												
		filling, scattered blebs pyrrhotite; 2% pyrite, negligible	3.2/			1026.0									
		pyrrhotite.	4.0												
		1019.6'-1021.3' -- minor lead-zinc, magnetite and pyrrhotite mineralization.													
		Shears at 1017.8' (parallel foliation) and at 1025'-1026'. Rocks not competent.													

DIAMOND DRILL RECORD

LOGGED BY F. Chow

PROPERTY

LATITUDE BEARING OF HOLE STARTED

DEPARTURE DIP OF HOLE COMPLETED

ELEVATION DIP TESTS DEPTH Proposed: Ultimate:

D.D.H. No. 75-A68 PAGE 16 of 21

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
		Core Angle: 65-70°.													
1026.0	1042.5	QUARTZ - GRAPHITE PHYLLITE WITH SULPHIDES													
		40% quartz, well foliated, thinly banded, often wider bands, 3-5% pyrite dissem in quartzose bands, minor blebs pyrrhotite (slightly magnetic) minor local lead-zinc. Local F1 folds. Rock tends to part easily along foliation within more graphitic sections.	16.5/16.5		1026.0	1042.5									
		Core Angles: 75° @ 1026'-1031', 70° to 1042'. Shear at 1029.7'-1030'. Parallel foliation.													
1042.5	1051.6	QUARTZ - SERICITE - GRAPHITE PHYLLITE WITH SULPHIDES													
		Similar to 1005.5'-1026', minor pyrite, lead-zinc. Local F1. Shear at 1047.5' (30°) fractured from 1045'-1048'. 1050.8'-1051.6' -- altered and 80% bleached buff.	9/9.1		1042.5	1051.6									
		Core Angles: 70° to 1048', 75-80° @ 1048'-1052'.													
1051.6	1069.4	QUARTZ - GRAPHITE PHYLLITE WITH SULPHIDES													
		60-65% quartz, 20% graphite, 5-8% sulphides - pyrite, lead-zinc, pyrrhotite.	9/9.2		1051.6	1060.8									
		Banded quartz-feldspar bands with thinly foliated graphite. F1 local. Rock hard but parts readily.	5.2	1339		1066.0	5.2	1.21	2.70	.59					

DIAMOND DRILL RECORD

LOGGED BY F. Chow

PROPERTY

LATITUDE BEARING OF HOLE STARTED

DEPARTURE DIP OF HOLE COMPLETED

ELEVATION DIP TESTS DEPTH Proposed: Ultimate:

D.D.H. No. 75-A68 PAGE 17 of 21

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
		1051.6'-1060.8' -- odd lead-zinc mineralization	3.2/ 3.4			1069.4									
		-1066.0' -- 3-4% lead-zinc													
		-1069.4' -- negligible lead-zinc													
		Core Angles: 75° @ 1052'-1057', 40° shearing @ 1057'-1059', 75° @ 1060'-1067', 40-25° shearing at 1068'-1069'.													
1069.4	1084.0	QUARTZ - SERICITE PHYLLITE and QUARTZ GRAPHITE PHYLLITE													
		50-55% quatz, interbanded sections of sericite and graphite phyllite. Sericite phyllite totally bleached. Mainly thinly banded. F1 in graphite phyllite only and locally developed. Negligible pyrite, lead-zinc except at 1077'-1077.4'. 25% pyrite, .5% magnetite, 6% lead-zinc. Rocks moderately competent Bleached sericite phyllite at 1069.4'-1077.5', 1079.8'-1082.4'.	14.6/ 14.6		1069.4	1084.0									
		Core Angles: 75° to 1077', 70°at 1078'-1084'.													
1084.0	1101.2	QUARTZ - SULPHIDES - BARITE													
		Massive quartz-barite with banded and dissem. sulphides and massive sulphides.	6.6	1340	1084.0	1091.0	7.0	5.60	7.75	2.44			39.20	54.25	17.08
		1084'-1097.7' -- quartz-barite = 40% quartz, 20% barite, 25% pyrite, 15% (?) lead-zinc	6.2	1341		1097.7	6.7	4.50	6.32	2.00			30.15	42.34	13.40
		-- light brown and honey coloured sphalerite													
		-- flakey galena													

DIAMOND DRILL RECORD

LOGGED BY F. Chow

PROPERTY

LATITUDE BEARING OF HOLE STARTED

DEPARTURE DIP OF HOLE COMPLETED

ELEVATION DIP TESTS DEPTH Proposed: Ultimate:

D.D.H. No. 75-A-68 PAGE 18 of 21

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
			3.5	1342	1097.7	1101.2	3.5	2.24	2.70	.88					
		1097.7'-1101.2' -- quartz-sulphides, 20% quartz, 75% pyrite, 3% magnetite, 2% lead-zinc.			1084.0	1097.7	13.7	5.01	7.05	2.22			69.35	96.59	30.48
		Core Angles: upper contact 55°, 70° @ 1085'-1090', 60° @ 1090'-1092', 40° @ 1093', 60° @ 1096'-1098', 40° @ 1100', lower contact @ 50°.													
1101.2	1190.2	QUARTZ - SERICITE WITH SULPHIDES Bleached													
		Totally bleached to buff colour. 45-55% quartz, Av. 10% pyrite, minor scattered blebs (minor) pyrrohtite, negligible chalchopyrite	4.8	1343	1101.2	1106.0	4.8	.14	.19	.06			1.58		
		Competent rocks.	10	1344		1116.0	10.0	.25	.33	.12			5.8 Pb-Zn		
		Note: Similar to hanging wall bleached zone of Swim "A" ore zone, except low pyrrhotite and low chalcopyrite.	30/30			1146.0									
			8.2/9			1155.0									
		1101.2'-1104' -- shear at 30-45 to core, recemented breccia along one side of core.	35/35.2			1190.2									
		1131.5'-1133' -- shear and cemented breccia 1149' -1153.7' -- 15% bands chlorite, also minor fuschite in foliation.													
					1101.2	1116.0	14.8	0.5	Pb-Zn				7.38	Pb-Zn	
		Core Angle: 60-75° undulating.													
1190.2	1202.4	QUARTZ - GRAPHITE - SERICITE PHYLLITE WITH SULPHIDES													
		65% quartz, 20% graphite, 15% sericite, 5% sulphides. Sulphides mainly pyrite, scattered chalcopyrite filled tension gashes	12/12.2		1190.2	1202.4									

DIAMOND DRILL RECORD

LOGGED BY F. Chow

PROPERTY

LATITUDE BEARING OF HOLE STARTED

DEPARTURE DIP OF HOLE COMPLETED

ELEVATION DIP TESTS DEPTH Proposed: Ultimate:

D.D.H. No. 75-A68 PAGE 19 of 21

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
		also scattered blebs pyrrhotite, negligible lead-zinc. Rock firm and hard. Minor slips and one shear at 1196.3'.													
		Core Angles: 70° to 1198', 75-80° @ 1199'-1202'. Lower contact slip contact @ 70° to core (or @ 60° to foliation)													
1202.4	1242.0	QUARTZ - SERICITE PHYLLITE WITH SULPHIDES Bleached													
		60-65% quartz, 30-35% sericite, 1-3% pyrite, a few dots or blebs of pyrrhotite. A few spots of lead-zinc and copper. Minor	39.6/ 39.6		1202.4	242.0									
		reddish-brown biotite (?) at 1230'-1235'. Totally bleached to buff colour, massive, siliceous and hard, competent rock. Similar to 1101.2'-1190.2' section except less sulphides.													
		1223.3'-1224.5' -- medium gray phyllitic breccia in quartz ground mass confined between two slips at 40° to core.													
		Core Angles: 75° to 1222', 60° @ 1225', tight slip (irregular) at 1225.7', 60-70° @ 1227'-1237, 80° @ 1238-1240'. 30° slip at 1241'.													
1242.0	1272.7	SHEAR AND FAULT IN QUARTZ - SERICITE PHYLLITE WITH SULPHIDES Bleached													
		Phyllites similar to 1202.4'-1242' but with fuschite and chlorite mineralization. Fuschite occure at 1243.5'-1256' with two 0.5 chlorite sections. 1-2% pyrite. A few specks of pyrrhotite, no lead-zinc-copper noted. Slightly talcy.	28/ 30.7		1242.0	1272.7									

DIAMOND DRILL RECORD

LOGGED BY F. Chow

PROPERTY

D.D.H. No. 75-A68 PAGE 20 of 21

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
		Numerous shears with gouge in some short sections of undisturbed rock, some highly fractured.													
		Core Angles: 60° @ 1242'-1247', 70° to 1251', 75° to 1255', 60-70° to 1266', 75° @ 1267'-1272'.													
1272.7	1277.0	QUARTZ - SERICITE PHYLLITE WITH MINOR SULPHIDES Bleached 60-65% quartz, 0-1% pyrite. Rocks similar to 1202.4'-1242'. Totally bleached to buff colour, slightly more talcy.													
		Core Angle: 70°.													
	1277.0	END OF HOLE													
		REMARKS: 1. A-68 located at L76W/6N by error. Should have been L78W/6N.													
		2. On second examination, the rocks at the bottom of this hole are noted to be more altered and also more bleached than previously noted. Although the sulphide content is decreasing with depth in the bleached zone, the D.D.H. should have been continued until the bleached zone has ended.													
		3. TROPARI TESTS Within the Grum Deposit. (a) An open drill hole invariably contains cave material, therefore, the normal practice of lowering the tropari survey equipment down with drill rods cannot be used.													

DIAMOND DRILL RECORD

LOGGED BY F. Chow

PROPERTY

LATITUDE BEARING OF HOLE STARTED

DEPARTURE DIP OF HOLE COMPLETED

ELEVATION DIP TESTS DEPTH Proposed: Ultimate:

D.D.H. No. 75-A68 PAGE 21 of 21

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
		Instead, the rods must be left in the drill hole with the bottom of the last rod 15-20 feet above the footage when the test is to be carried out. Then, the equipment is lowered by the wire-line cable for the test. Note: The drill bit must be replaced by a shoe for the survey equipment to go through and pass the rods.													
		(b) In D.D.H. #A-68, the tropari equipment was hung up at footage ~~780' so only a dip test was obtained. In taking the tropari~~ test at footage 1277 feet, the test equipment was attached to ~~the aluminum rods then screwed into the inner tube of the core~~ barrel and dropped into the drill hole (free fall to bottom in ~~water filled hole). To speed up the "free fall", the equipment~~ can be pumped down according to normal drilling procedure.													
		The third test taken at footage 400 feet was taken with the rods ~~still in the drill hole. Consequently only the dip can be~~ taken. In order to take a proper test to obtain the bearings of ~~the hole, the rod must be pulled up to at least Collar + 380 ft.~~ This was not done in this case because of the late hour.													
		4. Cementing -- from collar to 1277 feet.													

DDH: FAGA068 -- 42 DEGREE PROFILE

(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1304 592298E ; 905077N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 557.4 Z = 1315.5

SECTION NAME: 74W

CYPRUS ANVIL MINING CORPORATION

DDH: FAGA068 -- 42 DEGREE PROFILE

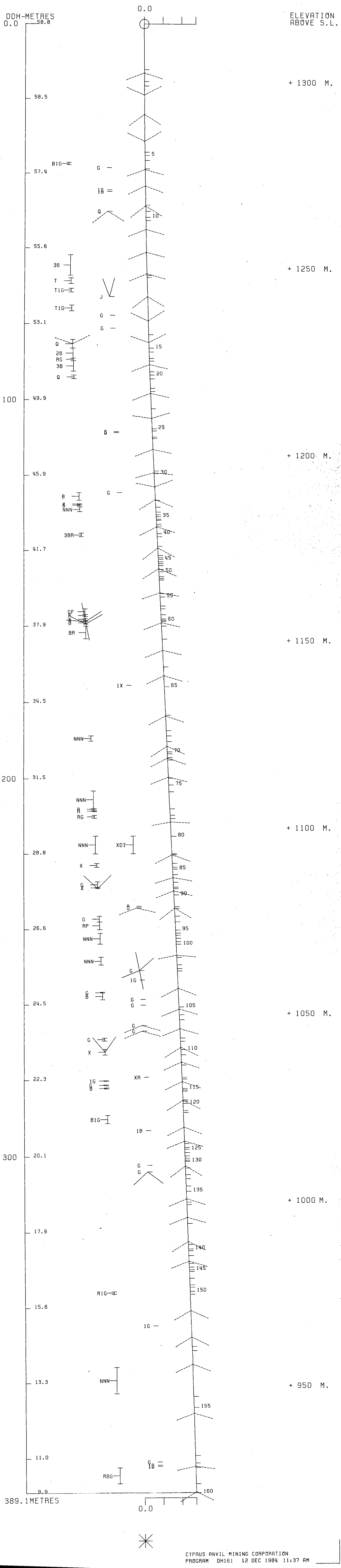
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1304 592298E ; 905077N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 557.4 Z = 1315.5

SECTION NAME: 74W



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 12 DEC 1984 11:37 AM

DRILL HOLE : FAGA071

NORTHING : 904,990.3

EASTING : 592,300.3

ELEVATION : 1,297.0

TOTAL DEPTH : 177.4

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: 27

NOS DOWN-H-SURVEYS: 3

NOS DOWN-H-LITHOLOGY: 41

NOS DOWN-H-STRUCTURE: 46

NOS DOWN-H-FAULTS: 14

NOS DOWN-H-SPLINES: 3

NOS COMPOSITES: 0

DDH: FAGA071 UTM-N: 904,990.3 UTM-E: 592,300.3 UTM-ELEV: 1,297.0 TOTAL DEPTH: 177.4 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.
119.8	120.6	09079	.8	.8	4E4	3.94	.06	7.30	15.60	125.00		1.17	4	15	20						
120.6	121.6	91078	1.0	1.0	4E4			8.77	18.14		131.00										
121.6	122.7	09080	1.1	.8	4A4	3.29	.02	3.70	7.80	61.00		.89	1	12	13						
122.7	124.4	09081	1.7	1.2	4E4	4.64	.04	3.40	6.40	57.00		1.03		33	34						
124.4	126.6	09082	2.2	2.1	4C0	4.29	.06	1.42	2.60	24.00	26.00	.62	1	5	7						
126.6	127.9	09083	1.3	1.1	4C0	2.96	.04	1.34	2.90	22.00		.41	1	4	6						
127.9	129.5	09084	1.6	1.5	4C0	2.99	.06	1.15	2.20	21.00		.55	1	6	7						
129.5	130.4	91079	.9	.0	4C0			1.48	2.40		22.30										
130.4	131.3	09085	.9	.9	4C0	2.99	.07	1.22	2.30	24.00		.55	1	5	7						
133.0	134.3	09086	1.3	1.3	4A14	3.12	.03	3.24	4.90	43.00		.69	1	2	4						
134.3	136.1	09087	1.8	1.8	4A1	2.65	.02	.73	2.40	16.00		.48	2	2	5						
136.1	137.9	09088	1.8	1.8	4A1	3.11	.07	1.22	1.70	23.00		.55	2	7	9						
137.9	139.7	09089	1.8	1.7	4A1	3.21	.07	1.23	2.70	28.00		.75		8	9						
140.4	141.1	09090	.7	.0	4A13	3.32	.08	1.46	1.85	33.00		1.10	1	14	16						
142.8	144.3	09091	1.5	1.3	4A13		.04	.30	.90	10.00											
146.3	147.3	09092	1.0	1.0	4A13		.07	.93	1.58	26.00											
148.0	149.2	09093	1.2	.4	4A3		.07	.71	1.04	21.00											
159.0	160.9	09094	1.9	1.9	4A1	3.23	.07	2.30	2.20	38.00		1.03	1	5	6						
160.9	162.8	09095	1.9	1.8	4A1	3.01	.08	1.45	.92	24.00		.96		6	7						
162.8	164.6	09096	1.8	1.8	4A1	3.06	.07	2.80	1.15	45.00	43.00	1.17		5	6						
164.6	166.5	09097	1.9	1.7	4A1	3.01	.08	2.50	1.28	37.00		1.44		6	6						
166.5	168.3	09098	1.8	1.8	4A1	3.05	.06	2.60	2.03	38.00		1.17		5	5						
168.3	170.2	09099	1.9	1.5	4A1	3.16	.08	2.30	1.94	36.00		.89		6	7						
170.2	172.1	09100	1.9	1.8	4A1	3.10	.08	2.01	1.19	28.00		1.10		8	8						
172.1	173.9	09101	1.8	1.5	4A1	3.25	.09	1.79	1.50	28.00		1.17		8	9						
173.9	175.3	09102	1.4	1.3	4A1	3.01	.09	.38	.69	10.00		1.17		8	9						
175.3	175.9	09103	.6	.6	4A1	2.91	.06	.35	.21	8.00		.96		6	7						
WEIGHTED AVERAGE																					
119.8	131.3		11.5	9.4		3.08	.04	2.92	5.85	34.83	18.11	.60	1	10	11						
133.0	139.7		6.7	6.6		3.01	.04	1.48	2.77	26.34		.61	2	5	7						
140.4	141.1		.7	.0		3.32	.08	1.46	1.85	33.00		1.10	1	14	16						
142.8	144.3		1.5	1.3			.04	.30	.90	10.00											
146.3	147.3		1.0	1.0			.07	.93	1.58	26.00											
148.0	149.2		1.2	.4			.07	.71	1.04	21.00											
159.0	175.9		16.9	15.7		3.09	.07	1.99	1.40	31.26	4.57	1.11		6	7						

DDH: FAGA071 UTM-N: 904,990.3 UTM-E: 592,300.3 UTM-ELEV: 1,297.0 TOTAL DEPTH: 177.4 SECTION: W 74
RFE: 52 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
86.000	167.000	102.300
168.200	171.000	102.500

DDH: FAGA071 UTM-N: 904,990.3 UTM-E: 592,300.3 UTM-ELEV: 1,297.0 TOTAL DEPTH: 177.4 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
16.5	0001	#		0.5-	1
26.7	0002	5B8O		0.5-	1
32.8	0003	5B8O	(5DO)	0.5-	1
52.5	0004	5B8O	-> 5BO DOWN	0.5-	1
56.5	0005	5DO	(5C3)	0.5-	1
57.0	0006	5B8O		0.5-	1
60.4	0007	5DO		0.5-	1
80.3	0008	5B8O		0.5-	1
80.9	0009	5DO	(5B8O)	0.5-	1
81.5	0010	5B8O		0.5-	1
81.9	0011	5DO		0.5-	1
84.2	0012	5B8O		0.5-	1
87.3	0013	5DO		0.5-	1
96.9	0014	5B8O	-> 5B802 (5DO) [5BO &8]	0.5-	1
98.1	0015	5BO	(5DO) 50:50? [5BO &8 (5DO)]	0.5-	1
101.6	0016	5B8O	(5DO) MINOR [5BO &8]	0.5-	1
105.5	0017	5DO	(5B8O) MINOR	0.5-	1
109.9	0018	5BC$		0.5-	1
112.6	0019	5D4@	[5B$ &O (5D4$ &O)]	0.5-	1
117.3	0020	5B2O	(5D4@) [5B6$ &2 -> 5B62$]	0.5-	1
119.8	0021	5AO	[5B62 -> 5A6$ &O]	0.5-	1
121.8	0022	4E4	&1 &5 [-> 4E4A]	0.5-	1
122.7	0023	4A4		0.5-	1
124.4	0024	4EO	&4	0.5-	1
131.3	0025	4CO	(4LO) MINOR (5C4*) MINOR	0.5-	1
133.0	0026	5C4*		0.5-	1
139.7	0027	4A1		0.5-	1
140.4	0028	5D4*		0.5-	1
141.1	0029	4A13	&4	0.5-	1
142.2	0030	5D4*		0.5-	1
142.8	0031	4L1	(4A1) AT T.O.I.	0.5-	1
144.3	0032	4A3		0.5-	1
146.3	0033	5C4*		0.5-	1
147.3	0034	4A13		0.5-	1
148.0	0035	5B6	-> 4LO	0.5-	1
149.2	0036	4A3		0.5-	1
150.0	0037	3G4	-> 4L GOUGE	0.5-	1
157.7	0038	5B2E	(5D4*) [3GO & SPECK (5D4*)]	0.5-	1
159.0	0039	5C*	&4	0.5-	1
175.9	0040	4A1	&4 [3G6 &1]	0.5-	1
177.4	0041	4L1	[4L ON 4A?] [3G4 &1 &6]	0.5-	1

DDH: FAGA071 UTM-N: 904,990.3 UTM-E: 592,300.3 UTM-ELEV: 1,297.0 TOTAL DEPTH: 177.4 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
FAGA071	0.0	17.7	CS2		0	0	0	0	70	230	0	1	1	1
FAGA071	0.0	21.9	CS2		0	0	0	0	70	230	0	1	1	1
FAGA071	0.0	26.3	CS2		0	0	0	0	74	230	0	1	1	1
FAGA071	16.5	28.3	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGA071	0.0	30.8	CS2		0	0	0	0	70	230	0	1	1	1
FAGA071	0.0	35.4	CS2		0	0	0	0	70	230	0	1	1	1
FAGA071	28.3	37.4	CS2	M	0	0	0	0	0	0	0	1	1	1
FAGA071	0.0	39.9	CS2		0	0	0	0	75	230	0	1	1	1
FAGA071	37.4	41.8	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGA071	0.0	44.5	CS2		0	0	0	0	73	230	0	1	1	1
FAGA071	41.8	47.8	CS2	M	0	0	0	0	0	0	0	1	1	1
FAGA071	0.0	47.9	CS2		0	0	0	0	65	230	0	1	1	1
FAGA071	0.0	52.7	CS2		0	0	0	0	69	230	0	1	1	1
FAGA071	0.0	57.8	CS2		0	0	0	0	61	230	0	1	1	1
FAGA071	0.0	62.2	CS2		0	0	0	0	51	230	0	1	1	1
FAGA071	0.0	66.8	CS2		0	0	0	0	52	230	0	1	1	1
FAGA071	0.0	71.6	CS2		0	0	0	0	67	230	0	1	1	1
FAGA071	0.0	76.0	CS2		0	0	0	0	63	230	0	1	1	1
FAGA071	0.0	80.4	CS2		0	0	0	0	69	230	0	1	1	1
FAGA071	0.0	84.7	CS2		0	0	0	0	62	230	0	1	1	1
FAGA071	0.0	89.6	CS2		0	0	0	0	70	230	0	1	1	1
FAGA071	0.0	94.2	CS2		0	0	0	0	65	230	0	1	1	1
FAGA071	0.0	98.8	CS2		0	0	0	0	63	230	0	1	1	1
FAGA071	0.0	103.6	CS2		0	0	0	0	71	230	0	1	1	1
FAGA071	0.0	108.2	CS2		0	0	0	0	74	230	0	1	1	1
FAGA071	0.0	112.8	CS2		0	0	0	0	51	230	0	1	1	1
FAGA071	0.0	117.3	CS2		0	0	0	0	70	230	0	1	1	1
FAGA071	54.3	119.8	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGA071	0.0	123.0	PS2		0	0	0	0	60	230	0	1	1	1
FAGA071	0.0	131.0	PS2		0	0	0	0	68	230	0	1	1	1
FAGA071	119.8	132.6	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGA071	0.0	135.6	CS2		0	0	0	0	75	230	0	1	1	1
FAGA071	132.6	137.9	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGA071	0.0	140.6	CS2		0	0	0	0	64	230	0	1	1	1
FAGA071	137.9	141.5	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGA071	0.0	142.3	CS2		0	0	0	0	60	230	0	1	1	1
FAGA071	141.5	142.7	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGA071	0.0	144.5	CS2		0	0	0	0	60	230	0	1	1	1
FAGA071	0.0	148.1	CS2		0	0	0	0	70	230	0	1	1	1
FAGA071	0.0	153.0	CS2		0	0	0	0	57	230	0	1	1	1
FAGA071	0.0	157.6	CS2		0	0	0	0	69	230	0	1	1	1
FAGA071	0.0	162.2	CS2		0	0	0	0	75	230	0	1	1	1
FAGA071	0.0	167.2	CS2		0	0	0	0	69	230	0	1	1	1
FAGA071	0.0	172.5	CS2		0	0	0	0	65	230	0	1	1	1
FAGA071	0.0	176.8	CS2		0	0	0	0	64	230	0	1	1	1
FAGA071	142.7	177.4	CS2	S	0	0	0	0	0	0	0	1	1	1

DDH: FAGA071 UTM-N: 904,990.3 UTM-E: 592,300.3 UTM-ELEV: 1,297.0 TOTAL DEPTH: 177.4 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
FAGA071	0.0	22.0	G		0	0	0	0	0	0	1
FAGA071	47.8	52.7	BP		0	0	0	0	0	0	1
FAGA071	108.4	109.3	GF?		0	0	0	0	0	0	1
FAGA071	119.7	121.7	D		0	0	0	0	0	0	1
FAGA071	120.6	121.7	NNN		0	0	0	0	0	0	1
FAGA071	129.4	130.4	NNN		0	0	0	0	0	0	1
FAGA071	145.9	146.2	G		0	0	0	0	0	0	1
FAGA071	148.0	149.2	X		0	0	0	0	0	0	1
FAGA071	149.4	149.9	G		0	0	99	999	0	0	1
FAGA071	152.5	153.0	G		0	0	0	0	0	0	1
FAGA071	153.3	153.9	G		0	0	0	0	0	0	1
FAGA071	0.0	154.5	G		0	0	0	0	0	0	1
FAGA071	145.9	157.5	F		0	0	0	0	0	0	1
FAGA071	166.7	167.0	C		0	0	0	0	0	0	1

DDH: FAGA071 UTM-N: 904,990.3 UTM-E: 592,300.3 UTM-ELEV: 1,297.0 TOTAL DEPTH: 177.4 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGA071	1	2
FAGA071	2	2
FAGA071	3	1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 75-AD71

Project: Grum Relog

Location: Vangorda Plateau

Claim:

~~UTM~~ Terr. Plane Co-ords.: 6904990.2867 N

1979 HIC O. Magnetometer Survey

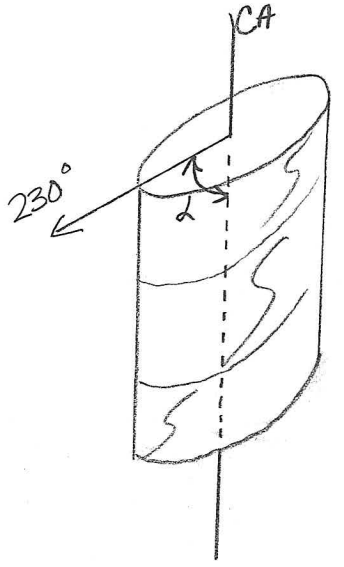
592300.3026 E

Grid Co-ords.: 74W/4N

Elevation: 1297.01

Total Depth: 582.0ft

Fabric Orientation Diagram:



All symmetry determinations looking

NW with S_2 dipping

SW with dip azimuth 230.

Purpose:

Logged by: JSM Date(s) Logged: July 17, 18, 1980

Drilling Contractor:

Core:	Size	From	To	Collar Cased and Capped:
	BQ	54ft	582ft	

Started: May 3, 1975 Completed: May 5, 1975

Cyprus Anvil Mining Corp.
Diamond Drill Core Log

DDH 75-A071 (2–8)

Code	Drillhole	Elevation	Northing	Easting	Comments
	2 8	10 16	17 24	25 32	34 48
T	75-A071	12970.0	9049901.3	592300.3	FEET

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
	2 8	10 14	22 26	28 32	34 56
R	75-A071	0.0	180.0	0.0	ATCOLLAR
R	75-A071	282.0	167.0	102.3	TROPARI
R	75-A071	552.0	171.0	102.5	
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
		CORE MISSING FOR MET TESTS

DDH 75-A07-L (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	540	1		O/B
L	540	875	2	5B8	strongly calc
L	875	1075	3	5B87	seems to be unit 2 with 5D (green massive variety) material intermingled; still stronaly calc
L	1075	1722	4	5B8	as unit 2 but gradually becoming gray-green instead of straight green as normal 5B8. Still calc. minor gouge (0.4ft) @ EOI.
L	1722	1855	5	5D3	massive green w/ white cc bands. Minor 5B8 (or 5F) interbds. some "gritty" 5D. 5C or perhaps 5BD
L	1855	1870	6	5F0	
L	1870	1980	7	5D3	as unit 5
L	1980	2634	8	5B8	as the end of unit 4 ie gray-green, still calc.
L	2634	2653	9	5D3	as unit 5 w/ interbd of 5B8
L	2653	2675	10	5B8	as unit 2
L	2675	2686	11	5D3	as unit 5
L	2686	2764	12	5B8	as unit 10
L	2764	2865	13	5D3	as unit 5
L	2865	3180	14	5B8	as unit 8 grey-green, perhaps becoming 5B82 0.5ft 5D3 @ 316
L	3180	3218	15	5BD	mixed + interbdd 5B8 + 5D3
L	3218	3333	16	5B8	w/ 0.4ft interbd 5D3 @ 331.9
L	3333	3460	17	5D3	w/ minor interbds of 5B8
L	3460	3604	18	5B0	ankeritic possible fault - 355.7 - 358.6 (shear, gouge,)
L	3604	3695	19	5D4	interbdd buff, $FeCO_3^=$ 5D4 with possible 5B74.
L	3695	3800	20	5B2	minor interbdd 5D4 @ TOI, strongly calc
L	3800	3930	21	5A3	only slightly + variably calc. 'C content increases down
L	3930	3995	22	4E4	±V → 4E4A minor graphite; +4D4 CLASTS IN OPEN BRECCIA @ 0.5m H/w → 27% PbZn redsph+an → 395.8-399.5 Nocore (THIS IS NOT A FAULT!)
L	3995	4025	23	4A4	6.5% PbZn
L	4025	4080	24	4E0	goes to 4E4 @ EOI assays 10% PbZn. for the interval - I think that is all concentrated in last 0.5ft
L	4080	4308	25	4C0	-SERICITIC + (4LI) + (minor 5C4*) 3-4% PbZn ~30-40% sfds 412.8-428 No core grades to 4CL locally
L	4308	4364	26	5D4 5C4*	~~5~~ mottled w/ $FeCO_3^=$ grading to massive buff brown → + maripositе → w/ v. minor $FeCO_3^=$
L	4364	4583	27	4A1	± LOW SULPHIDE - PHYL + C PARTINGS. interval begins w/ 4B4 ~7% PbZn to 436.9; then 4A1 w/ 1-4% PbZn + TWO 1 ft QZ VNS 448-452. Note intimate inter banding of 4A + 4LO 440-444ft
L	4583	4606	28	5D4	(? $FeCO_3^=$?? buff-orange but no fizz). Note tan bands of

DDH 75-A071 (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	
					very pyrocl.-looking stuff
L	4606	4628	29	4A1	1/3-4% PbZn; DOMINANTLY C-PARTINGS (±4)
L	4628	4655	30	5D4	mottled + green-massive 5D beginning to be altered to white mica + maripasite. $FeCO_3^=$ weathering orange
L					Note thin band of 4D4 // S_1 (also S_0?); qtz veins = 15% 11S_2
L	4655	4686	31	4L1	+(4A1 - LOW SULPHIDE @ 20cm H/W)
L	4686	4734	32	4A1	1/3/N 1% PbZn - DOMINANTLY C-PARTINGS;
L	4734	4799	33	5C4 5D4	*mot mottled orange-chlor. maybe $FeCO_3^=$ but no fizz
					interband of qtz+sfds, interband of 4L6
L					maripasite @ EOT, gouged near EOT = 1 foot;
L	4799	4832	34	4A1	3/N 2% PbZn + (4A3)
L	4832	4857	35	5B6	w/ minor white mica, transitional to 4L0 + (10 Qo 11S_2)
L	4857	4896	36	4A3	4A3 to 486.5, then brecciated w/ clasts of graphitic
					phyllite + minor sfds, then bleached bxia all assid with F/W FAULT.
L	4896	5175	37	5B26	490.4-492 gouged - PROB A 11S_2 also 500.5-502, 503-505
					and @ 507, Two interbeds of buff-orange 5D4
					Grades to 5A in local spots. Fault zone(?) 479-517
L	5175	5218	38	5C4 5D4	*mot mottled 5D w/ maripasite noncalc, qtz veins
L	5218	5772	39	4A1	±4 only v. minor graphite + that is more like, PATCHS gray mica; 547-548 = CAVE
					2-4% PbZn perhaps this should be called 4C5? NO
					For the less most Part it has the ribbon-banded texture YES
L	5772	5820	40	4L1	AS 4A1 UNIT 39 BUT SERICITE RATHER THAN
					GRAPHITE - DARK MICA PARTINGS;
					END OF HOLE @ 582 ft.

NOTE: PARTIAL RELOG OF THESE LITHOLOGIES

DDH 75-407.1 (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							O/B
S		580	CS12			70 230	S region -93.0
S		720	CS12			70 230	
S		864	CS12			74 230	
S		930	F12	S			M region 93.0 - 122.7
S		1010	CS12			70 230	
S		1160	CS12			70 230	
S		1227	F12	M			S region 122.7 - 137.0
S		1310	CS12			75 230	
S		1370	F12	S			M region 137.0 -
S		1460	CS12			73 230	
S		1570	CS2			65 230	
							Lost + broken core 157.0 - 173.0
S		1730	CS12			69 230	
S		1780	F12	M			S region 178 - 393
S		1895	CS12			61 230	
S		2040	CS12			51 230	
S		2190	CS12			52 230	
S		2350	CS12			67 230	
S		2494	CS12			63 230	
S		2639	CS12			69 230	
S		2781	CS12			62 230	
S		2940	CS12			70 230	
S		3090	CS12			65 230	
S		3240	CS12			63 230	
S		3400	CS12			71 230	
S		3550	CS12			74 230	
S		3700	CS12			51 230	
S		3850	CS12			70 230	
S		3930	F12	S			R region 393 - 435
S		4037	PS12			60 230	395.8 - 399.5 No core A.M.T.
S		4297	PS12			60 230	424.8 - 428 No core A.M.T.
S		4350	F12	R			Z region 435 - 452.5
S		4450	CS12			75 230	
S		4525	F12	3			S region 452.5 - 464.4
S		4614	CS12			64 230	

DDH Z5-A07-L (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		464.4	F2E				Z region 464.4 - 468.3
S		467.0	CS2			60 230	
S		468.3	F23				S region 468.3 - 582
S		471.0	CS2			60 230	not a well defined region due
S		486.0	CS2			70 230	to gouged core + split stds
S		502.0	CS2			57 230	
S		517.0	CS2			69 230	
S		532.0	CS2			75 230	
S		548.7	CS2			69 230	
S		566.0	CS2			65 230	
S		580.0	CS2			64 230	
S		582.0	F2S				EOH

DDH 75-A071 (2 / 8)

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

Logged By: JSM

Sampled By: KA

Code	From	To	Sample No.	Description	Length	Recovery	Unit
1	10 14	16 20	22 27				
P	13930	13995	114391 KA		6.5	6.3	4E4(A)
P	13995	14020	114410 KA		2.5	2.0	4A4
P	14020	14080	114411 KA		6.0	3.3	4E0
P	14080	14155	114412 KA		7.5	7.2	4C0
P	14155	14197	114413 KA		4.2	3.0	4C0
P	14197	14248	114414 KA		5.1	2.6	4C0
P	14248	14308	114415 KA		6.0	—	4C0
P	14316	14407	114416 KA		4.7	4.6	4A0
P	14407	14485	114417 KA		7.8	7.4	4A0
P	14485	14525	114418 KA		4.0	4.0	4A0
P	14525	14582	114419 KA		5.7	5.7	4A0
P	14606	14628	114510 KA		2.2	2.2	4A0
P	14683	14734	114511 KA		5.1	5.1	4A0
P	14799	14838	114512 KA		3.7	3.7	4A0
P	15218	15287	114513 KA		6.9	6.7	4A1
P	15287	15362	114514 KA		7.5	7.3	4A1
P	15362	15445	114515 KA		8.3	7.3	4A1
P	15445	15538	114516 KA		9.3	9.1	4A1
P	15538	15597	114517 KA		5.9	5.4	4A1
P	15597	15665	114518 KA		6.8	4.2	4A1
P	15665	15750	114519 KA		8.5	5.6	4A1

DDH FAGA0.7.1 (2 8) Cyprus Anvil Mining Corp

Page ____ of ____

CHECKED ~~Logged~~ by GG

ASSAY LOG (SAMPLER'S COPY) Date 11 AUG/81. Sampled by ____

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION.
1	10 14	16 20	22 26	28 30	32 34	36 40	42
P	3935	3958	90779	28	28	4E4	±1
	3958	3991	91078	33	—	4EA	±1 // WHOLE CORE SAMPLED FOR MET TEST SEE K.A. LOGS SAMPLE 14391
P	3995	4025	90880	30	26	4A4	399.1 - 399.5 - 4 FT IN BOX = 4E4.
P	4025	4080	90881	55	46	4E0	+(4E4)
P	4080	4155	90882	75	69	4C0	+(4L1)
P	4155	4197	90883	42	35	4C0	+(4L1)
P	4197	4248	90884	51	51	4C0	+(4L1)
	4248	4278	91079	60	15	4C0	+(4L1) // NO CORE - SAMPLED FOR MET TEST - SEE K.A. LOGS SAMPLE #1445
P	4278	4308	90885	30	29	4C0	+(4L1)
	4308	4364		56		5C4*	LOW GRADE NOT SAMPLED } ASSAY = 0%
P	4364	4407	90886	43	42	4A1	+(4B4)
P	4407	4466	90887	59	58	4A1	
P	4466	4525	90888	59	59	4A1	
P	4525	4583	90889	58	55	4A1	
	4583	4606		23		5D4	LOW GRADE NOT SAMPLED / ASSAY = 0%
P	4606	4628	90890	22		4A1	±4
	4628	4665		37	22	5D4	LOW GRADE NOT SAMPLED / ASSAY = 0%
	4665	4686		21		4L1	+(4A1) LOW GRADE NOT SAMPLED // ASSAY = 0%
P	4686	4734	90891	48	44	4A1	
	4734	4799		65		5C4*	LOW GRADE NOT SAMPLED // ASSAY = 0%
P	4799	4832	90892	33	33	4A1	+(4A2)
	4832	4857		25		5B6	+ (10Q0)
P	4857	4896	90893	39	12	4A3	
P	5218	5279	90894	61	61	4A1	±4
P	5279	5340	90895	61	61	4A1	±4
P	5340	5401	90896	61	61	4A1	±4
P	5401	5462	90897	61	56	4A1	±4
P	5462	5523	90898	61	61	4A1	±4
P	5523	5584	90899	61	50	4A1	±4
P	5584	5645	91010	61	61	4A1	±4
P	5645	5705	91011	60	48	4A1	±4
P	5705	5750	91012	50	37	4A1	±4
P	5750	5772	91013	22	22	4A1	±4
							END OF HOLE @ 582 ft

UNITS = FEET

SPLIT

SPLIT

NOTE: K-A SAMPLE NUMBER IS 91079

NOTE: Rounding error with assay intervals for feet → meters conversion DATA BASE may disagree with Lithologic Logs by 0.1 meter

DDH FAGA071 (2 … 8) Relog

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
87.3	L	2865	3180	96.9		5B0	±8 slightly calc.
	L	3180	3218	98.1		5B0	±8 (500
	L	3218	3333	101.6		5B0	±8 slightly calc. poor lith. stud
	L	3333	3460	105.5		5D0	
	L	3460	3604	109.8		5B0*	dd. – not much difference; highly carbonated
	L	3604	3695	112.6		5B*	±0 " off white → lt. gray (5D4* ±0) ultracarbonated
	L	3695	3850	117.3		5B6*	±2 grading ↓ 5B62* @ 385
	L	3850	3930	119.8		5B62	⇒ 5A6* ±0
							Skip sulfs + 5C/5D
149.2	L	4896	4920	150.0		3G4	⇒ 4L gouge
	L	4920	5175	157.7		3G0	± Spkld-minor (5D4*)
	L	5175	5218	159.0		5C*	±4 fuch, chlor mottled
	L	5218	5770	175.9		4A1	±4; from 575 – 577.0 only remaining core, unit is 3G6±1 mineralized wallrock.
	L	5770	5812	177.4		3G4	±9 ±6 as 575.0 – 577.0; GAG comment on TSM log ⇒ most of 4A1 more like 3G6±1 "wallrock"

DDH FAGA.07.1 (2 / 8) Cyprus Anvil Mining Corp. Page _____ of _____

Structural Log Date: _____ Logged By: _____

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
F		172	G					
F	3557	3586	GF?					
F	3930	3995	D					
F	3958	3995	N,N,N					
F	4248	4280	N,N,N					
F	4789	4799	G					
F	4857	4896	X					
F	4904	4920	G			999	999	
F	5010	5020	G					
F	5030	5050	G					
F		5070	G					
F	4790	5170	F					
F	5470	5480	C					
F	1570	1730	BP					

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

DIAMOND DRILL RECORD

LOGGED BY F. Chow

PROPERTY VANGORDA, GRUM JOINT VENTURE

LINE, GRID

LATITUDE 3 + 96N — HIW 35379.74N (10,783.74m N)

DEPARTURE 73 + 95W — 24957.33E (7606.99m E)

ELEVATION 4248.10' ASL — 4290.10' (1307.62m)

BEARING OF HOLE BY TROPARI @ 282' - 101° 40.5' Azim (True); @ 552' - 101° 50.5'

DIP OF HOLE - 90°

DIP TESTS BY TROPARI @ 282' - 77°; @ 552' - 81°

HOLE SIZE 0 - 54' -- BW; 54 - 582' -- BQ

STARTED May 3, 1975 D.S.

COMPLETED May 5, 1975 A.S.

DEPTH Proposed: 470'; Ultimate: 582' (177.39m)

D.D.H. No. 75-A71 PAGE 1 of 9

CLAIM No.

N

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec. Ft.	Sample No.	Footage From	Footage To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Feet Pb	Assay x Feet Zn	Assay x Feet Ag
0	54 ft.	OVERBURDEN (Triconed to Bedrock)	Nil		0	54									
54	172.5	QUARTZ - SERICITE ± CHLORITE PHYLLITE Greenish gray & light gray													
		40-50% quartz-feldspar, 0-3% chlorite (locally rich) light to	2.5/4		54	58									
		medium gray, greenish tinge where chlorite present. Banded and	20/20			78									
		striped banded (thin) Fl poorly to moderately developed locally	16/20			98									
			50/50			148									
		Rock not competent, parts readily along foliation planes.	6.2/10			158									
		Local shears at 57' parallel foliation, 63-64' parallel folia-	2/10			168									
		tion, 87', 96', 100', 115', and 127'. Multiple shearing @ 148-				173									
		173', most intense appear to be at 167-173'.	2.3/5												
		Core Angles: 65-70° to 88', 80° @ 93', 85-90° @ 96-99', 75° @ 101.7, 65° @ 103, 75° @ 104-133', 70° @ 134-149', 75-80° @ 151-188'.													
172.5	198.0	QUARTZ - SERICITE - CHLORITE PHYLLITE													
		40% quartz-feldspar, 40-45% sericite, 15-20% chlorite. Light	13.5/15		173	188									
		greenish-gray colour. Thinly foliated with narrow quartzose bands. Parts readily along foliation.	7.2/10			198									
		Many tight shears, wider ones with gouge occuring at 192'-198'. Rock not competent.													
		Core Angles: 75-70° @ 172', 60° @ 178', 70° @ 180', 60-65° @ 187-198'.													

DIAMOND DRILL RECORD

LOGGED BY F. Chow

PROPERTY

LATITUDE | BEARING OF HOLE | STARTED

DEPARTURE | DIP OF HOLE | COMPLETED

ELEVATION | DIP TESTS | DEPTH Proposed: Ultimate:

D.D.H. No. 75-A71 PAGE 2 of 9

CLAIM No.

N

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec. Ft.	Sample No.	Footage From	Footage To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Feet Pb	Assay x Feet Zn	Assay x Feet Ag
198.0	245.5	QUARTZ - SERICITE PHYLLITE Medium gray.													
		40-50% quartz-feldspar. Medium gray, white quartzose banding and locally striped banding. F1 moderately developed locally.	5.3/6		198	204									
			3.3/6			210									
		Highly fissile. Intensely sheared at 206-213' and 222-226'. Many other small slips.	0.9/3			213									
			3.5/9			222									
		Core Angles: 60° @ 198', 50° @ 199-206', 60° @ 213', 45° @ 215'	1.3/4			226									
			1.3/2			228									
		35° @ 225.5', 75° @ 226', 35° @ 233' (shearing)	3.5/7		228	235									
		70° @ 235-244', 50° @ 245'.	7.7/10.5			245.5									
245.5	261.5	QUARTZ - SERICITE PHYLLITE Medium gray.													
		45% quartz-feldspar, thinly laminated, also stripe banded. A few narrow shears. Rock parts readily along foliation.	5.7/7		245.5	252.5									
		Core Angles: 50° to 248', 75° @ 250', 60° @ 251', 75-80° @ 255-270'.	9/9			261.5									
261.5	290.0	QUARTZ - SERICITE - CHLORITE PHYLLITE Greenish-gray.													
		50% quartz-feldspar, 15-20% chlorite. Similar to 172.5-198' phyllites. Rock not competent, parts readily along foliation.	14.4/16.5		261.5	278.0									
		Also moderate shearing at 268-271' and 287.5-290'.	3.6/6			284.0									
			0.5/2.5			286.5									
		Core Angles: 65-70° @ 271-277', 60° @ 278-279', 80° @ 280', 60° @ 284', 70° @ 287'.	2.6/3.5			290.0									

DIAMOND DRILL RECORD

LOGGED BY F. Chow

PROPERTY

LATITUDE BEARING OF HOLE STARTED

DEPARTURE DIP OF HOLE COMPLETED

ELEVATION DIP TESTS DEPTH Proposed: Ultimate:

D.D.H. No. 75-A71 PAGE 3 of 9

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
290.0	317.0	QUARTZ - SERICITE PHYLLITE Medium gray													
		40% quartzose-feldspar. Thinly laminated, similar to 245.5'-261.5'. Moderately fissile, parts readily, not competent rock.	25.5/27		290.0	317.0									
		Core Angles: 75° to 299', 70° to 305', 75-80° to 315', 70° @ 316'. Tight 20° slip at 316.5'.													
317.0	322.4	QUARTZ - SERICITE PHYLLITE Altered. Slightly bleached.													
		40% quartzose-feldspar. Thinly laminated. Light buff-gray. Sheared at 321.9-322.4'.	4.7/5.4		317.0	322.4									
		Core Angle: 75-80-85°.													
322.4	329.7	QUARTZ - SERICITE PHYLLITE Medium gray.													
		45% quartzose-feldspar. Thinly laminated. Similar to 290-317'.	7.3/7.3		322.4	329.7									
		Core Angle: 75-80°.													
329.7	346.0	QUARTZ - SERICITE ± CHLORITE PHYLLITE Altered. 50% bleached.													
		50-55% quartzose-feldspar. Thinly foliated sericite with minor local chlorite banded with narrow (1/16"); white quartzose-feldspar bands. Minor local F1 developed. Much carbonates. Moderately competent rock, yet parts readily along foliation.	16.3/16.3		329.7	346.0									
		Core Angles: 75° @ 333', 70° @ 337', 85° @ 341', 65° @ 342', 75° @ 345'.													

DIAMOND DRILL RECORD

LOGGED BY F. Chow

PROPERTY

LATITUDE BEARING OF HOLE STARTED

DEPARTURE DIP OF HOLE COMPLETED

ELEVATION DIP TESTS DEPTH Proposed: Ultimate:

D.D.H. No. 75-A71 PAGE 4 of 9

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
346.0	361.0	QUARTZ - SERICITE - PHYLLITE Medium gray													
		Similar to 290-317'. Fault and shear zone @ 355.5-359'. Much carbonates.	10/10		346.0	356.0									
			4.8/5			361.0									
		Core Angle: 70-75°.													
361.0	373.5	QUARTZ - SERICITE PHYLLITE Bleached buff and altered gray-buff													
		50% quartzose-feldspar. 361-367' bleached buff; 367-373.5' — alternate bands of buff and gray-buff alteration. Rocks fissile	2.9/3		361.0	364.0									
		and shearing at a few places. Much carbonates.	8.7/9.5			373.5									
		Core Angle: 70-65°.													
373.5	382.0	QUARTZ - SERICITE - GRAPHITE PHYLLITE													
		45% quartzose-feldspar, 35-45% sericite, 5-15% graphite --	7.5/		373.5	382.0									
		increasing towards 382'. Many fractures -- quartz and ankerite	8.5												
		filled. A few blebs of pyrite.													
		Core Angles: 75° @ 375', 60° @ 378', 80° @ 381', 70° @ 388'..													
382.0	393.0	QUARTZ - GRAPHITE PHYLLITE													
		35-40% quartzose-feldspar, negligible pyrite. Black, thinly	4.4/8		382.0	390.0									
		foliated graphite. Fissile, also sheared and fractured. Very													
		weak rocks in Hanging wall of sulphide zone immediately	1.7/3			393.0									
		below. Contact believed to be sharp.													

DIAMOND DRILL RECORD

LOGGED BY F. Chow

PROPERTY

LATITUDE | BEARING OF HOLE | STARTED

DEPARTURE | DIP OF HOLE | COMPLETED

ELEVATION | DIP TESTS | DEPTH Proposed: Ultimate:

D.D.H. No. 75-A71 PAGE 5 of 9

CLAIM No.

N — DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec. Ft.	Sample No.	Sample Footage From	Sample 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
		Core Angles: 35° @ 391', 60° @ 392'.													
393.0	408.0	MASSIVE SULPHIDES and QUARTZ - GRAPHITE - SULPHIDES													
		393.0-399.5'-- 35-40% pyrite, 32% lead-zinc, minor graphite remnants.	6.3	1439	393.0	399.5	6.5	8.77	18.14	3.82			57.005	119.665	24.83
		-402.0'-- quartz-graphite-sulphides, 20% pyrite, 6-8% lead zinc	2.0	1440		402.0	2.5	2.33	4.38	1.03			5.825	10.95	2.575
		-408.0'-- granular massive sulphides, slightly porous, 70-75% pyrite, 8-14% lead-zinc.	3.3	1441		408.0	6.0	3.42	7.34	1.44			20.52	44.04	8.64
					393.0	408.0	15.0	5.56 17.20	11.64	2.40	(18.2-9.3=14.9) Weighted Average		83.350	174.635	36.045
		Core Angles: 40° @ 393.5', 50° @ 395', 75° @ 400', 80° @ 403'.													
408.0	430.8	QUARTZ - SERICITE PHYLLITE WITH SULPHIDES													
		65-70% quartzose-feldspar, 10-15% pyrite, 2-7% lead-zinc (av.5%) Quartzy and hard. Moderately competent rock.	7.2	1442	408.0	415.5	7.5	1.55	2.22	.65			11.625	16.65	4.875
		Core Angles: 40° @ 409-418', 50° @ 418', 75° @ 420-423', 60° @ 426', 40° @ 427', 50° @ 428-430'.	3.0	1443		419.7	4.2	1.43	2.76	.59			6.006	11.592	2.478
			2.6	1444		424.8	5.1	1.10	1.96	.47			5.61	9.996	2.397
				1445		430.8	6.0	1.48	2.40	.65			8.88	14.40	3.90
				Wt Av.	408.0	430.8	22.8	1.41	2.31	0.6	(20.5)		32.121	52.638	13.65

DIAMOND DRILL RECORD

LOGGED BY F. Chow

PROPERTY

LATITUDE BEARING OF HOLE STARTED

DEPARTURE DIP OF HOLE COMPLETED

ELEVATION DIP TESTS DEPTH Proposed: Ultimate:

D.D.H. No. 75-A71 PAGE 6 of 9

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
430.8	436.0	QUARTZ- SERICITE - CHLORITE PHYLLITE Bleached													
		45% quartzose-feldspar, 10% chlorite, banded, 10% leached, slightly sheared, not competent.													
		Core Angles: 50° @ 431', 65° @ 435', Upper contact @ 75°, lower @ 60° to core, and 50° to foliation (slip contact ?)	5.2/ 5.2		430.8	436.0									
436.0	462.8	QUARTZ - SERICITE - GRAPHITE PHYLLITE WITH SULPHIDES, also QUARTZ - SERICITE, bleached													
		60-70% quartzose-feldspar, 3-10% graphite, 2-6% (av. 3%) pyrite, 2-6% lead-zinc. F1 and F1 noses prominent. Both F1 and F2 mineralization.	4.6	1446	436.0	440.7	4.7	3.08	4.86	1.03					
			7.4	1447		448.5	7.8	.95	2.00	.44					
		Rock quartzy and hard but parts readily along sericitic and/or graphitic foliation planes.	4.0	1448		452.5	4.0	.47	.70	.29					
		Sericitic sections with little or no graphite occur at 436.0-436.8', 440-441.8', 442.8-444', 448.5-449.4' (quartz lense and quartz-sericite) 451.3-452.5', 458.2-460.6'. Generally, these sections contain only minor pyrite and with negligible lead-zinc	5.7	1449		458.2	5.7	1.40	3.18	.85					
			2.4/ 2.4			460.6		Estimate 0.00 lead-zinc							
		Core Angles: 65° @ 437', 55° @ 440-444', 75° @ 445', 60° @ 450-457', 70° @ 458', 45° @ 459', 50° @ 461, 75-40° @ 462'.	2.2	1450		462.8	2.2	1.75	1.98	.88					

DIAMOND DRILL RECORD

LOGGED BY F. Chow

PROPERTY

LATITUDE BEARING OF HOLE STARTED

DEPARTURE DIP OF HOLE COMPLETED

ELEVATION DIP TESTS DEPTH Proposed: Ultimate:

D.D.H. No. 75-A71 PAGE 7 of 9

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
462.8	487.0	QUARTZ - SERICITE - CHLORITE PHYLLITE (Bleached) INTER-FINGERING WITH QUARTZ - SERICITE - GRAPHITE WITH SULPHIDES													
		Quartz-sericite-chlorite phyllite occur at 462.8-468.3', 473.4-479.9' and at 483-486'. Sericite-chlorite phyllite contains	5.5/5.5		462.8	468.3		Estimate 0.06% lead-zinc							
		negligible sulphides and much ankerite.	5.1	1451	468.3	473.4	5.1	.30	.96	.15					
		The sericite-graphite phyllite with sulphides are identical to the graphite phyllite in section above; show 8-12% pyrite, 2%	6.5/6.5			479.9		Estimate 0.01% lead-zinc							
		lead-zinc.													
		Core Angles: 75-65° @ 469-486' (undulating)	3.7	1452		483.8	3.7	.89	1.32	.56					
			2.3/2.4			486.2									
			0.8/0.8			487.0		Estimate 0.7% lead-zinc							
487.0	517.5	SHEAR AND FAULT ZONE IN QUARTZ - SERICITE PHYLLITE													
		45% quartzose-feldspar, light to medium gray, thinly foliated sericitic phyllite, parts bleached.	3.1/5		487.0	492.0									
		487 -487.9' -- loosely cemented sulphide-phyllite breccia	17.2/21.5			513.5									
		488.4-493'(?)-- fault gouge, loosely cemented breccia (phyllite)	4/4			517.5									
		(?) 499.5-502 -- shear gouge and fragments													
		503 -513.5'(?) faulted and sheared													
		Core Angles: 65° @ 488', 60° @ 493', 55° @ 496-499', 55° @ 503'													
		30° @ 506', 85° @ 513.5', 75° @ 515, 65° @ 516'.													

