Grum
Section CON
2 of 2

014980

FAGA213

DDH	SAMPLE	----DEPTHS--- FROM	TO	INT M	REC %	ROCK UNIT	S.G.	CU %	PB %	ZN %	AG G/MT	AU G/MT