DIAMOND DRILL RECORD

LOGGED BY F. Chow

PROPERTY

LATITUDE BEARING OF HOLE STARTED

DEPARTURE DIP OF HOLE COMPLETED

ELEVATION DIP TESTS DEPTH Proposed: Ultimate:

D.D.H. No. 75-A71 PAGE 8 of 9

CLAIM No.

N

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec. Ft.	Sample No.	Footage From	Footage To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Feet Pb	Assay x Feet Zn	Assay x Feet Ag
517.5	521.8	QUARTZ - SERICITE PHYLLITE Bleached buff.													
		50% quartzose-feldspar, totally bleached buff with quartz lenses and abundant fuschite and carbonates. Moderately leached.	4.0/ 4.3		517.5	521.8									
		Negligible pyrite.													
		Core Angle: 70°.													
521.8	582.0	QUARTZ - SERICITE - GRAPHITE PHYLLITE WITH SULPHIDES Bleached grayish-white													
		50-60% quartz, 1-3% graphite, 3-7% pyrite, 1.5-7% lead-zinc.													
		Zone totally bleached, core shows rough surface, also numerous leached holes.	6.7	1453	521.8	528.7	6.9	2.33	2.00	.94					
		Rock quartzy but parts readily along foliation. Shearing at 502' and 508', both more or less parallel foliation.	7.3	1454		536.2	7.5	1.85	1.04	.71					
		521.8-528.7' -- 3% pyrite, 7% lead-zinc -544.5' -- 3.5-15% pyrite, 3.5-1.5 % lead-zinc	7.3	1455		544.5	8.3	1.88	1.02	.62					
		-566.5' -- 3-7% pyrite, 4.5-5% lead-zinc -575' -- 4% pyrite, 2.5% lead-zinc	9.1	1456		553.8	9.3	3.45	2.46	1.06			32.085	22.878	9.858
		-580' -- 5% pyrite, 0.3% lead-zinc -582' -- 0.2% pyrite, no lead-zinc	5.4	1457		559.7	5.9	1.35	1.02	.44			7.965	6.018	2.596
		Core Angles: 60 @ 523', 60-65° to 546', 80° @ 547', 40° shear at 552', 75° @ 553-557', 65° @ 558-561, 60° @ 564-571', 65-70° @ 576', 75-80° @ 580-582'.	4.2	1458		566.5	6.8	3.45	1.74	1.03			23.46	11.832	7.004
			5.6	1459		575.0	8.5	.85	1.09	.41					
			4.3/5			580.0		Estimate 0.3% lead-zinc							

DIAMOND DRILL RECORD

LOGGED BY F. Chow

PROPERTY

LATITUDE BEARING OF HOLE STARTED

DEPARTURE DIP OF HOLE COMPLETED

ELEVATION DIP TESTS DEPTH Proposed: Ultimate:

D.D.H. No. 75-A71 PAGE 9 of 9

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
			2/2			582.0		Estimate Nil lead-zinc							
	582.0	END OF HOLE		WT. AV.	528.7	544.5	15.8	2.9	lead-zinc		Weighted Average				
				WT. AV.	544.5	566.5	22.0	2.89	1.85	0.88	(90.3)		63.51	40.728	19.458
		REMARKS 1. Lost water return at 398'.													
		2. Cemented hole from 582' up, used 3 bags of cement.													

DDH: FAGA071 -- 42 DEGREE PROFILE

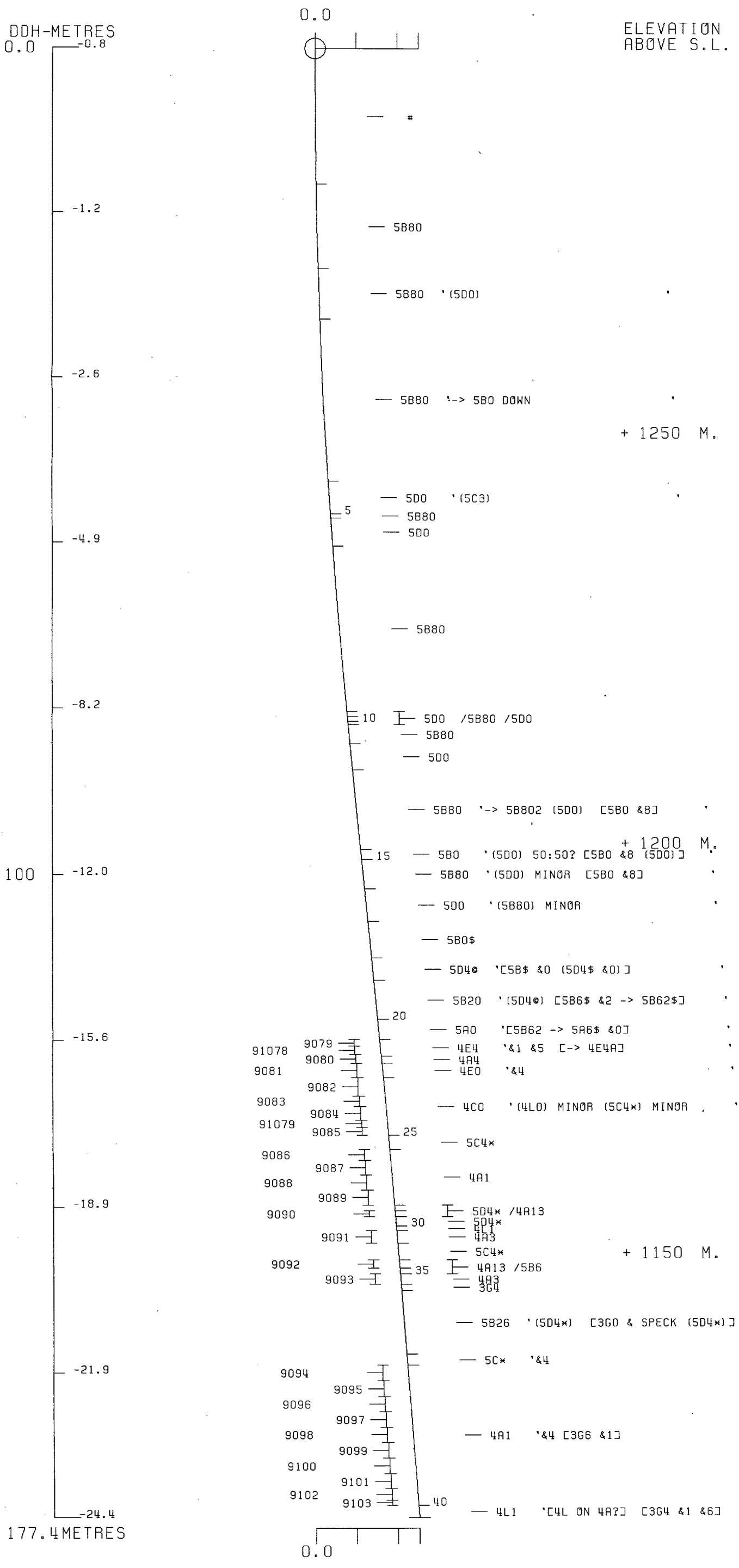
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1297 592300E ; 904990N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 494.6 Z = 1296.9

SECTION NAME: 74W



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 29 OCT 1984 3:26 PM

DDH: FAGA071 -- 42 DEGREE PROFILE

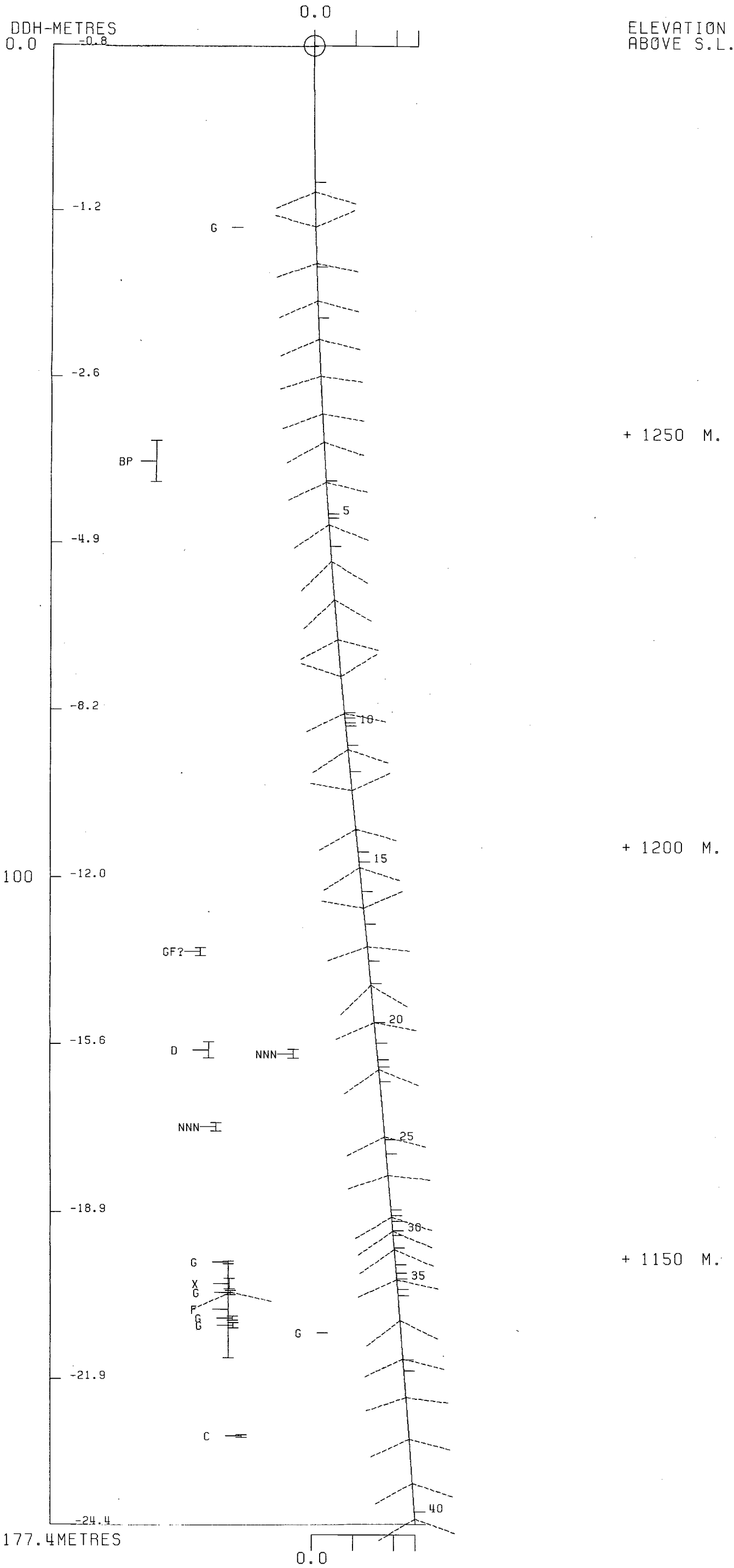
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1297 592300E ; 904990N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 494.6 Z = 1296.9

SECTION NAME: 74W



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 29 OCT 1984 3:23 PM

DRILL HOLE : FAGA073
NORTHING : 905,149.4
EASTING : 592,364.9
ELEVATION : 1,302.2
TOTAL DEPTH : 364.1
SECTION : W 76
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS ORE-SAMPLES:	31
NOS DOWN-H-SURVEYS:	6
NOS DOWN-H-LITHOLOGY:	90
NOS DOWN-H-STRUCTURE:	53
NOS DOWN-H-FAULTS:	48
NOS DOWN-H-SPLINES:	6
NOS COMPOSITES:	0

DDH: FAGA073 UTM-N: 905,149.4 UTM-E: 592,364.9 UTM-ELEV: 1,302.2 TOTAL DEPTH: 364.1 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

----DEPTHS--- FROM	TO	SAMPLE NO.	INT.	REC.	ROCK UNIT	S.G. PULP	CU %	PB %	ZN %	ASSAYS 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.
35.7	36.7	90052	1.0	.5	4A0			.54	1.04		8.90										
36.7	38.4	90053	1.7	1.0	4A0			1.42	2.73		24.30										
38.4	39.3	90054	.9	.6	4A4			1.60	3.41		32.19										
39.3	41.1	90055	1.8	.7	4A4			1.83	4.32		35.29										
41.1	42.7	90056	1.6	.8	4A0			1.37	1.30		27.39										
46.0	46.9	90057	.9	.8	4E4			3.60	9.53		66.50										
61.4	62.9	07200	1.5	1.5	4AL	3.06	.02	2.50	6.09	41.00		.34	3	5	9						
62.9	64.2	07301	1.3	1.3	4AL	2.91	.02	2.39	4.29	41.00		.55	2	2	5						
64.6	66.4	07302	1.8	1.8	4A4	2.89	.04	2.29	4.20	40.00		.55	1	1	3						
66.4	68.3	07303	1.9	1.8	4A4	2.93	.05	2.20	4.59	35.00		.75	1	3	4						
68.3	70.1	07304	1.8	1.8	4A4	2.79	.08	3.20	5.00	51.00		.89	1	6	7						
70.1	71.9	07305	1.8	1.8	4A4	2.93	.04	2.39	5.20	40.00		.89	1	3	4						
71.9	73.8	07306	1.9	1.8	4A4	2.93	.02	1.89	5.40	39.00	39.00	.40	1	2	3						
73.8	75.6	07307	1.8	1.8	4A0	3.08	.05	1.14	2.79	23.00		.47	3	6	9						
75.3	77.1	90058	1.8	1.7	5C3			.34	.41		3.10										
77.1	79.9	90059	2.8	2.7	4E4			8.85	14.92		128.19										
79.9	81.4	90060	1.5	1.5	4D4			4.20	5.28		58.60										
81.4	84.4	90061	3.0	3.0	4D4			3.45	7.32		50.39										
84.4	86.4	90062	2.0	2.0	4D4			4.13	7.29		55.49										
86.4	88.1	90063	1.7	1.7	4D4			1.94	5.75		25.39										
88.9	90.5	90064	1.6	1.2	4A4			2.14	4.86		32.19										
90.5	92.4	90065	1.9	1.8	4A4			2.08	3.47		28.10										
92.4	94.2	90066	1.8	1.8	4A4			5.92	12.58		90.79										
94.2	95.3	90067	1.1	.7	4A4			2.77	5.16		44.20										
95.3	97.4	90068	2.1	.9	4A4			2.93	7.67		46.29										
98.6	99.5	90069	.9	.4	5C@4			.99	4.25		18.19										
100.1	100.6	90070	.5	.5	5C@4			2.39	7.01		39.39										
100.6	103.5	90071	2.9	2.9	4D4			5.83	10.44		88.79										
299.1	301.3	07308	2.2	2.2	4AL	3.12	.07	1.85	4.29	30.99		.55	2	5	8						
301.3	302.8	07309	1.5	1.5	4G4#	4.21	.04	6.40	8.10	97.00		1.43	1	15	16						
302.8	304.5	07310	1.7	1.3	4ELC	3.79	.16	4.20	5.79	65.00		1.85	2	20	23						
WEIGHTED AVERAGE																					
35.7	42.7		7.0	3.6				1.41	2.65		26.65										
46.0	46.9		.9	.8				3.60	9.53		66.50										
61.4	64.2		2.8	2.8		2.99	.02	2.45	5.26	41.00		.43	3	4	7						
64.6	75.6		11.0	10.8		2.92	.05	2.18	4.54	37.98	6.73	.65	1	4	5						
75.3	88.1		12.8	12.6				4.19	7.56		59.20										
88.9	97.4		8.5	6.4				3.20	6.92		48.72										
98.6	99.5		.9	.4				.99	4.25		18.19										
100.1	103.5		3.4	3.4				5.33	9.94		81.53										
299.1	304.5		5.4	5.0		3.63	.09	3.85	5.82	60.03		1.20	2	13	15						

DDH: FAGA073 UTM-N: 905,149.4 UTM-E: 592,364.9 UTM-ELEV: 1,302.2 TOTAL DEPTH: 364.1 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

----DEPTHS--- FROM	TO	SAMPLE NO.	INT. REC.	ROCK UNIT	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.

DDH: FAGA073 UTM-N: 905,149.4 UTM-E: 592,364.9 UTM-ELEV: 1,302.2 TOTAL DEPTH: 364.1 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
64.600	179.000	102.000
122.500	180.000	91.500
183.500	163.000	95.500
244.400	161.000	106.500
305.400	159.000	99.900

DDH: FAGA073 UTM-N: 905,149.4 UTM-E: 592,364.9 UTM-ELEV: 1,302.2 TOTAL DEPTH: 364.1 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
33.5	0001	#		0.5-	1
35.7	0002	5B6$	&0	0.5-	1
36.7	0003	4D0	(4E1 BXA)(5D4*) 40:40:20	0.5-	1
42.7	0004	4A0	&4	0.5-	1
44.3	0005	5B6$	.	0.5-	1
48.9	0006	5C4*	(5D4*) (4E4 BXA)	0.5-	1
57.9	0007	5B62	&$ &9 &4 -> 5A6	0.5-	1
58.2	0008	5A19	[4C8]	0.5-	1
61.4	0009	5C$	(5D$)	0.5-	1
62.0	0010	4L4	-> 4LC	0.5-	1
63.2	0011	4A0		0.5-	1
64.2	0012	4L4		0.5-	1
64.6	0013	5C3	-> 5C@4	0.5-	1
75.6	0014	4A4	(4A0) E.O.I.	0.5-	1
77.1	0015	5C3	-> 5C@4 SOME NO CORE	0.5-	1
79.6	0016	4E4	&POROUS NO CORE	0.5-	1
89.2	0017	4D4	NO CORE	0.5-	1
97.7	0018	4A4	(5D*) MINOR NO CORE	0.5-	1
100.6	0019	5D4*		0.5-	1
103.5	0020	4D4	-> 4L4 (5D4*)SOME JUMBLED CORE	0.5-	1
103.8	0021	5B26		0.5-	1
104.7	0022	10C0	&*	0.5-	1
106.6	0023	5B26		0.5-	1
120.9	0024	5B6		0.5-	1
121.9	0025	5B8$	.	0.5-	1
122.4	0026	5C$		0.5-	1
126.2	0027	5B80	.	0.5-	1
126.9	0028	5D0	&$	0.5-	1
129.1	0029	5B80	.	0.5-	1
130.8	0030	5D0	&$	0.5-	1
132.1	0031	5C$		0.5-	1
132.5	0032	5B62	BXA	0.5-	1
132.7	0033	5C$		0.5-	1
132.9	0034	5B6		0.5-	1
133.2	0035	5DC		0.5-	1
134.3	0036	5A0	&$ -> 5B62	0.5-	1
134.9	0037	5B80	-> 5D0	0.5-	1
135.0	0038	5DC		0.5-	1
135.9	0039	5B80	-> 5D0	0.5-	1
137.2	0040	5A$	-> 5A0 LOCALLY	0.5-	1
137.4	0041	5B86	.	0.5-	1
138.4	0042	5C$		0.5-	1
141.3	0043	5B86$	&3 -> 5D6&0	0.5-	1
142.7	0044	5C3		0.5-	1
143.1	0045	5DC		0.5-	1
148.3	0046	5B26	&$ MINOR(5D0)MINOR(5C$)V.MINOR	0.5-	1
153.0	0047	5B26	&$ MINOR(5D6)MINOR(5C$)V.MINOR	0.5-	1
155.3	0048	5C$		0.5-	1
171.1	0049	5B23	&0 -> 5A0	0.5-	1
183.0	0050	5B6	&$ MINOR &# V. MINOR	0.5-	1
188.8	0051	5B6	&$ (5D$) 65:35	0.5-	1

DDH: FAGA073 UTM-N: 905,149.4 UTM-E: 592,364.9 UTM-ELEV: 1,302.2 TOTAL DEPTH: 364.1 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
194.6	0052	5B6	&$ V. MINOR	0.5-	1
202.7	0053	5D$	&0 (5B6$ &0 MINOR)	0.5-	1
216.9	0054	5B6	[3G0]	0.5-	1
217.9	0055	5D3	[5D0]	0.5-	1
225.9	0056	5B6	&2 MINOR	0.5-	1
226.2	0057	5B62	GOUGE	0.5-	1
228.0	0058	4L24	-> 3G46	0.5-	1
236.3	0059	3G0	.	0.5-	1
239.3	0060	3G4	STRINGER - WEAK	0.5-	1
242.7	0061	4LC	&1 &2 &7 STRINGER	0.5-	1
243.3	0062	5B64	[3G4]	0.5-	1
246.0	0063	3G0	[5B6]	0.5-	1
250.2	0064	4L#	&$ -> 3G48 STRINGER	0.5-	1
268.1	0065	3G48	STRINGER (3B3 BIO)	0.5-	1
271.2	0066	4L07	STRINGER	0.5-	1
274.2	0067	3G48	.	0.5-	1
276.9	0068	4L76	-> 3G48 STRINGER	0.5-	1
284.4	0069	3G0	&8 STRINGER - WEAK	0.5-	1
290.9	0070	3G48	STRINGER - WEAK [4L6]	0.5-	1
293.7	0071	4L02	-> 3G4 LOCALLY	0.5-	1
296.1	0072	3G0	[5B6]	0.5-	1
299.1	0073	4L0	&2	0.5-	1
300.9	0074	4A0		0.5-	1
301.3	0075	4L3		0.5-	1
302.8	0076	4G4#	(4E4 POROUS) MINOR	0.5-	1
303.3	0077	4E4#	POROUS	0.5-	1
303.6	0078	4L03		0.5-	1
304.5	0079	4E0	(4C0) BXA	0.5-	1
305.0	0080	4L0	GOUGE	0.5-	1
316.1	0081	4LC2	-> 3G STRINGER	0.5-	1
321.0	0082	3GC	-> 3G4 E.O.I.	0.5-	1
336.2	0083	3G0	&9	0.5-	1
344.2	0084	3G91	(3D) BIO	0.5-	1
352.0	0085	3D	(5C)HORNFELSED? 3I? MYLONITE?	0.5-	1
352.7	0086	3G91		0.5-	1
354.7	0087	5CD	HORNFELSED? 3D? MYLONITE?	0.5-	1
360.9	0088	3G91	&6	0.5-	1
362.0	0089	5C$	(3C$)	0.5-	1
364.2	0090	3G0	(10Q0)	0.5-	1

DDH: FAGA073 UTM-N: 905,149.4 UTM-E: 592,364.9 UTM-ELEV: 1,302.2 TOTAL DEPTH: 364.1 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	S0 DIRECT	S1 ANGLE	S1 DIRECT	S2 ANGLE	S2 DIRECT	RFE CDE	DHDC	SDC	PROCESS
FAGA073	0.0	33.8	CS2		0	0	0	0	60	230	C	1	1	1
FAGA073	0.0	39.9	CS2		0	0	0	0	55	230	C	1	1	1
FAGA073	0.0	46.0	CS2		0	0	0	0	35	230	C	1	1	1
FAGA073	0.0	53.6	CS2		0	0	0	0	60	230	C	1	1	1
FAGA073	0.0	60.7	CS2		0	0	0	0	75	230	C	1	1	1
FAGA073	0.0	66.1	CS2		0	0	0	0	60	230	C	1	1	1
FAGA073	0.0	72.1	CS2		0	0	0	0	65	230	C	1	1	1
FAGA073	0.0	81.1	CS2		0	0	0	0	75	230	C	1	1	1
FAGA073	0.0	91.0	CS2		0	0	0	0	60	230	C	1	1	1
FAGA073	0.0	97.8	CS2		0	0	0	0	80	230	C	1	1	1
FAGA073	0.0	105.0	CS2		0	0	0	0	40	230	C	1	1	1
FAGA073	0.0	112.4	CS2		0	0	0	0	65	230	C	1	1	1
FAGA073	0.0	117.6	CS2		0	0	0	0	80	230	C	1	1	1
FAGA073	0.0	123.7	CS2		0	0	0	0	75	230	C	1	1	1
FAGA073	0.0	129.2	CS2		0	0	0	0	80	230	C	1	1	1
FAGA073	0.0	136.5	CS2		0	0	0	0	75	230	C	1	1	1
FAGA073	0.0	142.3	CS2		0	0	0	0	70	230	C	1	1	1
FAGA073	0.0	148.6	CS2		0	0	0	0	85	230	C	1	1	1
FAGA073	0.0	155.8	CS2		0	0	0	0	70	230	C	1	1	1
FAGA073	0.0	160.5	CS2		0	0	0	0	75	230	C	1	1	1
FAGA073	0.0	166.7	CS2		0	0	0	0	72	230	C	1	1	1
FAGA073	0.0	173.4	CS2		0	0	0	0	78	230	C	1	1	1
FAGA073	0.0	179.5	CS2		0	0	0	0	70	230	C	1	1	1
FAGA073	0.0	186.8	CS2		0	0	0	0	75	230	C	1	1	1
FAGA073	0.0	192.6	CS2		0	0	0	0	60	230	C	1	1	1
FAGA073	0.0	197.5	CS2		0	0	0	0	70	230	C	1	1	1
FAGA073	0.0	206.7	PS2		0	0	0	0	60	230	C	1	1	1
FAGA073	0.0	213.1	PS2		0	0	0	0	70	230	C	1	1	1
FAGA073	0.0	218.6	PS2		0	0	0	0	70	230	C	1	1	1
FAGA073	0.0	224.6	PS2		0	0	0	0	64	230	C	1	1	1
FAGA073	0.0	230.4	PS2		0	0	0	0	70	230	C	1	1	1
FAGA073	0.0	235.9	CS2		0	0	0	0	85	230	C	1	1	1
FAGA073	0.0	242.0	CS2		0	0	0	0	78	230	C	1	1	1
FAGA073	0.0	248.4	CS2		0	0	0	0	82	230	C	1	1	1
FAGA073	0.0	254.5	PS2		0	0	0	0	73	230	C	1	1	1
FAGA073	0.0	260.6	CS2		0	0	0	0	70	230	C	1	1	1
FAGA073	0.0	266.9	CS2		0	0	0	0	75	230	C	1	1	1
FAGA073	0.0	272.9	CS2		0	0	0	0	70	230	C	1	1	1
FAGA073	0.0	279.7	CS2		0	0	0	0	70	230	C	1	1	1
FAGA073	0.0	285.8	CS2		0	0	0	0	68	230	C	1	1	1
FAGA073	0.0	291.9	CS2		0	0	0	0	70	230	C	1	1	1
FAGA073	0.0	298.1	CS2		0	0	0	0	70	230	C	1	1	1
FAGA073	0.0	307.1	PS2		0	0	0	0	72	230	C	1	1	1
FAGA073	0.0	313.0	PS2		0	0	0	0	73	230	C	1	1	1
FAGA073	0.0	317.8	PS2		0	0	0	0	68	230	C	1	1	1
FAGA073	0.0	324.0	PS2		0	0	0	0	77	230	C	1	1	1
FAGA073	0.0	331.5	PS2		0	0	0	0	65	230	C	1	1	1
FAGA073	0.0	336.2	PS2		0	0	0	0	68	230	C	1	1	1
FAGA073	0.0	341.4	PS2		0	0	0	0	60	230	C	1	1	1
FAGA073	0.0	347.5	PS2		0	0	0	0	50	230	C	1	1	1
FAGA073	0.0	353.0	PS2		0	0	0	0	65	230	C	1	1	1

DDH: FAGA073 UTM-N: 905,149.4 UTM-E: 592,364.9 UTM-ELEV: 1,302.2 TOTAL DEPTH: 364.1 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	S0 DIRECT	S1 ANGLE	S1 DIRECT	S2 ANGLE	S2 DIRECT	RFE CDE	DHDC	SDC	PROCESS
FAGA073	0.0	358.4	PS2		0	0	0	0	69	230	C	1	1	1
FAGA073	0.0	363.6	PS2		0	0	0	0	58	230	0	1	1	1

DDH: FAGA073 UTM-N: 905,149.4 UTM-E: 592,364.9 UTM-ELEV: 1,302.2 TOTAL DEPTH: 364.1 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	REC CD	PARLL	UPPER PLANE		INTERNAL PLANE		LOWER PLANE		DHD
FAGA073	35.5	36.7	XD?			0	0	0	0	0	0	1
FAGA073	46.0	47.2	XD?			0	0	0	0	0	0	1
FAGA073	44.3	48.9	SF			0	0	0	0	0	0	1
FAGA073	75.7	103.5	NNN			0	0	0	0	0	0	1
FAGA073	104.7	105.9	GB			99	999	50	50	0	0	1
FAGA073	106.6	106.9	GB			0	0	0	0	0	0	1
FAGA073	112.5	114.3	M			0	0	0	0	0	0	1
FAGA073	0.0	130.3	G			0	0	30	0	0	0	1
FAGA073	129.6	130.7	BG			0	0	0	0	0	0	1
FAGA073	132.0	132.5	X			0	0	30	0	0	0	1
FAGA073	0.0	163.6	G			0	0	0	0	0	0	1
FAGA073	160.6	164.2	B	5		0	0	0	0	0	0	1
FAGA073	172.5	173.7	BR			0	0	0	0	0	0	1
FAGA073	176.8	177.4	BR			0	0	0	0	0	0	1
FAGA073	181.1	182.3	MNP			0	0	0	0	0	0	1
FAGA073	180.7	183.0	BR			0	0	0	0	0	0	1
FAGA073	0.0	192.6	G			0	0	99	999	0	0	1
FAGA073	189.9	194.6	B1G			0	0	0	0	0	0	1
FAGA073	199.9	200.9	BR			0	0	0	0	0	0	1
FAGA073	201.7	202.3	GB			0	0	0	0	0	0	1
FAGA073	225.8	226.1	GF			99	999	0	0	99	999	1
FAGA073	226.1	227.9	B	8		0	0	0	0	0	0	1
FAGA073	0.0	229.8	G			0	0	99	999	0	0	1
FAGA073	231.3	233.1	1BG			0	0	0	0	0	0	1
FAGA073	0.0	245.5	G			0	0	70	180	0	0	1
FAGA073	0.0	245.7	G			0	0	70	180	0	0	1
FAGA073	252.9	252.9	G			0	0	99	999	0	0	1
FAGA073	0.0	275.3	G			0	0	0	0	0	0	1
FAGA073	280.9	281.3	B			0	0	0	0	0	0	1
FAGA073	282.3	282.7	B			0	0	0	0	0	0	1
FAGA073	293.6	293.7	G			0	0	0	0	0	0	1
FAGA073	293.7	293.8	B			0	0	0	0	0	0	1
FAGA073	296.0	299.3	1X			0	0	0	0	0	0	1
FAGA073	303.5	304.4	X			0	0	0	0	0	0	1
FAGA073	304.4	304.9	GB			0	0	45	0	0	0	1
FAGA073	0.0	306.9	G			0	0	0	0	0	0	1
FAGA073	316.0	316.0	B1G			0	0	99	999	0	0	1
FAGA073	317.9	320.9	GBP	7		99	999	99	999	0	0	1
FAGA073	328.8	329.0	G			0	0	99	999	0	0	1
FAGA073	331.2	331.3	G			0	0	0	0	0	0	1
FAGA073	328.5	331.3	GB	4		0	0	0	0	0	0	1
FAGA073	335.3	336.1	B			0	0	0	0	0	0	1
FAGA073	336.1	344.1	BP	6		0	0	0	0	0	0	1
FAGA073	344.2	352.0	F?			0	0	0	0	0	0	1
FAGA073	352.7	354.7	F?			0	0	0	0	0	0	1
FAGA073	360.9	362.0	F?			0	0	0	0	0	0	1
FAGA073	362.0	362.1	G			0	0	0	0	0	0	1
FAGA073	362.0	364.2	BP	6		0	0	0	0	0	0	1

DDH: FAGA073 UTM-N: 905,149.4 UTM-E: 592,364.9 UTM-ELEV: 1,302.2 TOTAL DEPTH: 364.1 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGA073	1	2
FAGA073	2	2
FAGA073	3	2
FAGA073	4	2
FAGA073	5	2
FAGA073	6	1

CYPRUS ANVIL MINING CORPORATION Page 1 of 13

DIAMOND DRILL CORE LOG Date: 10 July, 1981

Hole Number: FAGA073

Project: Grum Relog

Location: F-6 Orthophoto (105K-6)

Claim:

Terr.Plane Co-ords.: 6905149.4 N N

1979 HIW Survey: 592364.9 E E

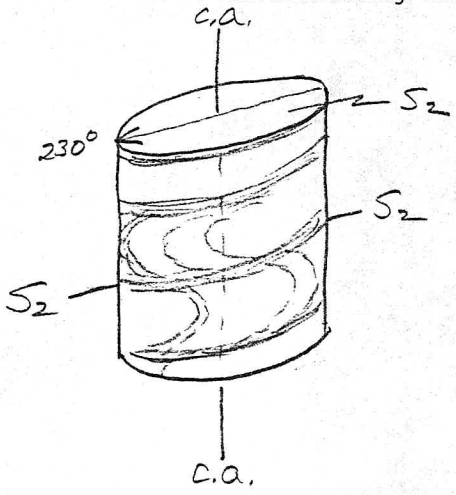
Grid Co-ords: 75+88W

9+25N

1979 HIW Survey Elevation: 1302.2 M

Total Depth: 1195 ft (364.24m)

Reference Fabric Orientation Diagram:



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

Purpose: Definition drill - Grum Deposit

Reason hole Terminated: Thru Sulfides into Lost Core Zone

Logged by: DSJ Date(s) Logged: June-July 1981

Drilling Contractor: Cameron McCutcheon

Size	CORE From	To
BQ	110	1195

Collar Cased and Capped: No

Hole Cemented: Yes (12 bags 1195' up)

Steel down hole: No

Started: 7, May, 1975 Completed: 15, May, 1975

Cyprus Anvil Mining Corp.
Diamond Drill Core Log

DDH FAGA073
(2 — 8)

Code	Drillhole	Elevation	Northing	Easting	Comments
	2 — 8	10 — 16	17 — 24	25 — 32	34 — 48
T	FAGA073	1302.2	9051491.4	5923641.9	FEET

FEET

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
	2 — 8	10 — 14	22 — 26	28 — 32	34 — 56
R	FAGA073	0	180.0	0.0	ATCOLLAR
R	FAGA073	212.0	179.0	102.0	TROPARI
R	FAGA073	402.0	180.0	91.5	
R	FAGA073	602.0	163.0	95.5	
R	FAGA073	802.0	161.0	106.5	
R	FAGA073	1002.0	159.0	99.9	
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

See 1983 re-log

DDH F.A.G.A.0.7.3. (2 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: _____ Logged By: GST

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	0000	1600		1	#	Overburden
L	1600	1770		2	5B6	Qtz-ser phyll., m. gray
L	1770	1900		3	4A0	Qtz-graph-ser. phyll. w/ sulfs 1.5-6% comb.
L	1900	1955		4	4L0	Qtz-ser-phyll., alt'd, lt. gy & buff
L	1955	2005		5	5C*H	Shear & fault zone in bleached, buff qtz-ser. phyll gouge & much fuchsite present, 2 segments PbS/ZnS
L	2005	2075		6	5B6	Qtz-ser. phyll., lt. → m. gy
L	2075	2100		7	5A6	→ 4A0; most of interval missing but 178.4 to 190.0 as 5A6; KA ⇒ minor 4A0 180.0-190.2 but this is just approaching true 4A0
						no assays completed
L	2100	2140		8	5A19	no visible PbS/ZnS, much py
L	2140	2015		9	5C*	dolomitic; questionable whether this really 5C originally but so logged in conformity w/ existing data
L	2015	2035		10	4L4	to 4LC
L	2035	2075		11	4A0	
L	2075	2107		12	4L4	
L	2107	2120		13	5C3	c.f. unit 9 only calcitic
L	2120	2479		14	4A04	(HADICO) → 5C*4
L	2479	2530		15	5C3	buff, ankeritic, much fuchsite, v. fissile in first 0.5' (per KA log) then qtz-chlor-ser. phyll. i.e. 5C
L	2530	2613		16	4E4	mass. Pb/Zn rich sulfides & minor porous sulfides
L	2613	2925		17	4A04	
L	2925	3205		18	4A04	→ 4A4 see assays
L	3205	3302		19	5C*4	ankeritic w/ minor fuchsite mottles (most preserved)
L	3302	3397		20	4A4	→ 4L4 from remnant gimbled core
L	3397	3404		21	5B26	
L	3404	3436		22	000	gouge (0.4') ≈ 11 S2 ?? (drilling artifact?) @ 343.6
L	3436	3499		23	5B26	gouge & broken core 343.6-347.5'; one gouge zone @ 50° to c.a. along 280° assuming S2 @ 230° (thus would be an "internal" gouge zone attitude)
L	3499	3968		24	5B6	gouge & broken core 349.9-350.9 (no attitudes possible)
L	3968	3999		25	5FG	→ 5B8; probable banded metatuffs assoc. w/ 5C unfold

All from KA log by F. Chow and D. Cox → 1981 log (as noted, most of this interval missing)

& correlations from KA log 248.4' - 339.7' missing

DDH FAGA073 (2 . 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: _____ Logged By: DSJ

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	13999	14101 5		26	5C*	ankeritic/dolomitic
L	14101 5	14139		27	5F3	banded metatuffs assoc'd w/ 5C i.e. "5D Gold"
L	14139	14164		28	5D3	w/ sharp up-hole and gradational (2") down hole contacts
L	14164	14237		29	5F3 →	5F6 ankeritic
L	14237	14290		30	5D3	broken core & gouge 425.5-429.0'; gouge @ 427.7 ≈ 11 S_2 ?? (drilling artifact??); gouge same dip direct as S_2 but steeper w/ 30° to c.a. along 230° (assum. S_2 DLA = 230°)
L	14290	14333		31	5C*	ankeritic
L	14333	14348		32	5B6/2	v/v/a healed by dolomite (?) @ 30° to c.a. 230°
L	14348	14355		33	5C*	dolomitic
L	14355	14361		34	5B6	
L	14361	14370		35	5D3	
L	14370	14405		36	5B3/2	
L	14405	14425		37	5F3 →	5FD3 } all 5D3??
L	14425	14430		38	5D3	
L	14430	14460		39	5F3 →	5FD3
L	14460	14500		40	5A6/3 →	5A6/3; patchily & wkly calcareous
L	14500	14507		41	5F6	
L	14507	14542		42	C*	dolomitic
L	14542	14635		43	5F6/3 →	5FD6/3 variably calc.; can't tell whether 5D or 5F tuffs assoc. w/ 5C
L	14635	14682		44	5C3	
L	14682	14695		45	5D3	
L	14695	14865		46	5A3	w/ minor 5D3 & v. minor 5C* dol. interbanded
L	14865	15020		47	5A6	" " 5D6 " " " " "
L	15020	15095		48	5C*	dolomitic
L	15095	15612		49	5A3/6	broken core no gouge 527-539'; ~~5A3 → 5A6~~
L	15612	16010 5		50	5B6	non-calcareous
L	16010 5	16195		51	5B6 →	5B6 $FeMgCO_3$, not true CO_2; minor 5D* ankeritic
L	16195	16384		52	5B6	non-calcareous; gouge ≈ 11 S_2 @ 632' (drilling artifact?)
L	16384	16650		53	5F3 →	5FD3; not great "5D", wkly banded & more pelitic c.f. 5F ≡ 5D field w/ 5C
L	16650	17116		54	5B6/3	patchily but distinctly calcareous in 5% & 100% HCl

gouge @ 537 @ 5' core has 1cm broken zone

gouge & broken core 662-672 ≈ gouge ≈ 11 S_2 ?? art. fact?

DDH FAG.A073 (2 8) Cyprus Anvil Mining Corp. Page 5 of 13

Lithologic Log Date: _____ Logged By: [illegible]

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	711 6	714 8		55	5ND3	
L	714 8	741 0		56	5B3G2	var. calc.; best put in EOV
L	741 0	742 0		57	5B3G2	gouge w/ upper & lower contacts ≈ 115₂ ?? (drilling artifact??); major fault zone
L	742 0	748 0		58	4L04	both mud & base metal-bearing in interval core broken over interval w/ ≈ 5' rec. in 6'
L	748 0	775 4		59	5B6A0	w/ minor 5B0; prominent .3' gouge @ 754 ≈ 11 S₂ ??; numerous minor gouge & broken core intervals ≈ 115₂ ?? 759-765'
L	775 4	785 2		60	5B6H	
L	785 2	796 3		601	4L0	
L	796 3	798 2		602	5B6H3	wkly & patchily calc. in 5%
L	798 2	807 1		603	5B6B3	" " " " " "; gouge @ 805.6 @ 70° along 050 if S₂ = 230 i.e. opposite dip to S₂; same @ 806.3 for ½" gouge
L	807 1	820 8		64	4L5	v. calcareous in 5% HCl
L	820 8	879 7		65	4L6B3	wkly calcareous over entire interval; 5F3 or 5D3 likely protolith; minor select 5C* @ 828.7'; 1" gouge ≈ 115₂ ?? (drilling artifact) 829.8-829.9'; possible alt EOV
L	879 7	889 6		66	4L07	non-calc. in 5%; 4L7 subordinate
L	889 6	899 5		67	5B6	→ 39; non-calc. in 5%
L	899 5	908 4		68	4L75	→ 40; wkly calc " " over interval 1" gouge of ≈ 115₂ ?? character (drilling artifact) @ 903.5'
L	908 4	954 5		69	5B6	→ 35; v. minor calc. patches (5%) over interval; from 742' to this point abs. look most like HEmm despite coarse wkly calc. character broken core 921.8-923 and 926.3-927.7
L	954 5	963 5		70	4L05	→ 45; wkly. calc. in 5%
L	963 5	971 3		71	5B63	wkly calc. only, not good 5B0; gouge ≈ 11 S₂ ?? 963.5-963.7 w/ broken core to 964'
L	971 3	981 2		72	4L0	
L	981 2	987 2		73	4L0	
L	987 2	988 6		74	4L3	
L	988 6	993 5		75	4L4*	calcite w/ minor porous 4EL bands

mubig RT

EOV

HEmm

DDH FAG A073 (2–8) Cyprus Anvil Mining Corp. Page 6 of 13

Lithologic Log Date: _____ Logged By: DSF

Code	From	To	Recov.	No.	Unit	Description
1	10–14	16–20	22–24	26–28	30–34	35
L	99350	99500		76	4E4*	calcitic and porous } all split, no rec. poss. from core in present state
L	99500	99599		77	4L03	
L	99599	99900		78	4EC	brecciated
L	99900	100006		79	4L40	gouge and broken core; brecciated gouge & fractured core ≈ 11S2, core has "fish scaled" appearance over interval; one internal gouge/fault surface ≈ 45° to c.a. along 230° i.e. steeper but same direction as S2
L	100006	103700		80	4L05	patchily calc.; 1" gouge @ 1007, no attitudes possible; broken core & incipient gouge ≈ 11S2 1036.8–1037.0
L	103700	105300		81	5B64	intensively alt'd; gouge and broken core 1043.2–1053 inclusive; gouge @ 1043.2 ≈ 11S2 ?? (artefact?), gouge @ 1053 indeterminate; heavy gouge between these bounding surfaces appears largely ≈ 11S2 N.B. This is a major fault zone 7.5 ft. core rec'd over 1043.2–1053.
L	105300	110300		82	5B62	→ 369; gouge ≈ 11S2 ?? (artefact) 1079.0–1079.5'; gouge 1086.7–1087 indeterminate gouge & broken core 1078.0–1087.0 w/ ≈ 4' core rec'd over interval; broken core 1100.3–1103.0' no gouge zone attitudes poss.
L	110300	113947		83	5FA61	entire interval shows broken core, all no gouge zones preserved; all footage markers faded — can't pinpoint broken core zones ≈ 18' rec'd over 26' interval
L	112947	115500		84	3I	sequence of m. olive to med. green and maroon, finely to laminarly banded w. siliceous non-calc metasediments to tuffaceous metasediments; not meta-basites/metavolcs. — has too siliceous; unit termed 3I for lack of better term
		In this Plate Believe Fault	Split of			
L	115500	115730		85	FA61	as unit 82
L	115730	116380		86	3I	as unit 83
L	116380	118410		87	FA61	as units 82 & 84

C.A.M.C. 1981 – E-3

DDH EAGA073 (2–8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: _____ Logged By: DSF

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	1187.4	1187.7		88	3FG	white ~~gtites~~ (non-calc.) c.f. massive ~~gtite~~ in units 83 & 85, get feeling "gtites" could be a foliated gty-andalusite vein; 3G* is aphanitic
L	1187.7	1195.0		89	3GO	interval of broken core; gouge 1187.7 to at least 1188.0 no attitudes possible) Cold log no help either) ; ~5' lost out interval

C.A.M.C. 1981 – E-3

Downhole distances approximate

1983 Notes

DDH F.A.G.A.0.7.3. (2 — 8)

Cyprus Anvil Mining Corp.

Page 3 of _____

Lithologic Log Date: 7/29/83 Logged By: GAJ / LCP

FEET	Code	From	To	Recov.	No.	Unit	Description
	1	10 14	16 20	22 24	26 28	30 34	35
33.8 - 35.5	L	1 1 8 1 9 0	1 1 1 6 5		0 1 0 1 1	1 5 B 1 6 1 $	± O
36.7		1 1 1 6 5	1 1 2 1 0 5		0 1 0 1 2	1 4 D 1 0 1	(4E1 microbx) (5D4*) 40:40:20
42.7			1 1 4 1 0 0		0 1 0 1 3	1 4 A 1 0 1	±4
44.0			1 1 4 1 4 5		0 1 0 1 4	1 5 B 1 6 1 $	
48.8			1 1 6 1 0 0		0 1 0 1 5	1 5 C 1 4 1 *	(5D4*)(4E44 microbx) - 151 to 155 feet
57.9			1 1 9 1 0 6			1 5 B 1 6 1 2	→ 5A6 (especially 178-183) ± $ (very minor) ± anhydrite ?! ± 9 ± 7 (minor)
58.2			1 1 9 1 1			1 4 C 1 8 1	Chloritic, Finely laminated PSZ foliated, med.-dark green, hard, gth-chlorite-magnetite-pyrite rock. Possible 5D-exhalative sulfide combination.
61.1			1 2 0 1 0 4			1 5 C 1 $ 1	(5D$) $ minor. undifferentiated 5C-5D
90.2			1 2 1 9 1 6				No core
97.8			1 3 1 2 1 1			1 4 A 1 0	±4 → 4C0 near 5D* minor 5D* as several 10-20cm bands Note - much missing core
100.0			1 3 1 2 1 8			1 5 D 1 4 1 *	
103.6			1 3 1 4 1 0				Missing core Sections of 4D3, 4D0, 5D4*
104.9			1 3 1 4 1 4			1 1 0 1 0 1	± *

DDH FAGA073 (2–8) Cyprus Anvil Mining Corp. Page 4 of _____

Lithologic Log Date: 7/28/83 Logged By: GAJ / LCP

	Code	From	To	Recov.	No.	Unit	Description
	1	10–14	16–20	22–24	26–28	30–34	35
121.0		1314	1319			5B16	±2
							T.O.I. to 350 ft core rubbly & broken w/ 10Q0 intervals
							No sulfide gorphyroblasts Good microlithon texture
							±2 component mainly above 365 ft.
							Slight green tinge in lower half of unit
							Core intact below 350. 369–375' have mislatch
133.2	L		1317			5B18$	±0 (5D0±$)(5C$)
							5C mainly below 430
							5B8 previously logged as 5F6@ & 5F3
							Generally green sections
							425–430 core broken & rubbly /minor gouge/ not a significant fault
137.3			1405			5A10	±$ → 5B62 (5D)
							Mixed zone with main green being 5D
143.3			1410			5C	(5D)
							Interbedded 5CD
155.3			1501			5B12	±$ minor → 5A6 (5C$)(5D6±$)
							(5B):(5CD) = 70:30
							Good lithons in 5B/5A
170.7			1506			5B2$	±0 → 5A in sections 5–10cm thick
							Fairly hard locally has pyrite stringers
							Grades locally to 5B62@
							lower contact gradational over 1–2 rows and perhaps interbedded
183.0			1600			5B16	±$ minor ± # very minor
							Good lithon structure, well-laminated with qtz carbonate siltstone bands

527–540 broken/run 60% recovery inlet

C.A.M.C. 1981 – E-3

546–570 broken & rubbly / No gouge

580–582 broken & rubbly / no gouge

593–600.5 broken & rubbly

594–595 mislatch

DDH F,A,G,A,0,7,3, (2–8) Cyprus Anvil Mining Corp. Page 5 of ___

Lithologic Log Date: 7/28/83 Logged By: GAJ/LCP

	Code	From	To	Recov.	No.	Unit	Description
	1	10–14	16–20	22–24	26–28	30–34	35
188.7			161190			15B16	±$ (5D$) 65:35 Good lithon structure / finely laminated
194.6			163185			15B16	±$ very minor As above – Not as well developed lithon structure. 623–638.5 core broken w/ local gouge & rubble gouge indet. – mainly @ 632 ft.
203.0			16166			15D$1	±0 (5B6$ ±0 minor) Interbeds of 5B in 5D T.O.I → 656 Core OK 656 → 659 Core broken & rubbly 662 → 664 Rubble & minor gouge (indet)
216.7	L		17111			15B16	[3G0] With locally well developed gtz. siltstone laminae & lithons. No dolomite noted
217.9			17115			15D31	[5D0]
225.9			17141			15B16	±2 minor Locally developed gtz. ss. lithons
226.5			17143			15B1612	Gouge Dark grey gouge – Possible major fault
228.0			17148			1H1214	Transitional to 3G46 Broken w/ minor indet. gouge
236.2			17175			13G01	Moderately broken
239.3			17815			13G41	Very weakly stringered. Slightly bleached lower contact gradational to 41

C.A.M.C. 1981 – E-3

last ½ has green tinge because losing carbon grey

Unit similar to 3G stringered – but no chlorite in stringers

DDH FAGA073 (2 / 8) Cyprus Anvil Mining Corp. Page 6 of _____

Lithologic Log Date: 7/29/83 Logged By: GAS/LCP

	Code	From	To	Recov.	No.	Unit	Description
	1	10 14	16 20	22 24	26 28	30 34	35
242.6			17916			14L101	±1 ±2 ±7
							Pyrite & po as stringers — minor chlorite associated with stringers Creamy green tinge to S_2 folia
							looks to be derived from adjacent rock units
246.0	L		18017			13G19	
							Small indet gouge @ 805-807 — steeper than S_2 30-45° minor fault
							Good grey, noncalcareous phyllite
250.2			18121			14L1	→ 3G48 or vice versa
							± ∮ ± #
							locally has chlorite dark to pale green striping
							Stringers of py. Only locally white to cream.
							Core intact
268.2			18810			13G418	Stringered 3G which is overall pale to medium green Good po stringers.
							Small intervals of 3B3 — biotitic/calcareous after 5D.
							lower part of interval has biotite schlieren to po stringers
							Unit intact
271.3			18910			14L40	Gradational upper & lower contacts.
							Overall greenish cream color with light green/cream S_2 folia. Still clearly has stringer texture. Not as much po in stringers
274.2			19010			13G418	
							Noncalcareous. Distinctly green/grey on S_2 folia
							No stringers. Intact

Altered 3G.

C.A.M.C. 1981 – E-3

DDH F.A.G.A.0.7.3. (2 / 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: 7/28/83 Logged By: GAN/LCP

	Code	From	To	Recov.	No.	Unit	Description
	1	10 14	16 20	22 24	26 28	30 34	35
277.1			19019			14L716	→ 3648
							Pale greens to cream color Center of interval
							transitional to 3648 Contains po stringers
							No fizz w/ 20% HCl
							Core intact
284.4			19313			13G10	(only weakly stringered) ±8 Locally developed lithons;
							Weak green tinge where not carbonaceous
							Minor qtz-chlorite-po stringers
							Moderately developed lithon structure
							Lower contact very gradational
							At 920-921 & 926-927 core broken
293.8	L		19514			13G418	weakly stringered [426]
							Core light medium greenish grey Distinct
							grey tinge to Sz folia
							locally developed lithons
293.5	L		19613			14L102	
							Pale cream color Minor pyrite stringers
							Gradational to 364 locally — i.e. some
							grey remains
296.0	L		19711			13G01	
							Moderate to weak lithon structure w/
							qtz ss. laminae No sulfide porphyroblasts
299.3	L		19812			14L101	±2
							Light grey to cream texture. Transitional
							to 364 in middle of unit
							Minor fault breccia for 10-30cm intervals
							Definitely slightly harder than enclosing
							3G phyllites
304.5			19919				No core

DDH FAGA073 (2 / 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: 7/28/83 Logged By: GAS/LCP

	Code	From	To	Recov.	No.	Unit	Description
	1	10 14	16 20	22 24	26 28	30 34	35
316.1			101317			41402	
							Pale greenish creamy, muscovite-rich rock.
							Locally transitional to 3G greys.
							Stringers of qtz-pyrite.
							Top 3 ft rubble w/ gouge.
321.0			10513			31G01	→ 3G4 Down hole @1040 looks ultramafic boulder flooded w/ pinks & greys
							1043 → 1053 gouge – indeterminate / rubble / broken core
							1047 → 1050 is either 5D or 4L in gouge.
336.2	L		11013			31G01	± 9
							Core locally broken up / indeterminate gouge – Especially 1078-1087
345.3	L		11313			31G9	(3D)
							Brown biotitic & greenish actinolitic (?), hard rock locally laminated. Looks similar to 369?
							Top of interval looks like mylonite.
							Sections of interval best described as coherent fault breccia locally indeterminate rubble & gouge all through unit
							Look to put fault through here.
							Composite to make believe fault (GAS)
352.0			11515			31D	(5C)
							Complex of green metabasite with calc-silicate alteration halo. No background phyllite present in this interval. C.S. is bleached white with purplish biotite & / or green calc-sil hues. Metabasite is equigranular dark green. All rocks are hard

DDH F.A.G.A.0.7.3 (2–8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: 7/28/83 Logged By: GAS/LCP

	Code	From (10–14)	To (16–20)	Recov. (22–24)	No. (26–28)	Unit (30–34)	Description (35)
354.8			111614			15CD	(3D)(3G9) Medium to dark greens, tan-weathering chloritic phyllite. Possibly with ank lenses & blebs along foliation. Surrounded by alteration halo of 3D—Calc.-sil is greenish white w/ purplish tint from biotite. Not typical 3D—coarser & more granular. Minor 3G9 away from 3D & 5CD Core locally broken w/ rubble.
360.9			111814			13G91	±6 Good light & dark grey striping & laminations parallel to PSz
361.8			111817			15C$1	[3C$] Fuchsite-bearing
364.2			111915			13G01	(1QQ) Core very broken w/ gouge for top 1 foot
							EOH

DDH FAGA073 (2–8) Cyprus Anvil Mining Corp. Page 8 of 13

Structural Log Date: _____ Logged By: [illegible]

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		1110	CS12				6023 0	N.B core @ 111.0–151.0
S		1310	CS12				5523 10	taken from KH log as
S		1510	CS12				3523 10	core missing
S		1769	CS12				6023 10	
S		1990	CS12				7523 10	
S		2170	CS12				6023 10	
S		2365	CS12				6523 10	
S		2660	CS12				7523 10	from KA log
S		2985	CS12				6023 10	
S		3210	CS12				8023 10	
S		3445	CS12				4023 10	
S		3687	CS12				6523 10	
S		3857	CS12				8023 10	
S		4060	CS12				7523 10	
S		4240	CS12				8023 10	
S		4477	CS12				7523 10	
S		4670	CS12				7023 10	
S		4875	CS12				8523 10	
S		5110	CS12				7023 10	
S		5265	CS12				7523 10	
S		5470	CS12				7223 10	
S		5690	CS12				7823 10	
S		5890	CS12				7023 10	
S		6130	CS12				7523 10	
S		6320	CS12				6023 10	
S		6518	CS12				7023 10	
S		6780	PS12				6023 10	
S		6990	PS12				7023 10	
S		7173	PS12				7023 10	
S		7372	PS12				6423 10	
S		7560	PS12				7023 10	
S		7741	CS12				8523 10	
S		7941	CS12				7823 10	
S		8115	CS12				8223 10	
S		8357	PS12				7323 10	
S		8555	CS12				7023 10	

DDH FAGA073 (2–8) Cyprus Anvil Mining Corp. Page 9 of 13

Structural Log Date: _____ Logged By: [illegible]

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		8758	CS12				75 2310	
S		8955	CS12				70 2310	
S		9175	CS12				70 2310	
S		9378	CS12				68 2310	
S		9577	CS12				70 2310	
S		9780	CS12				70 2310	
S		10074	PS12				72 2310	
S		10270	PS12				73 2310	
S		10425	PS12				68 2310	
S		10630	PS12				77 2310	
S		10875	PS12				65 2310	
S		11035	PS12				68 2310	
S		11200	PS12				60 2310	
S		11400	PS12				50 2310	
S		11518	PS12				65 2310	
S		11716	PS12				69 2310	
O		11913	PS12				58 2310	

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

DDH FAGA0073 (2 … 8) Cyprus Anvil Mining Corp

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Logged by

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

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION	K.A sample #'s
1	10 14	16 20	22 26	28 30	32 34	36 40	42	
P	1117 0	1203	9010512	13	15	4A01	Dogshit!	1552
P	1203	1260	9010513	57	32	4A01		1553
P	1260	1290	9010515A	30	20	4A01	From KA log	1554
P	1290	1350	9010515	60	23	4A01		1555
P	1350	1400	9010516	50	26	4A01		1556
P	1510	1540	9010517	30	26	4E4?	From KA log	1557
D	12015	12065	72106	50	19	4A01	→ 4L4	
D	12065	12107	73011	42	45	4AL		
P	12120	12180	73012	60	59	4A04		
P	12180	12240	73013	60	60	4A04		
P	12240	12300	73014	60	60	4A04		
P	12300	12360	73015	60	59	4A04		
P	12360	12420	73016	60	59	4A04		
D	12420	12479	73017	59	61	4A0	SL3	
P	12479	12539	9010518	60	57	4E4	From KA log	1565
P	12539	12629	9010519	90	87	4E4	" " "	1566
P	12629	12717	9010610	50	50	4D4	" " "	1567
P	12717	12777	9010611	100	100	4D4	" " "	1568
P	12777	12883	9010612	64	64	4D4	" " "	1569
P	12884	12884	9010613	58	56	4D4	" " "	1570
P	12918	12970	9010614	52	38	4A01	" " "	1571
P	12970	13030	9010615	60	58	4A01	" " "	1572
P	13030	13090	9010616	60	58	4A01	" " "	1573
P	13090	13125	9010617	35	24	4A01	" " "	1574
P	13125	13195	9010618	70	28	4A01	" " "	1575
D	13235	13245	901016A	10	13	5C*4	" " "	1576
P	13283	13310	9010710	19	19	5C*4	" " "	1577
P	13310	13397	9010711	95	95	4D4	" " "	1578
P	19811	19886	73018	74	74	4AL		
P	19886	19935	73019	49	48	4G4*		
D	19935	19990	73110	55	44	4ELC		

FEET

FAULT

DDH FAGA073 (2 8) Cyprus Anvil Mining Corp. Page _____ of _____

Structural Log Date: 27 Oct 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	11100	11784	NMN					lost core
F	11455	11605	SF					shear & fault zone
F	12418 4	13319 7	NMN					Core missing or jumbled
F	13413 6	13417 5	GB		9999	5100		gouge & broken core
F	13419 9	13509	GB					gouge & broken core INO
F	14215 5	14290	BG					broken core & gouge
F		14277	G			3100		
F	14313 3	14314 8	X			3100		bxa healed by diorite?
F	15217 0	15319 0	B	5				broken core 50% recovery
F		15317 0	G					gouge
F		16312 0	G			9999		gouge 115₂ - drilling artifact?
F	16612 0	16614 0	GB					gouge & broken core
F	17411 0	17412 0	GF		9999		9999	gouge, major fault zone upper & lower contact 115₂
F	17412 0	17418 0	B	8				broken core 83% recovery
F		17514 0	G			9999		
F	17519 0	17650	IBG					minor gouge & broken core intervals
F		18056	G			7101810		gouge
F		18063	G			7101810		gouge
F	18219 8	18219 9	G			9999		gouge 115₂ ??
F		19035	G					1" gouge
F	19211 8	19230	B					broken core
F	19216 3	19217 7	B					broken core
F	19163 5	19163 7	G					gouge
F	19163 7	19164 0	B					broken core
F	19195 9	19199 0	X					bxa
F	19199 0	10100 6	GB			4501010		gouge & broken core
F		10107 0	G					INO gouge
F	10131 6 8	10137 0	B1G			9999		broken core & incip. gouge
F	10143 2	10530	GBP	7	9999	9999		gouge & broken core 75% recovery
								major fault zone
F	10719 0	10719 5	G			9999		gouge 115₂

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

FEET

FAULT

DDH FAGA073 (2 / 8) Cyprus Anvil Mining Corp. Page _____ of _____

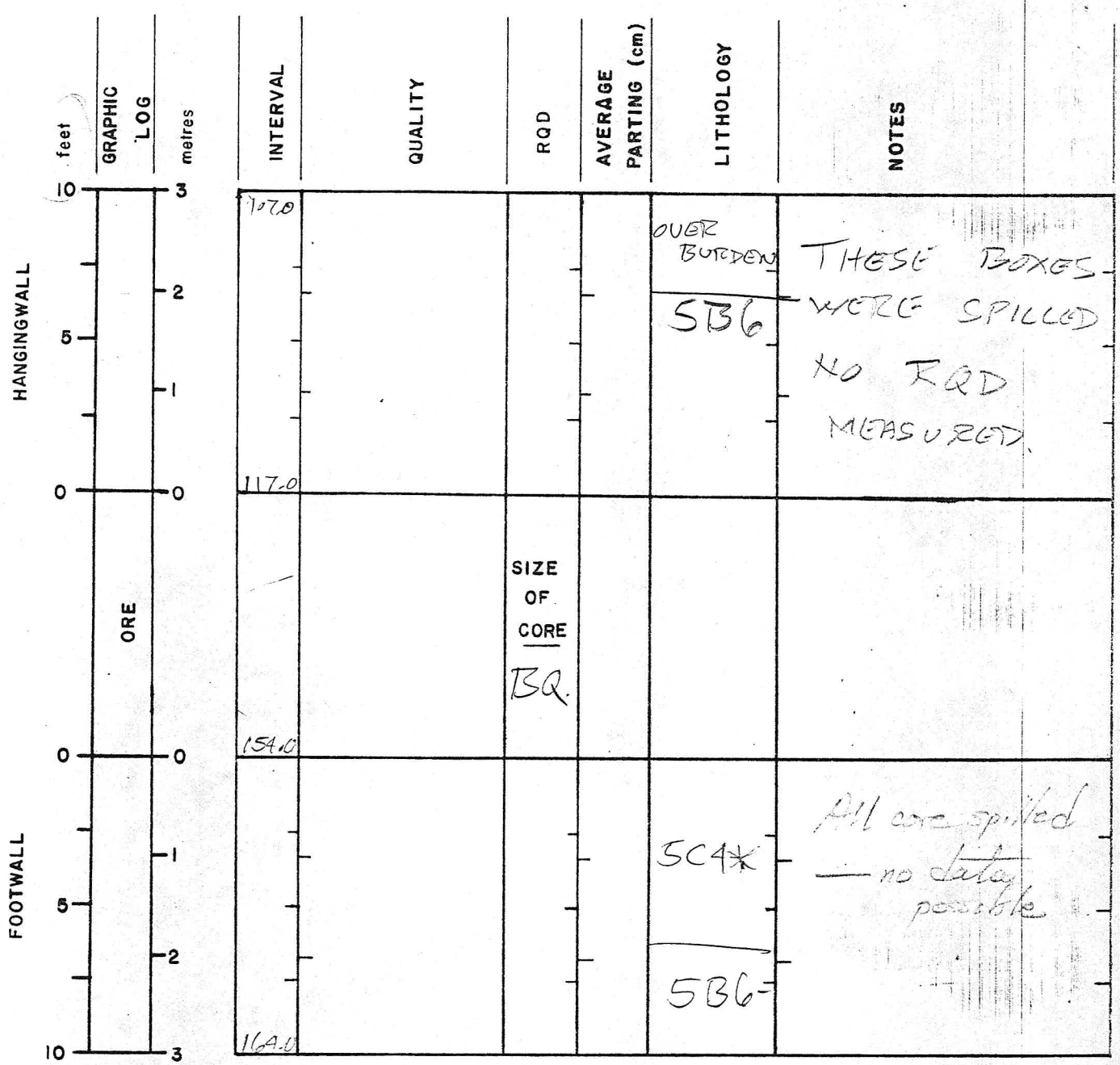
Structural Log Date: 27 Oct/83 Logged By: _____

Code	From	To	Feature	sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
F	101867	101870	G					INO gouge
F	101780	101870	GBI	4				gouge & broken core 44% recovery
F	111010 3	111030	BI					broken core
F	111030	111290	BIP	6				69% recovery / broken core
F	111294	111550	F?					possible hornfelsed fault or 3D calc-silicate rock?
	111573	111638	F?					
	111814	111877	F?					
	111877	111950	BIP	6				broken core 68% recovery
	111877	111880	G					gouge

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

DDH- 5A9A0703
#1

GEOTECHNICAL LOG



DDH- FAS-0073

GEOTECHNICAL LOG

feet	GRAPHIC LOG	metres	INTERVAL	QUALITY	RQD	AVERAGE PARTING (cm)	LITHOLOGY	NOTES
10	HANGINGWALL	3	191.5					
		2		COMPETENT	48%	5"	SCH	ENGINEERS CHECK
5		1						
0		0	201.5					
	ORE				SIZE OF CORE BQ			
0		0	339.7					
	FOOTWALL						STB26	THIS CORE SPILT - NO RQD DONE
							QZ VEIN	
5		1					STB26	
		2						
10		3	349.7					

DDH- FIAGIA0173

GEOTECHNICAL LOG

feet	GRAPHIC LOG	metres	INTERVAL	QUALITY	RQD	AVERAGE PARTING (cm)	LITHOLOGY	NOTES
10	HANGINGWALL	3	971.2	Moderately Competent	30%	4"	420	Engineers R
5		2						D
0		1	981.2					
0	ORE	0			SIZE OF CORE BQ			
0		0	999.0	Gouge RATSHIT				
5	FOOTWALL	1		Moderately Competent	25%	2"	4205	
10		3	1009.0					

DIAMOND DRILL RECORD

LOGGED BY F. Chow

PROPERTY VANGORDA, GRUM JOINT VENTURE

D.D.H. No. 75-A73 PAGE 1 of 16

LINE GRID

LATITUDE 9 + 25N — HIW

(10,941.06"N) 35895.88N

DEPARTURE 75 + 88W

(7676.01"E) 25183.75E

ELEVATION 4265.22'

(1312.84") 4307.22'

BEARING OF HOLE BY TROPARI @ 212'- 101° 21'; @ 402'- 90° 51'; @ 602'- 84° 51'; @ 802'- 105° 51'; @1002'- 99° 15' -90°

DIP OF HOLE

DIP TESTS BY TROPARI @ 212' - 88° @ 802' - 71°; @ 402' - 90° @1002' - 99° 15'; @ 602' - 73°0 - 111' -- BW

HOLE SIZE 111 -1195 -- BQ

STARTED May 7, 1975 A.S.

COMPLETED May 15, 1975 A.S.

Proposed: 1000-1210'

DEPTH Ultimate: 1195' (364.24")

CLAIM No.

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec. Ft.	Sample No.	Sample Footage From	Sample 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	110	OVERBURDEN	0.2		0	110									
110	117	QUARTZ - SERICITE PHYLLITE Medium gray.													
		55% quartzose-feldspar. Thinly laminated. Well developed large Fl folds. Minor rusty weathering along fractures. Sheared @ 112-113' and @ 116.5-117'.	3.9/7		110	117									
		Core Angle: 60° @ 111-117'.													
117	140.0	QUARTZ - GRAPHITE - SERICITE PHYLLITE WITH SULPHIDES													
		60-70% quartz-feldspar. 50/50 (?) sericite-graphite, 4-6% pyrite 1.5-6% lead-zinc. Banded quartz-sulphides with quartzose-serici	1.5	1552	117.0	120.3	3.3	0.54	1.04	0.26					
		te-graphite. Very rusty weathering to 121', minor weathering along fractures	3.2	1553		126.0	5.7	1.43	2.73	0.71			8.15	15.56	4.05
		to 140' depth. Highly fractured @ 138 (?)-140'.	2.0	1554		129.0	3.0	1.6	3.42	0.94			4.8	10.26	2.82
		Core Angles: 70° @ 119', 50° @ 120', 60° @ 125', 40° @ 128', 55° @ 131-139'.	2.3	1555		135.0	6.0	1.83	4.32	1.03			10.98	25.92	6.18
			2.6	1556		140.0	5.0	1.38	1.3	0.8					
				~~Wt.Av.~~ Wt. Av.	~~120.3~~ 120.3	~~129.0~~ 135.0	~~8.7~~ 14.7	~~1.49~~ 1.63	~~2.97~~ 3.52	.79 0.89	(30.4 g/T Au)		~~12.95~~ 23.931	~~25.82~~ 51.74	~~6.87~~ 13.047
140.0	145.5	QUARTZ - SERICITE PHYLLITE Altered. Light gray and buff.													
		35% quartzose-feldspar. Thinly laminated, soft, fissile, much shearing.	4/5.5		140.0	145.5									
		Core Angle: 70 - 75°.													

DIAMOND DRILL RECORD

LOGGED BY F. Chow

PROPERTY

LATITUDE BEARING OF HOLE STARTED

DEPARTURE DIP OF HOLE COMPLETED

ELEVATION DIP TESTS DEPTH Proposed: Ultimate:

D.D.H. No. 75-A73 PAGE 2 of 16

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
145.5	160.5	SHEAR AND FAULT ZONE IN BLEACHED BUFF QUARTZ - SERICITE PHYLLITE													
		Zone of highly sheared phyllites with fault gouge and intensely altered but not sheared segments. Much fuschite present but no sulphides noted except for two 0.8-1' segments of high grade massive lead-zinc. 40-20% lead-zinc with 10-30% pyrite between 151 (?)-154 (?) Lower segment recemented breccia.	1.1/5.5		145.5	151.0									
			2.6	1557		154.0	3.0								
			0.9/2			156.0		3.6	9.54	1.94					
		Core Angles: 35° @ 151.5', 75° @ 152', 70° @ 155' and 30° @ 156.5'.	3.1/4.5			160.5									
160.5	167.5	QUARTZ - SERICITE PHYLLITE Light to medium gray.													
		40% quartz-feldspar, thinly foliated. Sheared and fractured, local quartz-feldspar breccia.	7/7		160.5	167.5									
		Core Angle: 70-60°.													
167.5	191.0	QUARTZ - SERICITE - GRAPHITE PHYLLITE Dark gray with MINOR SULPHIDES													
		45-60% quartz, 5-20% graphite. Local sulphide mineralization 186-190.2' -- 4% pyrite, 0-3% lead-zinc	2.2/5.5		167.5	173.0									
		-191.0' -- 10% pyrite, spots of lead-zinc, 3% magnetite. Rocks undergone much stress, likely caused by faulting above.	6.7/8.5			181.5									
		Fl prominent.	9.5/9.5			191.0									
		Core Angles: 45° @ 168', 70° @ 174', 40° @ 173-178', 60-30° @ 180', 20° @ 186', 40° @ 188', 50° @ 190'.													

DIAMOND DRILL RECORD

LOGGED BY F. Chow

PROPERTY

LATITUDE BEARING OF HOLE STARTED

DEPARTURE DIP OF HOLE COMPLETED

ELEVATION DIP TESTS DEPTH Proposed: Ultimate:

D.D.H. No. 75-A73 PAGE 3 of 16

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
191.0	200.4	QUARTZ - CHLORITE - SERICITE PHYLLITE													
		20-40% quartz-feldspar, 40-50% chlorite, no sulphides except @ 197.3-197.9'. Where a "pocket" of rich sulphides (25% pyrite,	9.4/ 9.4		191.0	200.4									
		3% lead-zinc, sparse pyrrhotite appears to be injected with quartz porphry.)													
		Rich chlorite bands occur as irregular bands and irregular widths Rock massive but soft.													
		Core Angles: 55°@ 191-194', 70° @ 195', 75° @ 197, 50° @ 200'.	"												
200.4	209.3	QUARTZ - SULPHIDES WITH SERICITE - GRAPHITE													
		70-75% quartz-feldspar, 1-10% pyrite (av. 3%), 7-8% lead-zinc,	8.3	1558	200.4	209.3	8.9	2.48	4.56	1.09					
		2% magnetite @ 200.4-202'. Bleached buff sericite except slightly													
		(1-3%) graphitic section @ 202.5-206.2'. Banded. F1 locally													
		prominent in graphite section. Numerous tension gashes in non-													
		graphitic section, latter also more quartzy.													
209.3	212.0	QUARTZ - SERICITE - CHLORITE PHYLLITE													
		35-40% quartz-feldspar, 20% chlorite, no sulphides. Thinly	2.2/ 2.7		209.3	212.0									
		banded, soft, moderate shearing @ 209.7'. Locally carbonate													
		rich.													
		Core Angles: 60-65° @ 201-212'.													
212.0	246.8	QUARTZ - GRAPHITE - SERICITE PHYLLITE WITH SULPHIDES													
		60% quartz-feldspar, 10% sericite, 4-10% pyrite, 6-8% lead-zinc	5.4.	1559	212.0	217.4	5.4	1.95	3.84	0.88			10.53	20.736	4.752
		except 3% @ 241.4-246.8'. Quartzy and hard though parts readily													
		along F2 foliation. F1 prominent. F1 and F2 mineralization.	7.1	1560		224.5	7.1	3.08	5.04	1.32			21.868	35.784	9.372

DIAMOND DRILL RECORD

LOGGED BY F. Chow

PROPERTY

LATITUDE BEARING OF HOLE STARTED

DEPARTURE DIP OF HOLE COMPLETED

ELEVATION DIP TESTS DEPTH Proposed: Ultimate:

D.D.H. No. 75-A73 PAGE 4 of 16

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
		Sulphides usually disseminated in quartzose F1 and F2 bands,	4.6	1561	224.5	229.1	4.6	2.38	3.72	1.12			10.95	17.11	5.15
		though F2 mineralization often show massive sulphide bands. A few tight slips with minor off-sets. Minor shearing from 232-	7.7	1562		236.8	7.7	2.29	4.86	1.12			17.63	37.42	8.62
		238'. 241.4-246.8' heavily sheared and contorted. Rock moderate-	4.8	1563		241.8	5.0	2.50	6.01	1.18			12.50	30.05	5.90
		ly firm except @ 241.4-242.7'.	5.2	1564		247.0	5.2	1.00	1.92	0.53					
		Core Angles: 55° @ 212', 50° @ 214-218', 55° @ 219', 70° @ 222', 75° @ 223', 60° @ 226-232', 50-55° @ 233-236', 45° @ 237', 75° @ 238.5', 55° @ 240', 45° @ 243', 50° @ 247'.		WT. AV.	212.0	241.8	29.8	2.47	4.73	1.13	(38.9 ¢/A.T.)		73.473	141.102	33.796
246.8	253.0	QUARTZ - CHLORITE - SERICITE PHYLLITE													
		Mainly chloritic phyllite, 25-30% chlorite, soft. Two 0.8' bands	5.7	1565	247.0	253.0	6.0	0.35	0.42	0.09					
		sericitic and siliceous phyllite which contain 15% pyrite with 1% lead-zinc. Chloritic phyllite - no sulphides.													
		Upper contact parallel foliation with rich fuschite in first 0.5'.													
		Lower contact @ 45°, sheared and talcy.													
		Core Angle: 40° @ 248', 40-45° to 252'.													
253.0	261.3	MASSIVE SULPHIDES													
		Massive fine-grained sulphides, mainly rich in lead-zinc. One	8.7	1566	253.0	262.0	9.0	8.86	14.93	3.74			79.74	134.37	33.66
		0.2' and one 0.7' section of bleached talcy quartz-sericite band with minor lead-zinc. Zone about 5% leached (bands), minor porous													
		sulphides. 55% pyrite, 25-30% lead-zinc.													
		Core Angles: 60° @ 254', 75° @ 257', 40° @ 259', 45° @ 262'.													

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261.3	292.5	QUARTZ - SERICITE PHYLLITE WITH SULPHIDES (Siliceous)	5.0	1567	262.0	267.0	5.0	4.2	5.28	1.71			21.00	26.40	8.55
		Bleached buff. 70-80% quartz-feldspar, 1-5% sericite, 7% pyrite 7-8% lead-zinc. Sulphides occur as thin bands mainly wispy-	10	1568	267.0	277.0	10	3.45	7.32	1.47			34.50	73.20	14.70
		looking because of F1 folds. F1 and F2 mineralization. F1 prominent, large elongated "S" folds occupying entire core or extending beyond core size. F2 often contorted.	6.4	1569		283.4	6.4	4.13	7.30	1.62			26.432	46.72	10.37
		289.2-291.8' -- barren, bleached buff highly sericitic phyllite	5.6	1570		289.2	5.8	1.95	5.76	0.74					
		Core Angles: 55° @ 252.5', 75° @ 266', 70° @ 267', 60° @ 270-280', F1 parallel core @ 281-284', 60° @ 286', 40° @ 289', 70° @ 292'.		Wt. Av.	262.0	283.4	21.4	3.83	6.84	1.57	(53.9)		81.993	141.32	33.62
		Rock is moderately competent.		Wt. Av.	253.0	289.2	36.2	4.78	8.68	1.90	(67.8)		172.982	314.098	71.57
				Wt. Av.	253.0	277.0	24.0	5.64	9.75	2.37	(81.3)		135.24	233.97	56.91
292.5	320.5	QUARTZ - SERICITE ± GRAPHITE PHYLLITE WITH SULPHIDES (Quartzy and siliceous)													
		30-70% quartz-feldspar, 0-5% graphite, 5-6% pyrite except 7-55%	2.1/2.6		289.2	291.8									
		pyrite between 303-309', 5-5.5% lead-zinc except 14% lead-zinc between 303-309'. F1 local, also mineralized, prominent to 305'.	3.8	1571		297.0	5.2	2.15	4.86	0.94			11.18	25.272	4.888
		Fractured with shearing @ 309-320.5'.	5.8	1572		303.0	6.0	2.08	3.48	0.82			12.48	20.88	4.92
		Core Angles: 55° @ 295', 45° @ 300', 50-40° @ 306-309'. Shearing @ 309' @ 45° to core or 90° to F2. 55° @ 311', 75° @ 319'.	5.8	1573		309.0	6.0	5.93	12.58	2.65			35.58	75.48	15.90
			2.4	1574		312.5	3.5	2.78	5.16	1.29			9.73	18.06	4.515
			2.8	1575		319.5	7.0	2.93	7.68	1.35			20.51	53.76	9.45
			0.5/1.0			320.5									
				Wt. Av.	303.0	319.5	16.5	3.99	8.93	1.81	(62.1)		65.82	147.30	29.865
				Wt. Av.	291.8	303.0	11.2	2.11	4.12	.88	(30.0)		23.632	46.15	9.91

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320.5	330.2	QUARTZ - SERICITE PHYLLITE Bleached buff.													
		35% quartz-feldspar, highly sericitic, talcy; compact when not sheared. Main shearing @ 324-326.5'. Barren execpt narrow bands	/3.0		320.5	323.5									
		of pyrite, lead-zinc at 323.5-326' (1.5%); also @ 328.3-328.5', and	1.3	1576		326.5	3.0	1.00	4.26	.53			3.000	12.780	1.590
		328.8-329.6', approximately 5% pyrite, 6% lead-zinc average.	1.7/1.8			328.3									
		Core Angles: 70° @ 323', 55° @ 329'.	1.9	1577		330.2	1.9	2.40	7.02	1.15			4.56	13.338	2.185
330.2	339.7	MASSIVE SULPHIDES AND QUARTZ - SERICITE ± GRAPHITE - SULPHIDES													
		Massive and near massive sulphides with remnants of quartz-	9.5	1578	330.2	339.7	9.5	5.84	10.45	2.59			55.48	99.275	24.605
		sericite and/or graphite phyllites. Also bands of quartz-													
		sericite-graphite-sulphides and barren sericitic phyllite. Av.		Wt. Av.	328.3	339.7	11.4	5.27	9.88	2.135	(80.6)		60.04	112.613	26.790
		is 55% pyrite, 20% lead-zinc.													
		Core Angles: 60° @ 331'-336', 55° @ 338', 50° @ 339'.													
339.7	351.5	SHEAR ZONE IN DARK GRAY QUARTZ - SERICITE PHYLLITE ACCOMPANIED													
		BY QUARTZ VEIN													
		340-343.6' -- bull quartz with remnants of phyllite	10.6/		339.7	351.5									
		-351.5' -- multiple shearing in dark gray, thinly laminated	11.8												
		phyllite													
		Core Angles: 50-40° @ 344-347', 70-75° @ 348-350'.													

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351.5	396.0	QUARTZ - SERICITE PHYLLITE Light gray.													
		40-45% quartz-feldspar, thinly laminated. Fairly fresh-looking. Moderately competent. Local F1 poor. Shears @ 375.7'.	17/17.5		351.5	369.0									
		369-375' -- core tube did not lock, therefore, lost core.	0,3/6			375.0									
		Core Angles: 80° @ 352', 65-70° undulating @ 354-402'.	21/21			396.0									
396.0	437.0	QUARTZ - SERICITE - CHLORITE PHYLLITE WITH BANDS OF													
		QUARTZ - SERICITE - GRAPHITE PHYLLITE. Altered.	24.5/25		396.0	421.0									
		50-55% quartz-feldspar, greenish-gray with chlorite phyllite and	5/7			428.0									
		medium gray with graphitic phyllite. Mainly sericite chlorite	9/9			437.0									
		phyllite, also chiefly thinly laminated, F1 not well developed but occur throughout.													
		424.8-433' -- highly altered with 60% bleaching, also fractured and moderately sheared, Leached.													
		Core Angles: 70-75° @ 402-409', shear @ 409.2' @ 60° to core/30° to F2, 60° @ 410', 75-80° @ 411-420', 70° @ 421-424', 80° @ 424', shears @ 427-429', 40° @ 428', 0° @ 430', 50° @ 432', 80° @ 434', 70° @ 437'.													
437.0	440.0	QUARTZ - GRAPHITE - SERICITE PHYLLITE Dark gray to black													
		50% quartz-feldspar, 30% graphite, thin quartzose banding with thin foliations graphite. Moderate amount of carbonate (calcite ?) Moderately fissile.	2.6/3		437.0	440.0									
		Core Angle: 65-70°.													

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440.0	470.7	QUARTZ - SERICITE - CHLORITE PHYLLITE Altered													
		50-55% quartz-feldspar, 10-20% chlorite, light greenish gray.	30.5/		440.0	470.7									
		445.5-450' -- quartz-graphite phyllite as 437-440'. Thinly	30.7												
		foliated and/or thinly laminated quartzose bands.													
		Core Angle: 70-75°.													
470.7	509.1	INTERBANDED QUARTZ - SERICITE AND GRAPHITIC PHYLLITE													
		470.7-487' -- medium gray and dark gray and dirty buff phyllites	38/		470.7	509.1									
		minor chlorite with seritic bands. Moderately	38.4												
		altered, numerous quartz lenses, 40% quartz-													
		feldspar, much carbonate.													
		-501.5' -- as above but more graphitic													
		-509.1' -- mainly sericitic phyllite with high carbonate													
		content, also minor pyrrhotite - scattered blebs.													
		Core Angles: 70-75° to 483', 75-80° to 507', 85° @ 508'.													
509.1	559.5	QUARTZ - GRAPHITE PHYLLITE													
		45-50% quartz-feldspar, banded - thin to wide banding. 1-2% pyrite	6.9/		509.1	517.0									
		occur as splashes, threads or bands parallel foliation and some-	7.9												
		times filling fractures. Moderately fissile, breaking into	6.8/10			527.0									
		blocks. Narrow shears from 509.1-540'. Moderately well	2/10			537.0									
		developed F1.	9/10			547.0									
			4.6/5			552.0									
		Core Angles: 70° @ 509-517', 85° @ 518', 75-70° @ 519-559'.	6/7			559.5									

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559.5	588.0	QUARTZ - SERICITE - GRAPHITE PHYLLITE Dark gray. Siliceous.													
		60-65% quartz-feldspar, mainly hard and siliceous. Does not part as readily as regular phyllite. 2-7% graphite, thinly laminated, mass-looking. Negligible pyrite. Local F1 poorly developed. Shears and fractures @ 563-568', 580-581.5'.	27.5/28.5		559.5	588.0									
		Core Angle: 75° throughout.													
588.0	603.0	QUARTZ - SERICITE PHYLLITE Altered													
		45-50% quartz-feldspar. Moderately sheared zone, rocks altered dirty gray and grayish-buff colour. Parts brecciated and fractured, ankerite filling. Leached fracture and holes -- 3% of core surface.	6/6		588.0	594.0									
			0.8/4.0			598.0									
		Core Angle: 55-65°.	4.5/5			603.0									
603.0	638.0	QUARTZ - SERICITE ± GRAPHITE PHYLLITE Altered													
		50-55% quartz-feldspar, 3-5% graphite in graphitic sctions, felsphatic sections @ 609.7-611.5', 617-619' massive and hard, brown buff colour. Mainly 1/8" - ½" banded phyllites. Many fractures and tension cracks, mostly healed with quartz-carbonate and/or ankerite. Sheared and fissile section @ 623-638'. Many quartz lenses from 630.5-638'. Shearing parallel foliation.	18/18			603.0	621.0								
			7.7/10				631.0								
			1.9/3				634.0								
		Core Angles: 70-75° @ 603-619', 65-70° @ 620-638'.	3.5/4				638.0								

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638.0	666.2	QUARTZ - SERICITE PHYLLITE Bleached buff.													
		45-50% quartz-feldspar, abundant carbonate within F2 bands. Many minute slips, major shears @ 662-664'. Non-competent rock.	9/10			638.0	648.0								
			2.3/10				658.0								
			6.1/8.2				666.2								
		Core Angle: 75-70°.													
666.2	741.0	QUARTZ - SERICITE ± GRAPHITE PHYLLITE Light to medium gray													
		45-50% quartz-feldspar, 0-5% graphite (increasing with depth) thinly laminated, fissile. Small shears @666.2-677'. Numerous	6.2/6.8			666.2	673.0								
			2.3/4				677.0								
		late slips and shears @ 714-741', offsets unknown.	5.8/6				683.0								
			1.1/5				688.0	(tube did not lock)							
		Core Angles: 75-80° @ 667-673', 70° @ 674-677', 65-60° @ 678-683', 70° @ 684-718', 90° @ 720', 80° @ 722', 75° @ 724', 70° @ 725-740'.	16.7/19				707.0								
			34/34				741.0								
741.0	780.0	FAULT AND SHEAR ZONE IN QUARTZ - SERICITE PHYLLITE													
		40% quartz-feldspar, scattered ankerite as fracture filling. Main fault @ 741-743.5' mainly gouge. Numerous shears and slips;	35/39			741.0	780.0								
		often with gouge and brecciation. Thinly laminated phyllite.													
		741-748.5' -- altered to buff phyllite with minor lead-zinc and pyrite mineralization.													
		Core Angle: 70°.													
780.0	813.0	QUARTZ - SERICITE PHYLLITE, Partly bleached and totally bleached buff.													
		780-783' -- altered to dirty light gray with thin foliations of buff sericite.	33/33		780.0	813.0									

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		783 -796' -- totally bleached to buff colour, 0.7% pyrite occuring as splashes within fractures and occur parallel to foliation, spot of pyrite @ 785.6'													
		-808' -- as 780-783', multiple shear @ 805.3-806.4 @ 45° to F2. -813' -- as 783-796', 0.03% band of pyrrhotite @ 815'.													
		Core Angles: 75° @ 784', 80° @ 785', 65° @ 796' (sheared), 75° @ 797', 60° @ 808', 55° @ 810'.													
813.0	879.5	QUARTZ - SERICITE - CHLORITE ± BIOTITE PHYLLITE													
		35% quartz-feldspar, 30-35% sericite, 25-30% chlorite, light greenish-gray. Minor brown biotite occuring here and there.	17/17 4.2/5		813.0	830.0 835.0									
		813-821' -- 10% bleached buff sericite. Remaining phyllite show 1-2% buff sericite as foliated threads. Band or splash of pyrrhotite @ 814.8', 843' and 843.6' to 847.5'. Greater pyrrhotite mineralization between 845-879.5' (0.3%) Local F1 moderately developed.	44.5/ 44.5			879.5									
		Core Angles: 85° @ 813.5', 80° @ 815-824', 60-70° @ 825-830', 65-70° @ 831-843', 70° @ 843-863', 75-80° @ 864-870-879-888'.													
879.5	888.0	QUARTZ - SERICITE - CHLORITE ± BIOTITE PHYLLITE Bleached													
		40% quartz-feldspar, 4-6% chlorite, minor brown biotite, 0.3% pyrrhotite. Pyrrhotite associated mainly with bands or clots of chlorite, uniformly distributed. Sericite bleached to buff colour. F1 prominent. Rock massive and competent.	8.5/ 8.5		879.5	888.0									

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888.0	954.8	QUARTZ - SERICITE - CHLORITE PHYLLITE Greenish-gray. Altered.													
	291	35-40% quartz-feldspar, 35-45% sericite, 2-15% chlorite, minor pyrite and pyrrhotite. Bands and splashes of pyrrhotite @ 900-	37.6/38		888.0	926.0									
		903.3', 906', 908.5', 914.6', 936.8', 951', and 933.3'. Threads	10.5/11			937.0									
		of buff sericite. Many quartz lenses. Rock massive and moderate-													
		ly firm. Moderate shearing @ 921-928', rocks crumpled in parts.	17.3/17.8			954.8									
		Local F1 poorly developed.													
		Core Angles: 75-80° @ 888-893', 50° @ 894', 80° @ 896-905', 70° @ 908', 50° @ 909', 75° @ 910-921', 55° @ 923', 40° @ 925' (50° shearing @ 927' @ 90° to F2), 60° @ 929', 70-75° @ 930-937', 75-80° @ 938-953', 70° @ 955-963'.													
954.8	963.5	QUARTZ - SERICITE PHYLLITE Bleached buff.													
		40-45% quartz-feldspar, minor pyrite in both F1 and F2. F1 local-	8.7/8.7		954.8	963.5									
		ly poorly developed. Rock firm, less fissile than normal phyllite.													
963.5	971.0	QUARTZ - SERICITE PHYLLITE Altered. Light gray.													
	295.9	35-40% quartz-feldspar, highly altered. Highly contorted at	7.5/7.5		963.5	971.0									
		lower contact. Tight slips and shearing. Gouge at upper contact.													
		Core Angles: 70° @ 964', 80° @ 967', 45° @ 970-972', 70° @ 974-981'.													
971.0	981.0	QUARTZ - SERICITE PHYLLITE Bleached buff.													
	299	45% quartz-feldspar, similar to 954.8-963.5'. Many tight slips,	10/10		971.0	981.0									
		minor pyrite. 971-973' -- quartz-feldspar breccia in sericitic													
		matrix. Phyllite talcy.													

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981.0	988.5	QUARTZ - SERICITE - GRAPHITE WITH SULPHIDES													
		Banded light gray sericite-graphite phyllite and banded dissem. sulphides, also bands of high grade lead-zinc sulphides @ 983.2 -	5.4	1579	981.0	986.9	5.9	3.83	7.63	1.5			22.597	45.017	8.85
		983.7' and @ 980.6-987'.	1.6/			988.5									
		987-988.5' -- barren, bleached sericite, buff colour. Av. 7% pyrite, 9-10% lead-zinc (above).	1.6												
988.5	999.0	BARITE SULPHIDES AND QUARTZ SULPHIDES BRECCIA													
		988.5-994.0' -- 30% barite with densely disseminated pyrite (20%) and lead-zinc (15%) Shows leach holes and vugginess	9.5	1580	988.5	998.3	9.8	5.84	7.64	2.29			57.332	74.872	22.442
		-998.3' -- sulphide breccia and quartz-feldspar breccia re-cemented in qtz-sulph matrix, 40 Py, 12 PbZn.	0.7	1581		999.0	0.7	0.18	0.28	0.15					
		-999.0' -- as above but with negligible pyrite													
		Core Angle: 70° @ 981', 60° @ 984', 40° @ 985', 55° @ 987', 80° @ 990', 75° @ 992'.		Wt.Av.	981.0	998.3	17.3	4.61	6.83	1.81	(62.0)		79.829	119.889	31.292
999.0	1043.0	QUARTZ - SERICITE PHYLLITE Bleached buff													
		45-50% quartz-feldspar, 1-3% pyrite following F2, also in F1 but latter only developed locally.	5.2/8		999.0	1007.0									
		Rock firm but parts readily along foliation planes. Multiple shearing @ 1034-1038'. 999.0-999.8' -- brecciated gray phyllite,	28/28			1035.0									
		999.8-1007' -- multiple shearing. 1038-1043' -- 50% bleached buff 50% gray phyllite.	2/3			1038.0									
		Core Angles: 60o @ 1005', 70o @ 1007-1012', 75-80° @ 1013-1030', 70° @ 1032', 85° @ 1038', 75° @ 1039-1043'.	4.3/5			1043.0									

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PROPERTY

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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
1043.0	1057.5	SHEAR AND FAULT ZONE IN PHYLLITES													
	522.3	Rock highly sheared, brecciated, gougey in parts. Mainly bleached buff sericite.	2.4/4		1043.0	1047.0									
		Core Angles: 65° @ 1044' (518.2), 40° @ 1050' (520), 70° @ 1051'.	4.3/6			1053.0									
			0.7/4.5			1057.5									
1057.5	1103.0	QUARTZ - SERICITE PHYLLITE Medium gray													
	336.2	30-35% quartz-feldspar, thinly foliated, odd speck pyrite fissile, many tight shears and slips. Mild alteration in parts.	16.8/21		1057.5	1078.5									
			2.7/8.5			1087.0									
		Core Angles: 60° @ 1058' (322.4), 75° @ 1060-1087' (331.3), 70° @ 1088-1097' (334.3), 75° @ 1098', 70° @ 1099' (135).	5.1/6.0			1093.0									
			1.8/4			1097.0									
			3.9/6			1103.0									
1103.0	1129.7	QUARTZ - GRAPHITE PHYLLITE Black													
	344.3	60-70% quartz-feldspar, siliceous and hard rock though parts readily along foliation plane. Many shears consequently weak rock formation. (phyllite appears to be fused together - silicified.) Minor pyrite, spot of pyrrhotite.	1.8/8		1103.0	1111.0									
			2.7/9			1120.0									
			9.3/9.7			1129.7									
		Core Angle: 70°.													
1129.7	1141.5	QUARTZ - CHLORITE ± SERICITE ± BIOTITE PHYLLITE Dark green.													
	346	60-70% quartz, 25-30% chlorite, minor dissem. pyrrhotite throughout -- 0.3%. Rock massive but parts easily along foliation	11.3/11.8		1129.7	1141.5									

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____ D.D.H. No. _____ PAGE 15 of 16

LATITUDE _____ BEARING OF HOLE _____ STARTED _____ CLAIM No. _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH Proposed: Ultimate: _____

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
		planes. Local brown biotite, also glassy hematite stained (?) quartz, "welded" into phyllite @ 1133.1-1133.5'. Rock resembles meta volcanics. (345.3 345.5)													
		Core Angles: 40° @ 1130' (349.4), 45° @ 1132' (349), 60° @ 1135' (346), 50° @ 1139-1142' (346).													
1141.5	1164.0 (354.7)	QUARTZ - CHLORITE ± BIOTITE ± SERICITE PHYLLITE (Tuffaceous looking)													
		50-70% quartz-feldspar, quartz lavender in colour with bands rich in chlorite and with bands rich in brown biotite.	12.4/13		1141.5	1154.5									
		1153.5-1154.2' (351.5 351.6) -- brecciated and recemented, 0.04' gouge at 1154.3'. Many fractures, rock not competent.	8.2/9.5			1164.0									
		Core Angles: 60° @ 1143-1153' (348.3 351.4), 85° @ 1154.5' (351.6), 60° @ 1156' (352.3), 75° @ 1158', 50° @ 1160', 70° @ 1163' (354.9), 70-75° @ 1164-1184' (355.5 360.6).													
1164.0	1184.0 (360)	QUARTZ - GRAPHITE PHYLLITE Black													
		55-60% quartz-feldspar, light gray quartzose bands with black graphitic bands, thinly laminated, moderately fissile, crumbly where stressed by shearing or slipping.	8.2/8		1164.0	1172.0									
			10/12			1184.0									

DIAMOND DRILL RECORD

LOGGED BY F. Chow

PROPERTY

LATITUDE BEARING OF HOLE STARTED

DEPARTURE DIP OF HOLE COMPLETED

ELEVATION DIP TESTS DEPTH Proposed: Ultimate:

D.D.H. No. 75-A73 PAGE 16 of 16

CLAIM No.

N

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec. Ft.	Sample No.	Sample Footage From	Sample 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
1184.0	1189.0	QUARTZ - SERICITE - CHLORITE Bleached buff.													
	362.4	35% quartz-feldspar, 20% chlorite, highly altered, much carbonate													
		Also, lavender quartz as mentioned in 1141.5-1164'.													
1189.0	1193.5	QUARTZ - SERICITE PHYLLITE Light gray													
	363.7	25-30% quartz-feldspar, thinly foliated, very fissile, soft.													
		Fault @ 1189-1190' -- gouge and rock fragments.													
		Core Angles: 80° @ 1185' 361, 70° @ 1187' 361.7, 80-75-60° @ 1190-1193' 363.4.													
1193.5	1195	LOST CORE													
	364.2														
	1195	END OF HOLE													
		REMARKS: 1. Hole cemented from 1195' up, 12 bags of cement used.													

DDH: FAGA073 -- 42 DEGREE PROFILE

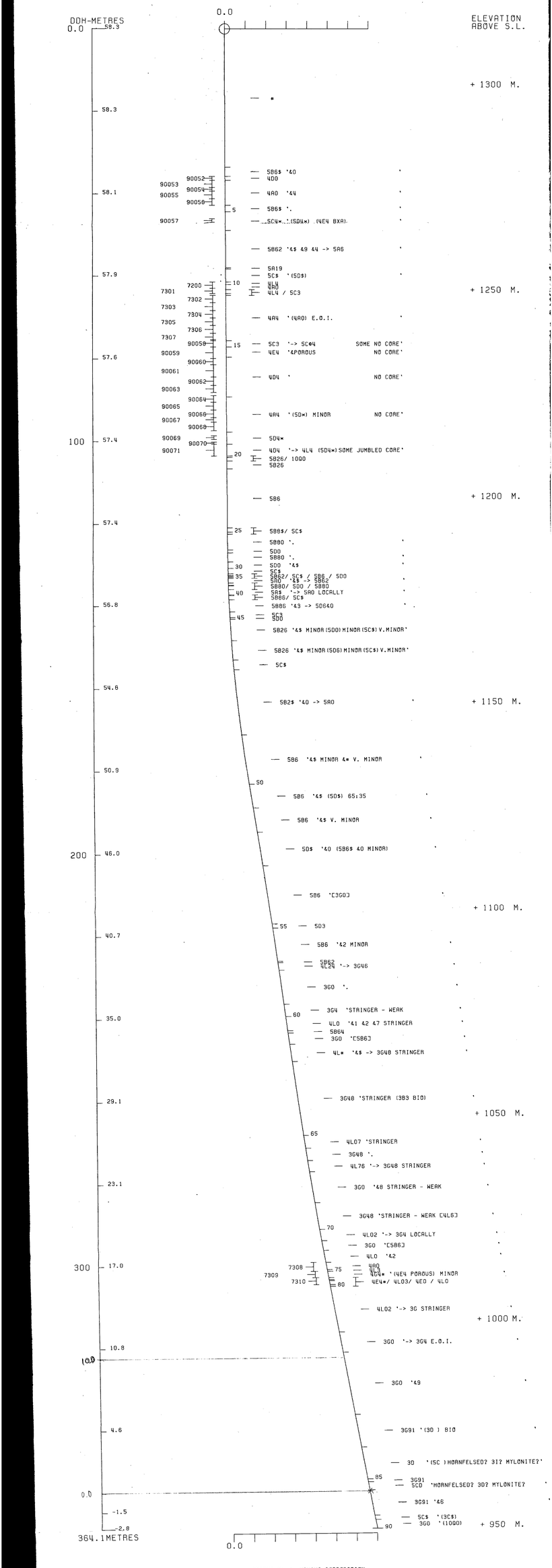
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1302 592365E ; 905149N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 656.0 Z = 1313.5

SECTION NAME: 74W



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 12 DEC 1984 11:29 AM

DDH: FAGA073 -- 42 DEGREE PROFILE

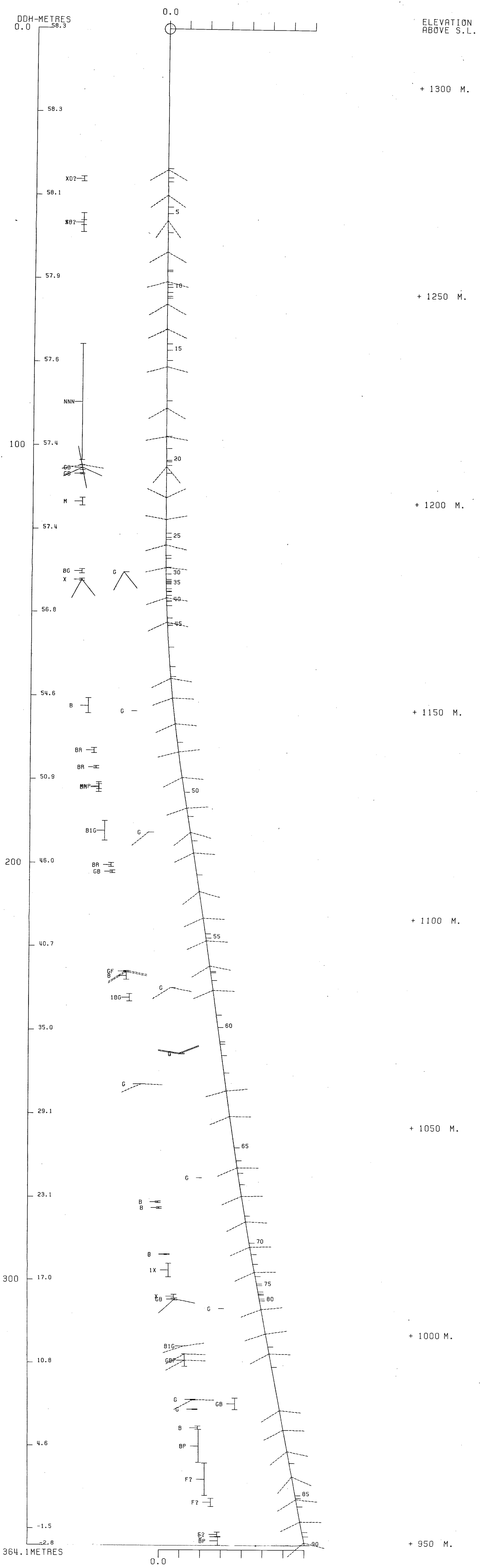
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1302 592365E ; 905149N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 656.0 Z = 1313.5

SECTION NAME: 74W



ELEVATION ABOVE S.L.

+ 1300 M.

+ 1250 M.

+ 1200 M.

+ 1150 M.

+ 1100 M.

+ 1050 M.

+ 1000 M.

+ 950 M.

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 12 DEC 1984 11:35 AM

75 A088

DRILL HOLE	:	FAGA088
NORTHING	:	905,035.3
EASTING	:	592,341.9
ELEVATION	:	1,303.4
TOTAL DEPTH	:	337.6
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 CRE-SAMPLES:	72
NOS DOWN-H-SURVEYS:	6
NOS DOWN-H-LITHOLOGY:	104
NOS DOWN-H-STRUCTURE:	74
NOS DOWN-H-FAULTS:	25
NOS DOWN-H-SPLINES:	6
NOS COMPOSITES:	0

DDH: FAGA088 UTM-N: 905,035.3 UTM-E: 592,341.9 UTM-ELEV: 1,303.4 TOTAL DEPTH: 337.6 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DEPTHS FROM	DEPTHS TO	SAMPLE NO.	INT.	REC.	ROCK UNIT	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.
116.4	118.1	90146	1.7	1.5	4EA4			5.70	9.55		79.50										
118.1	120.1	90147	2.0	1.5	4EA4			2.00	3.90		22.30										
120.1	122.2	09186	2.1	2.1	4D0	2.92	.05	1.92	3.20	27.00		.62	1	1	3						
122.2	123.7	09187	1.5	1.5	4C0	2.98	.06	1.50	2.80	18.00		.75	1	6	7						
123.7	125.1	09188	1.4	1.3	4C0	2.98	.09	1.38	1.80	19.00		.69	1	7	9						
125.1	126.3	09189	1.2	1.2	4L0	3.03	.04	1.05	3.60	28.00		.21	6	3	10						
126.3	126.8	09190	.5	.4	4B4	2.99	.07	1.71	4.80	37.00		.34	4	3	7						
126.8	127.1	09191	.3	.3	4L1	2.89	.03	.10	.60	6.00		.21	5	2	7						
127.1	128.7	09192	1.6	1.6	4A3	3.34	.11	1.32	2.80	25.00	30.00	1.03	3	11	15						
129.5	129.9	09193	.4	.4	4D4	3.52	.05	4.20	7.50	61.00		.89	2	11	14						
134.0	135.3	09194	1.3	1.3	4E1	4.18	.07	.68	1.58	28.00		.89	3	33	37						
135.3	135.9	09195	.6	.6	4AE4	3.85	.04	3.50	6.50	88.00		1.30	1	14	16						
135.9	138.1	09196	2.2	2.2	4C0	3.75	.12	.90	1.15	32.00		.62	8	22	30						
138.1	139.3	09197	1.2	1.1	4D4	3.38	.03	4.70	10.20	80.00		.89	1	11	13						
139.3	140.6	09198	1.3	1.3	4A4	3.46	.10	7.20	14.60	115.00		1.71	2	9	11						
140.6	141.2	09199	.6	.6	4D4	3.51	.09	7.90	14.20	119.00		1.37	2	8	11						
141.2	142.9	09200	1.7	1.6	4A4	3.43	.16	5.50	9.80	90.00		1.37	1	11	13						
142.9	144.5	09201	1.6	1.6	4A4	3.29	.06	3.50	7.90	59.00		1.03	1	10	12						
144.5	146.2	09202	1.7	1.6	4A4	3.43	.03	3.20	6.20	51.00	53.00	.89	1	11	12						
146.2	147.6	09203	1.4	1.4	4A4	3.39	.04	3.00	6.20	52.00		.89	1	14	16						
147.6	149.7	09204	2.1	1.3	4A13	3.32	.08	1.25	3.30	32.00		.89	1	17	18						
149.7	151.7	09205	2.0	1.9	4A134	3.50	.07	2.40	4.80	49.00		.89	1	19	21						
151.7	153.6	09206	1.9	1.9	4A134	3.61	.08	1.77	3.80	42.00		1.23	1	22	24						
153.6	155.5	09207	1.9	1.8	4A134	3.56	.05	1.95	4.20	44.00		1.10	1	20	21						
155.5	157.4	09208	1.9	1.9	4A134	3.24	.02	1.92	4.80	41.00		.75	1	12	13						
157.4	157.7	09209	.3	.3	4L5	2.95	.05	.18	1.15	6.00		.14	5	2	7						
160.9	162.3	09210	1.4	1.4	5D4*	3.02	.01	.96	2.94	18.00		.27	5	4	9						
166.4	167.8	09211	1.4	1.4	4A34	3.16	.03	2.06	4.60	42.00		.62	1	10	12						
167.8	169.3	09212	1.5	1.4	4A3	3.62	.03	1.14	3.50	33.00	31.00	.82	1	19	21						
169.3	170.7	09213	1.4	1.4	4A34	3.50	.05	2.40	5.10	46.00		.75	1	15	16						
176.9	178.4	09214	1.5	1.5	4H1#4	3.51	.06	4.00	5.20	66.00		.27	9	6	16						
197.8	199.0	09215	1.2	1.2	4A14	3.42	.04	4.80	10.10	94.00		.41	3	8	11						
199.0	200.3	09216	1.3	.2	4A14	3.28	.01	4.70	12.20	97.00		.55	1	6	8						
200.9	201.2	09217	.3	.3	4A134	3.12	.04	1.94	3.80	36.00		.55	3	8	11						
204.1	204.8	90148	.7	.3	4A4			4.28	6.55		57.60										
204.8	205.7	90149	.9	.8	4DE4			5.68	8.77		80.60										
205.7	208.0	90150	2.3	2.3	4DE4			7.87	10.83		103.90										
208.0	208.8	90151	.8	.6	4DE4			5.03	5.40		57.60										
209.4	210.0	90152	.6	.5	4DE4			5.64	6.24		67.50										
210.7	211.3	09218	.6	.6	4DE14	4.03	.12	3.20	3.60	50.00		1.71	1	24	26						
211.3	212.8	09219	1.5	1.5	4LEH	3.31	.08	1.48	1.40	26.00		.55	3	10	14						

DDH: FAGA088 UTM-N: 905,035.3 UTM-E: 592,341.9 UTM-ELEV: 1,303.4 TOTAL DEPTH: 337.6 SECTION: W 74
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.
212.8	214.4	09220	1.6	1.3	4LEH	3.34	.07	1.72	1.86	33.00		1.03	2	14	16						
214.4	216.2	09221	1.8	1.8	4E#4	4.91	.21	7.10	12.30	166.00		2.81	1	29	31						
216.2	217.9	09222	1.7	1.4	4E#4	4.51	.11	7.60	12.90	130.00		1.65	1	26	27						
217.9	218.3	09223	.4	.3	4K4	4.07	.04	3.10	4.10	36.00		.82	2	22	25						
218.3	220.0	09224	1.7	1.7	4E4	4.66	.16	3.90	6.00	65.00		1.58	1	36	37						
220.0	221.7	09225	1.7	1.7	4E4	4.89	.15	3.10	4.90	61.00		1.30	1	38	39						
221.7	222.8	09226	1.1	1.1	4A134	3.35	.04	2.60	4.40	42.00	38.00	.82	1	11	12						
222.8	223.9	09227	1.1	1.1	4L127	3.10	.08	.51	.78	12.00		.41	3	6	10						
271.1	272.7	09228	1.6	1.6	4A1		.07	.06	.22	4.00											
272.7	274.4	09229	1.7	1.6	4A1		.07	.05	.10	5.00											
274.4	276.0	09230	1.6	1.2	4A1		.16	.05	.11	5.00											
276.0	277.0	09231	1.0	.9	4EA		.14	4.40	8.80	64.00											
277.0	278.6	09232	1.6	1.6	4A13		.08	.06	.11	4.00											
286.1	286.8	09233	.7	.6	4LE		.08	.82	.98	10.00											
286.8	288.2	09234	1.4	1.3	4D8	3.81	.27	2.80	2.90	31.00		.27	13	14	27						
288.2	289.6	09235	1.4	1.4	4D8	3.83	.20	2.80	3.40	31.00		.01	14	14	28						
299.0	299.9	09236	.9	.8	4A13	2.89	.02	.61	1.63	10.00		.21	1	1	3						
299.9	301.1	09237	1.2	.3	4DE	3.38	.03	3.30	5.50	59.00		.41	1	11	13						
301.8	303.6	09238	1.8	1.2	4A14	3.34	.02	1.75	3.80	34.00		.62	1	7	9						
303.6	305.9	09239	2.3	2.1	4E8	4.56	.32	1.17	1.67	28.00		1.85	4	36	40						
305.9	307.8	09240	1.9	.9	4EC	3.94	.34	.43	.28	22.00		2.54	2	30	32						
307.8	309.1	09241	1.3	1.2	4EC	4.30	.32	.85	.70	16.00		1.44	5	32	37						
309.1	310.0	09242	.9	.6	4E14	4.04	.18	5.20	4.00	58.00		1.10	10	20	31						
310.0	310.9	09243	.9	.5	4C38	3.84	.29	.32	.73	12.00		2.47	3	26	30						
310.9	312.3	09244	1.4	1.1	4EC	3.86	.30	1.42	1.06	26.00	24.00	.82	3	23	26						
312.3	313.6	09245	1.3	1.2	4EC	4.49	.33	.61	.77	21.00		1.10	2	26	29						
314.9	316.6	09246	1.7	1.0	4L12		.08	.14	.21	8.00											
316.6	318.3	09247	1.7	1.7	4L12		.21	.05	.07	4.00											
318.3	320.0	09248	1.7	.8	4L12		.13	.53	.77	13.00											
320.0	321.4	09249	1.4	.9	5A1		.02	1.84	2.80	40.00											
327.4	329.2	90153	1.8	1.8	4L2			.13	.37		4.10										
WEIGHTED AVERAGE																					
116.4	128.7		12.3	11.4		2.12	.04	2.12	3.97	16.60	18.51	.44	1	4	5						
129.5	129.9		.4	.4		3.52	.05	4.20	7.50	61.00		.89	2	11	14						
134.0	157.7		23.7	22.4		3.50	.07	2.84	5.82	54.50	3.80	.99	2	16	18						
160.9	162.3		1.4	1.4		3.02	.01	.96	2.94	18.00		.27	5	4	9						
166.4	170.7		4.3	4.2		3.43	.03	1.84	4.37	40.16	10.81	.73	1	15	16						
176.9	178.4		1.5	1.5		3.51	.06	4.00	5.20	66.00		.27	9	6	16						
197.8	200.3		2.5	1.4		3.34	.02	4.74	11.19	95.56		.48	2	7	9						
200.9	201.2		.3	.3		3.12	.04	1.94	3.80	36.00		.55	3	8	11						
204.1	208.8		4.7	4.0				6.43	8.87		84.66										
209.4	210.0		.6	.5				5.64	6.24		67.50										
210.7	223.9		13.2	12.5		4.10	.11	3.72	5.84	70.42	3.16	1.35	1	23	25						

DDH: FAGA088 UTM-N: 905,035.3 UTM-E: 592,341.9 UTM-ELEV: 1,303.4 TOTAL DEPTH: 337.6 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

----DEPTHS--- FROM	TO	SAMPLE NO.	INT.	REC.	ROCK UNIT	ASSAYS S.G. PULP	CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
271.1	278.6		7.5	6.9			.10	.63	1.28	12.44											
286.1	289.6		3.5	3.3		3.05	.20	2.40	2.71	26.80		.11	10	11	22						
299.0	301.1		2.1	1.1		3.17	.02	2.14	3.84	38.00		.32	1	7	9						
301.8	313.6		11.8	8.8		4.06	.26	1.31	1.59	26.68	2.84	1.51	3	25	29						
314.9	321.4		6.5	4.4			.11	.58	.87	15.15											
327.4	329.2		1.8	1.8				.13	.37		4.10										

DDH: FAGA088 UTM-N: 905,035.3 UTM-E: 592,341.9 UTM-ELEV: 1,303.4 TOTAL DEPTH: 337.6 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	179.000	120.500
121.900	176.000	49.500
182.900	177.500	123.000
256.000	173.000	55.000
317.000	169.000	106.000

DDH: FAGA088 UTM-N: 9C5,035.3 UTM-E: 592,341.9 UTM-ELEV: 1,303.4 TOTAL DEPTH: 337.6 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
14.0	0001	#		0.5-	1
20.4	0002	5B0		0.5-	1
20.9	0003	5D0		0.5-	1
29.9	0004	5B0		0.5-	1
36.0	0005	5D0	(5B0) MINOR	0.5-	1
37.1	0006	5B0		0.5-	1
38.3	0007	5D0		0.5-	1
68.1	0008	5B80		0.5-	1
73.1	0009	5B0	(5D0) 80:20	0.5-	1
74.2	0010	5D0		0.5-	1
79.6	0011	5B0		0.5-	1
79.9	0012	5D0		0.5-	1
80.8	0013	5B0		0.5-	1
81.1	0014	5D0		0.5-	1
82.2	0015	5AC	(5D0) 90:10	0.5-	1
84.7	0016	5D0		0.5-	1
86.1	0017	5A0		0.5-	1
87.8	0018	5B0		0.5-	1
88.4	0019	5D0		0.5-	1
104.6	0020	5B0	->5B80	0.5-	1
107.4	0021	5D0		0.5-	1
116.1	0022	5B2$		0.5-	1
116.4	0023	5A6		0.5-	1
118.6	0024	4EA	&4 NO CORE	0.5-	1
118.9	0025	5D4*		0.5-	1
125.1	0026	4C0	(4D0)SER.(4A1 &4)SOME NO CORE	0.5-	1
126.3	0027	4L0	(5C4*)	0.5-	1
126.8	0028	4B0	&4 BXA	0.5-	1
127.1	0029	4L1		0.5-	1
128.7	0030	4A3		0.5-	1
129.5	0031	5C4@	(4L0)	0.5-	1
129.9	0032	4D4		0.5-	1
134.0	0033	4L0	-> 4L3	0.5-	1
135.3	0034	4E1	& BXA (4L12) MINOR AT T.O.I.	0.5-	1
135.9	0035	4A13	(4E0 &4) 50:50	0.5-	1
138.3	0036	4C0	&7 BXA	0.5-	1
139.3	0037	4D4	(4E1) MINOR AT T.O.I.	0.5-	1
140.6	0038	4A4		0.5-	1
141.2	0039	4D4	SERICITIC	0.5-	1
147.8	0040	4A4		0.5-	1
157.4	0041	4A13	&4 (4E0 &4)	0.5-	1
158.0	0042	4L5	(5C4*) 60:40	0.5-	1
160.7	0043	5A6		0.5-	1
162.1	0044	5D4@	(4D4) AT T.O.I. AND E.O.I.	0.5-	1
165.5	0045	5A6		0.5-	1
166.4	0046	5B6	&4	0.5-	1
170.7	0047	4A34	&1	0.5-	1
176.9	0048	4L1	(5D4@)	0.5-	1
178.4	0049	4H1#	4 BXA	0.5-	1
182.9	0050	5B6	-> 5B62	0.5-	1
187.0	0051	4L0		0.5-	1

DDH: FAGA038 UTM-N: 905,035.3 UTM-E: 592,341.9 UTM-ELEV: 1,303.4 TOTAL DEPTH: 337.6 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	INC
193.1	0052	5B6	(4L) MINOR - MAINLY GOUGE	0.5-	1
197.8	0053	4LO		0.5-	1
201.2	0054	4A41	(4A13) 90:10 SOME NO CORE	0.5-	1
204.1	0055	5B6*	? [3GO] MUCH NO CORE	0.5-	1
204.8	0056	4A4	?	0.5-	1
208.8	0057	4D3	BXA [4DE]	0.5-	1
209.4	0058	5B6	(4L) MINOR - MAINLY GOUGE	0.5-	1
210.0	0059	4D3	BXA [4DE]	0.5-	1
210.7	0060	4LO	(4L3?) GOUGE	0.5-	1
211.3	0061	4D3	BXA [4DE]	0.5-	1
214.4	0062	4LC	&1 &4 (4E,4A,4H,10QO) MINOR	0.5-	1
221.7	0063	4E4#	& POROUS (4KO) 5%	0.5-	1
222.8	0064	4A13		0.5-	1
223.9	0065	4C7	[4L127]	0.5-	1
225.0	0066	5A1	[4A1 *NO. SULPH]	0.5-	1
230.6	0067	5C4@		0.5-	1
242.9	0068	5B6	(4LO) MINOR [3GO]	0.5-	1
244.6	0069	4LO	(5D4@)	0.5-	1
249.9	0070	5B6	[3GO]	0.5-	1
255.5	0071	4LC	[5D4@]	0.5-	1
266.5	0072	5B6	[3GO]	0.5-	1
269.1	0073	4L1		0.5-	1
270.7	0074	5B6	[3GO]	0.5-	1
271.1	0075	5D4@		0.5-	1
276.0	0076	4A1	&3	0.5-	1
277.0	0077	4E4	(4A3 &1) 75:25	0.5-	1
278.6	0078	4AO	[4A13 (3G12)]	0.5-	1
281.3	0079	5B6	[3GO]	0.5-	1
283.9	0080	4LC	(5B6) MINOR	0.5-	1
285.4	0081	5B6		0.5-	1
286.1	0082	4LO		0.5-	1
286.8	0083	4L1	(4E8)	0.5-	1
289.6	0084	4D8	(4E18) [4ED8]	0.5-	1
290.8	0085	4L1		0.5-	1
294.3	0086	5B6	[3GO]	0.5-	1
299.0	0087	5A6		0.5-	1
299.9	0088	4A13		0.5-	1
301.1	0089	4DE	BXA	0.5-	1
301.8	0090	5A6		0.5-	1
303.6	0091	4A1	&3 &4	0.5-	1
304.2	0092	4EO	BXA	0.5-	1
305.9	0093	4E8		0.5-	1
309.1	0094	4C3	&8	0.5-	1
310.0	0095	4E14	8	0.5-	1
310.9	0096	4C3	&8	0.5-	1
313.6	0097	4C3	BXA	0.5-	1
314.9	0098	4LO	(10QO) GOUGE AT T.O.I.	0.5-	1
320.0	0099	4L12	&9 (4CO)	0.5-	1
321.4	0100	5A1	(5C4*) (4D4) MINOR	0.5-	1
324.6	0101	5B6	[3GO]	0.5-	1
327.4	0102	4L1		0.5-	1

DDH: FAGA088 UTM-N: 905,035.3 UTM-E: 592,341.9 UTM-ELEV: 1,303.4 TOTAL DEPTH: 337.6 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
329.2	0103	4L21		0.5-	1
337.7	0104	4L1		0.5-	1

DDH: FAGA088 UTM-N: 905,035.3 UTM-E: 592,341.9 UTM-ELEV: 1,303.4 TOTAL DEPTH: 337.6 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
FAGA088	0.0	18.9	CS2		0	0	0	0	67	230	C	1	1	1
FAGA088	0.0	25.0	CS2		0	0	0	0	70	230	C	1	1	1
FAGA088	0.0	28.0	CS2		0	0	0	0	72	230	C	1	1	1
FAGA088	14.0	28.7	CS2	S	0	0	0	0	0	0	C	1	1	1
FAGA088	0.0	30.7	CS2	Z	0	0	0	0	65	230	C	1	1	1
FAGA088	28.7	30.8	CS2	Z	0	0	0	0	0	0	C	1	1	1
FAGA088	0.0	36.0	CS2	D	0	0	0	0	80	230	C	1	1	1
FAGA088	0.0	43.2	CS2		0	0	0	0	81	230	C	1	1	1
FAGA088	41.6	43.3	CS2	Z	0	0	0	0	0	0	C	1	1	1
FAGA088	0.0	49.4	CS2	D	0	0	0	0	80	230	C	1	1	1
FAGA088	0.0	55.5	CS2		0	0	0	0	79	230	C	1	1	1
FAGA088	51.2	58.5	CS2	S	0	0	0	0	0	0	C	1	1	1
FAGA088	0.0	61.6	CS2		0	0	0	0	74	230	C	1	1	1
FAGA088	0.0	68.0	CS2		0	0	0	0	74	230	C	1	1	1
FAGA088	0.0	74.1	CS2		0	0	0	0	75	230	C	1	1	1
FAGA088	0.0	80.2	CS2		0	0	0	0	78	230	C	1	1	1
FAGA088	0.0	85.9	CS2		0	0	0	0	90	230	C	1	1	1
FAGA088	58.5	86.0	CS2	M	0	0	0	0	0	0	C	1	1	1
FAGA088	0.0	91.8	CS2		0	0	0	0	81	230	C	1	1	1
FAGA088	86.0	91.9	CS2	S	0	0	0	0	0	0	C	1	1	1
FAGA088	0.0	97.8	CS2		0	0	0	0	77	230	C	1	1	1
FAGA088	0.0	104.2	CS2		0	0	0	0	69	230	C	1	1	1
FAGA088	91.9	104.3	CS2	S	0	0	0	0	0	0	C	1	1	1
FAGA088	0.0	111.9	CS2		0	0	0	0	72	230	C	1	1	1
FAGA088	0.0	116.3	CS2		0	0	0	0	79	230	C	1	1	1
FAGA088	107.6	116.4	CS2	S	0	0	0	0	0	0	C	1	1	1
FAGA088	0.0	125.9	CS2		0	0	0	0	75	230	C	1	1	1
FAGA088	120.1	129.5	CS2	M	0	0	0	0	0	0	C	1	1	1
FAGA088	0.0	132.0	CS2		0	0	0	0	68	230	C	1	1	1
FAGA088	129.5	134.0	CS2	Z	0	0	0	0	0	0	C	1	1	1
FAGA088	0.0	140.2	PS2	P	0	0	0	0	57	230	C	1	1	1
FAGA088	0.0	146.3	CS2		0	0	0	0	75	230	C	1	1	1
FAGA088	140.5	148.6	CS2	S	0	0	0	0	0	0	C	1	1	1
FAGA088	0.0	151.5	CS2		0	0	0	0	71	230	C	1	1	1
FAGA088	148.6	152.7	CS2	Z	0	0	0	0	0	0	C	1	1	1
FAGA088	0.0	157.1	CS2		0	0	0	0	60	230	C	1	1	1
FAGA088	0.0	163.0	CS2		0	0	0	0	76	230	C	1	1	1
FAGA088	152.7	163.1	CS2	S	0	0	0	0	0	0	C	1	1	1
FAGA088	163.1	167.0	CS2	Z	0	0	0	0	0	0	C	1	1	1
FAGA088	0.0	169.2	PS2	P	0	0	0	0	69	230	C	1	1	1
FAGA088	0.0	175.6	CS2		0	0	0	0	75	230	C	1	1	1
FAGA088	0.0	181.7	CS2		0	0	0	0	80	230	C	1	1	1
FAGA088	0.0	187.0	CS2		0	0	0	0	85	230	C	1	1	1
FAGA088	170.6	187.1	CS2	M	0	0	0	0	0	0	C	1	1	1
FAGA088	0.0	192.9	PS2	P	0	0	0	0	73	230	C	1	1	1
FAGA088	0.0	199.0	PS2	P	0	0	0	0	75	230	C	1	1	1
FAGA088	187.1	203.6	PS2	P	0	0	0	0	0	0	C	1	1	1
FAGA088	0.0	213.1	PS2	P	0	0	0	0	56	230	C	1	1	1
FAGA088	0.0	219.5	PS2	P	0	0	0	0	88	230	C	1	1	1
FAGA088	210.9	221.6	PS2	P	0	0	0	0	0	0	C	1	1	1
FAGA088	0.0	225.6	CS2		0	0	0	0	77	230	C	1	1	1

DDH: FAGA088 UTM-N: 905,035.3 UTM-E: 592,341.9 UTM-ELEV: 1,303.4 TOTAL DEPTH: 337.6 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
FAGA088	0.0	231.6	CS2		0	0	0	0	79	230	0	1	1	1
FAGA088	0.0	237.7	CS2		0	0	0	0	69	230	0	1	1	1
FAGA088	0.0	243.8	CS2		0	0	0	0	70	230	0	1	1	1
FAGA088	221.6	246.0	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGA088	0.0	249.6	CS2		0	0	0	0	77	230	0	1	1	1
FAGA088	246.0	249.9	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGA088	0.0	256.0	PS2		0	0	0	0	72	230	0	1	1	1
FAGA088	0.0	262.1	PS2		0	0	0	0	70	230	0	1	1	1
FAGA088	0.0	269.0	PS2		0	0	0	0	64	230	0	1	1	1
FAGA088	0.0	274.9	PS2		0	0	0	0	80	230	0	1	1	1
FAGA088	0.0	280.4	PS2		0	0	0	0	77	230	0	1	1	1
FAGA088	0.0	285.8	PS2		0	0	0	0	80	230	0	1	1	1
FAGA088	249.9	285.9	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGA088	0.0	292.0	CS2		0	0	0	0	80	230	0	1	1	1
FAGA088	285.9	294.1	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGA088	0.0	297.8	PS2		0	0	0	0	69	230	0	1	1	1
FAGA088	0.0	304.5	PS2		0	0	0	0	84	230	0	1	1	1
FAGA088	0.0	310.0	PS2		0	0	0	0	67	230	0	1	1	1
FAGA088	0.0	316.1	PS2		0	0	0	0	63	230	0	1	1	1
FAGA088	0.0	322.2	PS2		0	0	0	0	71	230	0	1	1	1
FAGA088	0.0	328.3	PS2		0	0	0	0	70	230	0	1	1	1
FAGA088	0.0	334.4	PS2		0	0	0	0	74	230	0	1	1	1
FAGA088	294.1	337.7	PS2	P	0	0	0	0	0	0	0	1	1	1

DDH: FAGAC88 UTM-N: 905,035.3 UTM-E: 592,341.9 UTM-ELEV: 1,303.4 TOTAL DEPTH: 337.6 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
FAGAC88	116.1	116.4	G			0	0	0	0	0	0	1
FAGAC88	118.5	118.8	G			0	0	0	0	0	0	1
FAGAC88	116.4	120.0	NNN			0	0	0	0	0	0	1
FAGAC88	126.3	126.7	D			0	0	0	0	0	0	1
FAGAC88	132.5	132.7	G			0	0	99	999	0	0	1
FAGAC88	134.0	134.5	X			0	0	99	999	0	0	1
FAGAC88	135.9	138.1	X			0	0	0	0	0	0	1
FAGAC88	171.3	176.8	1G			0	0	0	0	0	0	1
FAGAC88	176.8	178.3	X			0	0	0	0	0	0	1
FAGAC88	186.9	193.1	G			0	0	0	0	0	0	1
FAGAC88	199.0	200.2	P	1		0	0	0	0	0	0	1
FAGAC88	200.2	200.8	NNN			0	0	0	0	0	0	1
FAGAC88	203.6	208.7	NNN			0	0	0	0	0	0	1
FAGAC88	204.8	208.7	D			0	0	0	0	0	0	1
FAGAC88	208.7	209.3	G			0	0	0	0	0	0	1
FAGAC88	210.0	210.7	G			0	0	0	0	0	0	1
FAGAC88	210.7	211.3	D?			0	0	0	0	0	0	1
FAGAC88	266.4	269.1	P1G			0	0	0	0	0	0	1
FAGAC88	299.9	301.1	X			0	0	0	0	0	0	1
FAGAC88	299.9	303.5	P			0	0	0	0	0	0	1
FAGAC88	303.5	304.1	XF?			0	0	0	0	0	0	1
FAGAC88	305.8	307.8	P	1		0	0	0	0	0	0	1
FAGAC88	310.2	310.8	P	1		0	0	0	0	0	0	1
FAGAC88	310.8	313.6	XF			0	0	0	0	0	0	1
FAGAC88	314.3	314.5	G			0	0	0	0	0	0	1

DDH: FAGA088 UTM-N: 905,035.3 UTM-E: 592,341.9 UTM-ELEV: 1,303.4 TOTAL DEPTH: 337.6 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGA088	1	2
FAGA088	2	2
FAGA088	3	2
FAGA088	4	2
FAGA088	5	2
FAGA088	6	1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 75-A088

Project: GRUM RELOG

Location: VANGORDA PLAT.

Claim: _____

UTM Terr. Plane Co-ords.: 6,905,035.3 N

1979 Hess Orthophoto Survey

592,341.9 E

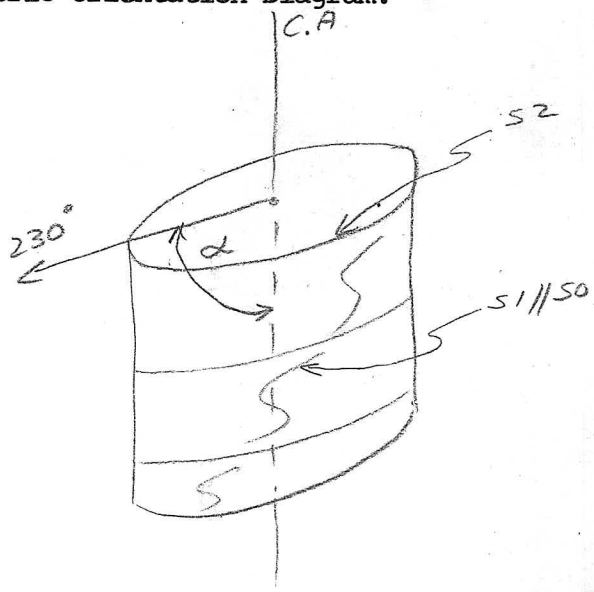
Grid Co-ords.: 74W/6N

_____

Elevation: 1303.36 m.

Total Depth: 1108.0 ft.

Fabric Orientation Diagram:



All symmetry determinations looking

NW with S2 dipping

SW with dip azimuth 230°.

Purpose: _____

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

Drilling Contractor: _____

Core: Size From To Collar Cased and Capped: ____

_____ _____ _____

_____ _____ _____

_____ _____ _____

Started: _____ Completed: _____

Cyprus Anvil Mining Corp.
Diamond Drill Core Log

DDH 75-A088

Code	Drillhole	Elevation	Northing	Easting	Comments
1	2 8	10 16	17 24	25 32	34 48
T	75-A088	1303.4	9050350.3	592341.9	FEET

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2 8	10 14	22 26	28 32	34 56
R	75-A088	0.0	180.0	0.0	ATCOLLAR
R	75-A088	200.0	179.0	120.5	TRIPARI
R	75-A088	400.0	176.0	49.5	
R	75-A088	600.0	177.5	123.0	
R	75-A088	840.0	173.0	55.0	
R	75-A088	1040.0	169.0	106.0	
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 75-A088

Cyprus Anvil Mining Corp.
Lithologic Log

Logged By: DJH

Code	From ft.	To ft.	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
L	1 1 10 0	1 1460	11	1 1#	o/B - no core
L	1 1460	1 1670	12	5B10	musc >> chl.
L	1 1670	1 1685	13	5D13	
L	1 1685	1 1980	14	5B10	as unit 2
L	1 1980	1 1 1 8 1	15	5D13	w/ minor 5B0
L	1 1 1 8 1	1 1 2 1 6	16	5B10	as units 2 & 4
L	1 1 2 1 6	1 1 2 5 7	17	5D13	
L	1 1 2 5 7	1 2 1 2 3 4	18	5B18	→ 5B83 ; chl > musc.
L	1 2 1 2 3 4	1 2 1 3 9 7	19	5B1D	80:20 5B0:5D3
L	1 2 1 3 9 7	1 2 1 4 3 3	10	5D13	
L	1 2 1 4 3 3	1 2 6 1 0	11	5B10	as units 2, 4, 6 ✓
L	1 2 6 1 0	1 2 6 2 0	12	5D13	
L	1 2 6 2 0	1 2 6 5 0	13	5B10	
L	1 2 6 5 0	1 2 6 6 1	14	5D13	
L	1 2 6 6 1	1 2 6 9 7	15	5A13	w/ 10% 5D3
L	1 2 6 9 7	1 2 7 1 8 0	16	5D13	
L	1 2 7 1 8 0	1 2 8 2 6	17	5A13	
L	1 2 8 2 6	1 2 8 8 0	18	5B10	
L	1 2 8 8 0	1 2 9 0 0	19	5D13	
L	1 2 9 0 0	1 3 4 3 3	210	5B10	→ 5B73 locally ; also minor 5B83 w/ chl > musc.
L	1 3 4 1 3 3	1 3 5 2 4	21	5D13	
L	1 3 5 2 4	1 3 8 1 0	212	5B12	$Fe, Mg\ CO_3$ =
L	1 3 8 1 0	1 3 8 1 2 0	213	5A10	graphitic gouge
L	1 3 8 1 2 0	1 3 8 9 0	214	4EIA	→ 4EA4 ? core missing - possibly just 4A4; 40% py.
	1 1 1	1 1 1	1	1 1	
L	1 3 8 9	1 3 9 1 0	215	4L10	→ 5G4 w/ mariposite ; gouge
L	1 3 9 0 5	1 4 1 1 0 3	216	4C10	+(4D0) - B0 4H SERICITIC + (4A1 ± 4) core missing to 394.0 ; 10-15% tot. sdes ;
	1 1 1	1 1 1	1	1 1	some reddish sph.
L	1 4 1 1 0 3	1 4 1 1 4 5	217	4L0	+ (5G4) w/ some mariposite + minor qtzite bxias.
L	1 4 1 1 4 5	1 4 1 1 6 0	218	4B10	+ (4B4 @ 20cm H/W) bxia. w/ rich red sph matrix. → Qz + 4L1 clasts ∴ NOT A FAULT.
L	1 4 1 1 6 0	1 4 1 1 7 0	219	4L11	
L	1 4 1 1 7 0	1 4 2 1 2 3	310	4A13	
L	1 4 2 1 2 3	1 4 2 1 5 0	31	5C 4 5D3	mod * ANK mottled w/ some 4L0 ; minor mariposite dev.
L	1 4 2 1 5 0	1 4 2 6 3	32	4D Ø4	
L	1 4 2 6 3	1 4 3 9 6	313	4L10	→ 4L3 ; Gouge $11S_2$ @ 434.8 - 435.6 ft
L	1 4 3 9 6	1 4 4 4 0	3A	4EID	w/ 20cm 4L0 (PA) L @ upper ct. ; 439.8 - 441.6 = CLOSED BRECCIA w 4E0 clasts in pyritic matrix → poss. fault $11S_2$

SD3 ar changed to 5D0 on computer

DDH 75-A088

Cyprus Anvil Mining Corp.
Lithologic Log

Logged By: DJH

Code	From	To	Unit	Code	Description
	10 14	16 20	22 23	25 27	
L	1414.0	1416.0	35	4EA	3 4EA4 (4A13 + (4E0 ±4)) ; 50:50 4E4 : 4A4
L	1416.0	1453.2	36	4C10	bxia w/ mass py matrix (closed + minor PO, clasts – CONTACTS? – ROSS 115) ; some frags 4L
L	1453.2	1457.0	37	4D4	~20% tot sdes – SERICITIC + (4E1 @ 10cm H/w)
L	1457.0	1461.2	38	4A14	
L	1461.2	1463.3	39	4D14	lots of red sph. – SERICITIC
L	1463.3	1484.3	410	4A14	
L	1484.3	1516.5	41	4A0	(V3) ±4 + (4E0 ±4)
L	1516.5	1518.3	42	4L15	+ (5C43 @ 5175-5183) ; 5% mottled text.; ± mariposite
L	1518.3	1532.0	413	5A16	
L	1532.0	1536.3	414	4L3	w/ minor qtz 5D4* – ANK – 20.2% FUCHSITE ose (4A) sdes @ top and bottom of interval;
L	1536.3	1540.8	415	5A16	
L	1540.8	1545.8	416	5B16	minor W.M. dev
L	1545.8	1560.2	417	4A13	(4/±1) red sph
L	1560.2	1580.3	418	4L3	→ 4L1 + (5D4* ANK) w/ minor grey dkc & SEVERAL 1 ft + GOUGES
L	1580.3	1585.3	419	4HK	→ 4H1* BRECCIA → OPEN – CALC AND/OR SILICEOUS (QZ), CLASTS IN PO → 4HK7 ; massive sde (po) matrix 70% and white $CO_3^=$ clasts 30% ; w/ 30% 5D 4C0; & 4HC*? + (4A14 @ 30cm H/w)
L	1585.3	1610.0	510	5B16	360? ; → 5B62 locally
L	1610.0	1613.5	511	4L10	– no sdes
L	1613.5	1633.6	512	5B16	360? heavily gouged ; minor 4L gouge
L	1633.6	1649.0	513	4L10	scattered dy cubes
L	1649.0	1660.0	514	4A14	(4/±1) 659.0 – 660.0 = 4A13 ; 0.5' core rec. 653-657 ; no core 657-659 ; C-PARTINGS ; grade generally decreasing towards E.O.I.
L	1660.0	1672.0	515	5B16	* core missing 668-685 ; 360? ; 669.5-672.0 = 4A4?
L	1672.0	1685.0	516	4DE	? bxia ; 4DE frags in sil. matrix
L	1685.0	1687.0	517	5B16	w/ minor 4L ; gouge zone
L	1687.0	1689.0	518	4DE	? as unit 56
L	1689.0	1691.3	519	4L10	4L3? gouge zone
L	1691.3	1693.3	610	4DE	* CLOSED BRECCIA OF 4D0, 4E4, & QZ CLASTS IN CALC MATRIX as units 56 & 58 + (4E0 @ 30cm H/w)
L	1693.3	1710.3	611	4L10	(2/±4) very hetero. int. but mainly 4L w/ minor 4E, 4A, 4H & QQO ✓
L	1710.3	1727.2	612	4E4	* CALC WHERE → 703.4-715.0 & 716.2-727.2 = ± POROUS finely porous → sandy locally (dissolved barite?) ; minor 4K0 ; becoming less porous and lower grade towards E.O.I.

965.4 – 1065.0 ft

Ft (m)

965.4 (294.3) – 981.0 (299.0) 5A5
981.0 – 984.0 (299.9) 4A13
984.0 – 988.0 (301.1) 4DE BXA
988.0 – 990.0 (301.8) 5A6
990.0 – 996.0 (303.6) 4A1 & 3 & 4
996.0 – 998.0 (304.2) 4E0 BXA
998.0 – 1003.5 (305.9) 4C8
1003.5 – 1014.0 (309.1) 4C3 & 8
1014.0 – 1017.0 (310.0) 4E1 & 8
1017.0 – 1020.0 (310.9) 4C3 & 8
1020.0 – 1029.0 (313.6) 4C3 BXA
1029.0 – 1033.2 (314.9) 4L0 (1090) GOUGE AT TOI
1033.2 – 1050 (320.0) 4L12 29 (4C0)
1050.0 – 1054.6 (321.4) 5A1 (5C4*) (404) miner
1054.6 – 1065.0 (324.6) 5BC

DDH 75-A088 (2 / 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Logged By: DJH

Code	From ft	To ft	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
L	17217 2	17310	613	4A1C	13/ - C-PARTINGS
L	17310	17346	614	4C17	4A13 → 5% W/S % DO
L	17346	17382	615	5A17	→ 4A1 - NO SULPHIDES weakly graphitic; like 4A but no sdes ← then its not 4A you twit
L	17382	17566	616	5D14	→ 5C4* - ANK. w/ mariposite; 3% COMMON minor 4L12 = 20%
L	17566	17970	617	5B16	360? v. minor 4LO
L	17970	18026	618	4L10	
L	18026	18200	619	5B16	360?
L	18210	18382	710	4L10	
L	18382	18742	711	5B16	360?; minor 4LO @ T.O.I.
L	18742	18830	712	4L11	? lost & blocky core w/ minor clay (gouge?)
L	18830	18880	713	5B16	360?
L	18880	18893	714	4L10	w/ mariposite; 5D4?
L	18893	19056	715	4A11	±3 ~5% sdes (py) - not split. + (3G12 - FINELY INTERBANDED) + C-PARTINGS
L	19056	19087	716	4E14	+(4A3) 75% 4E4 w/ 25% 4A3 ±1
L	19087	19141	717	4A10	→ 4A13 + (3G12 - FINELY INTERBANDED) + C-PARTINGS as unit 75; minor 4L1
L	19141	19230	718	5B16	360? w/ minor 4LO
L	19230	19315	719	4L10	w/ minor 5B6
L	19315	19365	80	5B16	360?
L	19365	19387	81	4L10	
L	19387	19410	82	4L12	→ 4L1 + (4E8 - BANDS)
L	19410	19500	83	4D18	+(4E18) + SERICITIC PARTINGS. 20% - 30% white cherty" $ qtz.; ~75% sde.; could be called 4ED or 4EC
L	19500	19540	814	4L10	1/
L	19540	19654	815	5B16	360?
L	19654	19840	816	5A16	non-calc; 3EO +(minor 4A13 @ 981.0 - 984.0 ft)
L	19840	19960	817	4A10	Poor Recovery lost core (984 - 988 = 4D4 + 4E4 + 4D4-QZ BRECCIA - FAULT; 988 - 990 = 5A6 - HIGH C)
L	19960	101035	818	4E18	996 - 998 = CLOSED 400 BRECCIA IN CALCITE MATRIX (990 - 996 = 4A1 ± 3 ± 4 - FRACT) - CONTACTS?
L	101035	101200	819	4EC	(±8) ~60% tot sdes (py) ✓ 1003.5 - 1010.0 & 1018 - 1020 = <15% RECOVERY 1019 - 1017 = 4E198
L	101200	101290	910	4EC	bxia.; frags of 4C & 4E in a silic. matrix.
L	101290	101332	91	4L10	+ some QPO; F/W 1031.4-1032' = gouge → DISRUPTION ASSOCIATED WITH UNDERLYING GOUGE
L	101332	101470	912	4E10	→ 4L12 + (QCO) ~20% sdes (py w/ tr. chpy)
L	101470	101650	913	5B16	360? → 1050.0 - 1054.6 = 4A1 - NO SULPHIDES + (minor 5C4*) + (minor 4D4)
L	101650	101742	914	4L10	1/
L	101742	101800	915	4L12	1/
L	101800	111080	916	4L10	1/
					END OF HOLE @ 1108'

DDH 75-208 (2 / 8)

Cyprus Anvil Mining Corp.
Structural Log

Logged By: DJH

Code	From	To	Feature	Sym	S_1 Dip Direct.	S_2 Dip Direct.	Description
1	10 14	16 20	22 24	26	28 32	34 38	
S		1620	CIS12			617 2310	S region 46-94'
S		1820	CIS12			710 2310	
S		1920	CIS12			712 2310	
S		1940	IF12	E			E region 94-101'
S		2010	IF12	Z		615 2310	D.D. region 101-136.5'
S		2018	CIS12			80 2310	
S		2065	IF12	D		717 2310	Z region 136.5-142.0
S		2120	IF12	Z		81 2310	D.D. region 142.0-168.0
S		2162	CIS12			80 2310	
S		2180	IF12	D			S region 168.0-192.0
S		2182	CIS12			719 2310	
S		2192	IF12	S			M region 192.0-282.0
S		2202	CIS12			714 2310	(large E)
S		2213	CIS12			714 2310	
S		2243	CIS12			715 2310	
S		2263	CIS12			718 2310	
S		2282	IF12	M		910 2310	Z region 282.0-301.5'
S		3015	IF12	3		81 2310	S region 301.5-342.3'
S		3210	CIS12			717 2310	
S		3423	IF12	S		619 2310	R region 342.3-353.0'
S		3530	IF12	R		712 2310	S region 353.0-382.0'
S		3617	CIS12			712 2310	
S		3812	IF12	S		719 2310	
							No core 382.0-394.0
S		3914	IF12	M		717 2310	M region 394.0-425.0
S		4113	CIS12			715 2310	(steep S1)
S		4215	IF12	M			Z region 425.0-439.6
S		4133	CIS12			68 2310	
S		4396	IF12	Z			R region 439.6-461.0
S		4610	PIS12			517 2310	
S		4610	IF12	R			S region 461.0-487.5
S		4810	CIS12			715 2310	
S		4875	IF12	E			E region 487.5-501.0
S		4970	CIS12			71 2310	
S		5010	IF12	3			S region 501.0-535.0
S		5155	CIS12			60 2310	

DDH Z5-A088 (2 / 8)

Cyprus Anvil Mining Corp.
Structural Log

Logged By: DJH

Code	From	To	Feature	Sym	S_1 Dip Direct.	S_2 Dip Direct.	Description
1	10 14	16 20	22 24	26	28 32	34 38	
S		151350	IF12	Z		716 2310	Z region 535.0-548
S		151480	IF12	Z			R region 548-559.8
S		151550	PIS12			619 2310	
S		151598	IF12	R			M region 559.8-614
S		151760	CIS12			715 2310	(Z-S sym in subequal amts)
S		151960	CIS12			810 2310	
S		161140	IF12	M		815 2310	P&R region 614-668
S		161330	PIS12			713 2310	
S		161530	PIS12			715 2310	
S		161680	IF12	P			No core 668-692
S		161920	IF12	R			R region 692-727
S		161990	PIS12			56 2310	
S		172100	PIS12			818 2310	
S		172170	IF12	R			Z region 727-807.0
S		174100	CIS12			717 2310	
S		176100	CIS12			719 2310	
S		178100	CIS12			619 2310	
S		180100	CIS12			710 2310	
S		180170	IF12	3			S region 807.0-820
S		181900	CIS12			717 2310	
S		182000	IF12	S			R region 820-849.0
S		184100	PIS12			712 2310	
S		184190	IF12	R			PS2 region 849-888
S		186100	PIS12			710 2310	(minor Z)
S		188125	PIS12			614 2310	
S		188180	IF12	P			R region 888-915
S		190120	PIS12			810 2310	
S		191500	IF12	R			P region 915-938
S		192000	PIS12			717 2310	
S		193180	IF12	P		810 2310	Z region 938-965
S		195180	CIS12			810 2310	
S		196150	IF12				R region 965-1047
S		197170	PIS12			619 2310	
S		199990	PIS12			814 2310	
S		201170	PIS12			617 2310	
S		203170	PIS12			613 2310	

DDH 75-A088 (2 / 8)

Cyprus Anvil Mining Corp.
Structural Log

Logged By: DJH

Code	From	To	Feature	Sym	S_1 Dip Direct.	S_2 Dip Direct.	Description
1	10 14	16 20	22 24	26	28 32	34 38	
S		1094.0	FZ	R			PS2 1047 – 1108.0
S		1057.0	PS2			71/230	
S		1077.0	PS2			70/230	
S		1097.0	PS2			74/230	
S		1108.0	FZ	P			
		EOH					

LOGGED 1980 / CHECKED & ASSAYED 1981

DDH 75-4-88 Cyprus Anvil Mining Corp Page ____ of ____

ASSAY LOG (SAMPLER'S COPY) Date 11 Aug/81 Logged/Checked by GG 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
P	5803	5853	92114	50	49	4H1*	/4/ BRECCIA
P	6490	6530	92115	40	39	4A14	
P	6530	6570	92116	40	08	4A14	
	6570	6590	———	20	00		NO RECOVERY
P	6590	6600	92117	10	10	4A13	
P	6695	6720	92153	25	10	5B9	→ #2090
P	6720	6750	92154	30	25	4DE4	WHOLE CORE SAMPLED → #2085
P	6750	6825	92155	75	70	4DE4	SEE K.A. ASSAYS → #2086
P	6825	6850	92156	25	20	4DE4	→ #2087
	6850	6870	———			5B6	-GOUGE / LOW GRADE NOT SAMPLED // ASSAY = 0%
P	6870	6890	92165	20	15	4DE4	WHOLE CORE SAMPLE SEE K.A. ASSAY #2088
	6890	6913	———	23	15	5B6	-GOUGE / LOW GRADE NOT SAMPLED // ASSAY = 0%
P	6913	6933	92118	20	20	4DE*	
P	6933	6983	92119	50	49	4L0	+ 4A, 4E, 4H, ORO;
P	6983	7034	92120	51	44	4L0	+ 4A, 4E, 4H, ORO;
P	7034	7092	92121	58	58	4E*4	- CALC, POROUS
P	7092	7150	92122	58	46	4E*4	- CALC, POROUS
P	7150	7162	92123	12	11	4K0	
P	7162	7217	92124	55	55	4E4	
P	7217	7272	92125	55	55	4E4	
P	7272	7310	92126	38	37	4A13	
P	7310	7346	92127	36	36	4L12	/7/
P	8893	8947	92128	54	54	4A1	±3
P	8947	9001	92129	54	54	4A1	±3
P	9001	9056	92130	55	41	4A1	±3
P	9056	9087	92131	31	31	4E4	+ (4A3±1)
P	9087	9141	92132	54	54	4A13	+ (4L4)

SPLIT

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

NOTE 9250 - 9265 are K.A. assay values.
IN DATABASE These sample numbers are 90146 - 90153

LOGGED 1980 / CHECKED & ASSAYED 1981

DDH 75-A-28 (2 / 8) Cyprus Anvil Mining Corp Page ____ of ____

ASSAY LOG (SAMPLER'S COPY) Date 11 Aug/81 CHECKED ~~Logged~~ by GG 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
P	1318.20	1318.75	912511	15.5	15.0	1E1A4	(WHOLE CORE SAMPLED BY K.A. → #2058
P	1318.75	1319.40	912512	16.5	15.0	1E1A4	+(5C4)+(4C0) SEE K.A LOGS → #2059
P	1319.40	1401.10	911816	17.0	17.0	1C101	+(4D0)+(4A1±4)
P	1401.10	1401.60	911817	15.0	15.0	1C101	+(4D0)
P	1401.60	1411.03	911818	14.3	14.3	1C101	+(4D0)
P	1411.03	1411.45	911819	14.2	14.0	1L101	+(5C4)
P	1411.45	1411.60	911910	11.5	11.5	1B01	+(4B4)
P	1411.60	1411.70	911911	11.0	11.0	1L11	
P	1411.70	1412.23	911912	15.3	15.2	1A13	
P	1412.23	1412.50	———	13.7	——	5C1*	LOW GRADE NOT SAMPLED // ASSAY = 0%
P	1412.50	1412.63	911913	11.3	11.2	1D41	
	1412.63	1413.96	———	133.	——	1L101	LOW GRADE NOT SAMPLED // ASSAY = 0%
P	1413.96	1414.40	911914	14.4	14.4	1E11	+(4E0 - BRECCIA)
P	1414.40	1416.60	911915	20.0	20.0	1A113	+(4E0±4)
P	1416.60	1415.32	911916	17.2	17.2	1C101	BRECCIA
P	1415.32	1415.70	911917	13.8	13.8	1D41	
P	1415.70	1416.12	911918	14.2	14.2	1A141	
P	1416.12	1416.33	911919	12.1	11.9	1D41	
P	1416.33	1416.87	912010	15.4	15.4	1A141	
P	1416.87	1417.41	912011	15.4	15.4	1A141	
P	1417.41	1417.95	912012	15.4	15.4	1A41	
P	1417.95	1418.43	912013	14.8	14.5	1A41	
P	1418.43	1419.13	912014	17.0	14.3	1A113	±4 + (4E0 ±4)
P	1419.13	1419.76	912015	16.3	16.1	1A113	±4 + (4E0 ±4)
P	1419.76	1501.39	912016	16.3	16.3	1A113	±4 + (4E0 ±4)
P	1501.39	1511.02	912017	16.3	15.8	1A113	±4 + (4E0 ±4)
P	1511.02	1511.65	912018	16.3	16.2	1A113	±4 + (4E0 ±4)
P	1511.65	1511.75	912019	1.0	1.0	1L15	SPLIT AS NEEDED
P	1512.80	1513.26	912110	14.6	14.6	5D4*	SPLIT AS NEEDED +(4D4)
P	1514.58	1515.06	912111	14.8	14.8	1A1314	±1
P	1515.06	1515.54	912112	14.8	14.8	1A1314	±1
P	1515.54	1516.02	912113	14.8	14.8	1A1314	±1

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

NOTE: Rounding error when converting feet to meters. Intervals may disagree with lithology intervals by 0.1m. in DATA BASE

LOGGED 1980/ CHECKED & ASSAYED 1981

DDH 75-A-88 (2 / 8) Cyprus Anvil Mining Corp Page ____ of ____

ASSAY LOG (SAMPLER'S COPY) Date 12 AUG/81 Logged by GG Checked 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
P	19387	19410	92312	23	21	4L11	+(4C8)
P	19410	19455	92314	45	45	4D81	+(4C8)
P	19455	19500	92315	45	45	4D81	+(4C8)
P	19810	19840	92316	30	25	5A61	+(minor 4A13)
P	19840	19880	92317	40	09	4D41	-BRECCIA
	19880	19900		20	05	5A61	LOW GRADE/POOR REC / NOT SAMPLED / ASSAY = 0%
P	19900	19960	92318	60	40	4A11	±3±4
P	19960	10035	92319	75	68	4E8	
P	10035	10110	92410	65	29	4EC1	±8
P	10110	10140	92411	40	40	AEC1	±8
P	10140	10170	92412	30	20	4E114	/8/
P	10170	10210	92413	30	15	4C8	
P	10210	10245	92414	45	36	4EC1	BRECCIA
P	10245	10290	92415	45	41	4EC1	BRECCIA
	10290	10332		42		4L10	+GOUGE / LOW GRADE NOT SAMPLED / ASSAY=0%
P	10332	10388	92416	56	33	4L112	+(4C0)
P	10388	10444	92417	56	57	4L112	+(4C0)
P	10444	10500	92418	56	26	4L112	+(4C0)
SPLIT { P	10500	10546	92419	46	31	4A11	+(5C4*) +(4D4)
P	10742	10800	9[illegible]510	58		4L12	LOW GRADE NOT SAMPLED / SEE K.A. LOG ASSAY #1848
							END OF HOLE @ 1108'

DDH 25-A-88 (2 / 8)

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

Logged By: DJH

Sampled By:

Code	From	To	Sample No.	Description		
1	10 14	16 20	22 27		LENGTH	REC.
P	3820	3875	120518	K.A.	5.5	5.0
P	3875	3940	120519	"	6.5	5.0
P	3940	4010	120610	"	7.0	7.0
P	4010	4110	120611	"	10.0	10.0
P	4110	4170	120612	"	6.0	6.0
P	4170	4225	120613	"	5.5	5.5
P	4250	4263	120614	"	1.3	1.3
P	4395	4440	120615	"	4.5	4.2
P	4440	4460	120616	"	2.0	2.0
P	4460	4535	120617	"	7.5	7.0
P	4535	4620	120618	"	8.5	8.0
P	4620	4710	120619	"	8.0	8.0
P	4710	4810	120710	"	10.0	10.0
P	4810	4850	120711	"	5.0	5.0
P	4850	4940	120712	"	9.0	9.0
P	4940	5030	120713	"	9.0	9.0
P	5030	5130	120714	"	10.0	10.0
P	5130	5165	120715	"	3.5	3.5
P	5165	5175	120716	"	1.0	1.0
P	5280	5290	120717	"	1.0	1.0
P	5453	5480	120718	"	2.7	2.4
P	5480	5560	120719	"	8.0	8.0
P	5560	5595	120810	"	3.5	3.5
P						
P	5810	5860	120811	"	6.0	5.0
P	6490	6530	120812	"	4.0	3.8
P	6530	6570	120813	"	4.0	0.7
P	6590	6600	120814	"	1.0	0.7
P	6695	6720	120910	"	2.5	1.0

DDH 25-A-88

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

Logged By: D.J.H.

Sampled By:

Code	From	To	Sample No.	Description	LENGTH	REC.
	10 14	16 20	22 27			
P	16712 0	16715 0	1210815	K.A.	3.0	2.5
P	16715 0	16825	1210816	K.A.	7.5	7.5
P	16825	16850	1210817	K.A.	2.5	2.0
P	16817 0	16819 0	1210818	K.A.	2.0	1.5
P	16911 3	16930	1210819	"	1.7	?
P	16930	16960	1210911	"	3.0	3.0
P	16960	17032	1210912	"	7.2	6.0
P	17032	17080	1210913	"	4.8	4.8
P	17080	17150	1210914	"	7.0	4.0
P	17150	17226	1210915	"	7.6	7.0
P	17226	17275	1210916	"	4.9	4.9
P	17275	17310	1210917	"	3.5	3.5
P	17310	17350	1212111	"	4.0	4.0
P	19055	19086	1210918	"	3.1	3.1
P	19086	19140	1210919	"	5.4	5.0
P	19390	19411 0	1211010	"	2.0	2.0
P	19411 0	19510 0	1/18312	"	9.0	9.0
P	19811 0	19814 0	1/18313	"	3.0	2.0
P	19814 0	19818 0	1/18314	"	4.0	0.8
P	19818 0	19920	1/18315	"	4.0	1.5
P	19920	19940	1/18316	"	2.0	1.5
P	19940	19980	1/18317	"	4.0	1.5
P	19980	10011 2	1/18318	"	3.2	3.2
P	10011 2	10025	1/18319	"	1.3	1.3
P	10025	10150	1/18410	"	2.5	1.5
P	10150	10110 0	1/18411	"	5.0	1.5
P	10110 0	10145	1/18412	"	4.5	4.0
P	10145	10180	1/18413	"	3.5	3.5
P	10180	10210 0	1/18414	"	2.0	0.7
P	10210 0	10290	1/18415	"	9.0	6.0

CONT'D

DDH 25-A-88 (2 / 8)

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

Logged By: D.J.H.

Sampled By:

Code	From	To	Sample No.	Description	LENGTH	REC.
	1 10 14	16 20	22 27			
P	10313 0	10412 0	118416	K.A.	9.0	9.0
P	10412 0	10417 0	118417	"	5.5	5.0
P	10774 0	10810 0	118418	"	6.0	6.0

DDH FAGA088 Cyprus Anvil Mining Corp. Page _____ of _____

Feet

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	
	1381.0	1382.0	G					
	1382.0	1394.0	N,N,N					
	1389.0	1391.0	G					
	1414.5	1416.0	D					
	1434.8	1435.6	G			999.99		
	1439.8	1441.6	X			999.99		
	1446.0	1453.2	X					
	1580.0	1585.3	X					
	1562.2	1580.3	I G					
	1613.5	1633.6	G					
	1653.0	1657.0	P	1				
	1657.0	1659.0	N,N,N					
	1668.0	1685.0	N,N,N					
	1672.0	1685.0	D					
	1685.0	1687.0	G					
	1689.0	1691.3	G					
	1691.3	1693.3	D.?					
	1874.2	1883.0	P I G					
	1984.0	1988.0	X					
	1984.0	1996.0	P					
	1996.0	1998.0	X F.?					
	1003.5	1011.0	P	1				
	1011.8	1021.0	P	1				
	1021.0	1029.0	X F					
	1031.4	1032.0	G					

DIAMOND DRILL RECORD

LOGGED BY J. Paxton

PROPERTY VANGORDA, GRUM JOINT VENTURE

D.D.H. No. 75-A88 PAGE 1 of 13

LATITUDE	35,523.35W (HW Coords (Ft.))	Line Grid 5 + 90N	BEARING OF HOLE
DEPARTURE	25,097.65E	74 + 02W	DIP OF HOLE
ELEVATION	4310.9 (Old elev. 4268.9)		DIP TESTS

DEPTH	AZIM.	DIP
	°	90°
200'	121° 20'	89°
400'	118° 20'	86°
600'	122° 20'	87° 30'
840'	115° 20'	83°
1040'	111° 20'	79°

METRIC: 10,827.58 m N, 7,649.82 m N, 1313.97 mst. elev.

STARTED June 25, 1975

COMPLETED July 3, 1975

Proposed:

DEPTH Ultimate: 1108' (340.7 metres)

N

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	46 ft	OVERBURDEN - TRICONED Attempted to core 46-48' with no result. Triconed 48-70', then BQ coring.													
48	121	GRAY, SERICITE - QUARTZ PHYLLITE Small F1 folds common. Strong L2. Strong F3 @ 70°. Scattered white carbonate bands.													
121	129	PALE GRAY-GREEN, CHLORITE - CARBONATE PHYLLITE Open F2 fold crests. Weak F2 at 80°.													
129	266	DARK GRAY-GREEN, CHLORITE - CARBONATE PHYLLITE Numerous calcite F1 laminae in complex folds cut by numerous strong F2 planes at 70°. 144-145' -- fault gouge 158' -- tube mislatch 8.5' core ground. 188-190' -- quartz vein 250-251' -- quartz vein 260-261' -- quartz vein													
266	268	GRAPHITE PHYLLITE Sharp contacts at 85°.	2/2												

DIAMOND DRILL RECORD

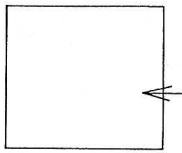
LOGGED BY J. Paxton

PROPERTY

LATITUDE BEARING OF HOLE STARTED

DEPARTURE DIP OF HOLE COMPLETED

ELEVATION DIP TESTS DEPTH Proposed: Ultimate:



DIRECTION AND DISTANCE FROM NE. CLAIM POST

D.D.H. No. 75-A88 PAGE 2 of 13

CLAIM No.

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec. Ft.	Sample No.	Sample Footage From	Sample 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
268	278	PALE GRAY-GREEN, CHLORITE - CARBONATE PHYLLITE													
		Similar to section 121-129'.	8.5/10												
278	284	GRAPHITE PHYLLITE													
		Blocky and broken. 2.5' core ground.	3.5/6.0												
284	290	PALE GRAY-GREEN, CHLORITE - CARBONATE PHYLLITE													
		286-287' -- fault gouge. Walls @ 85°.													
290	340	DARK GRAY, SERICITE - CARBONATE PHYLLITE													
		290-300' -- F1 at high angle to F2. F2 = 80°.													
		323-324' -- white quartz. 327' - 10 cm gouge.													
		338- ' -- fold crest. F3?													
340	353	PALE GRAY-GREEN, CHLORITE - CARBONATE PHYLLITE													
		F1 banding? = 85°. Several 2-10 cm quartz veins.													

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-A88 PAGE 3 of 13

CLAIM No.

N

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Estimates Pyrite	Estimates Lead-zinc	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
353	381	DARK GRAY, SERICITE PHYLLITE															
		Low carbonate															
		F2 = 75° @ 355'															
		370-375' -- breccia plus irregular masses of white quartz.															
381	382	FAULT ZONE															
		Graphite mud. Walls are sharp at 45°.															
382	389	MASSIVE PYRITE															
		With interbands of graphitic material at 70°.															
							387.5	392.0	4.5						9.00	17.55	2.925
							(116.4")	118.1"									
389	390	FAULT GOUGE	40%	25%	5.0	2058	382	387.5	5.5	5.70	9.55	2.32			31.35	52.525	12.76
		Stained green with mariposite.	10%	5%	5.0	2059	387.5	394.0	6.5	2.00	3.90	.65			13.00	25.350	4.225
			5%	4%	7.0	2060	394.0	401	7.0	1.50	2.46	.53			10.50	17.22	3.71
			3%	4%	10.0	2061	401	411	10.0	1.58	2.40	.47			15.80	24.0	4.70
390	390.5	MASSIVE PYRITE	1%	3%	6.0	2062	411	417	6.0	1.04	3.84	.62			6.24	23.04	3.78
			10%	5%	5.5 /2.5	2063	417	422.5 425.0	5.5	1.23	2.46	.59			6.765	13.53	3.245
			40%	20%													
390.5	410.0	SILICIFIED FOLD NOSES QUARTZ - SULPHIDES			1.3	2064	425.0	426.3	1.3	1.65	3.09	.74					
		80% siliceous F1 bands, 20% pyrite, lead-zinc sulphides.															
						Wt. Av.	382.0	394.0 (120.1")	12.0	3.70	6.49	1.42	(48.5 oz/ton)		44.35	77.875	16.485
						Wt. Av	394.0	423.5 (129.8")	28.5	1.38	2.73	0.54	(18.6)		39.305	77.79	15.435
						Wt. Av.	382.0	392.0	10.0	4.04	7.01	1.57	(53.8)		40.35	70.075	15.655

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-A88 PAGE 4 of 13

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
410.0	411.0	FAULT GOUGE Stained green with mariposite. Walls @ 70° and 45°.													
411.0	417	MINGLED, BUFF, BLEACHED, SERICITE AND SILICEOUS SPHALERITE MATERIAL													
417	422.5	DARK GRAY, SILICEOUS MATERIAL *QUARTZ-SER* Banded with pyrite. 5-20 mm plus minor lead-zinc.													
422.5	440	BLEACHED, SERICITE ZONE Highly siliceous 422.5-423.5' -- white quartz 423.5-424.0' -- soft. Mottled with mariposite. 425.0-426.3' -- massive pyrite, lead-zinc mineralization													
440	444	MASSIVE PYRITE First contact sharp @ 70°.													
444	448.5	*SUPH*-BRECCIA ZONE *in a massive py. grdmass* Consists of 5-10 cm masses of lead-zinc-silica, Pyrite spongy toward second contact.													

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-A88 PAGE 5 of 13

CLAIM No.

N — DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Pyrite Estimates	Lead-zinc Estimates	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
448.5	453.0	PHY- BRECCIA ZONE															
		Consists of silicified phyllite fragments 5-10 mm in a groundmass of buff sericite and pyrite with massive pyrite at the end of the section.															
453.0	516.5	GRAPHITIC PHYLLITE															
		Interbanded with 2-15 cm bands of massive pyrite containing small amounts of lead-zinc and quartz.															
		475 -- open fold crests															
		485 -- banding at 60°	90%	1%	4.2	2065	439.5	444.0	4.5	.98	2.34	.76					
		490 -- banding at 80°															
		500 -- banding at 75°	70%	7%	2.0	2066	444.0	446.0	2.0	4.05	7.44	2.50			8.10	14.88	5.00
		510 -- banding at 70°	20%	2%	7.0	2067	446.0	453.5	7.5	1.18	1.48	0.77			8.85	11.10	5.775
		The massive pyrite bands follow the F2 planes. F1 only slightly mineralized with sulphides.	15%	15%	8.0	2068	453.5	462.0	8.5	6.19	12.44	2.74			52.62	105.74	23.29
			10%	20%	8.0	2069	462.0	470.0	8.0	5.03	9.84	2.35			40.24	78.72	18.80
516.5	518.0	BLEACHED GRAY-BUFF SERICITE PHYLLITE	15%	7%	10.0	2070	470.0	480.0	10.0	2.70	6.00	1.21			27.0	60.0	12.10
			15%	5%	5.0	2071	480.0	485.0	5.0	2.28	5.40	1.12			11.40	27.0	5.60
518.0	529.0	GRAPHITIC PHYLLITE	20%	5%	9.0	2072	485.0	494.0	9.0	1.33	3.12	.83			11.97	28.08	7.47
		Blebs of pyrite and minor lead-zinc toward end of section.	25%	10%	9.0	2073	494.0	503.0	9.0	2.06	4.14	1.27			18.54	37.26	11.43
			15%	6%	10.0	2074	503.0	513.0	10.0	2.05	4.56	1.30			20.50	45.60	13.00
			15%	12%	3.5	2075	513.0	516.5	3.5	2.08	4.56	1.27			7.28	15.96	4.445

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-A88 PAGE 6 of 13

CLAIM No.

N

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Estimates Pyrite	Estimates Lead-zinc	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
529.0	532.0	BLEACHED BUFF SERICITE PHYLLITE															
		3.0/3.0 recovery feet Open fold nose	1%	1%	1.0	2076	516.5	517.5	1.0	.33	.83	.12			.33	.83	.12
			0	0	8.0	N.A.	517.5	525.5	8.0								
			1%	.5%	2.5	N.A.	525.5	528.0	2.5	0.5	Pb/Zn,	Est.					
			5%	10%	1.0	2077	528.0	529.0	1.0	3.00	6.67	1.38					
532.0	546	GRAPHITIC PHYLLITE				Wt. Av.	453.5	485.0	31.5	4.17	8.62	1.9	(65.1)	X	131.255	271.46	59.79
		Occasional 5-10 mm bands of lead-zinc mineralization. F2 = 80-90 . Soft and fissile.			12/14	Wt. Av.	453.5	470.0	16.5	5.63	11.18	2.55	(87.5)		92.895	184.46	42.09
						Wt. Av.	470.0	485.0	15.0	2.56	5.80	1.18	(40.5)		38.40	87.00	17.70
						Wt. Av	494.0	516.5	22.5	2.06	4.39	1.28	(44)		46.32	98.82	28.875
546	559.5	INTERBANDED PYRITE AND SILICIFIED PHYLLITE QUARTZ - SERICITE															
		(5-20 mm) parallel to F2 at 70°, mineralized with lead-zinc.															
			Estimates Pyrite	Estimates Lead-zinc													
559.5	580.0	BLEACHED BUFF SERICITE PHYLLITE	6%	6%	2.4	2078	545.3	548	2.7	2.78	5.26	1.18			7.51	14.20	
		554-555' and 567-567.5' -- white quartz 561-562' and 571.5-573.5' -- fault gouge	15%	8%	8.0	2079	548	556	8.0	2.00	4.74	1.15			16.0	37.92	
			15%	10%	3.5	2080	556	559.5	3.5	2.74	4.20	1.32			9.59	14.70	
580.0	586.0	BRECCIA OF WHITE DOLOMITE AND QUARTZ	---	---	16.0/20.5		559.5	580									
		In fine-grained sulphide groundmass	10%	18%	5.0	2081	580	586	6.0	4.28	4.14	2.12					
						WT. AV.	545.3	559.5	14.2	2.33	4.71	1.2	(41.1)		33.096	66.822	17.006

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-A88 PAGE 7 of 13

CLAIM No.

N

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec. Ft.	Sample No.	Sample Footage From	Sample 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
586.0	603	DARK GRAY SERICITE PHYLLITE													
		F2 = 70 .	15/17												
		598-603' -- fault gouge													
603	613.5	BLEACHED BUFF SERICITE PHYLLITE													
613.5	649.0	FAULT ZONE													
		50% of recovered core consists of gouge. Contacts sharp @ 55°.	22/35.5												
649.0	660	BANDED SULPHIDE AND SILICIFED PHYLLITE													
		Banding @ 60°.	7.0/11.0												
		Estimates Pyrite 15% Lead-zinc 15%	3.8	2082	649	653	4.0	5.03	10.50	2.82			20.12	42.00	11.28
		15% 12%	0.7	2083	653	657	4.0	5.33	11.65	2.87			21.32	46.6	11.48
		--- ---	0/2		657	659	Lost								
		10% 10%	0.7	2084	659	660	1.0	1.85	2.58	.88					
660	672	GRAY SERICITE-PHYLLITE	5.0/9.5		660	669.5									
		Very fissile													
		671.2-672.0 -- gouge	1.0/2.5	2090	669.5	672.0	2.5	4.28	6.55	1.68			10.70	16.375	4.20

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-A88 PAGE 8 of 13

CLAIM No.

N

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Estimates Pyrite	Estimates Lead-zinc	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
672	693	BRECCIA OF SILICEOUS MATERIAL IN MASSIVE SULPHIDE															
		Also faintly banded at 80°.															
		685-691.3' -- fault zone															
		691.3-693.0' -- breccia of sulphide fragments in a gray muddy groundmass.	30%	15%	2.5	2085	672.0	675.0	3.0	5.68	8.77	2.35			17.04	26.31	7.05
			30%	16%	7.5	2086	675.0	682.5	7.5	7.87	10.83	3.03			58.35	81.23	22.725
			30%	5%	2.0	2087	682.5	685.0	2.5	5.03	5.40	1.68			12.58	13.50	4.20
			---	---	1.2	gouge	685.0	687.0									
			45%	10%	1.5	2088	687.0	689.0	2.0	5.64	6.24	1.97					
			---	---	1.5	gouge	689.0	691.3									
			25%	20%		2089	691.3	693.0	1.7	3.08	3.35	1.18	90.9				
693	703.2	MIXED ZONE				w.Au.	649.0	659.0	10.0	4.76	10.28	2.65	(60.8)		47.62	102.82	26.52
		693-693.5' -- quartz				w.Au.	669.5	685.0	15.5	6.41	8.87	2.46	(84.4)		99.34	137.41	38.175
		693.5-694.5' -- gray phyllite	Estimates Pyrite	Estimates Lead-zinc													
		694.5-695.0' -- quartz															
		695.0-696.0' -- massive sulphide	15%	4%	3.0	2091	693	696	3.0	.95	.86	.32					
		696.0-697.0' -- bleached sericite															
		697.0-703.2' -- interbanded massive sulphides and bleached sulphides	20%	6%	6.0	2092	696	703.2	7.2	1.78	1.44	.74					
			80%	15%	4.8	2093	703.2	708.0	4.8	7.51	13.31	4.65			36.05	63.89	22.32
			75%	15%	4.0	2094	708.0	715.0	7.0	8.30	14.13	3.68			58.10	98.91	25.76
			75%	14%	7.0	2095	715.0	722.6	7.6	4.28	6.00	1.85			32.528	45.60	14.06
			70%	11%	4.9	2096	722.6	727.5	4.9	3.45	4.74	1.59			16.905	23.226	7.791

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-A88 PAGE 9 of 13

CLAIM No.

N

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec. Ft.	Sample No.	Footage From	Footage To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Feet Pb	Assay x Feet Zn	Assay x Feet Ag
		15% 4%	3.5	2097	727.5	731.0	3.5	1.25	1.86	.44					
		4% 2%	4.0	2211	731.0	735	4.0	.56	.72	.32					
703.2	727.0	MASSIVE SULPHIDE ZONE		w. Av.	703.2	715.0	11.8	7.98	13.8	4.07	(139.7)		94.148	162.798	48.08
		Finely porous. Very fine sphalerite and barite around pyrite grains.	OR	W Av.	703.2	727.5	24.3	5.91	9.53	2.88	(98.1)		143.581	231.624	69.931
		712-714' -- pyrite gouge		Wt. Av.	703.2	723.6	19.4	6.53	10.74	3.20	(109.9)		126.68	208.4	62.14
		715-716' -- irregular mass of white carbonate													
727.0	731.0	SILICEOUS ZONE													
		Ragged bands and augen (3 mm) 60% mingled with pyrite and chlorite. F2 good at 80°.													
731.0	737.0	BLEACHED QUARTZ - SERICITE PHYLLITE													
		735-736.5' -- white quartz. Traces of lead-zinc	6.0/ 6.0												
737.0	738.5	GRAPHITIC PHYLLITE	1.5/ 1.5												
738.5	753	BLEACHED QUARTZ - SERICITE PHYLLITE													
		741-742' -- minor streaks of sphalerite	13/ 14.5												
		742-743' -- mariposite													
		752-753' -- fault gouge. Walls at 60°. F2 = 70-80°. 749' -- fold crest.													

DIAMOND DRILL RECORD

LOGGED BY J. Paxton

PROPERTY

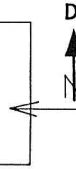
LATITUDE BEARING OF HOLE STARTED

DEPARTURE DIP OF HOLE COMPLETED

ELEVATION DIP TESTS DEPTH Proposed: Ultimate:

D.D.H. No. 75-A88 PAGE 10 of 13

CLAIM No.



DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec. Ft.	Sample No.	Sample Footage From	Sample 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
753	790	GRAY SERICITE PHYLLITE													
		Scattered small quartz veins	36/37												
		777.5-779' -- quartz													
		F2 = 80-90°.													
790	803	BUFF BLEACHED QUARTZ - SERICITE PHYLLITE	13/13												
803	820	GRAY SERICITE PHYLLITE													
		F2 = 90° @ 815'.	15/17												
820	852	BUFF BLEACHED QUARTZ - SERICITE PHYLLITE													
		826-827' -- fault zone. Walls @ 45°.	6/32												
852	870	DARK GRAY SERICITE PHYLLITE													
		Fissile. F2 = 80° to 90°.													
		855-856 -- quartz													
		869' -- 8 cm plastic gray gouge													

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-A88 PAGE 11 of 13

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
870	890	BLEACHED SERICITE PHYLLITE													
		870-871 -- white quartz													
		873-882 -- blocky muddy core. Fault?													
		886-886.5- dark gray phyllite													
		888-889 -- mariposite													
890	914	BANDED SILICIFIED GRAPHITIC PHYLLITE													
		Progressively more sulphide toward end of section. Scattered blebs of chalcopyrite.													
		F2 = 80-90°.													
		905.5-908.6' -- massive sulphide 70% 15%	3.1	2098	905.5	908.6	3.1	3.75	6.76	1.50					
		909.0-909.2' -- gouge													
		10% 2%	5.0	2099	908.6	914.0	5.4	0.01	0.06	0.03					
914	939	BLEACHED SERICITE PHYLLITE													
		Includes short sections of gray phyllite. Gouge @ 922', 928', 937' and 939' (walls @ 45°)													
939	950	SULPHIDE ZONE													
		939-941' -- bleached phyllite with several small bands of massive pyrite. 10% 2%	2.0	2100	939	941	2.0	0.28	0.46	0.09					
		941' -- interbanded sulphides and medium grained siliceous material	9.0	1832	941	950	9.0	2.28	2.79	.74					
		Strong F2 @ 85°. Several open F3 fold crests. Occasional bands of magnetite. (5%)													
950	954	BLEACHED SERICITE PHYLLITE													

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-A88 PAGE 12 of 13

CLAIM No.

N

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Estimates Pyrite	Estimates Lead-zinc	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
954	970	DARK GRAY PHYLLITE															
		F2 and another (F3?) foliation intersect at 5-10° giving fracture faces a rough surface. Gouge at 965' and 966'.															
970	998	GRAPHITIC PHYLLITE															
		Gouge @ 981-982'.															
		Breccia cemented with sulphides at 984-988'.	5%	Tr	11.0	N.A.	970	981	11.0								
			10%	1%	2.0	1833	981	984	3.0	.74	1.54	.29					
			12%	8%	0.8	1834	984	988	4.0	3.83	5.59	1.44			13.32	22.36	5.76
998	1029	MASSIVE SULPHIDES	5%	Tr	1.5	1835	988	992	4.0	.25	.40	.12			1.00	1.60	0.48
		Local vugs filled with quartz and calcite.	5%	10%	1.5	1836	992	994	2.0	2.78	4.80	1.29			5.56	9.60	2.58
		1020-1029' -- brecciated -- massive sulphide fragments m a siliceous groundmass.	10%	10%	1.5	1837	994	998	4.0	5.18	7.42	2.21			20.72	29.68	8.84
			75%	8%	3.2	1838	998	1001.2	3.2	.88	.91	.44					
			75%	3%	1.3	1839	1001.2	1002.5	1.3	2.48	3.24	1.06			3.224	4.212	1.378
1029	1033	FAULT ZONE	70%	11%	1.5	1840	1002.5	1005.0	2.5	1.65	2.63	.88			4.125	6.575	2.20
		Bleached sericite schist and gouge	65%	1%	1.5	1841	1005.0	1010.0	5.0	.60	.24	.29					
			65%	1%	4.0	1842	1010.0	1014.5	4.5	1.50	.54	.47			6.75	2.43	2.115
1033	1057	BRECCIA ZONE	45%	6%	3.5	1843	1014.5	1018.0	3.5	4.88	3.00	1.44			17.08	10.50	5.04
		Bands and irregular masses of pyrite in crushed quartz bleached sericite material.	60%	8%	0.7	1844	1018.0	1020.0	2.0	.28	.40	.26					

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-A88 PAGE 13 of 13

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
		60% 1%	6.0	1845	1020.0	1029.0	9.0	1.14	.94	.59					
		15% 1%	9.0	1846	1033.0	1042.0	9.0	.13	.12	.12					
		15% 1%	5.5	1847	1042.0	1047	5.0	.09	.20	.09					
1057	1062	DARK GRAY SERICITE PHYLLITE													
		F2 = 70°. Very fissile.		W. Av.	992.0	998.0	6.0	4.38	6.55	1.90	(65.3)		26.28	39.29	11.42
				" "	984.0	998.0	14.0	2.90	4.52	1.26	(43.2)		40.60	63.24	17.66
				W. Av.	1001.2	1005.0	3.8	1.93	2.84	0.94	(32.3)		7.349	10.787	3.578
				" "	1010.0	1018.0	8.0	2.98	1.62	0.89	(30.1)		23.83	12.93	7.155
1062	1108	BUFF BLEACHED SERICITE PHYLLITE													
		Scattered bands of sulphides 5-20 mm													
		1080.5-1080.7' -- granite? F2 = 80-90°.													
		Scattered chalcopyrite noted.													
		8% 2%	6.0	1848	1074	1080	6.0	.13	.37	.12					
	1108	END OF HOLE													
		REMARKS: 1. Stopped as adjacent hole A-56 barren													
		2. Core generally broken and fractured.													
		3. Cemented through rock -- 22 bags.													

DDH: FAGA088 -- 42 DEGREE PROFILE

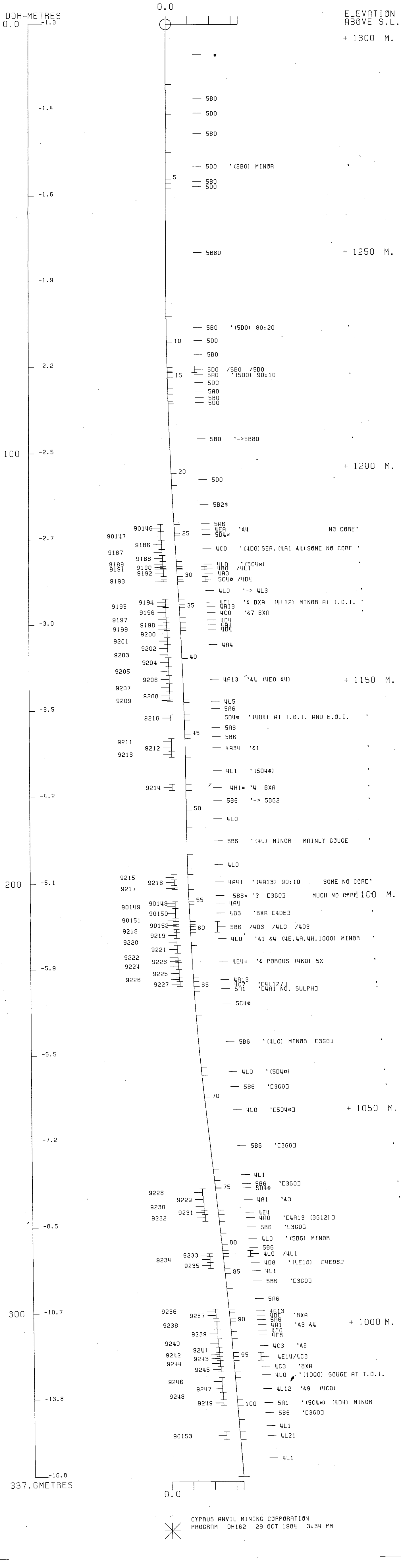
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1303 592342E ; 905035N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 555.9 Z = 1303.1

SECTION NAME: 74W



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 29 OCT 1984 3:34 PM

DDH: FAGA088 -- 42 DEGREE PROFILE

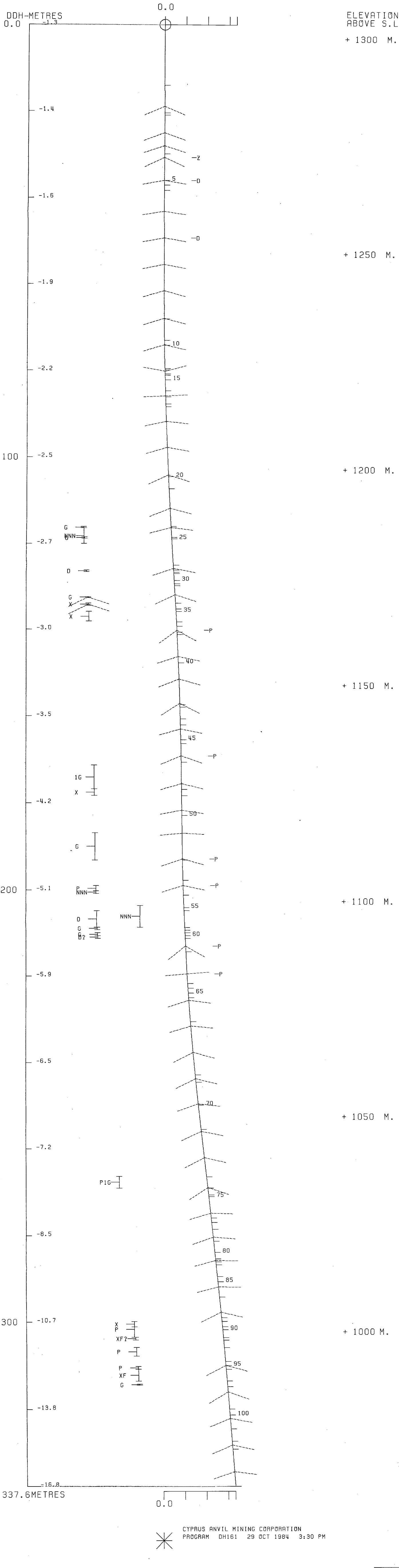
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1303 592342E ; 905035N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 555.9 Z = 1303.1

SECTION NAME: 74W



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 29 OCT 1984 3:30 PM

75 A090

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: 23C PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTHS FROM	DEPTHS TO	SAMPLE NO.	INT.	REC.	ROCK UNIT	S.G. PULP	CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
										ASSAYS											
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	4LO	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	4LO	3.05	.02	.86	1.87	16.00		.27	3	6	9						
89.6	90.1	09327	.5	.5	4CO	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	4DO	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	4DO	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	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: PAGA090 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	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	IND
29.9	0001	#		0.5-	1
45.3	0002	5B8C		0.5-	1
45.8	0003	5A9	PY	0.5-	1
46.1	0004	4LC	(10QC) 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](4CO 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	4LC	(5B68) (10QC) 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 [4CO SERICITIC]	0.5-	1
77.4	0024	5A6*	(5A69) 90:10	0.5-	1
80.6	0025	4LC	(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	4LC	&1 &7	0.5-	1
90.1	0031	4CC		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	4DC	(4B4)	0.5-	1
101.9	0036	5D4@		0.5-	1
103.3	0037	4DC	SERICITIC &5 [-> 5B91]	0.5-	1
104.1	0038	5D4@	(4DC) 60:40	0.5-	1
108.5	0039	4A4	->4D4 (4E14) (5D4*) 15% 5C	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 [3GC &9 &$-SST BANDS]	0.5-	1
124.2	0043	5D$		0.5-	1
125.0	0044	3GC		0.5-	1
126.5	0045	5C*		0.5-	1
127.6	0046	3GC	-> 3G48	0.5-	1
128.4	0047	3G9	-> 5A6	0.5-	1
134.0	0048	5C$		0.5-	1
151.8	0049	3GC	&9 -> 3GC DOWN	0.5-	1
152.4	0050	3G9	-> 5A6 TOO LIGHT FOR 5A	0.5-	1
157.9	0051	3GC	-> 3GC &9 (10QC) 80:20	0.5-	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

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$	--> 5DO (5B6 &$ &2 &8 MINOR)	0.5-	1
191.8	0055	4LO	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 (10QO) 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 (4EO)	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

DDH: PAGA090 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	10QC		0.5-	1
299.1	0104	4LO	[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: 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	F DEPTH	T DEPTH	FEAT	SYMTRY	SC ANGLE	SC DIRECT	S1 ANGLE	S1 DIRECT	S2 ANGLE	S2 DIRECT	RFE CDE	DHDC	SDC	PROCESS
FAGAC90	0.0	42.2	CS2		0	0	0	0	65	230	0	1	1	1
FAGAC90	0.0	47.2	CS2		0	0	0	0	65	230	0	1	1	1
FAGAC90	0.0	52.4	CS2		0	0	0	0	66	230	0	1	1	1
FAGAC90	0.0	57.3	CS2		0	0	0	0	74	230	0	1	1	1
FAGAC90	0.0	61.7	CS2		0	0	0	0	74	230	0	1	1	1
FAGAC90	0.0	65.4	CS2		0	0	0	0	60	230	0	1	1	1
FAGAC90	0.0	67.0	CS2		0	0	0	0	40	230	0	1	1	1
FAGAC90	0.0	70.6	CS2		0	0	0	0	50	230	0	1	1	1
FAGAC90	0.0	72.7	CS2		0	0	0	0	75	230	0	1	1	1
FAGAC90	0.0	76.6	CS2		0	0	0	0	74	230	0	1	1	1
FAGAC90	29.9	79.6	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGAC90	0.0	81.0	PS2		0	0	0	0	75	230	0	1	1	1
FAGAC90	79.6	81.4	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGAC90	0.0	84.2	CS2		0	0	0	0	55	230	0	1	1	1
FAGAC90	0.0	88.5	CS2		0	0	0	0	69	230	0	1	1	1
FAGAC90	0.0	92.8	CS2		0	0	0	0	50	230	0	1	1	1
FAGAC90	0.0	95.8	CS2		0	0	0	0	55	230	0	1	1	1
FAGAC90	81.4	99.7	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGAC90	0.0	100.8	PS2		0	0	0	0	50	230	0	1	1	1
FAGAC90	99.7	101.9	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGAC90	0.0	104.4	CS2		0	0	0	0	60	230	0	1	1	1
FAGAC90	0.0	108.0	CS2		0	0	0	0	70	230	0	1	1	1
FAGAC90	0.0	113.8	CS2		0	0	0	0	80	230	0	1	1	1
FAGAC90	101.9	118.4	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGAC90	0.0	120.2	CS2		0	0	0	0	75	230	0	1	1	1
FAGAC90	0.0	124.4	CS2		0	0	0	0	69	230	0	1	1	1
FAGAC90	118.4	127.0	CS2	D	0	0	0	0	0	0	0	1	1	1
FAGAC90	0.0	128.4	PS2	P	0	0	0	0	45	230	0	1	1	1
FAGAC90	0.0	132.2	PS2		0	0	0	0	63	230	0	1	1	1
FAGAC90	0.0	136.9	PS2		0	0	0	0	65	230	0	1	1	1
FAGAC90	0.0	141.5	PS2		0	0	0	0	75	230	0	1	1	1
FAGAC90	127.0	142.0	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGAC90	0.0	145.4	CS2		0	0	0	0	75	230	0	1	1	1
FAGAC90	0.0	150.0	CS2		0	0	0	0	67	230	0	1	1	1
FAGAC90	0.0	155.0	CS2		0	0	0	0	70	230	0	1	1	1
FAGAC90	0.0	160.1	CS2		0	0	0	0	60	230	0	1	1	1
FAGAC90	0.0	165.2	CS2		0	0	0	0	60	230	0	1	1	1
FAGAC90	0.0	170.0	CS2		0	0	0	0	60	230	0	1	1	1
FAGAC90	0.0	175.1	CS2		0	0	0	0	64	230	0	1	1	1
FAGAC90	142.0	176.6	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGAC90	0.0	180.0	CS2		0	0	0	0	75	230	0	1	1	1
FAGAC90	0.0	185.0	CS2		0	0	0	0	73	230	0	1	1	1
FAGAC90	0.0	190.0	CS2		0	0	0	0	62	230	0	1	1	1
FAGAC90	0.0	195.4	CS2		0	0	0	0	60	230	0	1	1	1
FAGAC90	0.0	198.0	CS2		0	0	0	0	70	230	0	1	1	1
FAGAC90	0.0	203.0	CS2		0	0	0	0	72	230	0	1	1	1
FAGAC90	0.0	208.0	CS2		0	0	0	0	57	230	0	1	1	1
FAGAC90	0.0	213.3	CS2		0	0	0	0	62	230	0	1	1	1
FAGAC90	0.0	218.8	CS2		0	0	0	0	77	230	0	1	1	1
FAGAC90	0.0	223.0	CS2		0	0	0	0	70	230	0	1	1	1
FAGAC90	0.0	228.5	CS2		0	0	0	0	72	230	0	1	1	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	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	0	68	230	0	1	1	1
FAGAC90	0.0	238.7	CS2		0	0	0	0	77	230	0	1	1	1
FAGAC90	0.0	243.0	CS2		0	0	0	0	80	230	0	1	1	1
FAGAC90	0.0	248.0	CS2		0	0	0	0	70	230	0	1	1	1
FAGAC90	0.0	253.0	CS2		0	0	0	0	74	230	0	1	1	1
FAGAC90	0.0	258.3	CS2		0	0	0	0	63	230	0	1	1	1
FAGAC90	176.6	265.0	CS2	M	0	0	0	0	0	0	0	1	1	1
FAGAC90	0.0	269.5	PS2		0	0	0	0	60	230	0	1	1	1
FAGAC90	0.0	273.5	PS2		0	0	0	0	68	230	0	1	1	1
FAGAC90	0.0	278.9	PS2		0	0	0	0	78	230	0	1	1	1
FAGAC90	0.0	283.9	PS2		0	0	0	0	55	230	0	1	1	1
FAGAC90	0.0	288.3	PS2		0	0	0	0	75	230	0	1	1	1
FAGAC90	0.0	293.2	PS2		0	0	0	0	57	230	0	1	1	1
FAGAC90	0.0	298.2	PS2		0	0	0	0	62	230	0	1	1	1
FAGAC90	0.0	303.0	PS2		0	0	0	0	60	230	0	1	1	1
FAGAC90	0.0	308.3	PS2		0	0	0	0	60	230	0	1	1	1
FAGAC90	0.0	313.1	PS2		0	0	0	0	67	230	0	1	1	1
FAGAC90	265.0	316.4	PS2	P	0	0	0	0	0	0	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 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.: 6905083.16063 N

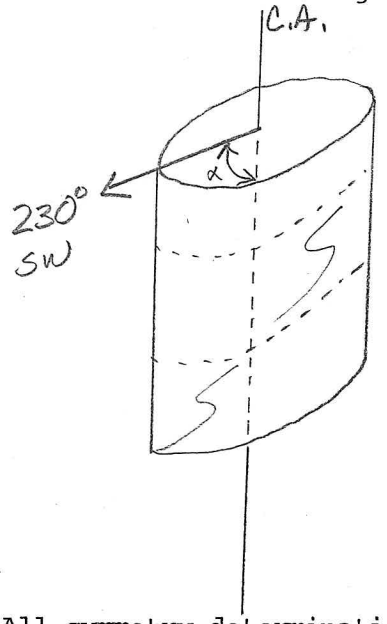
1979 HBW Photogrammetric Survey
592382.9310 E

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	Collar Cased and Capped:
	BQ	29.87	EOH	

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

Cyprus Anvil Mining Corp.
Diamond Drill Core Log

DDH 75-A090
(2–8)

Code	Drillhole (2–8)	Elevation (10–16)	Northing (17–24)	Easting (25–32)	Comments (34–48)
T	75-A090	1302.1	9050832.1	592382.9	METRES

Code	Drillhole (2–8)	Depth (10–14)	Zenith Angle (22–26)	True Azimuth (28–32)	Comments (34–56)
R	75-A090	0	180.0	0.0	ATCOLLAR
R	75-A090	61.0	179.0	60.5	TROPARI
R	75-A090	121.9	169.0	110.5	
R	75-A090	182.9	162.0	92.0	
R	75-A090	243.8	165.0	93.5	
R	75-A090	304.8	159.0	79.5	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	

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

DDH 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	0	29	1		O/B
L	29	453	2	5B8	strongly calc, broken + lost core
L	453	458	3	5A9	minor Dy
L	458	461	4	4L0	bxiated, oxidized, minor py minor 4L + qtz
L	461	488	5	~~5D6~~ 5C* mot	mottled
L	488	492	6	~~5D4~~ 5C4* mot	altered unit 5 w/ mariposite
L	492	517	7	4B4	5-10% Dy 7% PbZn - SERICITIC [4L14]
~~L~~	517	524	8	~~5D4~~ → 5C4* + (5B4)	massive buff w/ mariposite blebs
L	524	534	9	~~5D6~~ 5C* mot DOLO	mottled
L	534	536	10	~~5C4*~~ → 5D* ~~AS UNIT 6~~	
L	536	564	11	4B4	as unit 7, 5% PbZn, 5-10% py; SERICITIC intbd of 5D4 buff w/ mar. [4L14]
L	564	577	12	~~5D6~~ 5C* mot DOLO	mottled, 57.0-57.2 GOUGE // S_2 WITH F/W 5cm @ 27 VN → @ 55.8-56.88
L	577	612	13	4B4	as units 7+11, [4L14] 6% PbZn, green qtz (dissem chlor?) -SERICITIC ± PYRITE BANDS @ 2cm, (4CO) → @ EOI; V. minor
L	612	621	14	5D4	(2') * ANK buff then mottled then buff, possible $FeCO_3$
L	621	633	15	4B4	as units 7, 11, 13 7% PbZn [4L14] + (4CO - SERICITIC)
L	633	637	16	~~5D4~~ 5C*	6 buff w/ mariposite, broken - 3% FUCHSITE
L	637	647	17	4B4	as before 5-6% PbZn - SERICITIC [4L14]
L	647	665	18	4A4	5% PbZn [5B6219 - DOMINANTLY SILICIFIED PHYLLITE MATRIX TO SULPHIDE]
L	665	685	19	~~5D4~~ 5C* - ANK	6 (66.7-66.8 = 4B4) + (67.5-67.6 = 4D4)
L	685	697	20	4L0	bxiated w/ sfds (+green, SB6) + (10Q) → py + minor PO oxidized, minor po - PROB NOT A FAULT BUT ASSO
L	697	702	21	~~5D4~~ 5C4* - ANK	highly altered, buff w/ mariposite, ~~almost~~ gouge WITH → // S_2
L	702	714	22	5A6	3% minor py - DOMINANTLY SULPHIDES FILL CRACKLE BRECCIA
L	714	719	23	4L2	as unit 20 bxiated w/ py [4CO - SERICITIC]
L	719	774	24	5A6	* 71.9-72.5 = 5A69 - SIMILAR TO UNIT 22;
L	774	801	25	4LE	1/4 sheared up interval: 4E4 (4" @ TOI), 5B2, 4L0, 4E0, 4L2, 4E4 ± POROUS
L	806	821	26	~~4EA~~ →	4E4 + (4AL4) (~~50:50~~ 70:30) 8% PbZn + (4D4)
L	821	827	27	4D4	50% sfds 13% PbZn - SERICITIC
L	827	834	28	~~5D4~~ 5C4* - DOLO	buff w/ mariposite = 5%
L	834	889	29	4A4	7-9% PbZn + (3G12 - FINELY, IRREGULARLY BANDED) small intbd of 4L2 @ 87.7-88.0m + (4AE4 @ 20 cm F/W)
L	889	896	30	4L0	+1 +4 4% PbZn
L	896	901	31	4C0	+4
L	901	990	32	4A4	+4 +3 4-13% PbZn (+ PYRITE STRINGERS) → 4AE4 @ EOI (30 cm) 4 SHORT SECTIONS ELSEWHERE
L	990	997	33	~~4BD~~ →	4DO bands of (4B4) + 4DO 5-7% PbZn
L	997	1019	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	1019	1033	35	4D0	8% PbZn w/ minor grey mica ie. 5B91 - SERICITIC

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

DDH 75-A090 (2 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Logged By: JSM

Code	From	To	Unit	Code	Description
	10 14	16 20	22 23	25 27	5D* + (4DO)
L	1033	1041	36	4LD	60:40 bands of unit 34 + unit 35 ✓ (NO PITTING IN 5D)
L	1041	1085	37	4AL	~~75:25~~ 95:15 bands of 4A4 (→ 4D4) and 4L (5D** w/ mariposite)
					→ 4A4 + (5D* ± MARIPOSITE) + (4DM) 13-23% PbZn red sphal > gal
L	1085	1102	38	5A,D	70:30 interbeds of 5A6 and 5D4; 20cm gouge + qtz vein @ TOI — CONTACTS?
L	1102	1144	39	5B,D	5B26 w/ minor interbeds of green massive 5D6
L	1144	12389	40	5B,6	(or 3G?) contains both chlorite + carbonaceous matl more than 5BO (→ 5B682?). First 6m. of interval missing &/or jumbled
L	12389	12422	41	5D,3	massive green
L	12422	12502	42	5B,6	as unit 40 5B682? Note all of this 5B6 could be 3G
L	12502	12655	43	~~5F~~ not	mottled
L	12655	12766	44	5B,68	
L	12766	12844	45	5A,6	2" of green massive 5D6 @ upper ctc; → chlorite (5B826) @ EOI. Black graphite w/ white siliceous
				~~5C*~~ not	± bands
L	12844	13400	46	~~5B3~~	mottled $FeCO_3^=$ (slowfizz)
L	13400	15188	47	5B,6	(or 3G) minor interbdd 5D @ TOI, minor qtz veins, gouge @ EOI
L	15188	15244	48	5A,6	
L	15244	15799	49	5B,6	→ 5B26 @ EOI, abundant (~20%) QQO: white qtz veins w/ chlor + buff stuff ($CO_3^=$?)
L	15799	17188	50	5A,6	w/ 5-10% QQO w/ py gradually becoming interbdd w/ 5A1 as unit 51
L	17188	18588	51	5A,16	looks like the 5A which is strongly calc but these white bands are siliceous not calc.
L	18588	19111	52	5D,B	70:30 interbds of massive green 5D3 + 5B86
L	19111	19188	53	4L,O	bleached unit 52 + gouged in center of interval. Perhaps this is bleaching around a local fracture
L	19188	19455	54	5D,B	50:50 interbds of 5B26 + 5D6
L	19455	20145	55	5A,6	5A16 as unit 51 @ TOI, → 5B26 locally, incl ankeritic ~2ft of 5BO; $CO_3^=$ filled fractures, interbds of 5D @ EOI
L	20145	20245	56	5D,3	ankeritic (ie weakly calc). This has a light brown color unlike the usual buff 5D. Possibly some fine grained biotite?
L	20245	20315	57	5B,26	→ 5A6 locally
L	20315	20388	58	5D,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	12038	12060	59	5BD	5B2 (→5A) w/ intbds of 5D4? (4L)
L	12060	12074	60	4L2	+ (4E*4-Daa (10-15% PbZn)) = 30% OF UNIT; ± PØ
L	12074	12083	61	5A6	→ 5B26 locally
L	12083	12088	62	4L0	from 5A or 5B
L	12088	12120	63	5B26	minor qtz veins w/ py
L	12120	12130	64	5B46	bleached unit 63. sharp lower ctc.
L	12130	12138	65	5B26	
L	12138	12143	66	4A4	+ (3G12 - FINELY INTERBANDED)
L	12143	12145	67	5B26	could this core be out of place? ctcs destroyed by splitting. - PROB IN PLACE
L	12145	12149	68	4G44	(8) 4G*4-CALC chewed up core, COULDN'T WAIT FOR DINNER!
L	12149	12154	69	4E4	" " ± CALC ± POROUS WITH 5% 0.2-1cm WHITE QZ CLASTS
L	12154	12160	710	4L4	// AFTER 4A19?
	12160	12164	711	4G*	4A4 + 4G4* = 70% OF UNIT
L	12164	12183	712	4A4	still chewed up - C PARTINGS & BANDS;
L	12183	12230	713	5B6	(or 3G) minor white mica bleaching (5B64) at top + bottom
L	12230	12243	714	4L0	altered unit 73
L	12243	12283	715	5B6	as unit 73
L	12283	12297	716	4L0	as unit 74
L	12297	12306	717	5D43	massive green w/ orange-buff oxide stain: $FeCO_3$
L	12306	12313	718	4L0	as unit 74
L	12313	12321	719	5D43	as unit 77 w/ more white mica
L	12321	12389	810	4L0	as unit 74, 76, 78. Small interbd of 5D4 + of 5B4
L	12389	12417	811	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	12417	12520	812	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	12520	12538	813	5B6	still some white mica bleaching (5B64)
L	12538	12586	814	4L0	as 82
L	12586	12616	815	5B6	4 as unit 83
L	12616	12647	816	4L0	as before 263.6 - 264.2 = GOUGE // S_2
L	12647	12650	817	4A1	±3/4% 25% PbZn + (20% 1080 // S_2)
L	12650	12657	818	4E4	5-10% PbZn v. fine grained ± CALC ± POROUS + (4H4 @ 10cm F/W)

DDH 75-A09Q (2 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Logged By: JSM

Code	From	To	Unit	Code	Description
	10 14	16 20	22 23	25 27	
L	12,615 7	12,616 1	8 9	4 L 4	* w/ carbonate = 60% + (4E4* - porous, calc) NO BARITE then porous sfds; red sphal + gal
L	12,616 1	12,617 5	9 0	4 L 2	4D + (4E4* - L calc) patches of massive Py
L	12,617 5	12,688	9 1	~~4 D 0~~	4G* - calc - no barite inhomogenous interval ~~4E0~~ 4G* 4E0*4, ~~4D0~~ (75% sfd py + minor PbZn), + ~~minor~~ 4LO partings, ~~4E bxia @ EOI?~~ minor 4KO @ clasts F/w overall ~ 2% PbZn?
L	12,688 8	12,699 9	9 2	4 L 0	→ 4E4±1 (±* calc) (±7 @ H/w) (±8 @ F/w) + (4E0)
L	12,699 9	12,718	9 3	~~4 D E~~ 4D4	w/ slightly bxiated 4E0 coming in + out, 16% PbZn (red sph + gn) (4E4 & 4D4 high grade dominant to 270.9) (4E0 dominant to EOI)
L	12,711 8	12,730	9 4	~~4 K 0~~ 4E*	interval begins as ~~4E0~~ 4G4* w/ $CO_3^=$ clasts & bands (normal 4K4, then bxia: clasts + matrix = sfds in $CO_3^=$ gangue, $CO_3^=$ bands bxia then 4G* @ EOI (calc - breccia - no barite) (the whole interval could be barite-bearing but highly calc)
L	12,730	12,758	9 5	5 D 4	3 buff orange $FeCO_3^=$ 5D breccia to 273.7, then gouge to EOI FAULT
L	12,758	12,805	9 6	4 L 6	chlor., white mica, + biotite (@ TOI)
L	12,805	12,856	9 7	3 B 2	or [5F 6]
L	12,856	12,891	9 8	3 D 8	chlor-biotite phyllite → 3G, calc sil + biot (green + brown bands) → 3D then 80% biotite phyllite w/ minor green calc-sil, then chlor + biotite phyllite → 3G
L	12,891	12,939	9 9	3 B 2	or [5F 6]
L	12,939	12,950	0 0	3 G 2	w/ biotite + pink garnets up to 3 mm
L	12,950	12,955	0 1	0 0 0	
L	12,955	12,991	0 2	4 L 0	or 4L6
L	12,991	13,052	0 3	5 B 6	or 3G monotonous grey phyllite → chlorite @ EOI
L	13,052	13,085	0 4	~~5 G 4~~ ~~5 D 3~~ * mot	mottled. chloritic then 5D4 mottled w/ meriposite + massive buff-orange; only slightly calc
L	13,085	13,164	0 5	5 B 6	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? Also the sfd intervals are chewed up + inhomogenous

* Note: calc bands within the brown biotite phyllite

→ 3D8

DDH FAGA090 Cyprus Anvil Mining Corp. Page ____ of ____

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

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
L	1098	1239			3G0	±9±*s-ssl. 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	⇒ 5A4 to 389 @ end
L	1284	1340			5C*	dol
L	1340	1518			3G0	±9 ⇒ 390 downhole (000)
L	1518	1524			3G9	⇒ 5AG not quite dk. enough for 5A
L	1524	1579			3G0	⇒ 390±9 as logged by JSM
L	1579	1718			3G9	⇒ 5A6 ± * dol. very minor (3G0 ±9 striped)
L	1718	1858			3G0	±9±*dol; striped w/ prom. gtz. sst dwel. hence JSM 5A1
L	1858	1911			5D4*	dol ⇒ 5D0 (5B6 ± * ±2± 8 minor)
L	1911	1918			4L0	from 5D4* doesn't fizz
L	1918	1945			5B62	* (5D4*) (5B6±2±*); pelitic homog. dk. gray
L	1945	2014			5B62	* (5B6±2±*; 5D4*)
L	2014	2024			5D*	
L	2024	2031			5B6	±2 ±*dol.
L	2031	2038			5D4*	lam.
L	2038	2060			5B6	±2 ±*dol (5D4*)
L	2060	2074			4L2	(4E4* dol.)
L	2074	2083			5B6	±2 ±* v minor
L	2083	2088			4L0	
L	2088	2120			5B6	±2 minor
L	2120	2130			5B6	±2 v.v. minor not "bleached" per JSM
L	2130	2138			5B6	±2 minor
						Sulfides skipped
L	2805	2856			3G48	— not 4L lookswise
L	2856	2891			3G8	biotite-rich phyll w/ gtz & fsr felds porphs, not highly schistose, could be a meta volc rk. 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		29 9					O/B
S		412 2	C S2			615 2310	S region 29.87 - 79.6
S		417 2	C S2			615 2310	poor data, very few pt observations
S		512 4	C S2			616 2310	impossible partly because Lithons
S		517 3	C S2			714 2310	in split core can't be oriented
S		617	C S2			714 2310	
S		654	C S2			610 2310	
S		670	C S2			410 2310	
S		706	C S2			510 2310	
S		727	C S2			715 2310	
S		716 6	C S2			714 2310	
S		796	F2	S			R region 79.6 - 81.4
S		810	P S2			715 2310	
S		814	F2	R			S region 81.4 - 99.7
S		842	C S2			515 2310	
S		885	C S2			619 2310	
S		928	C S2			510 2310	
S		958	C S2			515 2310	
S		997	F2	S			R region 99.7 - 101.9
S		1008	P S2			510 2310	
S		1019	F2	R			S region 101.9 - 118.4
S		1044	C S2			610 2310	
S		1080	C S2			710 2310	
S		1138	C S2			810 2310	core missing ~114 - 118
S		1184	F2	S			D region 118.4 - 127.0
S		1202	C S2			715 2310	w/ scattered S sym.
S		1244	C S2			619 2310	
S		1270	F2	D			P region 127.0 - 142.0
S		1284	P S2			415 2310	
S		1312	P S2			613 2310	
S		1369	P S2			615 2310	
S		1411	P S2			715 2310	
S		1420	F2	P			S region 142.0 - 176.6
S		1454	C S2			715 2310	
S		1500	C S2			617 2310	
		1550	C S2			710 2310	

DDH 75-A09.0 (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		1160 1	CS2			60 230	
S		1165 2	CS2			60 230	
S		1170 0	CS2			60 230	
S		1175 1	CS2			64 230	
S		1176 6	F2	S			M region 176.6 - 265.0
S		1180 0	CS2			75 230	poor data - only scattered pt observ.
S		1185 0	CS2			73 230	more s than Z
S		1190 0	CS2			62 230	
S		1195 4	CS2			60 230	
S		1198 0	CS2			70 230	
S		1203 0	CS2			72 230	
S		1208 0	CS2			57 230	
S		1213 3	CS2			62 230	
S		1218 8	CS2			77 230	
S		1223 0	CS2			70 230	
S		1228 5	CS2			72 230	
S		1233 4	CS2			68 230	
S		1238 7	CS2			77 230	
S		1243 0	CS2			80 230	
S		1248 0	CS2			70 230	
S		1253 0	CS2			74 230	
S		1258 3	CS2			63 230	
S		1265 0	F2	M			R region 265.0 - 275.8
S		1269 5	PS2			60 230	sfds
S		1273 5	PS2			68 230	
S		1275 8	F2	R			P region 275.8 - 316.4
S		1278 9	PS2			78 230	
S		1283 9	PS2			55 230	
S		1288 3	PS2			75 230	
S		1293 2	PS2			57 230	
S		1298 2	PS2			62 230	
S		1303 0	PS2			60 230	
S		1308 3	PS2			60 230	
S		1313 1	PS2			67 230	
S		1316 4	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	493	516	18491 KA	2.4	2.4	4B4
P	516	536	18501 KA	2.0	2.0	5D4, 5D6
P	536	565	18511 KA	2.85	2.85	4B4
P	577	615	18521 KA	3.83	3.83	4B4
P	624	633	18561 KA	0.9	0.9	4B4
P	637	647	18531 KA	1.03	1.03	4B4
P	647	665	18541 KA	1.8	1.8	4A4
P	685	698	18551 KA	1.32	0.95	4LO
P	702	725	18571 KA	2.3	2.3	5A69, 4L2, 5AL
P	774	791	18581 KA	1.66	1.06	4LE
P	791	799	18591 KA	0.85	0.8	4LE
P	799	827	18601 KA	2.75	2.75	4LE, 4EA, 4D4
? P	827	835	18611 KA	0.80	—	5D4
P	835	847	18621 KA	1.25	1.25	4A4
P	847	869	18631 KA	2.25	2.25	4A4
P	869	889	18641 KA	1.95	1.80	4A4
P	889	900	18651 KA	1.10	1.10	4LO, 4C0
P	900	910	18661 KA	1.0	1.0	4A4
P	910	920	18671 KA	1.0	1.0	4A4
P	920	930	18681 KA	1.0	1.0	4A4
P	930	939	18691 KA	0.95	0.95	4A4
P	939	946	18701 KA	0.65	0.5	4A4
P	946	949	18711 KA	0.25	0.25	4A4
P	949	964	18721 KA	1.55	1.55	4A4
P	964	985	18731 KA	2.1	2.1	4A4
P	985	995	18741 KA	1.0	1.0	4A4
P	1019	1040	18751 KA	2.05	2.05	4BD, 5D46, 4D0, 4D
P	1040	1050	18761 KA	1.0	1.0	4AL
P	1050	1060	18771 KA	1.0	1.0	4AL
P	1060	1070	18781 KA	1.0	1.0	4AL
P	1070	1080	18791 KA	1.0	1.0	4AL
P	2060	2070	18801 KA	1.0	0.9	4DL
P	2133	2146	18811 KA	1.3	0.8	5B26, 4A4
P	2146	2154	18821 KA	0.8	0.8	4G4, 4E4
P	2154	2162	18831 KA	0.8	0.8	4L4 4AG
P	2162	2168	18841 KA	0.6	0.3	4AG 4A41

DDH 75-A09-0 (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
	10 14	16 20	22 27				
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	4DO, 4LO
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	4KO

LOGGED 1980 / CHECKED & ASSAYED 1981

DDH 15-A-90 (2–8) **Cyprus Anvil Mining Corp** Page ____ of ____

CHECKED ~~Logged~~ by GG

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

UNITS = METRES

CODE	FROM (10–14)	TO (16–20)	SAMPLE (22–26)	INTR. (28–30)	REC (m) (32–34)	UNIT (36–40)	DESCRIPTION (42)
P	1419 2	1510 5	193105	1.3	1 3	4B4	
P	1505	1517	193106	12	12	4B4	
P	1517	1536	193107	19	19	5C4*	+(5D*)
P	1536	1550	193108	14	14	4B4	
P	1550	1564	193109	14	14	4B4	
	1564	1577	—	13	—	5C*	LOW GRADE NOT SAMPLED // ASSAY = 0%
P	1577	1594	193110	17	16	4B4	
P	1594	1612	193111	18	17	4B4	
	1612	1621	—	09	—	5D4*	LOW GRADE NOT SAMPLED // ASSAY = 0%
P	1621	1633	193112	12	10	4B4	
	1633	1637	—	04	—	5C*	LOW GRADE NOT SAMPLED // ASSAY = 0%
P	1637	1647	193113	10	10	4B4	
P	1647	1688	193114	18	18	4A4	+ (minor 4B4 &)
P	1685	1697	193115	12	108	4L01	+ (5BL) + (4E0) BRECCIA
	1697	1702	—	05	—	5C4*	GOUGE / LOW GRADE NOT SAMPLED // ASSAY = 0%
P	1702	1725	193116	23	23	5A69	±1 +(4L12)
P	1774	1790	193118	16	11	4LE4	
P	1790	1806	193119	16	15	4LE4	
P	1806	1821	193120	15	15	4E14	+ (4A14)
P	1821	1827	193121	06	06	4D4	-SERICITIC
P	1827	1834	193122	07	07	5C4*	
P	1834	1852	193123	18	18	4A14	
P	1852	1870	193124	18	18	4A14	
P	1870	1889	193125	19	19	4A14	
P	1889	1896	193126	07	07	4L01	±1 ±4
P	1896	1901	193127	05	05	4C01	±4
P	1901	1917	193128	16	15	4A14	
P	1917	1933	193129	16	16	4A14	
P	1933	1948	193130	15	15	4A14	
P	1948	1966	193131	18	16	5B6	+(4L1)
P	1966	1978	193132	12	12	4A14	
P	1978	1990	193133	12	12	4A14	
P	1990	1997	193134	07	07	4D0	

LOGGED 1980 / CHECKED & ASSAYED 1981

DDH 15-A-90 (2/8) 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	1997	11019	193355	12 2	12 2	15D*	
P	11019	11033	93356	12 4	11 5	4D0	
P	11033	11041	93357	10 8	10 8	5D*	+(4D0)
P	11041	11063	93358	12 2	12 0	4A4	+(5D4*)
P	11063	11085	93359	12 2	12 1	4A4	+(5D4*)
P	12060	12074	193410	11 4	11 4	4L2	+(4E*9)
P	12138	12145	193411	10 7	10 7	4A4	+(5B26)
P	12145	12154	193412	10 9	10 9	4E*4	+(4E4
P	12154	12160	193413	10 6	10 5	4L14	
P	12160	12164	193414	10 4	10 3	4G*4	+(4A4)
P	12164	12183	193415	11 9	11 9	4A14	
P	12647	12650	193416	10 3	10 3	4A4	±3
P	12650	12657	193417	10 7	10 7	4E4	+(4H4)
P	12657	12661	193418	10 4	10 4	4G*	+(4E4)
P	12661	12675	193419	11 4	11 3	4L0	+(4E4±*)
P	12675	12688	193510	11 3	11 3	4G*4	
P	12688	12699	193117	11 1	10 9	4L0	
P	12699	12709	193511	10 0	10 8	4E4	±7
P	12709	12718	193512	10 9	10 9	4E0	±8
P	12718	12730	193513	11 2	11 2	4E*4	+(4G*) +(4K0
							END OF HOLE @ 316.4m

DDH FAGA.090 (2 / 8) Cyprus Anvil Mining Corp. Page _____ of _____

M

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	29 9	45 3	BP					
F	45 8	46 1	X					
F	57 0	57 2	G					
F	63 3	63 7	B					
F	68 5	69 7	X					
F	69 7	70 2	G					
F	70 2	71 4	1X					
F	71 4	71 9	X					
F	77 4	80 6	3B					
F	110 0	110 2	G					
F	114 4	120 4	2N,N					
F		151 8	G					
F		191 5	G					
F	214 5	218 3	3B					
F	263 6	264 2	G			999999		
F	273 7	275 8	G					

DIAMOND DRILL RECORD

LOGGED BY J. Paxton

PROPERTY VANGORDA, GRUN JOINT VENTURE

D.D.H. No. 75-A90 PAGE 1 of 12

	HIW	OLD						
LATITUDE	35 673.64 N	8N	BEARING OF HOLE	200'	59° 50'	89°	STARTED	July 4, 1975 D.S.
				400'	109° 50'	79°		
DEPARTURE	24 236.22E	74W	DIP OF HOLE	600'	91° 20'	72°	COMPLETED	July 19, 1975 D.S.
				800'	78° 50'	69°	Proposed:	
ELEVATION	4306.96'	4265'	DIP TESTS				DEPTH Ultimate:	~~1171'~~ → 1038'
								(~~1,037.8m~~) 316.38 m

CLAIM No.

DIRECTION AND DISTANCE FROM NE. CLAIM POST

metres FOOTAGE 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		TRICONE													
0	29.87	BW CASING													
29.9	46.2	QUARTZ - SERICITE PHYLLITE Dark gray sericite phyllite. Bleached 29.87-46.20. F2 strong @ 80°. Core blocky and broken.	15.0/ 16.3												
46.2	49.2	QUARTZ - SERICITE PHYLLITE. Bleached. 70% silicified material. 30% sericite, chlorite and mariposite. F2 = 50°. Traces of lead-zinc. Fault gouge @ 49.15-49.25. Walls @ 15°.	2.5/ 3.0												
49.2	51.6	SULPHIDES AND QUARTZ Banded at 50° with 2-5mm interbands of sulphides. Estimate: 10% pyrite, 7% lead-zinc.	2.40	1849	49.25	51.65	2.40	2.40	5.16	1.21			5,760	12.384	2.904
51.6	53.6	QUARTZ - SERICITE PHYLLITE. Bleached Massive, fine grained, buff coloured earthy kaolinitic rock. Traces of pyrite, lead-zinc.	2.0/ 2.0	1850	51.65	53.65	2.00	.13	1.08	.06		0.60%	0.078 0.230	0.648 2.160	0.036 0.120

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-A90 PAGE 2 of 12

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
53.6	56.5	SULPHIDES AND QUARTZ (similar to 49.2-51.6) Numerous open, slightly recumbent folds with axis at 60° to C.A. Estimate 5% pyrite, 4% lead-zinc.	2.85	1851	53.65	56.50	2.85	1.45	3.90	.77			4.133	11.115	2.195
				W. Av.	49.25	5225	3.0	1.95	4.34	0.98	(33.6)		5.838	13.032	2.940
56.5	57.7	QUARTZ - CHLORITE Bleached. 70% silica, 30% chlorite. 57.0-57.2 -- fault gouge. Walls at 80°.	1.2/ 1.2												
57.7	61.5	SULPHIDES AND QUARTZ 2-5 mm interbands of quartz and pyrite. Estimate 5% pyrite and 5% lead-zinc.	3.83	1852	57.67	61.50	3.83	1.88	4.44						
61.5	62.4	BLEACHED ZONE -- similar to 56.6-57.7 Contacts sharp at 60°.	c.f/ c.f 9.0/ ~~9.0~~												
62.4	64.7	SULPHIDES AND QUARTZ Pyrite Lead-zinc 2-5 mm interbands at 60-80°.													
		62.78-62.98 -- massive 5% 4%	.90	1856	62.4	63.3	0.90	2.08	5.04	34.3					
		63.3-63.67 -- fault gouge. Bleached. Mariposite. -- --	.37/ .37		63.3	67.3									
		4% 3%	1.03	1853	63.7	64.7	1.03	1.50	3.72	25.4			1.55	3.83	26.16

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-A90 PAGE 3 of 12

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
64.7	66.5	QUARTZ - SERICITE PHYLLITE													
		Dark gray colour. Estimate 3% pyrite, 2% lead-zinc.	1.8	1854	64.7	66.5	1.8	1.48	3.42	24.3			2.666	6.156	43.74
					63.7	66.5	2.83	1.49	3.53	24.7		Weighted Average	4.21	9.99	69.90
66.5	70.2	BLEACHED BUFF SERICITE MATERIAL		W. Av.	49.25	66.50	17.25	1.36	3.32	23.1			23.404	57.188	11.644
		67.45-67.65 -- massive pyrite-pyrrhotite vein with inclusions of siliceous material. Walls at 45°.	1.95		66.55	68.45									
		68.45-69.77 -- breccia of 1-5 cm rounded masses of siliceous and/or chloritic material in a pyrite-pyrrhotite-sphalerite ground mass. Estimate 4% pyrite, 1% lead-zinc.	0.95	1855	68.45	69.77	1.32	1.18	1.58	15.1					
		69.77-70.2 -- bleached and leached earthy brown sericite-kaolin-quartz material. (solid fault gouge?)	0.45		69.77	70.2									
				~~1856~~	~~62.4~~	~~63.3~~	~~.9~~	~~2.08~~	~~5.04~~	~~34.3~~		Weighted Average			
70.2	79.0	GRAPHITIC - SERICITE - QUARTZ PHYLLITE													
		Occasional small F2 folds. F2 good at 80°. Scattered pyrite and sphalerite. Estimate 15% pyrite, 3% lead-zinc.	2.3	1857	70.2	72.5	2.3	.87	1.64	17.1					
		70.2-71.0 -- breccia of graphitic phyllite fragments 1-5 cm in a pyrite-pyrrhotite groundmass. Minor lead-zinc noted.			72.5	77.39									
		77.4-77.42 - massive pyrite-sphalerite vein at 90°. Trace of magnetite.													
			Pyrite	Lead-zinc											
79.0	79.9	GRAYISH - SERICITE - QUARTZ PHYLLITE	15%	3%	1.06	1858	77.39	79.05	1.66	4.60	7.56	61.4	7.636	12.549	2.9114
		Locally brecciated and mineralized with pyrite and minor sphalerite. Occasional	10%	1%	.80	1859		79.90	.85	.70	1.82	12.0	0.595	1.547	0.2975
		1-3 cm rounded black chert pebble inclusions.	25%	7%	2.75	1860		82.65	2.75	7.43	10.70	110.0	20.432	29.425	8.8275

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-A90 PAGE 4 of 12

CLAIM No.

N — DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Pyrite	Lead-zinc	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
					#												
79.9	82.5	QUARTZ - SERICITE ?			0.80		82.65	83.45		5.45	8.27	77.39	82.65		28.6635	29.43	
		BRECCIA	5%	2%	1.25	1862	83.45	84.70	1.25	1.68	5.40	.74			2.10	6.75	0.925
		Rounded fragments of phyllite and quartz in pyrite-sphalerite groundmass.	10%	4%	2.25	1863		86.95	2.25	2.18	5.04	1.12			4.905	11.34	2.520
			8%	3%	1.80	1864		88.90	1.95	3.45	6.60	1.29			6.73	12.87	2.516
82.5	83.3	SERICITE PHYLLITE	15%	1%	1.10	1865		90.0	1.10	1.88	1.88	.59			2.068	2.068	0.649
		Bleached and leached with flecks of green mariposite. Contacts @ 65°.	30%	3%	1.00	1866		91.0	1.00	2.38	2.46	1.00	2.12	2.16	2.380 .82	2.460	1.000
			15%	6%	1.00	1867		92.0	1.00	4.35	7.08	1.94			4.350	7.080	1.940
83.3	91.0	DARK GRAY SERICITE PHYLLITE	15%	7%	1.00	1868		93.0	1.00	5.11	6.13	2.24			5.11	6.13	2.24
		Interbanded with pyrite-lead-zinc mineralization in bands 1-2 cm.	20%	6%	0.95	1869		93.95	0.95	3.60	4.08	1.47			3.42	3.876	1.397
		Mineralized open F2 folds noted. 88.9-90.0 -- bleached sericite fold crest	8%	8%	0.50	1870		94.60	0.65	3.83	8.72	1.76			2.4895	5.668	1.144
		90.8-91.0 -- massive pyrite with traces of lead-zinc	8%	3%	0.25	1871		94.85	0.25	4.13	9.60	2.09	3.91	8.97	1.0325	2.400 1.84	0.523
						X	82.65	86.95	3.5	2.00	5.17	.98	Weighted Average		28.6635	43.52 16	X
							77.39	82.65	5.26	5.45	8.27	78.8			7.005	18.09	
							83.45	86.95	3.5	2.01	5.17						
							91.0	94.85	3.85	4.26	6.53	64.5					
						W. Av	83.45	88.90	5.45	2.52	5.68	37.5			13.733	30.960	5.961
						— " —	88.90	91.00	2.1	2.12	2.16	26.9			4.448	4.528	1.649

DIAMOND DRILL RECORD

LOGGED BY J. Paxton

PROPERTY

D.D.H. No. 75-A90 PAGE 5 of 12

LATITUDE BEARING OF HOLE STARTED CLAIM No.

DEPARTURE DIP OF HOLE COMPLETED

ELEVATION DIP TESTS DEPTH Proposed: Ultimate:

N — DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Pyrite	Lead-zinc	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
91.0	99.5	SULPHIDES AND QUARTZ															
		Banded sulphides and silicified phyllite. F1 prominent at 0-45°. F2 at 70-80°.	5%	1%	1.55	1872	94.85	96.40	1.55	.35	.40	.15					
			8%	6%	2.10	1873		98.50	2.10	3.75	5.52	1.76			7.875	11.592	3,696
			10%	4%	1.00	1874		99.50	1.00	3.23	4.14	1.30			3.23	4.14	1.30
99.5	101.9	QUARTZ - SERICITE PHYLLITE (?)	---	---	2.3/ 2.3			101.9							0	0	0
		Bleached buff vuggy kaolinzed sericite rock. May be altered	10%	3%	2.05	1875	X	104.0	2.05	3.12	5.52	1.29			6.396	11.316	2.709
		granitic dyke. Contacts sharp at 50°.	20%	6%	1.00	1876		105.0	1.00	5.88	9.51	2.48			5.88	9.51	2,48
			10%	5%	1.00	1877		106.0	1.00	4.28	8.50	1.59			4.28	8.50	1.59
101.9	108.0	SULPHIDES AND QUARTZ	10%	10%	1.00	1878		107.0	1.00	8.91	15.64	3.65			8.91	15.64	3.65
		Interbanded quartz, silicified phyllite and sulphides at 60°.	10%	12%	1.00	1879	X	108.0	1.00	6.94	13.67	3.03			6.94	13.67	3.03
		Bands 1-5 cm parallel to F2.					=										
108.0	110.2	MIXED ZONE			2.0/ 2.2		104	108	4.00	6.50	11.83	2.69 (92.1)		Weighted	26.01 Average	47.32	10.75
		108.0-108.3 -- bleached buff sericite.															
		108.3-108.4 -- gouge					96.4	99.5	3.1	3.58	5.07	55.3			11.105	15.732	4.996
		108.4-108.5 -- black plastic fault gouge					101.9	108	6.10	5.34	9.66	2.206 (75.69)			32.562	58.912	13.459

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-A90 PAGE 9 of 12

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
214.5	215.4	QUARTZ - SERICITE PHYLLITE WITH SULPHIDES	Pyrite	Lead-zinc													
		Massive pyrite and sphalerite contacts sharp at 70°.	10%	4%	0.8	1881	213.3	214.6	1.3	4.80	7.83	1.82			6.24	10.179	2.366
			20%	15%	0.8	1882		215.4	0.8	7.50	12.32	2.94			6.00	9.856	2.352
215.4	218.2	QUARTZ - SERICITE PHYLLITE	5%	3%	0.8	1883	- 216.2	216.2 216.7	0.8 0.5	3.19	5.04	1.32			2.552 0.890	4.032 1.680	1.056 0.370
		With wisps of sphalerite and galena.	5%	2%	0.3	1884		216.8	0.6	1.78	3.36	.74			1.068	2.016	0.444
			5%	5%	1.3	1885		218.2	1.4	1.68	3.06	.59			2.352	4.284	0.826
218.2	228.0	QUARTZ - SERICITE PHYLLITE															
		F2 = 80-85°.															
		Bleached 218.3-219.2, 222.5-224.4.															
228.0	252.0	BLEACHED BUFF SERICITE - KAOLIN PHYLLITE				Wt. Au	213.3	216.2	2.9	5.10	8.30	1.99	(68.3)		14.792	24.067	5.774
		Faint F1 in open F2 folds.				" "	216.2	218.2	2.0	1.71	3.15	0.64	(21.8)		3.420	6.300	1.270
		239.5-242 -- cream colourted 2 mm porphyroblasts of staurolite.															
		F2 @ 80° @ 233, 70° @ 237, 75° @ 240, 80° @ 245.				" "	213.3	216.7	3.4	4.61	7.57	1.91	(62.1)		15.68	25.75	6.14
252.0	253.9	QUARTZ - SERICITE PHYLLITE															
		Gray colour. 253.5-253.9. Gouge @ 60°.															

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-A90 PAGE 10 of 12

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
253.9	258.5	BLEACHED QUARTZ - SERICITE PHYLLITE 256.0 -- open F3 (?) fold crest 257.2-257.4 -- fault gouge													
258.5	261.5	QUARTZ - SERICITE PHYLLITE Same as previous													
261.5	264.8	BLEACHED SERICITE PHYLLITE BRECCIA Phyllite and quartz fragments in a tan sericite groundmass.													
264.8	266.0	MASSIVE SULPHIDES Open fold nose. 30% quartz and barite. 3% magnetite. Estimate 60% pyrite, 6% lead-zinc.	1.3	1886	265.7	266.0	1.3	4.50	5.28	1.65			5.85	6.86	2.15
266.0	267.5	SULPHIDE ZONE Breccia. Masses and bands of massive sulphides in a buff quartz-sericite groundmass.													
267.5	268.7	QUARTZ - SERICITE BRECCIA WITH SULPHIDES Breccia of quartz and 1-3 cm sericite fragments in a massive sulphide groundmass.													

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-A90 PAGE 12 of 12

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
287.2	305.1	SERICITE PHYLLITE													
		Pale gray colour. Very fissile with strong F2 @ 70-80°throughout.													
		295.0-295.5 -- white quartz													
		294.8-294.9 -- pink garnets 1-3mm noted													
		300.2 -- abrupt colour change from pale gray to dark gray													
305.1	308.4	CHLORITE - SERICITE PHYLLITE													
		Gray colour with mottles of dark green chlorite. Streaks of mariposite													
		Scattered wisps of pyrite. F2 = 70°.													
308.4	314.0	GRAPHITE - SERICITE PHYLLITE													
		Black colour. Fissile. F3 kink fold lineation intersects L2													
		@ 80°. F2 70° throughout. Gouge -- 313.8-314.0.													
314.0	316.4	QUARTZ - SERICITE PHYLLITE													
		Gray colour. F2 = 70°. 315.4-315.9 -- gouge													
	316.4	END OF HOLE													
		REMARKS: 1. Relatively hard drilling.													
		2. Tropari surveyed.													
		3. Cemented with 14 bags.													

NOTE Change May 6/75 from to Vane copy

DIAMOND DRILL RECORD

LOGGED BY J. Paxton

PROPERTY VANGORDA, GRUN JOINT VENTURE

D.D.H. No. 75-A90 PAGE 1 of 12

	HIW	OLD						
LATITUDE	35 673.64 N	8N	BEARING OF HOLE	200'	59° 50'	89°	STARTED	July 4, 1975 D.S.
				400'	109° 50'	79°		
DEPARTURE	24 236.22E	74W	DIP OF HOLE	600'	91° 20'	72°	COMPLETED	July 19, 1975 D.S.
				800'	78° 50'	69°	Proposed:	
ELEVATION	4306.96'	4265'	DIP TESTS				DEPTH Ultimate:	1171' (1,037.8m)

N — DIRECTION AND DISTANCE FROM NE. CLAIM POST

CLAIM No.

metres

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec. Ft.	Sample No.	metres From	metres 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		TRICONE													
0	29.87	BW CASING													
29.9	46.2	QUARTZ - SERICITE PHYLLITE Dark gray sericite phyllite. Bleached 29.87-46.20. F2 strong @ 80°. Core blocky and broken.	15.0/16.3												
46.2	49.2	QUARTZ - SERICITE PHYLLITE. Bleached. 70% silicified material. 30% sericite, chlorite and mariposite. F2 = 50°. Traces of lead-zinc. Fault gouge @ 49.15-49.25. Walls @ 15°.	2.5/3.0												
49.2	51.6	SULPHIDES AND QUARTZ Banded at 50° with 2-5mm interbands of sulphides. Estimate: 10% pyrite, 7% lead-zinc.	2.40	1849	49.25	51.65	2.40	2.40	5.16	1.21			5,760	12.384	2.904
51.6	53.6	QUARTZ - SERICITE PHYLLITE. Bleached Massive, fine grained, buff coloured earthy kaolinitic rock. Traces of pyrite, lead-zinc.	2.0/2.0	1850	51.65	53.65	2.00	.13	1.08	.06		0.60%	0.078 0.230	0.648 2.160	0.036 0.120

DIAMOND DRILL RECORD

LOGGED BY J. Paxton

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
53.6	56.5	SULPHIDES AND QUARTZ (similar to 49.2-51.6)													
		Numerous open, slightly recumbent folds with axis at 60° to C.A. Estimate 5% pyrite, 4% lead-zinc.	2.85	1851	53.65	56.50	2.85	1.45	3.90	.77			4.133	11.115	2.195
				W. Hw.	49.25	5225	3.0	1.95	4.34	0.98	(33.6)		5.838	13.032	2.940
56.5	57.7	QUARTZ - CHLORITE Bleached.													
		70% silica, 30% chlorite.	1.2/												
		57.0-57.2 -- fault gouge. Walls at 80°.	1.2												
57.7	61.5	SULPHIDES AND QUARTZ													
		2-5 mm interbands of quartz and pyrite. Estimate 5% pyrite and 5% lead-zinc.	3.83	1852	57.67	61.50	3.83	1.88	4.44	(0.91)			7.20	17.01	3.49
61.5	62.4	BLEACHED ZONE -- similar to 56.6-57.7													
		Contacts sharp at 60°.	~~9.0~~/ 0.1												
			~~9.0~~ 1.9												
62.4	64.7	SULPHIDES AND QUARTZ Pyrite Lead-zinc													
		2-5 mm interbands at 60-80°.								1.00					
		5% 4%	.90	1856	62.4	63.3	0.90	2.08	5.04	(34.3)			1.87	4.54	0.90
		62.78-62.98 -- massive	.37/												
		63.3-63.67 -- fault gouge. Bleached. -- --	.37		63.3	67.3									
		Mariposite.								0.74					0.76
		4% 3%	1.03	1853	63.7	64.7	1.03	1.50	3.72	(25.4)			1.55	3.83	(26.16)

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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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
64.7	66.5	QUARTZ - SERICITE PHYLLITE													
		Dark gray colour. Estimate 3% pyrite, 2% lead-zinc.	1.8	1854	64.7	66.5	1.8	1.48	3.42	0.44 (24.3)			2.666	6.16	1.28 (43.74)
				Wt. Av	63.7	66.5	2.83	1.49	3.53	0.72 (34.7)		Weighted Average	4.21	9.99	(69.90)
66.5	70.2	BLEACHED BUFF SERICITE MATERIAL		Wt. Av.	49.25	66.50	17.25	1.36	3.32	(23.1)			23.464	57.188	11.644
		67.45-67.65 -- massive pyrite-pyrrhotite vein with inclusions of siliceous material. Walls at 45°.	1.95		66.5	68.45									
		68.45-69.77 -- breccia of 1-5 cm rounded masses of siliceous and/or chloritic material in a pyrite-pyrrhotite-sphalerite ground mass. Estimate 4% pyrite, 1% lead-zinc.	0.95	1855	68.45	69.77	1.32	1.18	1.58	15.1					
		69.77-70.2 -- bleached and leached earthy brown sericite-kaolin-quartz material. (solid fault gouge?)	1.43	1856	62.4 / 69.77	63.3 / 70.2	.9	2.08	5.04	34.3		Weighted Average			
70.2	79.0	GRAPHITIC - SERICITE - QUARTZ PHYLLITE													
		Occasional small F2 folds. F2 good at 80°. Scattered pyrite and sphalerite. Estimate 15% pyrite, 3% lead-zinc.	2.3	1857	70.2	72.5	2.3	.87	1.64	17.1					
		70.2-71.0 -- breccia of graphitic phyllite fragments 1-5 cm in a pyrite-pyrrhotite groundmass. Minor lead-zinc noted.		Wt. Av	63.4	72.5	9.1	2.53	4.5				9.41		
		77.4-77.42 - massive pyrite-sphalerite vein at 90°. Trace of magnetite.													
		Pyrite Lead-zinc													
79.0	79.9	GRAYISH - SERICITE - QUARTZ PHYLLITE 15% 3%	1.06	1858	77.39	79.05	1.66	4.60	7.56	61.4		7.636	12.5496	2.4974	
		Locally brecciated and mineralized with pyrite and minor sphalerite. Occasional 10% 1%	.80	1859		79.90	.85	.70	1.82	(0.353) 12.0		0.595	1.547	0.2975	
		1-3 cm rounded black chert pebble inclusions. 25% 7%	2.75	1860	79.50	79.90 / 82.65	.40 / 2.75	7.43	10.70	110.0		0.28 / 20.432	0.728 / 29.425	0.14 / 8.8275	

DIAMOND DRILL RECORD

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PROPERTY

LATITUDE BEARING OF HOLE STARTED

DEPARTURE DIP OF HOLE COMPLETED

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N — DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Pyrite	Lead-zinc	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
79.9	82.5	QUARTZ - SERICITE ?							?	5.45	8.27	77.39	82.65		28.6635	29.43	
		BRECCIA	5%	2%	1.25	1862	83.45	84.70	1.25	1.68	5.40	.74			2.10	6.75	0.925
		Rounded fragments of phyllite and quartz in pyrite-sphalerite groundmass.	10%	4%	2.25	1863		86.95	2.25	2.18	5.04	1.12			4.905	11.34	2.520
			8%	3%	1.80	1864		88.90	1.95	3.45	6.60	1.29			6.73	12.87	2.516
82.5	83.3	SERICITE PHYLLITE	15%	1%	1.10	1865		90.0	1.10	1.88	1.88	.59			2.068	2.068	0.649
		Bleached and leached with flecks of green mariposite. Contacts @ 65°.	30%	3%	1.00	1866		91.0	1.00	2.38	2.46	1.00	2.12	2.16	2.380 .82	2.460	1.000
			15%	6%	1.00	1867		92.0	1.00	4.35	7.08	1.94			4.350	7.080	1.940
83.3	91.0	DARK GRAY SERICITE PHYLLITE	15%	7%	1.00	1868		93.0	1.00	5.11	6.13	2.24			5.11	6.13	2.24
		Interbanded with pyrite-lead-zinc mineralization in bands 1-2 cm.	20%	6%	0.95	1869		93.95	0.95	3.60	4.08	1.47			3.42	3.876	1.397
		Mineralized open F2 folds noted. 88.9-90.0 -- bleached sericite fold crest	8%	8%	0.50	1870		94.60	0.65	3.83	8.72	1.76			2.4895	5.668	1.144
		90.8-91.0 -- massive pyrite with traces of lead-zinc	8%	3%	0.25	1871		94.85	0.25	4.13	9.60	2.09	3.91	8.97	1.0325	2.400	0.523
						Wt Av	82.65	86.95	3.5	2.00	5.17	.98			Weighted Average		
						"	77.39	82.65	5.26	5.45	8.27	78.8			28.6635	43.5216	
						"	83.45	86.95	3.5	2.01	5.17				7.005	18.09	
						"	91.0	94.85	3.85	4.26	6.53	64.5					
						"	79.50	82.65	3.15	6.58	9.57	97.6			20.712	30.153	8.988
						W.Av	83.45	88.90	5.45	2.52	5.68	37.5			13,733	30,960	5.961
						— " —	88.90	91.00	2.1	2.12	2.16	26.9			4.448	4.528	1.649

...OND DRILL RECORD

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LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

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N — DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Pyrite	Lead-zinc
91.0	99.5	SULPHIDES AND QUARTZ Banded sulphides and silicified phyllite. F1 prominent at 0-45°. F2 at 70-80°.	5%	1%
			8%	6%
			10%	4%
99.5	101.9	QUARTZ - SERICITE PHYLLITE (?) Bleached buff vuggy kaolinzed sericite rock. May be altered granitic dyke. Contacts sharp at 50°.	---	---
			10%	3%
			20%	6%
			10%	5%
101.9	108.0	SULPHIDES AND QUARTZ Interbanded quartz, silicified phyllite and sulphides at 60°. Bands 1-5 cm parallel to F2.	10%	10%
			10%	12%
108.0	110.2	MIXED ZONE 108.0-108.3 -- bleached buff sericite. 108.3-108.4 -- gouge 108.4-108.5 -- black plastic fault gouge		

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
1.55	1872	94.85	96.40	1.55	.35	.40	.15					
2.10	1873		98.50	2.10	3.75	5.52	1.76			7.875	11.592	3.696
1.00	1874		99.50	1.00	3.23	4.14	1.30			3.23	4.14	1.30
2.3/2.3			101.9							0	0	0
2.05	1875		104.0	2.05	3.12	5.52	1.29			6.396	11.316	2.709
1.00	1876		105.0	1.00	5.88	9.51	2.48			5.88	9.51	2.48
1.00	1877		106.0	1.00	4.28	8.50	1.59			4.28	8.50	1.59
1.00	1878		107.0	1.00	8.91	15.64	3.65			8.91	15.64	3.65
1.00	1879		108.0	1.00	6.94	13.67	3.03			6.94	13.67	3.03
	Wt Av	77.4	108.0	30.6	9.39				Calc.			
2.0/2.2		104	108	4.00	6.50	11.83	2.69 (92.1)			26.01	47.32	10.75
		96.4	99.5	3.1	3.58	5.07	55.3			11.105	15.732	4.996
		101.9	108	6.10	5.34	9.66	76			32.562	58.912	13.459

Weighted Average

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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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
		108.5-108.8 -- graphitic quarts phyllite													
		108.8-109.8 -- bleached kaolinized zone Shale? Faint F1 bedding? 80°.													
		109.8-110.1 -- graphitic quartz phyllite 110.1-110.2 -- bleached kaolinzed zone													
110.2	123.8	QUARTZ - SERICITE PHYLLITE													
		Gray colour. Strong F2 @ 75-80 . Numerous small complex F2 folds between F2 planes.	13.6/ 13.6												
123.8	134.0	CHLORITE - SERICITE PHYLLITE													
		Mottled pale gray and green. 20% calcite content. Numerous F2 folds. F2 foliation strong @ 70°125, 50° @ 130, 80° @ 133 .	10.0/ 10.2												
134.0	150.9	QUARTZ - SERICITE PHYLLITE													
		Dark gray colour. Numerous irregular small quartz veins 2-5 cm Blocky, ground core. F2 @ 85°.	15.5/ 16.9												
150.9	151.8	FAULT GOUGE	0.2/ 0.9												
151.8	152.5	GRAPHITIC PHYLLITE	0.7/ 0.7												

DIAMOND DRILL RECORD

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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
152.5	158.0	QUARTZ - SERICITE PHYLLITE													
		Similar to 134.6-150.9. F2 = 60°.	5.5/												
		155.9-156.5 -- quartz vein at 60°.	5.5												
158.0	188.6	GRAPHITE - QUARTZ PHYLLITE													
		Dark gray and white stripped. Well defined F1 folded between	30.0/												
		F2 planes. F2 @ 60°160, 45° @ 163, 55° @ 170, 70° @ 172, 85° @	30.6												
		182. Scattered pyrite, generally following F1.													
		White quartz 163.3-163.6, 169.8-170.0.													
		Fault gouge @ 164.3-164.4, 165.8-165.9, 181.1-181.15, 188.5-188.8													
188.6	192.3	BLEACHED BUFF SERICITE PHYLLITE													
		Gouge and breccia @ 191.4-191.6. Sharp contacts @ 75°.	3.7/												
			3.7												
192.3	193.7	QUARTZ - SERICITE PHYLLITE. Gray colour.	1.4/												
			1.4												
193.7	194.4	BLEACHED BUFF SERICITE PHYLLITE													
		Breccia and gouge @ 194.2-194.4 @ 45°.	0.6/												
			0.7												

DIAMOND DRILL RECORD

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PROPERTY

LATITUDE BEARING OF HOLE STARTED

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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
194.4	206.0	GRAPHITE - QUARTZ PHYLLITE													
		Strong F1, 1-3 cm cut by F2 @ 80-90°. 1-2 mm stringers of pyrite. Bleached buff zones -- 201.0-201.4	11.6/ 11.6												
		201.6-202.4													
		204.2-204.6													
		Fault gouge and breccia 205.2-205.3.													
206.0	206.84	MASSIVE SULPHIDES													
		206.0-206.3 -- massive sphalerite and pyrite. Fine-grained dark brown colour. Contains 5-2 cm fragments of siliceous material. Contacts harp at 70°. Estimate 10% pyrite, 12% lead-zinc.	0.9	1880	206.0	207.0	1.0	4.69	6.05	2.65					
		206.3-206.7 -- bleached sericite													
		206.7-206.8 -- massive sphalerite													
206.84	213.3	QUARTZ - GRAPHITE PHYLLITE													
		Locally bleached. Traces of lead-zinc locally.	6.5/ 6.5												
		209-212 -- brecciated phyllite and contorted quartz veins plus dark brown carbonate													
213.3	214.5	FRACTURED SERICITE PHYLLITE with massive sphalerite filling fractures.													

DIAMOND DRILL RECORD

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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
214.5	215.4	QUARTZ - SERICITE PHYLLITE WITH SULPHIDES	Pyrite	Lead-zinc													
		Massive pyrite and sphalerite contacts sharp at 70°.	10%	4%	0.8	1881	213.3	214.6	1.3	4.80	7.83	1.82			6.24	10.179	2.366
			20%	15%	0.8	1882		215.4	0.8	7.50	12.32	2.94			6.00	9.856	2.352
215.4	218.2	QUARTZ - SERICITE PHYLLITE	5%	3%	0.8	1883		216.2	0.8	3.19	5.04	1.32			2.552	4.032	1.056
		With wisps of sphalerite and galena.	5%	2%	0.3	1884		216.8	0.6	1.78	3.36	.74			1.068	2.016	0.444
			5%	5%	1.3	1885		218.2	1.4	1.68	3.06	.59			2.352	4.284	0.826
218.2	228.0	QUARTZ - SERICITE PHYLLITE															
		F2 = 80-85°.															
		Bleached 218.3-219.2, 222.5-224.4.															
228.0	252.0	BLEACHED BUFF SERICITE - KAOLIN PHYLLITE					213.3	216.2	2.9	5.10	8.30	1.99	(68.3)		14.792	24.067	5.774
		Faint F1 in open F2 folds.					216.2	218.2	2.0	1.71	3.15	0.64	(21.8)		3.420	6.300	1.270
		239.5-242 -- cream colourted 2 mm porphyroblasts of staurolite.															
		F2 @ 80° @ 233, 70° @ 237, 75° @ 240, 80° @ 245.															
										4.99	8.13	1.949	(66.8)		14.970	24.403	5.848
252.0	253.9	QUARTZ - SERICITE PHYLLITE															
		Gray colour. 253.5-253.9. Gouge @ 60°.															

DIAMOND DRILL RECORD

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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
253.9	258.5	BLEACHED QUARTZ - SERICITE PHYLLITE													
		256.0 -- open F3 (?) fold crest													
		257.2-257.4 -- fault gouge													
258.5	261.5	QUARTZ - SERICITE PHYLLITE Same as previous													
261.5	264.8	BLEACHED SERICITE PHYLLITE BRECCIA													
		Phyllite and quartz fragments in a tan sericite groundmass.													
264.8	266.0	MASSIVE SULPHIDES													
		Open fold nose. 30% quartz and barite. 3% magnetite. Estimate 60% pyrite, 6% lead-zinc.	1.3	1886	265.7	266.0	1.3	4.50	5.28	1.65					
266.0	267.5	SULPHIDE ZONE													
		Breccia. Masses and bands of massive sulphides in a buff quartz-sericite groundmass.													
267.5	268.7	QUARTZ - SERICITE BRECCIA WITH SULPHIDES													
		Breccia of quartz and 1-3 cm sericite fragments in a massive sulphide groundmass.													

DIAMOND DRILL RECORD

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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
268.7	269.8	BLEACHED SERICITE PHYLLITE F2 = 40°															
269.8	273.1	MASSIVE SULPHIDE															
		Breccia of massive pyrite and quartz fragments in a mixed pyrite-sphalerite-galena groundmass. 1-3% magnetite.															
			Pyrite	Lead-zinc													
273.1	273.7	BLEACHED BUFF SERICITE BRECCIA	8%	2%	1.5	1887	266.0	267.5	1.5	1.00	.72	.38					
		Quartz fragments in buff sericite.	60%	2%	1.2	1888		268.7	1.2	2.50	3.60	1.09					
			2%	Tr.	1.1	1889		269.8	1.1	.35	.29	.24					
273.7	275.8	FAULT GOUGE.	60%	15%	1.2	1890		271.0	1.2	10.80	5.88	3.15			12.960	7.056	3.780
		Walls sharp at 45°.	70%	1%	0.9	1891		271.9	0.9	5.20	3.54	1.76			4.68	3.186	1.584
			60%	3%	1.2	1892		273.1	1.2	4.13	4.98	1.73			4.956	5.976	2.076
275.8	285.6	SERICITE - BIOTITE PHYLLITE															
		Very pale gray colour with brown streaks of fine biotite. F2 strong = 70°. 5% find disseminated pyrite.															
		918.9-919.1 -- white quartz					269.8	273.1	3.3	6.85	4.91	2.25	(77.3)		22.596	16.218	7.44
285.6	287.2	METAMORPHOSED DARK ROCK ~~(plot B?)~~															
		Dark grayish-brown colour. Massive with no F2 foliation. Appear to be composed of very fine biotite. Contacts irregular & brecciated.															

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 = 618.9 Z = 1302.2

SECTION NAME: 74W

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 = 618.9 Z = 1302.2

SECTION NAME: 74W

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 29 OCT 1984 3:40 PM

75 A092

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: 288.6 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	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.
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: FAGAD92 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	(1QQ0) 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	&C	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	0C20	5A69	PY PO MINOR SPHAL	0.5-	1
176.0	0C21	5B48	0 (5D4) (5B20)	0.5-	1
181.5	0C22	5A0	(5B40 (5D4*)	0.5-	1
183.2	0C23	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	0C28	4L24	(5D4*) MINOR	0.5-	1
220.4	0C29	5B6	-> (5B64)	0.5-	1
235.9	0C30	4L2		0.5-	1
238.4	0C31	5B6		0.5-	1
246.6	0C32	5B4	&8?	0.5-	1
259.0	0C33	5BC	BIO CHL	0.5-	1
260.9	0C34	5D0		0.5-	1
267.6	0C35	5B2C		0.5-	1
269.4	0C36	5A0		0.5-	1
281.0	0C37	5B26	&0	0.5-	1
282.0	0C38	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	PROCESS
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	0	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

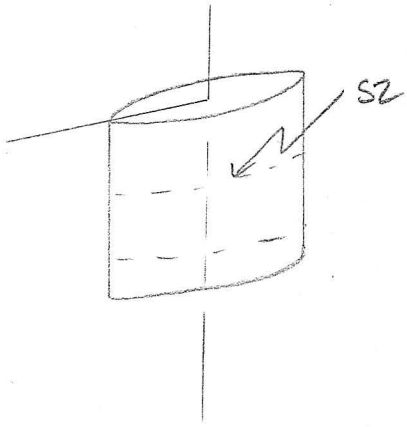
Grid Co-ords.: 74W | 10N

_____

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 | 80

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	1310.9	9051261.4	592424.0	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	1821.9	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 75-A092 (2 / 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Logged By: PN / RST

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	51.7	2	4 D L	qtz & sericite clasts in sulphide matrix; 10% PbZn; blocky, broken core 49.4 – 51.2 m; 4A4 56.0 – 56.7 m;
L	51.7	74.7	3	5 B 2	non-calcareous; minor py blebs; QQQ 69.8 – 70.3 m, 70.7 – 70.9 m, 73.5 – 74.6 m;
L	74.7	78.0	4	5 D 10	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	80.9	5	5 A 10	5DO 79.2 – 79.3 m; calcite filling tension gashes;
L	80.9	85.8	6	5 D 10	minor py stringers & qtz veins; sericitic i parts;
L	85.8	87.8	7	5 B 2	minor 5DO layers from 85.9 – 86.1 m; calcareous; few qtz lenses;
L	87.8	89.9	8	~~5 C 0~~ mot 5 D 10	mottled 88.5 – 89.1 m; minor mt + py stringers at 89.6 m; few layers at 5B2;
L	89.9	92.2	9	5 B 2	non calcareous; minor py blebs;
L	92.2	93.9	10	~~5 C 0~~ mot	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	5 B 2	minor py stringers & blebs; minor po blebs at 97.7 m; very slightly calcareous; few narrow bands of 5DO bet 94.8 and 95.7 m; minor sph at 99.3 m;
L	101.3	106.5	12	5 A 10	very slightly calcareous up to 105.5 then moderately calcareous to 106.5 m; minor py & calcite fracture fillings;
L	106.5	111.7	13	5 B 2	minor py, small (<1 mm) calcite blebs; negligibly calcareous; calcareous 5D4 107.0 – 107.4 m;
L	111.7	118.0	14	5 A 10	numerous calcareous tension crack fillings; minor py; gouge 112.0 – 112.1 m;
L	118.0	130.5	15	5 B 6	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	155.1	16	5 D 10	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 152.4 – 152.6 m; sheared at 134.3, 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,

See Addendum RST

DDH 75-A092

Cyprus Anvil Mining Corp.
Lithologic Log

Logged By: PN

Code	From	To	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
					153.8-154.0m; 154.4-154.8 m; 2cm. band of po w/ minn py, calcareous blebs at 154.4 m; minn py throughout; thin band of red sph. at 153.8 m; very slightly calcareous except from 136.5-140.2m where moderately calcareous
L	151.5	174.4	17	5A16	minor py tension gash fillings; lesser sph; gouge from 156.4-156.6 m; 5DO from 157.4-157.7m; 1cm. thick band of po, py at 159.4m; few minn interbands of 5BO & bleached sericite;
L	174.4	176.0	18	5B14	bleached green-grey sericite w/ interlayers of qtz w/ calcite blebs; minor py, po stringers; bleached tuffaceous 5DO from 174.8-174.9 m; interband of 5BO from 175.2-175.5m w/ gradational boundaries;
L	176.0	181.5	19	5A10	w/ minn py stringers; interbands of calcareous 5B4 from 176.4-176.5 m, 177.1-177.2, 177.3-177.4; 4LO interbanded w/ bleached 5DO with manganosite, 179.6-180.4m; calcareous crack fillings;
L	181.5	183.2	210	5D14	bleached calcareous 5D w/ manganosite; calcite fracture fillings; minn qtz-calcite bands;
L	183.2	189.1	211	5B12	calcareous; 5DO 184.0-184.2 m; gouge w/ calcite clasts at contact at 184.0m; gouge at 187.1-188.9 m (Rec only 0.7m)
L	189.1	192.8	22	4LD	py, qtz & calcite clasts in matrix of calcite, sericite, sph, gal, & py; py clasts <3cm. across; 4G4 w/ honey coloured sph 190.7-190.9 m & at 192.2m (5% Pb+Zn); minn sericite clasts; few thin bands of 5D4 w/ manganosite from 189.4-189.6, 190.4-190.6 m;
L	192.8	194.4	23	4LO	minn py, sph & gal bands; minn calcite blebs (<½cm); 1.0 cm. of non-calc. to slightly calc. 5D4 at 193.3m;
L	194.4	220.4	24	5B16	very slightly calc. in few areas; few qtz-ankerite veins; minn py bands; grades into minor interbands of 4LO w/ py from 202.6-203.6, 204.8-205.4m; 211.4-211.8, fault zone 216.3-220.4 w/ graphitic gouge 216.3-216.9m, light grey gouge 216.9-220.4 m;
L	220.4	235.9	25	4LO	non-calc; 0DO w/ minn py (& cavansite) from 120.9-121.4 m; minn py stringers throughout; shear at 223.3, 223.6,

See Petrography Reports

DDH 75-A09Z

Cyprus Anvil Mining Corp.

Lithologic Log

Logged By: PN

Code	From	To	Unit	Code	Description
					278.2-279.2, 230.7-232.3, 233.0-233.5 m; chloritic from 232.5-233.0m;
L	2359	2388	216	5B6	minor py blebs & narrow qtz veins; minin calcite assoc. w/ qtz;
L	2384	2416	217	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	2416	2590	218	5B10	calcareous Jenesim 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	219	5D10	259.0-259.4m mottled calcareous 5D; 259.4-259.5 normal 5D; 259.5-260.9 m 5D46 slightly bleached from the normal 5DD;
L	2610	2676	310	5B12	graphite content increases towards bottom; slightly to moderately calcareous; slightly talcy; gouge from 265.1-266.5 m;
L	2676	2694	311	5A10	w/ minn py blebs
L	2694	2810	312	5B12	slightly calcareous; ankeritic fracture fillings w/ py blebs; gouge from 278.0-278.2 m;
L	2810	2820	313	5A10	
L	2820	2818	6314	5B20	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	From	To	Recov.	No.	Unit	Description
1	10 — 14	16 — 20	22 — 24	26 — 28	30 — 34	35
L	00	494		22	*	O/B.
L	494	515		22	4D4	(4L14, 4C0) Highly broken unit. 40% 4D4, 30% 4L14 30% 4C0.
L	515	538		22	4D4	>10% Pb+Zn qtz clots from < 4mm to 2cm. giving rock 4K appearance. Possibly bx.
L	538	557	14	22	4D4	(4E4, 4L1) 4E4 (0.2m) @ 54m 4L1 (0.3m 54.9. (1.4m Rec)
L	557	567		22	4A0	(4D4) 1st 0.4m of unit 4D4 with 4A clasts in matrix of 4D4. Remainder of unit 4A0. gy/lt gr
						~
L	1896	1908		22	4G4*	(4D46, 4L3) Essentially 4C4 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	
S							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	FZR				S sym. 56.7 - 65.0m; minn scattered
							P regions;
S		5167	CSZ			6112310	
S		6112	CSZ			382310	
S		6650	FZE				Z sym. 65.0 - 67.0m; minn S sym;
S		6650	CSZ			5162310	
S		6703	FZS				S sym. 67.0 - 68.6m;
S		6864	CSZ			392310	
S		6866	FZE				Z sym. 68.6 - 69.6m;
S		6966	FZS				S sym. 69.6 - 71.8m; minn P regions;
S		7111	CSZ			472310	
S		7138	FZE				Z sym. 71.8 - 73.2m; minn P
							regions;
S		7332	FZS				S sym. 73.2 - 98.1m; minn Z sym.
							76.4 - 76.8m; minn intermittent P &
							R regions;
S		7772	CSZ			402310	
S		8129	CSZ			482310	
S		8774	CSZ			442310	
S		9255	CSZ			452310	
S		9799	CSZ			572310	
S		9881	FZE				Z sym. 98.1 - 119.8m; Scattered
							P regions as well;
S		10077	CSZ			562310	
S		10655	CSZ			6102310	
S		11118	CSZ			602310	
S		11160	CSZ			352310	
S		11198	FZS				S sym. 119.8 - 130.5m; minn P & R regions;
							Z sym at 127.4 & 129.9m;
S		12222	CSZ			402310	
S		12772	CSZ			432310	
S		13105	FZZ				R region 130.5 - 155.1m; very minor

DDH 75-A09Z (2 / 8)

Cyprus Anvil Mining Corp.
Structural Log

Logged By: PN

Code	From	To	Feature	Sym	S_1 Dip Direct.	S_2 Dip Direct.	Description
1	10 14	16 20	22 24	26	28 32	34 38	
							S ⊄ Z sym;
S	1336	P S R			515	2310	
S	1383	P S R			514	2310	
S	1415	P S R			614	2310	
S	1511	P S R			515	2310	
S	1550	P S R			513	2310	
S	1551	F R					Z sym. 155.1 – 166.1m; minor R regions;
S	1607	C S R			43	2310	
S	1657	C S R			713	230	
S	1661	F Z					M region 166.1 – 169.5m; S/Z = 70/30
S	1692	C S Z			711	2310	
S	1695	F M					P region 169.5 – 174.4m;
S	1743	P S Z			713	230	
S	1744	F P					R region 174.4 – 177.5m;
S	1774	P S Z			514	2310	
S	1775	F R					M region 177.5 – 181.5m;
							S/Z = 40/60; minor R region 179.6 – 180.2;
							minor scattered P regions;
S	1811	C S Z			512	2310	
S	1815	F M					R region 181.5 – 195.5m; ½ are M.
							sulphides;
S	1824	P S Z			49	2310	
S	1851	P S Z			512	230	
S	1935	P S Z			58	2310	
S	1955	P S Z			78	230	
S	1955	F R					S sym. 195.5 – 202.7m; minor Z
							sym. at 196.2m; few scattered P regions;
							D at 198.1m;
S	2000	C S Z			58	2310	
S	2011	C S Z			514	2310	
S	2027	F S					R region 202.7 – 204.0m;
S	2040	F 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	C S Z			810	230	
S	2129	C S Z			58	2310	

DDH 75-409.2

Cyprus Anvil Mining Corp.
Structural Log

Logged By: PN

Code	From	To	Feature	sym	S_1 Dip Direct.	S_2 Dip Direct.	Description
1	10 14	16 20	22 24	26	28 32	34 38	
S	214.16	1 CS12				619 2310	
S	216.63	FZ2					R region 216.3 – 288.6m;
S	222.18	PS12				811 2310	
S	222.83	PS12				67 2310	
S	231.07	PS12				612 2310	
S	233.58	PS12				25 2310	
S	237.74	PS12				413 2310	
S	241.03	PS12				316 2310	
S	241.50	PS12				414 2310	
S	251.17	PS12				513 2310	
S	251.84	PS12				418 2310	
S	261.76	PS12				615 2310	
S	271.49	PS12				512 2310	
S	271.79	PS12				513 2310	
S	281.32	PS12				717 2310	
S	284.17	PS12				717 2310	
S	288.84	PS12				615 2310	
	EOH						

DDH 75-A.D.92 (2 / 8)

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

Logged By: PN

Sampled By:

Code	From	To	Sample No.	Description	LENGTH	REC.	UNIT
	10 14	16 20	22 27				
P	4994	5103	118913	K.A.	0.9	0.3	4DL
P	5103	5112	118914	K.A.	0.9	0.4	4DL
P	5112	5124	118915	K.A.	1.2	1.2	4DL
P	5124	5139	118916	K.A.	1.5	1.5	4DL
P	5139	5149	118917	K.A.	1.0	0.7	4DL
P	5149	5158	118918	K.A.	0.9	0.7	4DL
P	5158	5167	118919	K.A.	0.9	0.6	4DL
P	18896	19105	119100	K.A.	0.9	0.9	4LD
P	19105	19115	221112	K.A.	1.0	1.0	4LD
P	19115	19125	221113	K.A.	1.0	1.0	4LD
P	19125	19333	221114	K.A.	0.8	0.8	4LO
P	19333	19433	221115	K.A.	1.0	1.0	4LO

Sect 74W

Orig

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

Logged by RT

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

Smelter

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
	10 14	16 20	22 26	28 30	32 34	36 40	42
P	494	515	92557	21	12	4D4	(4L4, 4C0)
P	515	538	92558	23	22	4D4	
P	538	557	92559	19	12	4D4	(4E4, 4L1)
P	557	567	92560	10	07	4A0	(4D4)
P	1896	1908	92611	12	12	4G4*	(4D46, 4L3)
P	1908	1922	92612	14	12	4C0	(4D0) Bx
P	1922	1930	92613	08	08	4G4*	
P	1930	1944	92614	14	14	4L2	

DDH FAGA092 (2 8) M.

Cyprus Anvil Mining Corp.

Structural Log

Page _____ of _____

Date: _____ Logged By: _____

Code	From	To	Feature	Esys	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	1515	B					
	1538	1557	B	6				
	1112	1121	G					
	1181	1182	G					
		1283	G					
		1348	S					
		1349	S					
		1469	S					
	1516	1566	G					
		1840	G					
	1871	1889	GP	4				
	1908	1922	X					
		1926	X					
	2163	2204	G					
		2233	S					
		2236	S					
	2282	2292	S					
	2307	2373	S					
	2330	2335	S					
	2410	2411	G					
	2468	2472	S					
	2484	2485	S					
	2492	2497	S					
	2527	2534	S					
	R5144	2560	S					
	2581	2585	S					
	2651	2665	G					
	2780	2782	G					
	2847	2851	G					

DIAMOND DRILL RECORD

LOGGED BY J. Paxton

PROPERTY VANGORDA, GRUM JOINT VENTURE

D.D.H. No. 75-A92 PAGE 1 of 7

	HIW	OLD		depth	bearing	dip
LATITUDE	35 817.73N	10N	BEARING OF HOLE	0'		90°
DEPARTURE	25 374.296E	74W	DIP OF HOLE	200' (65.6m)	30°	20' 86°
ELEVATION	4287.51'	4246'	DIP TESTS	400' (121.92)	92°	20' 76°
				600' (182.88)	85°	40' 70°
				860' (262.128)	81°	20' 64.5°

STARTED July 16, 1975

COMPLETED July 24, 1975

DEPTH Proposed: Ultimate: 288.6m

CLAIM No.

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE (metres) FROM	TO	DESCRIPTION	Estimates Pyrite	Lead-zinc	Rec. Ft.	Sample No.	Footage (metres) From	To	Sample Length	Assay Pb	Zn	Ag	Au	Cu	Assay x Feet Pb	Zn	Ag
0	49.4	TRICONE															
		BW CASING 49.4 m	20%	12%	0.3	1893	49.4	50.3	0.9	2.08	3.42	41.5			1.81	3.08	37.4
			20%	12%	0.4	1894		51.2	0.9	3.75	4.92	50.4			3.38	4.43	45.4
49.4	51.2	BLOCKY, BROKEN CORE	30%	15%	1.2	1895		52.4	1.2	5.73	4.02	69.6			6.88	4.82	83.5
		Appears to all be similar to 51.2-56.7	25%	20%	1.5	1896		53.9	1.5	10.65	16.76	157.4			15.98	25.14	236.1
51.2	56.7	BRECCIA OF QUARTZ & SILICIFIED SERICITE	25%	15%	0.7	1897		54.9	1.0	8.62	14.07	121.0			8.62	14.07	121.0
		PHYLLITE															
		Fragments in a fine-grained brown sphalerite	20%	15%	0.7	1898		55.8	0.9	3.98	7.22	63.4			3.58	6.50	57.1
		groundmass. Fragments are subangular and range up to 5 cm.	20%	15%	0.6	1899		56.7	0.9	5.63	11.01	86.8			5.07	9.91	78.1
		55.0-56.7 -- rock has a banded rather than breccia structure. Banding is at 30-40° parallel to F2 foliation.															
		F2 changes suddenly at the contact 56.7 from 30° to 70° to core axis.				W.Au	50.3	52.4	2.1	4.88	4.41	1.79	(61.4)		10.251	9.252	3.759
						—"—	49.4	52.4	3.0	4.04	4.11	1.62	(55.4)		12.123	12.330	4.848
56.7	74.7	QUARTZ - SERICITE - TALC - PHYLLITE (S)				—"—	52.4	56.7	4.3	7.73	12.93	3.34	(114.5)		33.244	55.617	14.357
		Dark gray colour. Strong F2 cutting F1 at 45-90°. 69.8-70.3 -- white quartz			17.1/18.0		49.4	56.7	7.3	6.21	9.31	90.19					19.205
		73.8-74.6 -- white quartz F2 = 45° @ 59, 50° @ 62, 45° @ 64, 60° @ 66, 45° @ 68, 40° @ 71, 50° @ 73. 0.15 m of gouge at 74.5															

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-A92 PAGE 2 of 7

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
74.7	77.9	CHLORITE - CALCITE - SERICITE PHYLLITE (C)													
		Gray-green colour. Calcite F1 laminae in open fold crests cut by strong F2 @ 45°. Sharp, unsheared second contact @ 45°.	2.8/ 3.2												
77.9	81.0	QUARTZ - GRAPHITE - SERICITE PHYLLITE (G)													
		Dark gray colour. F2 45°. 77.95-78.0 -- black fault gouge	3.0/ 31.												
81.0	95.7	CHLORITE - CALCITE - SERICITE PHYLLITE (C)													
		F2 = 45° throughout. 85.6-86.5 -- irregular quartz vein. Core ground at 83.5, 85.6, 85.8.	12.7/ 14.7												
95.7	106.3	QUARTZ - GRAPHITE PHYLLITE (G)													
		Dark gray to black colour. Good F1 laminae generally parallel to F2 but locally subvertical. Scattered 1-3 cm blebs of quartz and pyrite which deform F2 laminae. F2 = 70° @ 96, 60° @ 98, 45° @ 100, 60° @ 102, 50° @ 104, 60° @ 106.	9.9/ 10.6												

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-A92 PAGE 3 of 7

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
106.3	107.0	QUARTZ - SERICITE - TALC - PHYLLITE (S)													
		F2 70°.	0.7/ 0.7												
107.0	108.8	CHLORITE - CALCITE - SERICITE PHYLLITE (C)													
		F2 poor at 70°. F1 (?) banding @ 70°. Sharp first contact at 80°.	1.4/ 1.8												
108.8	118.0	QUARTZ - GRAPHITE PHYLLITE (G)													
		Same as 95.7-106.3. 112.0-112.1 -- gouge seam at 45°.	3.9/ 9.2												
118.0	130.5	SERICITE - QUARTZ - CHLORITE PHYLLITE (S)													
		118.0-118.2 -- fault gouge. Walls at 45 . F2 cuts good F1 laminae at 30-70°. F2 fold nose at 119.3.	12.0/ 12.5												
		F2 = 45° @ 118.5, 30° @ 119.0, 0° @ 119.2, 30° @ 119.5, 35° @ 120, 35° @ 122, 45° @ 126, 50° @ 130.													
		123.0=123.40 -- chloritic zone													
130.5	158.3	CHLORITE - QUARTZ - SERICITE PHYLLITE (C)													
		Gray-green colour. Chlorite ranges from very fine-grained to coarse mottled type. Numerous 1-3cm quartz veins with gouge.	18.7/ 27.8												
		Much core lost. F2 = 60° @ 132, 60° @ 124, 55° @ 138, 70° @ 142, 70° @ 144, 80° @ 146, 50° @ 148, 35° @ 151, 50° @ 154, 60° @ 156, 70° @ 158.													

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-A92 PAGE 4 of 7

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
		131.1-131.3 -- scattered 1-2mm porphyroblasts of cream coloured mineral. Staurolite? Gouge -- 156.4-156.5 and 157.2-157.3													
158.3	189.6	SERICITE - QUARTZ - GRAPHITE - TALC PHYLLITE (G)													
		Dark gray to black colour. Locally F1 drag folded and cut by F2 at high angles. Scattered blebs and veinlets of pyrite and pyrrhotite. F2 = 60° @ 158, 60° @ 160, 70° @ 162, 70° @ 164, 60° @ 166, 50° @ 168, 60° @ 170, 70° @ 172, 70° @ 174 , 45° @ 176, 50° @ 178, 80° @ 180, 45° @ 182 , 45° @ 184.	30.5/ 31.3												
		Short sections of brownish-gray bleached sericite 175.5-176, 179.6-180.4, 181.5-183.6. Blocky gouge and core 185.0-187.1.													
		Gray plastic fault gouge 187.1-187.3. Major fault zone. Ground core and gouge at 45° @ 189.5.													
189.6	193.2	MASSIVE SULPHIDE ZONE (M) (MXs)													
		Breccia of angular 1-5cm pieces of massive pyrite in a groundmass of quartz, calcite, sphalerite, galena and pyrite. This breccia is positive proof that the fine-grained pyrite is earlier than the lead-zinc sulphide. Some of the breccia fragments are of silicified phyllite and these appear to be rimmed with lead-zinc mineralization.	3.6/ 3.6												
		Pyrite 30% Lead-zinc 12%	0.9	1900	189.6	190.5	0.9	5.58	1.04	81.6			5.02	6.34	73.4
193.2	194.3	QUARTZ PYRITE TYPE 50% 10%	1.0	2212	190.5	191.5	1.0	3.68	5.48	54.5			3.68	5.48	54.5
		Interbanded laminae of sericite and quartz and pyrite-sphalerite-galena sulphides. Banding @ 70°. 60% 5%	1.0	2213	191.5	192.5	1.0	8.12	1.55	114.4			8.12	1.55	114.9

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-A92 PAGE 5 of 7

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
		60% 3%	0.8	2214	192.5	193.3	0.8	6.78	5.28	10.9			5.42	4.22	12.7
		10% 3%	1.0	2215	193.3	194.3	1.0	~~.24~~ .10	.70	9.9					
194.3	216.3	SERICITE - QUARTZ - TALC PHYLLITE (S)													
		Dark gray colour. Microlithons with F1 subvertical to F2. Numerous hairline veinlets of yellow-brown carbonate.	21.0/ 21.9		187.6	193.3	3.7	6.01	6.38	85.3			22.246	23.590	9.202
		F2 = 80° @ 195, 70° @ 197, 65° @ 198, 70° @ 200, 50° @ 202, 80° @ 204, 85° @ 206, 90° @ 208, 75° @ 210, 45° @ 212, 45° @ 214, 70° @ 216.													
		Several 2-10cm quartz veins occur. Bleaching and minor gouge (2-5cm) 202.8-203.2 , 211.5-212.8.													
216.3	220.4	FAULT ZONE													
		Gray to black fault gouge.	1.5/ 4.2												
220.4	235.9	BUFF BLEACHED QUARTZ - SERICITE PHYLLITE (Sb)													
		Soft and crumbly. 220.9-221.3 -- white quartz vein which has been crushed and fractures filled with carbonate. Fault gouge -- 230.7-232.3, 232.8-233.5 F2 = 45 @ 228, 60 @ 230, 20 @ 235.	5.5/ 15.5												

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-A92 PAGE 6 of 7

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
235.8	246.6	SERICITE - QUARTZ PHYLLITE (S-Sb)													
		Gray colour. Slightly bleached.	8.0/												
		235.9-238.4 -- darker gray colour.	10.7												
		240.2-241.0 -- gouge													
		F2 = 40° @ 236, 45° @ 238, 45° @ 240, 60° @ 242, 45° @ 244, 45° @ 246.													
246.6	251.0	SERICITE - QUARTZ - BIOTITE PHYLLITE													
		Similar to previous but with streaks of very fine-grained brown biotite.	3.0/												
		F2 = 45° @ 248.	4.4												
251.0	260.8	SERICITE - QUARTZ - PHYLLITE													
		252-256 -- blocky, ground core	8.5/												
		Locally high in talc	9.8												
		F2 = 50° @ 251, 45° @ 252 , 45° @ 254, 50° @ 256, 40° @ 258, 60° @ 260.													
		Chlorite phyllite 259.2-259.5													
260.8	288.6	SERICITE - TALC - PHYLLITE (S)													
		Dark gray to black colour	16.0/												
		265.1-266.5 -- gouge	27.8												
		278.0-278.2 -- gouge													
		282.2-282.9 -- bleached talc zone													

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-A92 PAGE 7 of 7

CLAIM No.

N

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
		283.8-284.7 -- bleached talc zone
		284.7-285.0 -- fault gouge
		F2 = 80° @ 262, 60° @ 264, 70° @ 266, 65° @ 268, 55° @ 270, 50° @ 272, 60° @ 274, 60° @ 276, 55° @ 278, 85° @ 281, 85° @ 282, 70° @ 284, 70° @ 286, 70° @ 288.
		Slightly graphitic 267-270, 281-282, 283-284.
	288.6	END OF HOLE
		REMARKS: 1. Slow drilling due to broken blocky ground.
		2. Surveyed and cemented.

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

DDH: FAGA092 -- 42 DEGREE PROFILE

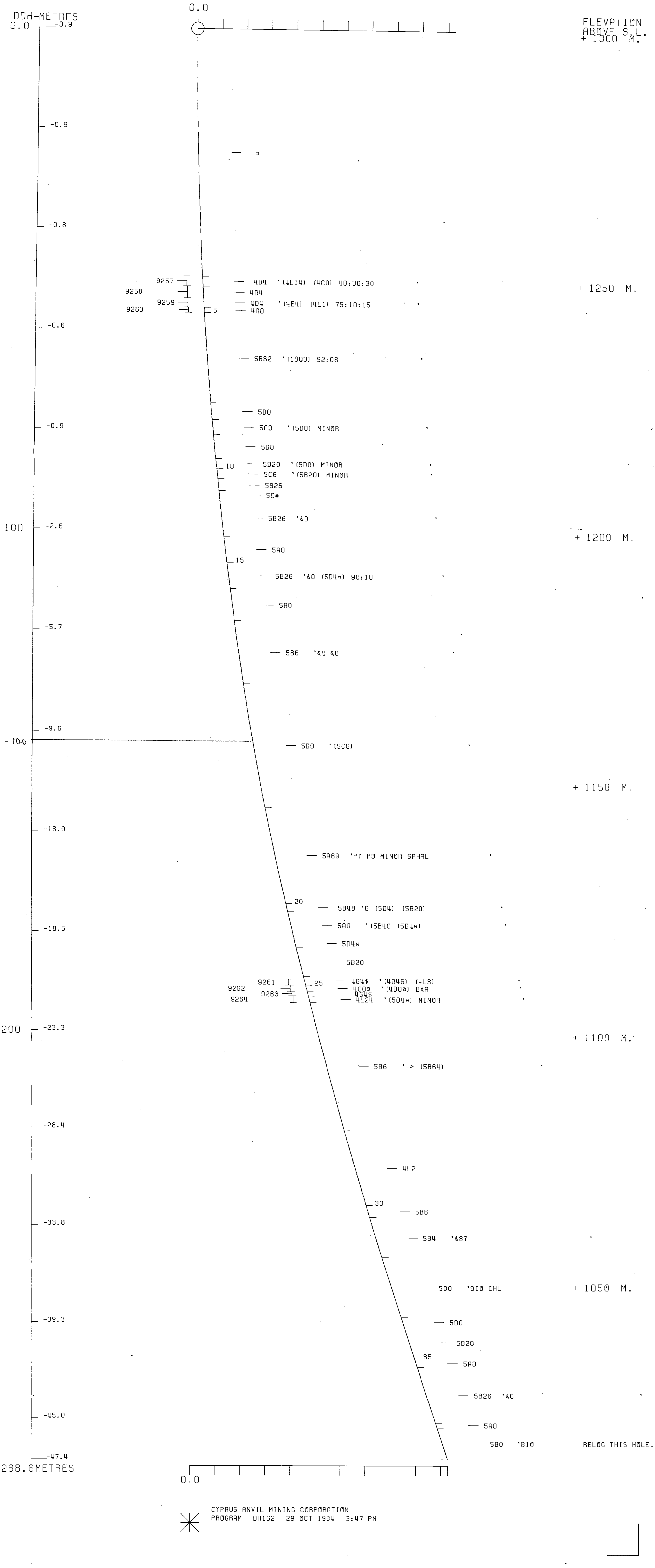
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1301 592424E ; 905126N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 678.5 Z = 1300.7

SECTION NAME: 74W



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 29 OCT 1984 3:47 PM

DDH: FAGA092 -- 42 DEGREE PROFILE

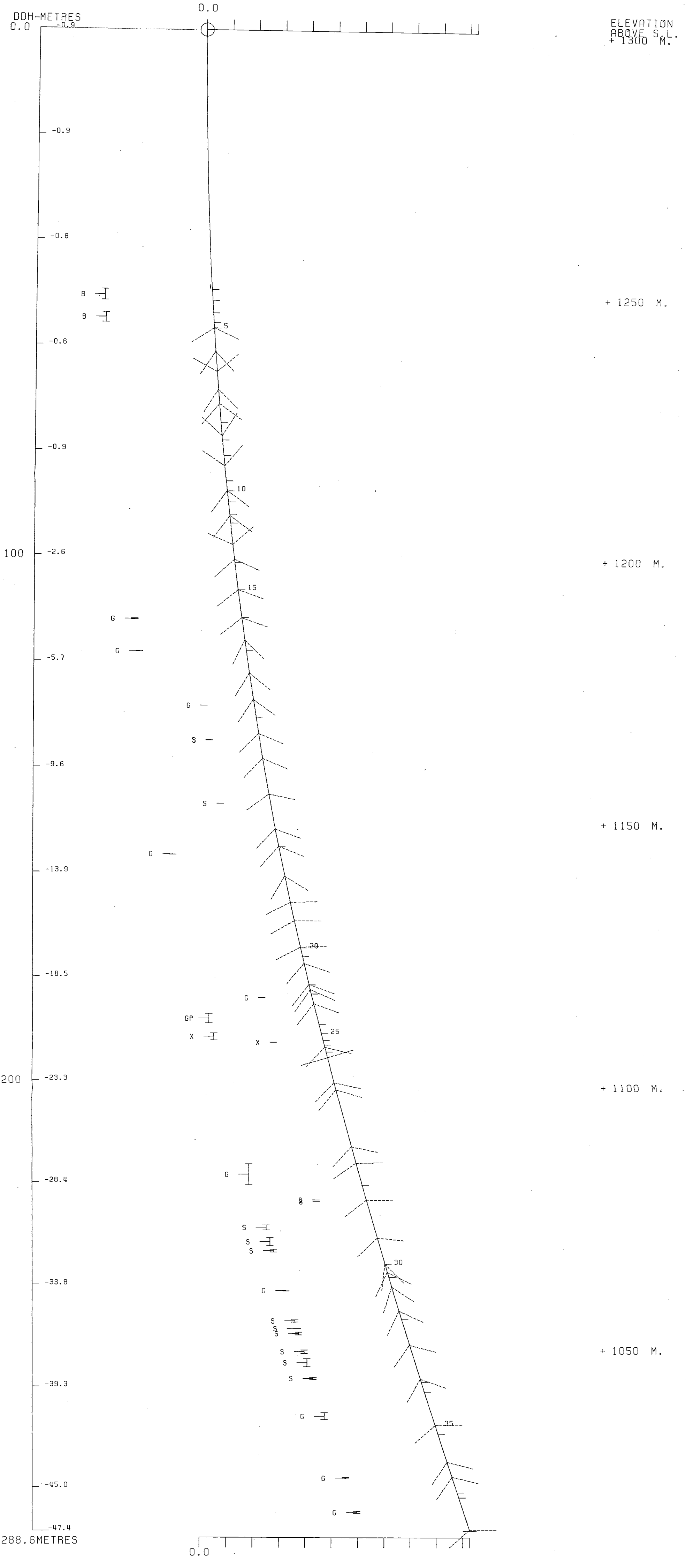
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1301 592424E ; 905126N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 678.5 Z = 1300.7

SECTION NAME: 74W



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 29 OCT 1984 3:45 PM

76 A141

DRILL HOLE : FAGA141

NORTHING : 905,103.4

EASTING : 592,402.7

ELEVATION : 1,301.7

TOTAL DEPTH : 93.2

SECTION : W 74

R.F.E. : S2

RFE DIRECTION: 230

PLUNGE ANGLE : 11

PLUNGE DIRECT: 312

DHD CALC: 1

SS CALC: 1

DETAIL RECORD COUNTS:

NOS ORE-SAMPLES: 30

NOS DOWN-H-SURVEYS: 2

NOS DOWN-H-LITHOLOGY: 38

NOS DOWN-H-STRUCTURE: 19

NOS DOWN-H-FAULTS: 1

NOS DOWN-H-SPLINES: 2

NOS COMPOSITES: 0

DDH: FAGA141 UTM-N: 905,103.4 UTM-E: 592,402.7 UTM-ELEV: 1,301.7 TOTAL DEPTH: 93.2 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTHS FROM	DEPTHS TO	SAMPLE NO.	INT.	REC.	ROCK UNIT	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.
43.3	45.3	09266	2.0	.5	4AO	2.77	.03	1.03	.55	23.00		.27		1	1						
45.3	47.3	09267	2.0	1.8	4A4	3.01	.06	1.64	3.60	31.00		.69		8	8						
47.3	49.3	09268	2.0	1.7	4AO	2.84	.04	1.33	3.20	25.00		.48		2	3						
49.3	51.3	09269	2.0	2.0	4AO	3.01	.06	1.38	3.20	29.00		.55		9	10						
51.3	53.3	09270	2.0	2.0	4AO	3.02	.05	1.35	3.20	29.00	26.00	.62		5	5						
53.3	55.5	09271	2.2	2.2	4AO	2.93	.04	1.42	3.10	27.00		.48		5	5						
55.8	57.1	09272	1.3	1.3	4B4	3.01	.02	1.38	5.00	30.00		.34	3	5	9						
57.1	57.6	09273	.5	.4	4E4	4.05	.35	5.60	12.60	154.00		2.54	2	20	22						
58.6	60.8	09274	2.2	2.2	4CO	3.33	.04	1.00	3.00	27.00		.21	6	7	14						
65.6	66.6	09275	1.0	1.0	4L24	3.17	.02	.55	.84	17.00		.27	4	8	12						
68.5	69.7	09276	1.2	1.2	4E4	4.40	.18	12.30	18.70	166.00		2.26	1	21	22						
69.7	70.4	09277	.7	.7	4A14	3.34	.06	5.80	9.10	88.00		1.10	2	11	13						
70.4	71.0	09278	.6	.6	4DO	3.12	.06	3.50	5.10	53.00		.82	2	8	11						
71.0	73.0	09279	2.0	2.0	4A4	2.92	.03	1.85	4.50	42.00		.55	1	3	4						
73.0	75.0	09280	2.0	2.0	4A4	3.07	.02	1.83	4.60	40.00	39.00	.69	1	3	5						
75.0	76.7	09281	1.7	1.7	4AO	2.93	.02	1.25	1.62	20.00		.48	2	3	5						
77.0	77.6	09295	.6	.6	4CO	3.45	.04	.59	3.10	18.00		.75	3	17	20						
77.6	79.6	09282	2.0	1.9	4A4	3.39	.05	4.70	8.30	66.00		1.10	1	12	14						
79.6	80.2	09283	.6	.6	4E4	3.90	.04	10.40	17.10	170.00		2.33	2	22	24						
80.5	81.4	09284	.9	.9	4E4	4.38	.05	8.40	14.80	146.00		1.65	2	23	25						
81.4	81.8	09285	.4	.4	4A4	3.68	.08	6.40	9.90	97.00		1.30	1	17	19						
82.4	83.4	09286	1.0	1.0	4A4	3.56	.04	5.30	9.40	90.00		1.10	1	15	17						
83.5	84.2	09287	.7	.7	4A4	3.34	.05	3.40	4.80	59.00		1.37	1	13	15						
84.4	84.8	09288	.4	.4	4A4	3.43	.06	3.50	3.00	61.00		1.44	1	15	17						
84.8	85.7	09289	.9	.9	4E4	4.83	.07	9.60	13.80	178.00	194.00	.48	1	24	26						
85.7	86.9	09290	1.2	.5	4A4	3.44	.03	5.40	8.50	100.00		1.65	1	11	12						
86.9	87.3	09291	.4	.4	4E4	4.63	.05	8.00	10.80	161.00		1.44	2	27	29						
87.3	88.3	09292	1.0	1.0	4A4	3.64	.15	6.30	8.80	100.00		1.03	2	12	14						
88.5	88.9	09293	.4	.4	4D4	3.60	.11	5.10	8.10	87.00		1.23	4	12	16						
89.1	89.8	09294	.7	.7	4A4	3.42	.04	3.40	7.40	58.00		1.03	2	12	14						
WEIGHTED AVERAGE																					
43.3	55.5		12.2	10.2		2.93	.04	1.35	2.81	27.32	4.26	.51		5	6						
55.8	57.6		1.8	1.7		3.29	.11	2.55	7.11	64.44		.95	3	9	12						
58.6	60.8		2.2	2.2		3.33	.04	1.00	3.00	27.00		.21	6	7	14						
65.6	66.6		1.0	1.0		3.17	.02	.55	.84	17.00		.27	4	8	12						
68.5	76.7		8.2	8.2		3.22	.05	3.70	6.44	59.82	9.51	.88	1	7	8						
77.0	80.2		3.2	3.1		3.49	.04	4.99	8.97	76.50		1.26	2	15	17						
80.5	81.8		1.3	1.3		4.16	.05	7.78	13.29	130.92		1.54	2	21	23						

DDH: FAGA141 UTM-N: 905,103.4 UTM-E: 592,402.7 UTM-ELEV: 1,301.7 TOTAL DEPTH: 93.2 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

----DEPTHS--- FROM	TO	SAMPLE NO.	INT.	REC.	ROCK UNIT	ASSAYS S.G. PULP	CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
82.4	83.4		1.0	1.0		3.56	.04	5.30	9.40	90.00		1.10	1	15	17						
83.5	84.2		.7	.7		3.34	.05	3.40	4.80	59.00		1.37	1	13	15						
84.4	88.3		3.9	3.2		3.93	.07	6.67	9.47	120.25	44.76	1.17	1	16	18						
88.5	88.9		.4	.4		3.60	.11	5.10	8.10	87.00		1.23	4	12	16						
89.1	89.8		.7	.7		3.42	.04	3.40	7.40	58.00		1.03	2	12	14						

DDH: FAGA141 UTM-N: 905,103.4 UTM-E: 592,402.7 UTM-ELEV: 1,301.7 TOTAL DEPTH: 93.2 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	177.300	46.300

DDH: FAGA141 UTM-N: 905,103.4 UTM-E: 592,402.7 UTM-ELEV: 1,301.7 TOTAL DEPTH: 93.2 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
43.3	0001	#		0.5-	1
55.5	0002	4A0		0.5-	1
55.8	0003	5C4*	-> 5D4*	0.5-	1
57.1	0004	4B4	(5D4) (4AC) BOTH MINOR	0.5-	1
57.6	0005	4E4	POROUS [4G4]	0.5-	1
58.6	0006	5D4*		0.5-	1
60.8	0007	4CC		0.5-	1
65.6	0008	5A1		0.5-	1
66.1	0009	4L24	-> 5D46 AT E.O.I.	0.5-	1
68.5	0010	5C4*		0.5-	1
69.7	0011	4E4	POROUS	0.5-	1
70.4	0012	4A14		0.5-	1
71.0	0013	4DC		0.5-	1
76.7	0014	4A0	-> 4A0 PHYLLITIC	0.5-	1
77.0	0015	4L0	[5D4*]	0.5-	1
77.6	0016	4C0	(5D4*) MINOR	0.5-	1
79.6	0017	4A0	-> 4A14 DOWN	0.5-	1
80.2	0018	4E4	-> 4J	0.5-	1
80.5	0019	4L0	[5D4*]	0.5-	1
81.4	0020	4E4	&9 [-> 4J]	0.5-	1
81.8	0021	4A4		0.5-	1
82.4	0022	5D4*	[4L0]	0.5-	1
83.4	0023	4A4		0.5-	1
83.5	0024	5D4*	[4L0]	0.5-	1
84.2	0025	4A0		0.5-	1
84.4	0026	5D4*	[4L0]	0.5-	1
84.8	0027	4A0		0.5-	1
85.7	0028	4E4		0.5-	1
86.6	0029	4A4	(4E45)	0.5-	1
87.3	0030	4E4		0.5-	1
88.3	0031	4A4	(4E4)	0.5-	1
88.5	0032	5D4*	[4L0]	0.5-	1
88.9	0033	4DC		0.5-	1
89.1	0034	5D4*	[4L0]	0.5-	1
89.8	0035	4A4	(5D4* [4L0]) MINOR	0.5-	1
92.2	0036	5A0		0.5-	1
93.0	0037	4L0		0.5-	1
93.3	0038	5A0		0.5-	1

DDH: FAGA141 UTM-N: 905,103.4 UTM-E: 592,402.7 UTM-ELEV: 1,301.7 TOTAL DEPTH: 93.2 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	S0 DIRECT	S1 ANGLE	S1 DIRECT	S2 ANGLE	S2 DIRECT	RFE CDE	DHDC	SDC	PROCESS
FAGA141	0.0	46.3	CS2		0	0	0	0	68	230	C	1	1	1
FAGA141	43.3	49.4	CS2	S	0	0	0	0	0	0	C	1	1	1
FAGA141	0.0	50.7	CS2		0	0	0	0	72	230	C	1	1	1
FAGA141	0.0	55.4	CS2		0	0	0	0	75	230	C	1	1	1
FAGA141	49.4	55.5	CS2	Z	0	0	0	0	0	0	C	1	1	1
FAGA141	0.0	59.1	PS2		0	0	0	0	78	230	C	1	1	1
FAGA141	55.5	59.2	PS2	P	0	0	0	0	0	0	C	1	1	1
FAGA141	59.2	61.8	CS2	Z	0	0	0	0	0	0	C	1	1	1
FAGA141	0.0	65.7	CS2		0	0	0	0	73	230	C	1	1	1
FAGA141	61.8	65.8	CS2	D	0	0	0	0	0	0	C	1	1	1
FAGA141	0.0	71.5	PS2		0	0	0	0	60	230	C	1	1	1
FAGA141	65.8	71.6	PS2	P	0	0	0	0	0	0	C	1	1	1
FAGA141	0.0	74.7	CS2		0	0	0	0	55	230	C	1	1	1
FAGA141	71.6	77.7	CS2	D	0	0	0	0	0	0	C	1	1	1
FAGA141	0.0	79.6	PS2		0	0	0	0	38	230	C	1	1	1
FAGA141	0.0	84.9	PS2		0	0	0	0	49	230	C	1	1	1
FAGA141	77.7	86.3	PS2	P	0	0	0	0	0	0	C	1	1	1
FAGA141	0.0	90.2	CS2		0	0	0	0	65	230	C	1	1	1
FAGA141	86.3	93.3	CS2	M	0	0	0	0	0	0	C	1	1	1

DDH: FAGA141 UTM-N: 905,103.4 UTM-E: 592,402.7 UTM-ELEV: 1,301.7 TOTAL DEPTH: 93.2 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT REC CD	PARLL	UPPER PLANE		INTERNAL PLANE		LOWER PLANE		DHD
FAGA141	58.6	60.8	2X		0	0	0	0	0	0	1

DDH: FAGA141 UTM-N: 905,103.4 UTM-E: 592,402.7 UTM-ELEV: 1,301.7 TOTAL DEPTH: 93.2 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGA141	1	2
FAGA141	2	1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 76-A141

Project: GRUM RE-LOG

Location: VANGORDA PLAT

Claim: _____

UTM ~~Terr. Plane~~ Co-ords.: 6905103.40 N

(1979 HIW Orthophoto Survey)

592,402.67 E

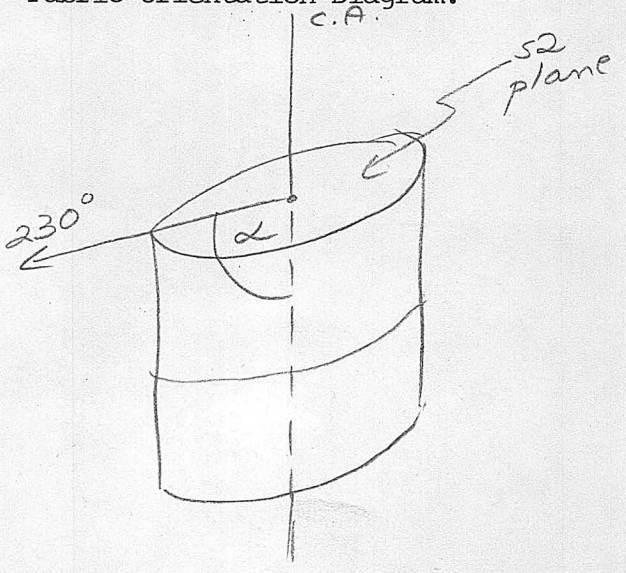
Grid Co-ords.: 74W/7N

_____

Elevation: 1301.72

Total Depth: 93.3 m

Fabric Orientation Diagram:



All symmetry determinations looking

NW with S2 dipping

SW with dip azimuth 230°.

Purpose: _____

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

Drilling Contractor: _____

Core:	Size	From	To	Collar Cased and Capped:
	BQ	0	93.3	

Started: 18/8/76 Completed: 19/8/76

Cyprus Anvil Mining Corp.
Diamond Drill Core Log

DDH 75-A141
(2–8)

Code	Drillhole	Elevation	Northing	Easting	Comments
	2–8	10–16	17–24	25–32	34–48
T	75-A141	1301.7	9051034.4	5924027.7	METRES

Code	Drillhole	Depth		Zenith Angle		True Azimuth		Comments
	2–8	10–13	14	22–25	26	28–31	32	34–56
R	75-A141	0	0	180.0	0	0.	C	ATCOLLAR
R	75-A141	61.	0	177.	3	46.	3	CALCULATED FROM
R				.		.		A90 & A92
R				.		.		
R				.		.		
R				.		.		
R				.		.		
R				.		.		
R				.		.		
R				.		.		
R				.		.		
R				.		.		
R				.		.		
R				.		.		
R				.		.		

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

DDH 76-A141/2 8

Cyprus Anvil Mining Corp.
Lithologic Log

Logged By: DJH.

Code	From	To	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
L	100	1413	1/	#	triconed
L	1433	1555	12	4A10	10%-15% tot. sdes. graphitic
L	1555	1558	13	5C4	*→5D46 w/ mariposite ankeritic
L	1558	1571	14	4B14	sph > gal > py.; 10% tot. sdes; minor 5D4 (<0.1%) and 4A0 (0.1m)
L	1571	1576	15	4E14	porous; possibly 464 w/ barite dissolved
L	1576	1586	16	5D14	→5D43 ($Fe, Mg CO_3$) chlorite blebs
L	1586	1608	17	4C10	v. hetero. int. w/ some 4L, 4A etc etc; some brxia. w/ 4L frags.
L	1608	1656	18	5A1/	grad. lower ct.
L	1656	1666	19	4L14	→5D46 w/ mariposite near E.O.I. Pb+Zn?
L	1666	1685	110	5C4 5D14 *	→5D46 mottled text. w/ some mariposite
L	1685	1697	1/1	4E14	mainly porous as unit 5
L	1697	1704	112	4A14	4g silic. 75% Pb+Zn
L	1704	1710	113	4D10	white "cherty" qtz.
L	1710	1767	114	4A10	graphitic → 4H0 phyllitic locally.
L	1767	1770	115	4L10	buff; no sdes.
L	1770	1776	116	4C10	w/ minor 4L0 w/ mariposite.
L	1776	1796	117	4A0g(4A14)	There is is a gradional increase down unit to 4A14
L	1796	1802	118	4E14	transitional cnt with unit 17. Approach 4I.
L	1802	1805	119	4L10	buff; no sdes.
L	1805	1814	210	4E14	minor cp in 2cm qtz clasts from 810 to bottom as unit 18 close to 4I
L	1814	1818	21/	4A14	graph
L	1818	1824	212	4L10	buff; no sdes; minor mariposite ankerite
L	1824	1834	213	4A14	gr. cf. unit 21
L	1834	1835	214	4L10	as unit 22
L	1835	1842	215	4A10	graph
L	1842	1844	216	4L10	as units 22 & 24
L	1844	1848	217	4A10	graph.
L	1848	1857	218	4E14	transitional lower contact.
L	1857	1869	219	4A14	(4E4)g. 0.1m 4E4 in middle of unit graphitic
L	1869	1873	310	4E14	
L	1873	1883	311	4A14	(4E4) Appears this unit follows cnt. in fold hinge.
L	1883	1885	312	4L10	as units 22, 24, 26
L	1885	1889	313	4D0	

Impression of this hole is that it cuts fold hinge.

DDH 76-AL41

Cyprus Anvil Mining Corp.
Lithologic Log

Logged By: DJH

Code	From	To	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
L	1889	1891	34	4L0	as units 22, 24, 26, 32
L	1891	1898	35	4A4	w/ minor 4L
L	1898	1922	36	5A0	
L	1922	1930	37	4L0	
L	1930	1933	38	5A0	
		EOH			

DDH 76-A141 (2 / 8)

Cyprus Anvil Mining Corp.
Structural Log

Logged By: DJH

Code	From	To	Feature	Sym	S_1 Dip Direct.	S_2 Dip Direct.	Description
1	10 14	16 20	22 24	26	28 32	34 38	
							O/B 0 – 43.3m.
S		1463	CIS12			6182310	S region 43.3 – 49.4
S		1494	IF2	E			Z region 49.4 – 55.5
S		1507	CIS12			7122310	
S		1555	IF2	Z		7152310	R region 55.5 – 59.2
S		1592	IF2	R		7182310	Z' region 59.2 – 61.8
S		1618	IF2	Z			D.D. region 61.8 – 65.8
S		1658	IF2	D		7132310	R region 65.8 – 71.6
S		1716	IF2	R		6102310	D.D. region 71.6 – 77.7
S		1747	CIS12			5152310	
S		1777	IF2	D			R. region 77.7 – 86.3m.
S		1796	AS12			382310	
S		1849	PIS12			4922310	
S		1863	IF2	R			M region 86.3 – 93.3
S		1902	CIS12			6152310	
S		1933	IF2	M			
		E014					

sect 74W

aug.

DDH 76-A141 (2 … 8) Cyprus Anvil Mining Corp

Logged by RT

ASSAY LOG (SAMPLER'S COPY) Date Aug 15/81 Sampled by

[contacts]

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION	
1	10 … 14	16 … 20	22 … 26	28 … 30	32 … 34	36 … 40	42	
P	43	45	9266	20	05	4A0		
P	45	47	9267	20	18	4A0		
P	47	49	9268	20	17	4A0		
P	49	51	9269	20	20	4A0		
P	51	53	9270	20	20	4A0		
P	53	55	9271	22	22	4A0		2
P	55	57	9272	13	13	4B4		4
P	57	576	9273	05	04	4E4		5
P	586	608	9274	22	22	4C0		7
P	656	666	9275	10	10	4L24	(5D46)	9
P	685	697	9276	12	12	4E4		11
P	697	704	9277	07	07	4A1H		12
P	704	710	9278	06	06	4D0		13
P	710	730	9279	20	20	4A0		14
P	730	750	9280	20	20	4A0		
P	750	767	9281	17	17	4A0		
P	770	776	9295	06	06	4C0	(4L0)	16
P	776	796	9282	20	19	4A0	(4A14)	17
P	796	802	9283	06	06	4E4		18
P	805	814	9284	09	09	4E4		20
P	814	818	9285	04	04	4A4		21
P	824	834	9286	10	10	4A4		23
P	835	842	9287	07	07	4A0		25
P	844	848	9288	04	04	4A0		27
P	848	857	9289	09	09	4E4		28
P	857	869	9290	05	05	4A4	(4E4)	29
P	869	873	9291	07	04	4E4		30
P	873	883	9292	10	10	4A4	(4E4)	31

DDH 76-A-141 (2 8) Cyprus Anvil Mining Corp

Page 7 of 7

Logged by R&T

ASSAY LOG (SAMPLER'S COPY) Date Aug. 15/81 Sampled by

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
-	10 14	16 20	22 26	28 30	32 34	36 40	42
P	8855	8899	929304	04	04	4D01	33
P	8997	8998	929404	07	07	4A41	(4L) 34 35

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

DDH 76-A141 (2 / 8)

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

Re-Logged By: DJH

Sampled By: K.A.

Code	From	To	Sample No.	Description	LENGTH	REC
	10 14	16 20	22 27			
P	413	448	A3411	KA	1.5	0.3
P	448	463	A3412	"	1.5	0.6
P	463	483	A3413	"	2.0	1.6
P	483	509	A3414	"	2.6	2.5
P	509	523	A3415	"	1.4	1.4
P	523 / 538	557 / 571	4346 / A3417	"	3.3 / 1.3	3.2 / 1.3
P	517	576	4348	"	0.5	0.4
P	594	608	4349	"	1.4	1.15
P	686	697	A3510	"	1.1	1.05
P	697	720	A3511	"	2.3	2.1
P	720	747	4351 2	"	2.7	2.7
P	747	768	A3513	"	2.1	2.1
P	768	778	A3514	"	1.0	1.0
P	778	782	A3515	"	0.4	0.4
P	782	796	A3516	"	1.4	1.0
P	796	816	A3517	"	2.0	2.0
P	823	847	A3518	"	2.4	2.4
P	847	872	A3519	"	2.5	2.4
P	872	883	A3610	"	1.1	1.1
P	885	899	A3611	"	1.4	1.4

DDH FAGA.141 (2 — 8)

Cyprus Anvil Mining Corp.

Structural Log

Page _____ of _____

Date: _____ Logged By: _____

m

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	
	586	608	2X					

DIAMOND DRILL RECORD

LOGGED BY FRED CHOW D.D.H. Nº 76-A141 PAGE 1

PROPERTY GRUM JOINT VENTURE, Y.T. CLAIM Nº

	CO-ORDS	GRID		
LATITUDE	10,894.04	7N+28.5m NE	STARTED	AUGUST 18/76 d.s.
DEPARTURE	7,712.47	74W (-1mSE)	COMPLETED	AUGUST 19/76 n.s.
ELEVATION	1312.415	SURFACE	PROPOSED DEPTH	88-107m
			ULTIMATE DEPTH	93.3m

HOLE SURVEY:

DEPTH	BEARING	DIP
COLLAR		90°
200'	045°	-87.5°
300'	073°	-82.5°

N

DIRECTION AND DISTANCE FROM N.E. CLAIM POST

Interval From	Interval To	DESCRIPTION			Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
0	43.3	OVERBURDEN Cored a few granitic and greenstone pebbles			0/43.3		0	43.3									
		from 42.7-43.3(?)															
43.3	55.5	QUARTZ-SULPHIDES-GRAPHITE (PgBF)															
		Siliceous (75% qtz), hard, banded, well-formed F_1 folds															
		throughout. F_1, also F_2 mineralization. Beaded sulphides in															
		quartzose bands (F_1), also more solid sulphides following F_2															
		foliation.	Py	PZ													
			2	1	0.3	U-4341	43.3	48.8	1.5	1.25	0.04	23.31					
		Sulphs range from 2-12% py, 1-6% PbZn	4	3	0.6	2		46.3	1.5	2.23	2.40	32.23			3.35	3.60	48.35
		CA: F_2 65° @ 46m-48.2m, 70° to 49.5m, 80° to	6	4	1.6	3		48.3	2.0	1.58	3.13	26.40			3.16	6.26	52.80
		50.3m, 65° to 52.5m, 75° to 53.5m, 70° @ 54m,	10	5	2.5	4		50.9	2.6	1.48	3.70	26.40			3.85	9.62	68.64
		60° @ 55.2-55.4m	10	3.5	1.4	5		52.3	1.4	1.50	3.25	28.11			2.10	4.55	39.35
			8	6	3.2	6		55.5	2.1 3.2	1.38	3.00	22.29			2.90 4.42	6.30 9.6	46.81 71.33
									1.1						1.52	3.30	24.52
55.5	55.8	QUARTZ-SERICITE-CHLORITE-MARIPOSITE (Pg)															
		Buff w/green foliations of chl+maripo. CA: 65°	0.5	NIL	0.3/0.3		55.5	55.8		Nil Pz est.							

LOGGED BY _____ D.D.H. NO 76-A141 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
				W.Av.	44.8	55.5	10.7	1.58	3.14	26.21			16.88	33.63	280.47
		Py Pz													
55.8	57.1	QUARTZ-SULPHIDES-SERICITE (PsB)													
		Siliceous (70% qtz), 1 py, 5 PbZn. Sericite, 1 5	1.3	U 4347	55.8	57.1	1.3	1.63	4.63	29.14			2.12	6.02	37.88
		white, fine flakes with qtz. CA: 70-65° F_1?													
57.1	57.6	MASSIVE SULPHIDES													
		Porous sulphides. 70 py, 14 Pz. Muddy shear contacts.	0.4	4348	57.1	57.6	0.5	5.38	11.25	95.66			2.69	5.63	47.83
				Wt. Av.	54.4	57.6	3.2	1.98	4.67	34.45			6.33	14.95	110.23
57.6	58.6	QUARTZ-SERICITE-CHLORITE PHYLLITE (Sbc)			44.8	54.4	9.6	1.60	3.16	26.66			15.36	30.33	255.95
		Massive, 55% qtz, 25 chl. Lower contact @ 70° // to F_2 (?)	0.8/1.0		57.6	58.6									
58.6	60.8	QUARTZ-SULPHIDE ± S ± G. $(Psg)X_2$													
		Quartzy w/irregular streaks and bands of sulphs, also bands	0.8/0.8		58.6	59.4		0.1 PZ est.							
		of Qtz-Ser-Graph-20% shattered qtz fragments, 10% qtz breccia	1.15	u 4349		60.8	1.4	0.88	3.25	15.09					
		58.6-59.4m : 5% py, 0.1 PZ													
		-60.8m : 20 py, 2 Pz													
60.8	65.4	QUARTZ-SER-GRAPH PHYLLITE W?MINOR SULPHIDES. (Sg)													
		50-60% qtz, 1-30 graph, 2 py, 0.1 pz. Sulphs in F_1 qtzose	4.4/4.6		60.8	65.4		0.1 PZ est.							
		folds sub-v. to F_2. Phy very fissile. The more graphitic													
		section lies @ 61.6-64m. CA: F_2=70-75°. F_2 nose @ 65m.													

LOGGED BY _____ D.D.H. NO. 76-A141 PAGE 3

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
65.4	66.6	QUARTZ-SERICITE PHYLLITE W/MINOR SULPHIDES (Sb)													
		65% quartz, 5 py, 0.4 pz. Bleach buff, siliceous and hard.	1.2/1.2		65.4	66.6		0.4 Pz est.							
		CA: F_2=75-80°. F_1 sub-vertical to F_2													
66.6	68.6	QUARTZ-SERICITE-CHLORITE PHYLLITE (Sc)													
		Massive, lenses of chl. //F_2 also following F_1.	2.0/2.0		66.6	68.6									
		68.2-68.4 : W/ 5% mariposite													
		@68.4 : shear plane @ 40° to core 68.4-68.6 : sheared Qtz-Sulphs, 20 py, 0.2 PZ, F_1 preserved.													
		CA: 55° F_2. F_1 sub-vertical to F_2.													
68.6	69.7	MASSIVE SULPHIDES													
		Porous to 69.3m, massive. 50 py, 30 PZ. CA: 75-80° banding	1.05	U-4350	68.6	69.7	1.1	11.44	17.29	171.43			12.58	19.02	188.57
		to 68.9m, 30° @ 69.2-69.6m. Upper contact irregular 70°,													
		lower contact 65° // foliation.													
69.7	79.6	QUARTZ-SULPHIDES-GRAPHITE-SERICITE (PgBF) PY PZ													
				U	69.7	71.6	1.9						6.84	11.36	101.63
		Similar to 43.3-55m 13 10	2.1	4351	69.7	72.0	2.3	3.60	5.98	53.49			8.28	13.75	123.03
		69.7-71.3m : 10 py, 6 PZ) 69.7-70.6m : 15 py, 12 PZ 3 4	2.7	2		74.7	2.7	2.00	4.10	35.31			5.40	11.07	95.34
		-72.0m : 15 py, 10 PZ -76.8m : 3 py, 4-2 PZ, banding faint 3 2	2.1	3		76.8	2.1	1.00	1.70	14.06			2.10	3.57	29.53
		-77.1m : Barren Qtz-Ser, buff (Sb) -77.6m : (Psb) bleached buff w/mariposite, 20 0.3 25 py, 0.4 PZ.	1.0	4		77.8	1.0	0.45	1.58	8.91			0.45	1.58	8.91
		-79.6m : banding distinct (F_2), Pz increasing 12 6.5	0.4	5		78.2	0.4	3.00	5.00	40.46			1.20	2.00	16.18
		CA: 60° (F_1?) @ 69.8-70.9m (// F_2)? F_2 @ 65° @ 71m, 55° from 71-78.6m, F_1 60-90° to F_2 25 13	1.0	4356		79.6	1.4	6.14	11.71	90.86			8.60	16.39	127.20

LOGGED BY _____ D.D.H. NO 76-A141 PAGE 4

Interval From	Interval To	DESCRIPTION	PY	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
79.6	79.9	(2) QTZ-SULPH-GRAPH (PgB) and MASSIVE SULPHIDES (MB)															
		Hole drilled through section of close F_1 folds,	50	15	2.0	U 4357	79.6	81.6	2.0	8.50	15.53	141.26			1 0	31.06	282.52
		thereby core show repetition of similar mineral-	.1	.1	0.7/0.7			82.3		0.1 Pz est							
		ized bands.															
		79.6-80.2M : Massive sulphs (MB), 55 py, 30 Pz. F_1=55°	15	2	2.4	8		84.7	2.4	3.75	5.63	60.34			9.00	13.51	144.82
		-80.5m : Mass. Qtz-Ser, barren. (Sb)															
		-81.4m : Mass. Sulphs (MB) 65py,22PZ. F_1 45-60°35°	40	12	2.4	4359		87.2	2.5	8.40	12.06	155.32			21.00	30.15	388.30
		-81.6m : Quartz-Sulphide-Graph (PgB) 20py, 6.5 PZ F_1=50°	25	8	1.1	4360		88.3	1.1	5.60	7.72	90.86			6.16	8.49	99.95
		-82.3m : Qtz-Ser (Sb), buff, negli sulphs,sericitic															
		-83.4m : Qtz-Sulph-Graph (SgB); 30py,14PZ.F_1 60°	NIL	NIL	0.2/0.2			88.5		NIL PZ,est							
		-83.5m : (Sb) as 81.6-82.3m, 2 py, 4 PZ. F_1=60°				U-											
		-84.2m : Qtz-Sulphs-Graph, as 82.3-83.4m. 35py,3PZ	15	5:5	1.4	4361		89.9	1.4	3.45	6.62	58.63			4.83	9.27	82.08
		-84.4m : (Sb) as 81.6-82.3m. 1 py, 0.2 Pz															
		-84.8m : (SgB) as 83.5-84.2m : 20 py, 1 Pz. F_1=60°															
		-85.7m : Mass. sulphs (MB) 65py, 18 Pz, F_1=40°															
		-86.8m : (SgB) w/(MB) @ 86.1-86.2m, 15 py, 8 Pz, F_1=45°				W.Av.	68.6	72.0	3.4	6.14	9.64	91.65			20.86	32.77	311.60
		-87.2m : Mass. sulph (MB) 75py, 13 PZ, F_1=40°															
		-88.3m : (SgB) 25py, 8PZ. F_1 nose, @ 87.9m					74.7	77.8	3.1	0.82	1.66	12.40			2.55	5.15	38.44
		-88.5m : (Sb) w/mariposite, sericitic,barren 60°					77.8	81.6	3.8	7.05	13.01	112.08			27.80	49.45	425.90
		-88.9m : (SgB) 20py, 8PZ. 60°															
		-89.1m : (Sb)					82.3	89.9	7.6	5.39	8.08	94.10			40.99	61.42	715.15
		-89.2m : (SgB) 20py, 4 PZ, 30°															
		-89.3m : (Sb)					84.7	88.3	3.6	7.54	10.73	153.63			27.16	38.64	488.25
		-89.9m : (SgB) Double F_1 nose. 20py, 7 PZ. F_3=65°					77.8	89.9	12.1	5.69	9.16	94.3			68.79	110.87	1141.05
							68.6	89.9	21.3	4.58	7.51	74.5			97.60	159.86	1586.43
89.9	93.3	QUARTZ-GRAPH-SERICITE PHYLLITE (Gs)															
		55% qtz, 10-100% ser, qtz veinlets. Very fissile. Undergone															
		mod. shear stress. 92.3-93.2m = Sb															
	93.3	END OF HOLE: Remarks: Cemented, 4 bags used, poured down casing.															

DDH: FAGA141 -- 42 DEGREE PROFILE.

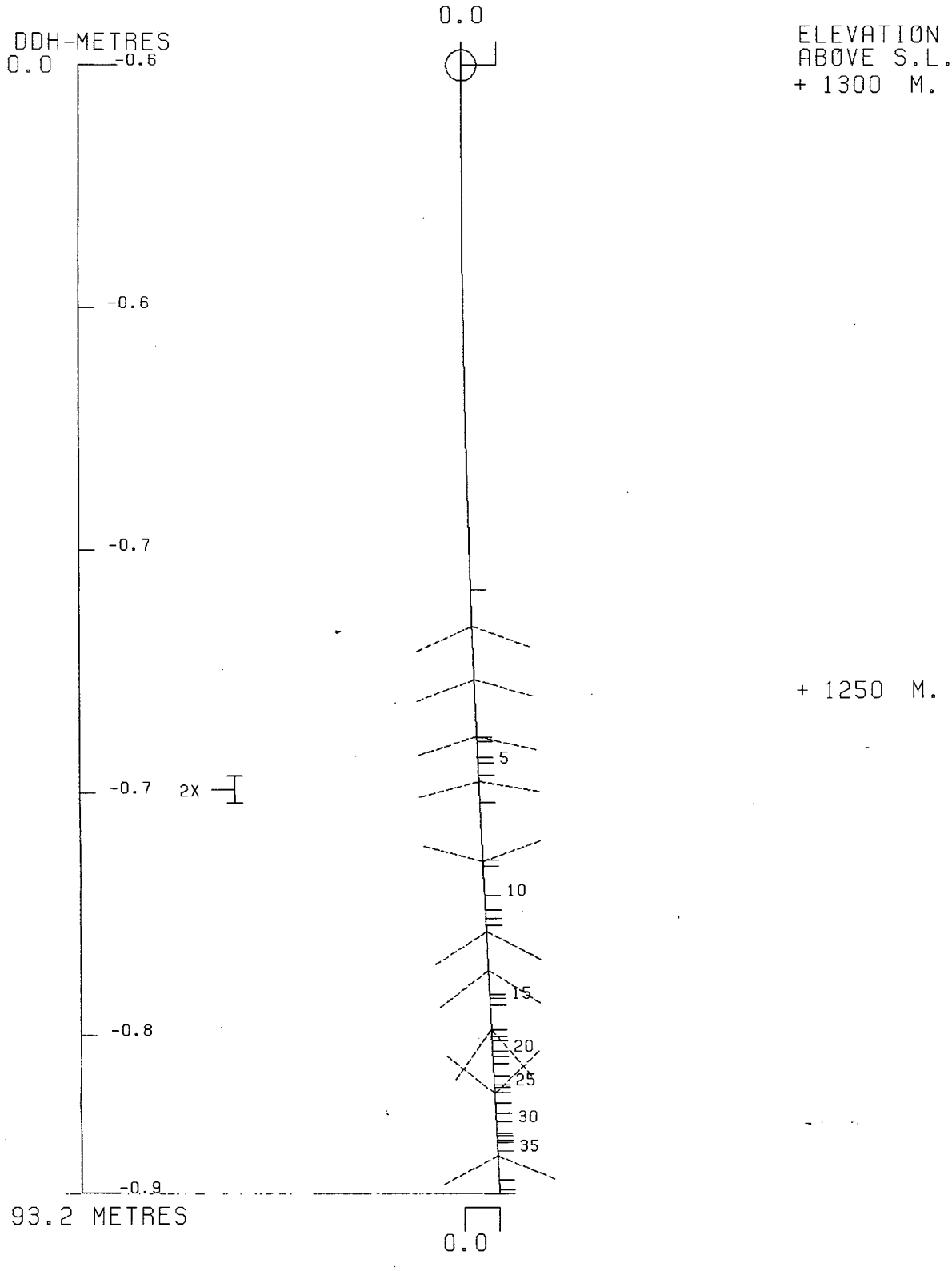
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1302 592403E ; 905103N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 647.1 Z = 1301.6

SECTION NAME: 74W



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 29 OCT 1984 3:51 PM

DDH: FAGA141 -- 42 DEGREE PROFILE

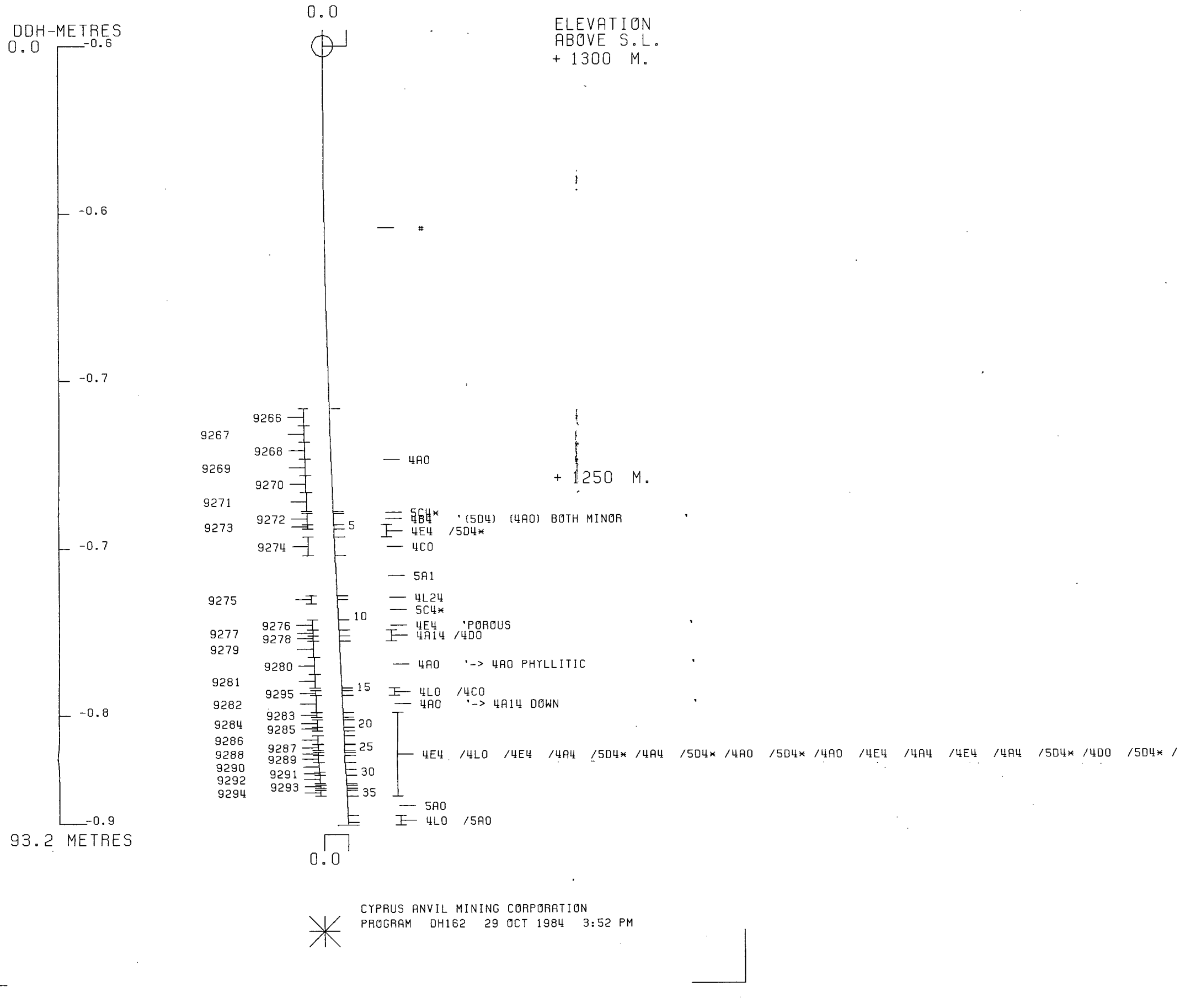
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1302 592403E ; 905103N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 647.1 Z = 1301.6

SECTION NAME: 74W



CYPRUS ANVIL MINING CORPORATION

PROGRAM DH162 29 OCT 1984 3:52 PM

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 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.
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: 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

----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.
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: 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.
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 DHD 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 DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
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) (4CO) 70:15:15	0.5-	1
60.5	0005	5AO	&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	4AO	(4CO) TRACE	0.5-	1
75.4	0009	5D4*		0.5-	1
76.1	0010	4DC		0.5-	1
77.0	0011	4CO	-> [4BO]	0.5-	1
77.5	0012	4DC	-> [4B4]?	0.5-	1
77.8	0013	4D4	&7	0.5-	1
78.3	0014	4EO	&4 (4H4)	0.5-	1
78.7	0015	5D4*		0.5-	1
79.7	0016	4EO	(4D4) (4HO) BXA	0.5-	1
80.3	0017	4AO		0.5-	1
82.2	0018	4D4	(4AO)	0.5-	1
83.1	0019	4AO	(4D4)	0.5-	1
86.3	0020	5A1	(4AO)	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	(4CO)	0.5-	1
101.5	0025	5C4@		0.5-	1
102.4	0026	4L12	-> (4CO) 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	4CO	(4L*6) 90:10	0.5-	1
108.5	0032	4A14	(4A13)	0.5-	1
110.3	0033	4LO	(4D4) (4A4) BOTH MINOR	0.5-	1
111.8	0034	4LO	(4HO) 90:10	0.5-	1
112.8	0035	4LO	(4C3) 50:50	0.5-	1
113.5	0036	4L3	(4LO) (4D4) 85:10:05	0.5-	1
114.4	0037	4L3	(4D4) 90:10	0.5-	1
115.8	0038	5C4*	(4D4) (4LO)	0.5-	1
117.4	0039	5B6	(5B4) (4LO) (4D4) MINOR 4D	0.5-	1
119.3	0040	5B6	(5B4) 80:20	0.5-	1
120.9	0041	4L14	(5BO) (4C3)	0.5-	1
122.0	0042	4LO	(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) (4LO)	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	(4HO)	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	5BO2		0.5-	1
198.4	0065	5B6	(5B62)	0.5-	1
201.0	0066	5B6	(4AO)	0.5-	1
206.9	0067	5A6	&1 &9	0.5-	1
208.4	0068	5B62		0.5-	1
210.8	0069	5B62	&9 -> 4AO PHYLLITIC	0.5-	1
213.4	0070	4AO	GRAPHITIC -> 5A19	0.5-	1
213.9	0071	4E4*	(4AO) BXA	0.5-	1
214.7	0072	4E4*	(4D4)	0.5-	1
215.0	0073	4L*	(4AO) BXA	0.5-	1
215.4	0074	4K4	(4EO) POROUS	0.5-	1
215.7	0075	4AO	(4EO) 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	(4LO) (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 (5BO &8)]	0.5-	1
247.7	0085	5C3		0.5-	1
248.6	0086	5B6	[3GO]	0.5-	1
249.8	0087	4L7	[3G4]	0.5-	1
252.4	0088	4LO	&7 (10QO)	0.5-	1
260.1	0089	5B6	[3GO]	0.5-	1
260.7	0090	10QO	&#	0.5-	1
261.0	0091	5B6	[3GO]	0.5-	1
262.4	0092	3B7	[5C3] BIOTITE	0.5-	1
267.4	0093	3GO	(10QO) BIOTITE	0.5-	1
269.3	0094	5A6	(5B6)	0.5-	1
270.0	0095	5A6	(4LO)	0.5-	1
270.7	0096	3G4	(4LO)	0.5-	1
274.5	0097	5B62	(5B6)	0.5-	1
276.4	0098	4L*3	(10QO)	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	(10QO)	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	(4EO) BXA	0.5-	1
315.3	0122	4L12	-> 4LO	0.5-	1
323.5	0123	4L2	&5 LOCALLY (FROM 5D4-IN PART)	0.5-	1
327.8	0124	4LC	(3GO &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	3GC	&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	PRCCESS
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 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
FAGA215	0.0	151.3	CS2	E	0	0	0	0	70	230	0	1	1	1
FAGA215	0.0	153.3	CS2	Z	0	0	0	0	70	230	0	1	1	1
FAGA215	0.0	154.8	CS2	Z	0	0	0	0	70	230	0	1	1	1
FAGA215	0.0	155.3	CS2	S	0	0	0	0	70	230	0	1	0	0
FAGA215	0.0	158.8	CS2	Z	0	0	0	0	60	230	0	1	1	1
FAGA215	0.0	159.7	CS2	3	0	0	0	0	75	230	0	1	1	1
FAGA215	0.0	163.6	CS2	3	0	0	0	0	70	230	0	1	1	1
FAGA215	0.0	166.5	CS2	S	0	0	0	0	80	230	0	1	1	1
FAGA215	0.0	169.2	CS2	S	0	0	0	0	75	230	0	1	1	1
FAGA215	0.0	170.6	CS2	Z	0	0	0	0	75	230	0	1	1	1
FAGA215	0.0	171.1	CS2	3	0	0	0	0	80	230	0	1	1	1
FAGA215	0.0	174.9	CS2	E	0	0	0	0	70	230	0	1	1	1
FAGA215	0.0	176.3	CS2	M	0	0	0	0	70	230	0	1	1	1
FAGA215	0.0	178.3	CS2	M	0	0	0	0	80	230	0	1	1	1
FAGA215	0.0	180.3	CS2	E	0	0	0	0	70	230	0	1	1	1
FAGA215	0.0	181.8	CS2	S	0	0	0	0	70	230	0	1	1	1
FAGA215	0.0	183.9	CS2	3	0	0	0	0	70	230	0	1	1	1
FAGA215	0.0	189.1	CS2	Z	0	0	0	0	65	230	0	1	1	1
FAGA215	0.0	194.0	CS2	Z	0	0	0	0	75	230	0	1	1	1
FAGA215	0.0	195.4	PS2	P	0	0	0	0	70	230	0	1	1	1
FAGA215	0.0	196.9	CS2	Z	0	0	0	0	70	230	0	1	1	1
FAGA215	0.0	208.0	CS2	Z	0	0	0	0	70	230	0	1	1	1
FAGA215	0.0	210.2	CS2	Z	0	0	0	0	70	230	0	1	1	1
FAGA215	0.0	212.5	CS2	Z	0	0	0	0	70	230	0	1	1	1
FAGA215	0.0	216.3	PS2	P	0	0	0	0	70	230	0	1	1	1
FAGA215	0.0	219.2	PS2	P	0	0	0	0	80	230	0	1	1	1
FAGA215	0.0	223.8	CS2		0	0	0	0	90	230	0	1	1	1
FAGA215	0.0	229.5	CS2		0	0	0	0	90	230	0	1	1	1
FAGA215	0.0	232.4	CS2	Z	0	0	0	0	70	230	0	1	1	1
FAGA215	0.0	237.7	CS2	3	0	0	0	0	75	230	0	1	1	1
FAGA215	0.0	239.0	CS2	S	0	0	0	0	80	230	0	1	1	1
FAGA215	0.0	240.5	CS2	S	0	0	0	0	70	230	0	1	1	1
FAGA215	0.0	241.5	CS2	E	0	0	0	0	80	230	0	1	1	1
FAGA215	0.0	244.8	CS2	M	0	0	0	0	70	230	0	1	1	1
FAGA215	0.0	247.6	CS2	3	0	0	0	0	80	230	0	1	1	1
FAGA215	0.0	249.6	PS2	P	0	0	0	0	75	230	0	1	1	1
FAGA215	0.0	254.8	CS2	S	0	0	0	0	65	230	0	1	1	1
FAGA215	0.0	258.7	CS2	S	0	0	0	0	75	230	0	1	1	1
FAGA215	0.0	261.9	CS2	3	0	0	0	0	65	230	0	1	1	1
FAGA215	0.0	264.5	CS2	Z	0	0	0	0	80	230	0	1	1	1
FAGA215	0.0	267.6	CS2	3	0	0	0	0	75	230	0	1	1	1
FAGA215	0.0	271.7	CS2	E	0	0	0	0	60	230	0	1	1	1
FAGA215	0.0	274.2	CS2	Z	0	0	0	0	85	230	0	1	1	1
FAGA215	0.0	280.1	CS2	M	0	0	0	0	60	230	0	1	1	1
FAGA215	0.0	281.0	CS2	E	0	0	0	0	65	230	0	1	1	1
FAGA215	0.0	284.6	CS2	M	0	0	0	0	70	230	0	1	1	1
FAGA215	0.0	291.7	PS2	P	0	0	0	0	60	230	0	1	1	1
FAGA215	0.0	294.4	PS2	P	0	0	0	0	50	230	0	1	1	1
FAGA215	0.0	298.6	PS2	P	0	0	0	0	60	230	0	1	1	1
FAGA215	0.0	302.9	PS2	P	0	0	0	0	55	230	0	1	1	1
FAGA215	0.0	307.5	PS2	P	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 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	313.4	CS2	Z	0	0	0	0	65	230	0	1	1	1
FAGA215	0.0	317.4	PS2	P	0	0	0	0	65	230	0	1	1	1
FAGA215	0.0	321.3	PS2	P	0	0	0	0	65	230	0	1	1	1
FAGA215	0.0	323.9	PS2	P	0	0	0	0	70	230	0	1	1	1
FAGA215	0.0	332.2	PS2	P	0	0	0	0	50	230	0	1	1	1
FAGA215	0.0	336.8	PS2	P	0	0	0	0	70	230	0	1	1	1
FAGA215	0.0	338.9	PS2	P	0	0	0	0	80	230	0	1	1	1
FAGA215	0.0	341.6	PS2	P	0	0	0	0	75	230	0	1	1	1
FAGA215	0.0	343.8	PS2	P	0	0	0	0	60	230	0	1	1	1
FAGA215	0.0	346.7	PS2	P	0	0	0	0	70	230	0	1	1	1
FAGA215	0.0	351.4	PS2	P	0	0	0	0	80	230	0	1	1	1
FAGA215	0.0	354.1	PS2	P	0	0	0	0	90	230	0	1	1	1
FAGA215	0.0	356.6	PS2	P	0	0	0	0	80	230	0	1	1	1
FAGA215	0.0	359.5	PS2	P	0	0	0	0	70	230	0	1	1	1
FAGA215	0.0	364.5	PS2	P	0	0	0	0	75	230	0	1	1	1
FAGA215	0.0	369.1	PS2	P	0	0	0	0	75	230	0	1	1	1
FAGA215	0.0	372.3	PS2	P	0	0	0	0	65	230	0	1	1	1
FAGA215	0.0	377.2	PS2	P	0	0	0	0	80	230	0	1	1	1
FAGA215	0.0	379.2	PS2	P	0	0	0	0	80	230	0	1	1	1
FAGA215	0.0	380.1	PS2	P	0	0	0	0	80	230	0	1	1	1
FAGA215	0.0	384.0	PS2	P	0	0	0	0	90	230	0	1	1	1
FAGA215	0.0	388.1	PS2	P	0	0	0	0	65	230	0	1	1	1
FAGA215	0.0	392.0	PS2	P	0	0	0	0	65	230	0	1	1	1
FAGA215	0.0	394.1			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 DHD 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 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	REC CD	PARLL	UPPER PLANE		INTERNAL PLANE		LOWER PLANE		DHD
FAGA215	290.1	291.6	X			0	0	0	0	0	0	1
FAGA215	313.5	314.8	XG			0	0	99	999	0	0	1
FAGA215	0.0	321.5	XG			0	0	0	0	0	0	1
FAGA215	323.5	327.8	2GX			0	0	0	0	0	0	1
FAGA215	0.0	328.0	G			0	0	0	0	0	0	1
FAGA215	328.5	329.8	MF?			0	0	0	0	0	0	1
FAGA215	0.0	340.6	S			0	0	0	0	0	0	1
FAGA215	352.2	352.6	G			0	0	0	0	0	0	1
FAGA215	0.0	359.8	S			0	0	0	0	0	0	1
FAGA215	0.0	361.4	S			0	0	0	0	0	0	1
FAGA215	0.0	361.8	S			0	0	0	0	0	0	1
FAGA215	0.0	373.6	G			0	0	0	0	0	0	1
FAGA215	386.9	387.3	G			0	0	0	0	0	0	1
FAGA215	388.6	389.5	B			0	0	0	0	0	0	1
FAGA215	391.9	392.6	BG			0	0	0	0	0	0	1
FAGA215	0.0	393.2	S			0	0	0	0	0	0	1
FAGA215	0.0	393.7	X			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 DHD 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

Page 1 of 18

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

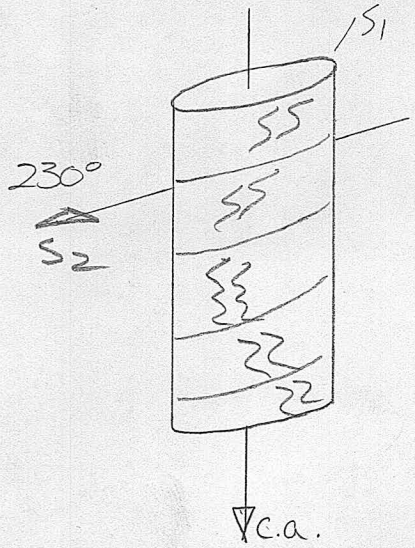
Grid Co-ords: 74W

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: PST

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: RST

Code	Drillhole	Elevation	Northing	Easting	Units (feet/metres)	R.F.E.
	2–8	10–16	17–24	25–32	34–39	41–42
T	FAGA215	1302.8	905057.3	592358.7	metres	SZ

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
	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
	2–8	10–56

DDH FAGA215 (2–8) **Cyprus Anvil Mining Corp.** Page 3 of 18

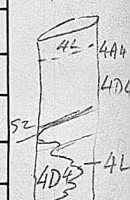
Lithologic Log Date: Sept 23/81 Logged By: RST

Code	From (10–14)	To (16–20)	Recov. (22–24)	No. (26–28)	Unit (30–34)	Description (35)
L	0.0	31.0		1	X	Overburden triconed & cased.
L	31.0	53.7		2	5B38	(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_3 filled fracs. // sub // to 20° to c.a. Lower cnt. shear 20° - // to c.a.
L	53.7	56.7		3	5B216	±3±9 Transitional unit variably non to moderately Calcareous. Highly fractured with CO_3 healing. 2% py. gn+minor sph noted in qtz veinlet (3cm) @ 56.3 chlorite above vein for 0.1m lower cnt shp.
L	56.7	57.8		4	5A16	±9 (4L84, 4CO) 4L84 @ start (0.1m) & 57.4 (0.1m) 2cm qtz vein @ 57.1 with minor gn. 4CO over last 0.2 m sericitic fractured lower cnt 10° to c.a.
L	57.8	60.5		5	5AP1	±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	60.5	61.7		6	5A1	±9 Transitional more siliceous than 5 minor pyrite
L	61.7	67.0		7	4A1Q	(5A19) Grading from unit 6 to 4AQ graphitic with minor pyrite ∴ 5A19 over last 0.3m
L	67.0	73.8		8	4A10	(4CO) Incl casing py and sph, gn from top to bottom of unit. 4CO over last 0.1m Gouge at 69.9 (0.1m), shear //Sz at 71.8.
L	73.8	75.4		9	5D4X	Buff. weakly calc. fracture sub//Sz 74.3 sub// ca through next 4 or 5 units. lower cnt bx sub// Ca.
L	75.4	76.1		10	4D0	weakly bx sub// Ca. sph gn +10% Pb+Zn
L	76.1	77.0		11	4C0	minor py close to 4B. fracture thru length sub// Ca.
L	77.0	77.5		12	4D01	sulphides predominantly sph, gn. 6% Pb+Zn high SiO_2
L	77.5	77.8		13	4D47	weakly bxtd po at start 3cm and middle of unit.
L	77.8	78.3		14	4E01	(4H4, 4E4) Bx po replacing py in bx. Bld // ca lower cnt 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
1	10–14	16–20	22–24	26–28	30–34	35
L	787	787		15	5D4*	buff altered 5D. sharp lower cnt.
L	787	797		16	4E0	(4D4, 4H0) Bx po replacing po in bx. 4D4 frags in 4E, 4H matrix.
L	797	803		17	4A0	fault shear 20° to c.a. bxtd.
L	803	822		18	4D4	(4A0)
L	822	831		19	4A0	(4D4) shear gouge zone 20° ca.
L	831	863		20	5A1	[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	863	895		21	5A1,39	[4A*] transitional unit high C & phyllite & pushes it to 5A. 2-5% py also fractured CO_3 filled sub// ca.
L	895	963		22	5B32	±9 weakly calcareous with variably py though overall <2%. Gouge over last 0.1m.
L	963	998		23	5A39	[4A*] weakly calcareous transitional unit similar to 21 0.1m gouge // sz @ 98.3.
L	998	1010		24	4A13	(4C0) increasing in py content to end of unit where 4C0 over last 0.1m.
L	1010	1015		25	5C4*	ank weakly fuchsitic 5C.
L	1015	1024		26	4L12	(4C0) 15% py. grades to 4C at end of unit
L	1024	1028		27	5C4*	chloritic calc.
L	1028	1033		28	4D0	6% py
L	1033	1037		29	5C4*	fuchsitic ank. buff colored.
L	1037	1066		30	4AA	6% Pb+Zn.
L	1066	1073		31	4C0	(4L*6) 4L*6 in 2-0.1m bands over 1st 0.4m. 15% Py
L	1073	1085		32	4A14	(4A13) increase in Pb+Zn to end of unit from 4A13 start of unit.
L	1085	1103		33	4L0	(4D4, 4A4) The 4D4, 4A4 occur in fold nose over last 0.3m of unit. Neat.
L	1103	1118		34	4L0	(4H0) 4H at start of unit only and end 0.1m.
L	1118	1128		35	4L0	(4C3) mixed unit 4L0 - 4C3 bands avg 0.2m
L	1128	1135		36	4L3	(4L0, 4D4) 15% pyrite 10% 4L0, 1 0.1m band 4D4
L	1135	1144		37	4L3	(4D4) 0.1m 4D4 in middle of unit.
L	1144	1158		38	5C4*	(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: PBT

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% Pb+Zn some bands near start of unit close to 4D4 in appearance
L	1291	1323		46	4A13	(4A14) similar to previous unit except By predominates. <5% Pb+Zn minor 4A14 bands, fractured sub// ca @ 130.3 - 131.0 minor box at 131.0 sharp lower cnt //S2
L	1323	1369		47	5B62	minor CO_3 veinlets 0.1m qtz vein @ lower cnt.
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 4AO. 142.3-142.7 CO_3 filled frac //Ca.
L	1439	1467		51	4A*	(5A139, 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 qtz veins //S2 151.6 2cm gouge //S2 narrow qtz 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 FAGA215 (2–8)

Cyprus Anvil Mining Corp.

Lithologic Log

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Date: _____ Logged By: PST

Code	From	To	Recov.	No.	Unit	Description
1	10–14	16–20	22–24	26–28	30–34	35
L	1606	1606		57	4A9	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	4D9	(4A0) 50% gouge 4Ds at start 4A0 @ end.
L	1624	1840		61	5B6	minor CO_2 veinlets Gouge@ 166.0 (<0.1m) 168.6, 184.7-185.3 shear&gouge //S_2, 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) //S_2 187.9 (0.1m) Broken from 188.1 - 192.2. poss. drill loss too.
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 //S_2?
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 veins in middle and towards end of unit
L	2108	2134		70	4A9	graphitic this unit transitional and approach 5A19. 50% gouge from 211.5 - 212.1 broken lower cont.
L	2134	2139		71	4E4*	(4A0) Bx. 4A0 frags 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*	(4A0 bx) bxted 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 bxted. 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. Page 7 of 18

Lithologic Log Date: Logged By: RBT

Code	From	To	Recov.	No.	Unit	Description
1	10–14	16–20	22–24	26–28	30–34	35
L	2203	2225		78	4GA*	(4E4 por) weakly calc fractured 20° ca. over length
				79		4E4 por overlap 0.2m of unit.
L	2225	2231		79	4A1A	wispy graphite bands
L	2231	2234		80	4L*	[5C4*]
L	2234	2304		81	5B62	(4LO, 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
						may be drillers goo. minor calc fractures
L	2428	2459		83	5B6	minor CO3 fractures weak shearing at
						243.4 (0.2m)
L	2459	2471		84	5D4*	(5B6±8) variably chloritic calcareous
						phyllite.
L	2471	2477		85	5C3	calcareous chloritic banding
L	2477	2486		86	5B6	[3GO] Pervasive Sz Moncalc phyllite
L	2486	2498		87	4L7	[3G4] weakly altered phyllite + minor po.
L	2498	2524		88	4L9	±7 (OQO) minor po on Sz 50% qtz veining
						// Sz . CO3 filled fracture 250.2 – 250.7 // ca
L	2524	2601		89	5B6	[3GO] non-calc phyllite minor CO3 in fractures
L	2601	2607		90	1OQ0	+ minor CO3
L	2607	2610		91	5B6	[3GO] cf. 89
L	2601	2624		92	3B7	[5C3] biotitic calcareous phyllite qtz veni
						0.2m at 261.5.
L	2624	2674		93	3G0	(OQO) biotite developed irregularly narrow
						qtz veins. thru out length 20% of unit.
L	2674	2693		94	5A6	(5B6) transitional unit interbanded
L	2693	2700		95	5A6	(4LO) Gouge
L	2700	2707		96	3G4	(4LO) transitional unit to 270.6 3G4 then
						4LO then last 0.1m 3G4.
L	2707	2745		97	5B62	(5B6) transitional unit interbanded, sharp lower cont
L	2745	2764		98	4L*3	(OQO) weakly calcareous, qtz veining near
						start of unit. broken interval.
L	2764	2782		99	4E*	(4E* por, 4E8) weakly calcareous with magnet.
						in places thruout. porous over 0.2m near end

276.6 to EOH unit fractured // Ca with calc filling. Sharp lower cont.

DDH FAGA215 (2 8)

Cyprus Anvil Mining Corp.

Lithologic Log

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		1,00	4L*3	Gouge. sharp lower cntct.
L	2792	2807		1,01	4L7	(4H4) 0.1m 4H4 at start of unit pass. frag in gouge. 4L7 with 3% po.
L	2807	2819		1,02	5B34	broken interval weakly calcareous lower 0.6m Gouge. weakly altered
L	2819	2838		1,03	5B62	(5B4) broken interval weakly altered in places.
L	2838	2861		1,04	5B4	(5B6) weakly altered to 5B6
L	2861	2866		1,05	4L3	(QQ0) Gouge. minor qtz veins.
L	2866	2878		1,06	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		1,07	4E4*	weakly calcareous fractured subs // c.a.
L	2886	2901		1,08	4E*	weakly calc. <10% Pb+Zn sulphide supported bx from 289.10 - 289.6 bx lower cntct fractured bxtd unit. fractured bxtd 0-20° to c.a.
L	2901	2916		1,09	4E8*	
L	2916	2926		1,10	4E8*	(4E648*) weakly calcareous, mgt bearing 4L= mgt as bands on Sz, banitic band appears at 0.3m from end of unit, transitional cntct to next unit over 0.1m. frac. // c.a. weak bx.
L	2926	2938		1,11	4G48	±* v. weakly calc. mgt as narrow laminae.
L	2938	2945		1,12	4G4	±* similar to 111 except no mgt. weak frac // ca.
L	2945	2948		1,13	4D48	weakly bxtd.
L	2948	2972		1,14	4E18	(4C8) varying proportions of SiO_2 vs py to +80% characterise this unit. minor <1cm CO_3 clots @ 295.1 (0.1m) minor qtz veins 0.1m @ 0.3m from end.
L	2972	3009		1,15	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		1,16	4D4	increase in sph gn content. no mgte. minor thin fralts with CO_3
L	3016	3069		1,17	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		1,18	4C8*	10% py mgt bands on Sz weakly calc.

DDH FAGA215 (2–8) **Cyprus Anvil Mining Corp.** Page 9 of 18

Lithologic Log Date: _____ Logged By: PBT

Code	From	To	Recov.	No.	Unit	Description
1	10–14	16–20	22–24	26–28	30–34	35
L	3,07 5	3,12 6		1,19	4C37	89 wk narrow sericite bands cp increasing to end of unit in fractures (narrow) mgtc as bands and po replacing py in places. 20% py.
						approach 4E at 311.1 (0.2m). Increase in sericite to transitional lower cht over 0.6m but
						still sharp
L	3,12 6	3,13 5		120	4L6*	(3D7) [5C*4] weakly altered chlorite
						phyllite chlorite ⇒ biotite in places.
						remenant stretched chlorite clots!
L	3,13 5	3,14 8		121	4L*3	(4E0) bx. minor 15% 4E frags in 4L*3
						matrix Sz seems to dominate bxn.
L	3,14 8	3,15 3		122	4L12	except for high sericite content This unit
						close to 4C0. 5% py.
L	3,15 3	3,23 5		123	4L0	*3 normal 4L 2% py bxtd gouge at 321.5
						(0.1m)
L	3,23 5	3,26 2		124	4L0	70% gouge & bx. // Sz
L	3,26 2	3,27 8		125	4L9	(5B62) 80% gouge 5B62 more to FW.
L	3,27 8	3,32 2		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	3,32 2	3,32 4		127	3B*	chloritic phyllite weakly calcareous
L	3,32 4	3,42 2		128	3G9	[5B62] PSz dark grey cf. 126 340.6
						0.2m shear, 0.3m qtz vein below shear.
L	3,42 2	3,47 7		129	3G9	(3B3) narrow interbands chloritic weakly calcareous
						phyllite wk variable amount chl. ⇒ biotite
						in dark grey carbonaceous phyllite 3B3 10–15% qtz vnt
L	3,47 7	3,53 9		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	3,53 9	3,69 4		131	3G0	(3B3) cf. unit 129 wk 3B3 bands wk
						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.

Lithologic Log

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Date: _____ Logged By: PST

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 gouge
L	3753	3757		134	5A69	Similar to previous unit but non calc.
L	3757	3769		135	5A19	(4AO) Highly siliceous to 376.3 gtz vein? 4AO 376.3 - 376.6 pyrite in places ⇒ po.
L	3769	3830		136	3Q0	(3B3) minor narrow bands chlorite ± biotite calc. phyllite hairline fractures mineral filled with CO_3 minor po as S_2 lams. fracs sub// ca.
L	3830	3856		137	3D6	[5B3] (3E0) similar to previous unit except higher CO_2 content. 3E0 @ 383.8 (0.3m)
L	3856	3869		138	3Q0	fractured 3Q0 with hairline CO_3 filled fractures.
L	3869	3873		139	3E63	Gouge minor pyrite and calcite in matrix.
L	3873	3886		140	3E6	±3 (0Q0) calcite in fractures on HW. 0Q0 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 CO_3 on hairline fracs. shear @ 393.2 (0.2m) bx @ 393.7 (0.1m) EOH @ 394.4 m

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

DDH FAGA215 (2 8)

Cyprus Anvil Mining Corp.

Lithologic Log

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Date: 28 Aug 82 Checked ~~Logged~~ 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 ± S probably derived in part from SD4*
L	3234	3278			4L0	gouge ± Bxn. (360 ±9) tr toward base.
L	3278	3322			360?9	v. weakly but homogeneously carbonac. not 369 and not striped ie not 360±9
L	3322	3325			38*	[SD*dol] banded
L	3325	3478			360?9	weakly but homogly carbonac - very minor tuff bands - term at 337.1 color graded.
L	3478	3540			369	(368) homogeneously carbonaceous dissemt dirty fingers except with mixed 349.9-350.1 : 383 bio last 6m more carbonac - dk grey folin above that dk med grey folin.
L	3540	3734			360	(0P0)(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 SBO) 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. 0P*dol unit ends in what was logged as SA19 which it isn't only mineraliz is po on S2 and in an 0P* vein. - unit has dk grey locally black folin and is → SA
L	3756	3887			360?9	weakly carbonac.
L	3887	3911			364	→ 4L0 (SD4*) ← 390.2-391.0

Folin dk med grey

L 391.1 392.2 S<*dolo

L 392.2 394.4 360±4 minor dolo.

Lith log only 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		3112	CS2	M			70 230	
S		3124	CS12	Z			615	
S		3132	CS12	B			610	
S		3160	CS12	M			710	
S		3182	CS12	E			710	
$	3189	4114						CO_3 filling fracts. sub // to C.A. ≈ same azimuth as S_2
S		4147	CS12	B			615	
S		4162	CS12	S			710	
S		4192	CS12	S			515	
S	5111	5138	1 IND	P	815	910	410	Fault gouge sub // C.A. From 50.3 to 53.4 (Rec. 1M)
$	5138	5172						Numerous CO_3 veinlets sub // to CA
S		5172	CS12	S			510	
$		5188	CS12	S				Post D_2 fold syncline SE limb dips to N
S		5183	CS12	S			610	
S		6107	CS12	M			615	60.0 - 60.5 fault gouge
S		6136	CS12	M			710	
S		6172	CS12	M			615	
S		6182	CS12	Z			610	
S		7111	CS12	Z			610	69.9 fault gouge
S		7129	CS12	Z			710	
$	7144	7159			910	910		fract. sub // to CA
S		7167	1 IND	R			610	comp. banding
$	7167	7183						fract sub // to CA
$		7173						contact 11.S2
$	7187	8103						sulphide supported Bx
$	8103	8104			315	1810		shear = S0
S	8127	8133	1 IND	R	210	1810	710	shear = S0
$	8133	8137						gouge
S		8142	1 IND	P			515	
$	8150	8170						Numerous CO_3 veins sub // to CA / 90° to S2 azimith
S		8155	CS12	Z			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
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
S		81.72	CS,2	M			61023	
S		81.92	CS,2	B			615	
S		91.12	CS,2	M			610	
S		91.20	CS,2	B			610	
S		91.47	CS,2	S			615	
S		91.66	CS,2	Z			515	96.2 Gouge pass drillers good
S		91.80	CS,2	Z			610	98.3 gouge (0.1M) // Sz
S		99.1	CS,2	S			410	Afflicted by post Dz folding
								folding Sz
S		10.23	IND	R			75	
S		10.40	CS,2	E			65	
S		10.65	CS,2	S			65	
S		10.80	IND	R			60	
S		11.10	IND	H				Sz ⊥ ca
S		11.28	IND	R			75	
$	11.40	11.44						weak shearing 55° to ca.
S		11.54	CS,2	M			80	
S		11.68	IND	P			70	
S		11.88	CS,2	S			80	
$	12.09	12.16						fracture zone 30° to c.a.
S		12.26	CS,2	E			65	
S		12.56	CS,2	E			65	
S		12.75	CS,2	Z			60	
S		12.97	CS,2	S	1.0 1.60		50	fracture So = fracture
$	12.97	13.11						Above fracture continues minor box
								developed.
S	13.2	13.21	CS,2	S			60	
S		13.50	CS,2	S			70	
S		13.63	CS,2	M			70	
S		13.91	IND	D			75	
S		14.05	CS,2	B			80	
S		14.26	CS,2	S			80	
S		14.25	CS,2	B	1.0 3.50		70	fract on So
S		14.50	CS,2	E			65	139.8 0.1m gouge 145.3 0.1m
$								gouge
S		14.67	CS,2	S			60	

DDH FAG-A215 (2 / 8) Cyprus Anvil Mining Corp. Page 13 of 18

Structural Log Date: _____ Logged By: PST

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
S		1,48 1	CS,2	S			60 230	
S		1,51 3	CS,2	E			70	
S		1,53 3	CS,2	Z			70	
S		1,54 8	CS,2	Z			70	
SA		1,55 3	CS,2	S			70	weak shear // Sz @ 156.1
S	1,576 1	1,584			10 190		60	Gouge shear zone So = azimuth
S		1,588	CS,2	Z			60	
S		1,597	CS,2	S			75	
B	1,606	1,624						Gouge & ground core poor Rec.
S		1,636	CS,2	S			70	
S		1,665	CS,2	S			80	
S		1,692	CS,2	S			75	
S		1,706	CS,2	Z			75	
S		1,711	CS,2	S			80	
S	1,718	1,720			20 340			shear zone = So
S		1,749	CS,2	E			70	
S		1,763	CS,2	M			70	
S		1,783	CS,2	M			80	
S		1,803	CS,2	E			70	
S		1,818	CS,2	S			70	
S	1,820	1,825	I,ND		40 20		75	Shear gouge = So
S		1,839	CS,2	S			70	185.5 gouge 0.2m
B	1,867	1,873						shearing & minor gouge 40° to ca.
B	1,881	1,890						minor shear zones // Sz
S	1C	1,891	CS,2	Z			65	190.0 0.1m gouge // Sz
S		1,940	CS,2	Z			75	
S		1,954	I,ND	P			70	
S		1,969	CS2	Z			70	
B	1,981	2,069						fault zone 40% gouge, 40° to ca
S		2,080	CS,2	Z			70	209.5 0.1m gouge // Sz
S		2,102	CS,2	Z	40 00		70	shear @ L to ca
S		2,125	CS,2	Z			70	
B	2,135	2,157						bx zone 30% bx poss
			I,ND	B				@ 50° to c.a.
S		2,163	I,ND	R	10 330		70	comp bedding So = fracture
								continuing to 222.5

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Structural Log Date: _____ Logged By: RST

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
S		219.2	INDR				80 230	comp boundy
B	220.0	220.4			20			Bx' S_0 = slickenside surface
S		223.5	INDH					surface ⊥ ca
B		225.1						gouge 0.3m
S		229.5	INDH					
S		232.4	CS2Z				70	232.4 - 235.6 fract // ca.
S		237.7	CS2	B			75	237.8 - 238.0 gouge.
S		239.0	CS2S				80	
S		240.5	CS2S				70	
S		241.5	CS2E				80	
B		243.4						bx shear zone 0.2m // Sz
S		244.8	CS2M				70	
S		247.3	CS2B				80	
S		249.6	INDP				75	
S		254.8	CS2S				65	
S		258.7	CS2S				75	
S		261.9	CS2B				65	
S		264.5	CS2Z				80	
S		267.6	CS2B				75	
S		271.7	CS2E				60	
S		274.2	CS2Z				85	
B	278.2	279.2						Gouge. fractured rock for
								0.3m above this zone.
S		281.0	CS2M				60	
S		281.0	CS2E				65	
B	281.3	281.9						Gouge.
S	284.6	284.6	CS2M				70	
B	286.1	288.0						Gouge to 286.5 bx to end.
S	289							bx boundies sub // Sz
B	290.1	291.6						bx along fault // Ca.
S		291.9	INDR				60	comp. boundy
S		294.4	INDR				50	" "
S		298.6	INDR				60	" "
S		302.0	INDR				55	" "
S		307.4	INDR				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 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		3134	CSZ	Z			65 23	
$	3135	3148						Gouge & bx zone // S_2
S		3174	IND	P			65	
S		3213	IND	P			65	Gouge // S_2 321.5 (0.1m)
S		3239	IND	P			70	Gouge // S_2 324.0–327.8
$	3282	3309						Gouge broke core.
S	332	3322	IND	P			50	0.2m gouge 334.4
S		3363	IND	P			70	
S		3389	IND	P			80	shear at 339.2–339.8
S		3416	IND	P			75	
S		3438	IND	P			60	
S		3467	IND	P			70	Post D_2 folds folding S_2
S		3514	IND	P			80	
$	3521	3526						Gouge
S		3541	IND	H				⊥ to ca.
S		3566	IND	P			80	
S		3595	IND	P			70	
$	3613	3615						shear
S		3645	IND	P			75	
S		3691	IND	P			75	
S		3723	IND	P			65	Gouge 373-5 (0.2m)
S		3772	IND	P			80	nb post D_2 folding of S_2
S		3792	IND	P	90 010		80	fracture // ca = So
S		3801	IND	P			80	
S		3820	IND	H				⊥ to ca
$	3869	3873	IND	P				Gouge // S_2 post D_2 folding
S		3881						quite evident
S		3881	IND	P			65	
$	3890	3919						broken core due to fracture
								// ca
S		3920	IND	P			65	
$	3921	3926						Gouge 50?
S		3941					60	
								EOH @ 394.4

C.A.M.C. 1981 – E – 4

DDH FAGA215 (2–8) Cyprus Anvil Mining Corp

Logged by RT

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

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
	10–14	16–20	22–26	28–30	32–34	36–40	42
P	61 7	63 7	122510	20	09	4AP	(SA19)
P	63 7	65 7	122512	20	15	4AP	(SA19)
P	65 7	67 0	122513	13	13	4A0	(SA19)
P	67 0	69 0	122514	20	17	4A10	
P	69 0	71 0	122515	20	18	4A10	
P	71 0	72 4	122516	14	14	4A0	
P	72 4	73 8	122517	14	11	4A0	(4C0)
P	75 4	76 1	122518	07	06	4D0	
P	76 1	77 0	122519	09	09	4C0	
P	77 0	77 8	122520	08	08	4D0	(4D47) 4D47 overlook 0.3m
P	77 8	78 3	122521	05	05	4E0	(4H4, 4E4)
P	78 7	79 7	122522	10	07	4E0	(4D4, 4H0)
P	79 7	80 3	122523	06	06	4A0	shear.
P	80 3	82 2	122524	19	09	4D4	(4A0)
P	82 2	83 1	122525	09	07	4A0	(4D4)
P	83 1	85 1	122526	20	18	SA1	[4A0]
P	85 1	86 3	122527	12	11	SA1	[4A0]
P	99 8	101 0	122528	12	12	4A13	(4C0)
P	101 5	102 4	122529	09	06	4L12	(4C0)
P	102 8	103 3	122530	05	05	4D0	
P	103 7	105 2	122531	15	14	4A4	
P	105 2	106 6	122532	14	14	4A4	
P	106 6	107 3	122533	07	06	4C0	(4L*6)
P	107 3	108 5	122534	12	12	4A14	(4A13)
P	108 5	110 3	122535	18	18	4L0	(4D4, 4A4)
P	110 3	111 8	122536	15	15	4L0	(4H0)
P	111 8	112 8	122537	10	10	4L9	(4C3)
P	112 8	113 5	122538	07	07	4C3	(4L0, 4D4)
P	113 5	114 4	122539	09	08	4L3	(4D4)
P	114 4	115 8	122540	14	13	5C4*	(4D4, 4L0)
P							

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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	122811	16	16	4L14	(5B6, 4C3)
P	1209	1220	122821	11	10	4L01	(4L*)
P	1220	1230	122831	10	09	4A14	(4L*)
P	1230	1233	122841	03	03	4D4	
P	1233	1253	122851	20	19	4A14	
P	1253	1273	123771	20	19	4A14	
P	1273	1291	122861	19	18	4A14	
P	1291	1311	122871	20	19	4A13	(4A14)
P	1311	1323	122881	12	11	4A13	(4A14)
P	1439	1467	122891	22	22	4A*	(5A139, 4L0)
P	1600	1606	122901	06	06	4A01	
P	1606	1618	122911	12	11	5A19	(4A13, 4A14)
P	1618	1624	122921	06	05	4D01	(4A0)
P	2108	2121	122931	13	12	4A01	
P	2121	2134	122941	13	13	4A01	(4A0) Bx
P	2134	2139	122951	05	05	4E4*	(4A0)
P	2139	2147	122961	08	08	4E4*	(4D4)
P	2147	2150	122971	03	03	4L*	(4A0 bx)
P	2150	2154	122981	04	03	4K4	(4E0por)
P	2154	2157	122991	03	03	4A01	(4E0) Bx
P	2157	2173	123001	16	15	4G4*	
P	2173	2193	123011	15	14	4G4*	(4K4)
P	2193	2203	123021	15	14	4G4*	(4K4)
P	2203	2225	123031	22	21	4G4*	(4E*por)
P	2225	2231	123041	06	06	4A14	
P	2764	2782	123051	18	17	4E*	(4E*por, 4E8)
	2782	2792	123061	10		4L*3	
	2792	2807	———	15		4L7	(4H4)
	2861	2866	———	05		4L3	(0Q0)
P	2866	2878	123091	12	12	4E4	E* Bx
P	2878	2886	123101	08	08	4E4*	

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Logged by RST

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

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
	10 14	16 20	22 26	28 30	32 34	36 40	42
P	2886	2901	123111	15	15	4E*	
P	2901	2916	123112	16	15	4E8*	
P	2916	2926	123113	10	10	4E8*	(4E648*)
P	2926	2938	123114	16	15	4G48	±*
P	2938	2945	123115	07	07	4G4	±*
P	2945	2948	123116	03	03	4D48	
P	2948	2960	123117	12	11	4E18	(4C8)
P	2960	2972	123118	12	12	4E18	(4C8)
P	2972	2990	123119	18	18	4C38	* (4E18)
P	2990	3009	123120	19	18	4C38	* (4E18)
P	3009	3016	123121	07	07	4D4	
P	3016	3033	123122	17	17	4C38	(4L6)
P	3033	3051	123123	18	17	4C38	(4L6)
P	3051	3069	123124	18	18	4C38	(4L6)
P	3069	3075	123125	06	06	4C8*	
P	3075	3092	123126	17	16	4C37	89
P	3092	3109	123127	17	17	4C37	89
P	3109	3126	123128	17	17	4C37	89
P	3135	3148	123129	13	13	4L*3	(4E0)
P	3753	3769	123130	16	15	5A19	(5A69, 4A0) NB

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

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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	
		137	S,G					
		444	L,G					
		537	S					20° to CA
	600	605	S,G					
		699	L,G					
		718	S			99 999		
	761	770	L,X					~11 CA
	778	783	X					
	787	797	X					
	797	803	F,S					20° to CA
	822	831	G					
		963	L,G					
		983	L,G			99 999		
		1209	L,G					
	1303	1310	X,X					~11 CA
		1516	G			99 999		
		1566	S					
	1571	1584	G,S			99 999		
	1606	1612	G	S				
	1612	1618	B	2				
	1618	1624	2,G					
		1660	L,G					
		1686	L,G					
	1847	1853	S,G			99 999		115
		1719	S					
		1857	L,G					
		1864	G					
		1879	L,G					
	1875	1930	3,B					
	1984	2010	X,G					
	2010	2016	9,2,G,B					
	2115	2121	2,G					
	2134	2139	D?					
	2154	2157	D?					
	2193	2203	X,F?					steep?
	2234	2268	B					

DDH FAGA215 (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	
	12311 7	12380	B					
		12356	G					
		12380	G					
		13144	S					
	12693	12700	G					
	12766	12792	1XG					11 CA
	12807	12838	B					
	12813	12819	G					
	12866	12866	G					
	12866	12878	D?					
	12890	12896	D?					
	12901	12916	X					0–20° to CA
	13135	13148	XG			99 9999		
		13215	XG					
	13235	13278	2GX					
	13285	13298	MF?					
		13280	G					
		13406	S					
	13522	13526	G					
		13598	S					
		13614	S					
		13618	S					
		13736	G					
	13869	13873	G					
	13886	13895	R					
	13919	13926	BG					11 CA
		13932	S					
		13937	X					
	15033	15346	G	3				
	11140	11144	S					55° to CA
		11398	1G					
		11453	1G					

C.A.M.C. 1981 – E – 4

DDH: FAGA215 -- 42 DEGREE PROFILE

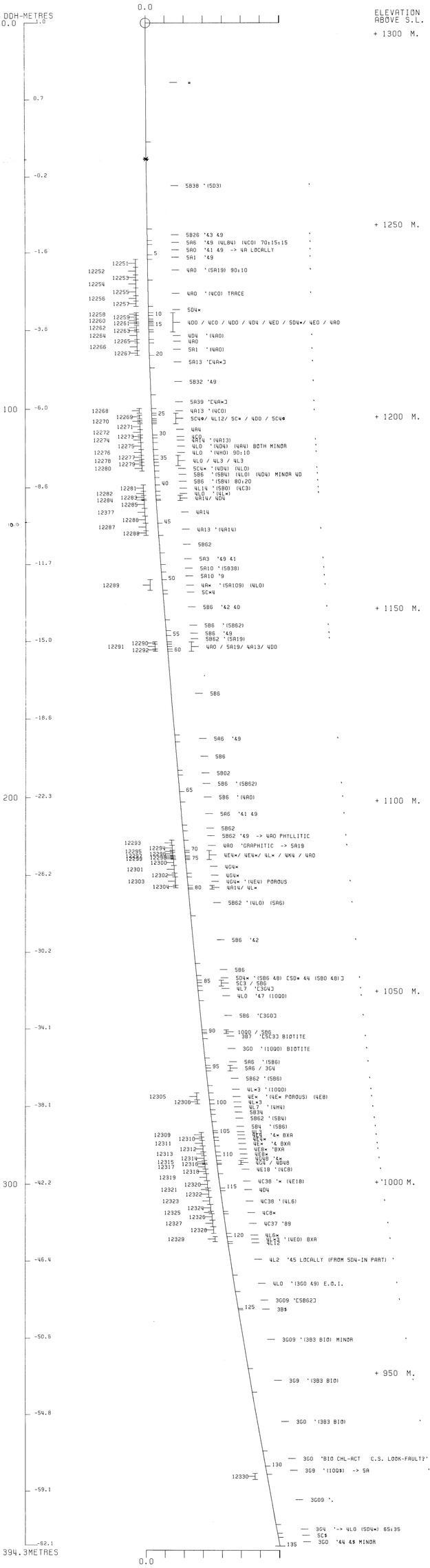
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1303 592359E ; 905057N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 583.4 Z = 1303.0

SECTION NAME: 74W



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 29 OCT 1984 4:03 PM

DDH: FAGA215 -- 42 DEGREE PROFILE

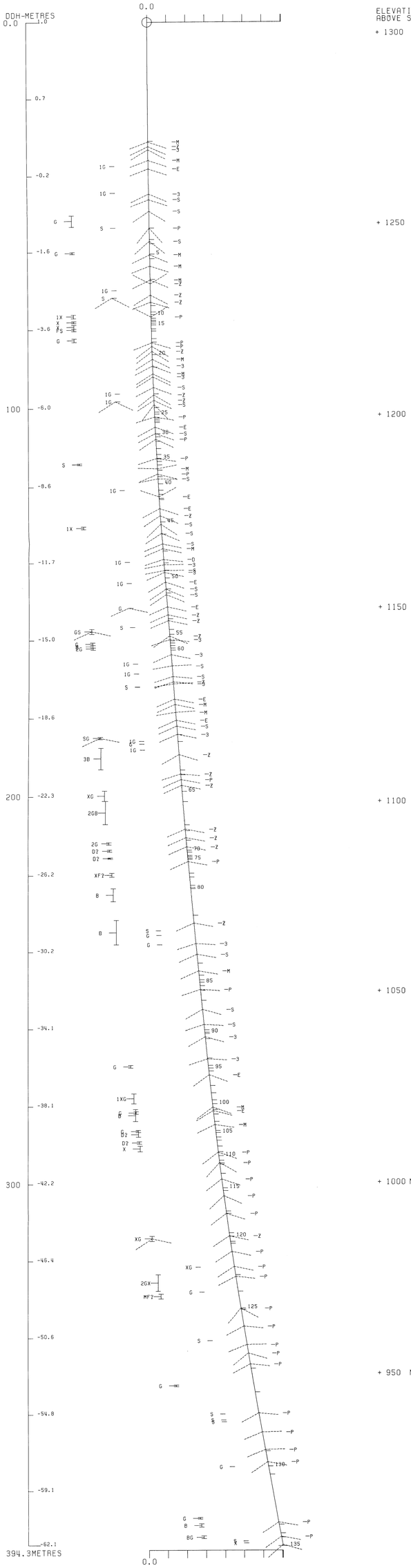
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1303 592359E ; 905057N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 583.4 Z = 1303.0

SECTION NAME: 74W



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 29 OCT 1984 3:56 PM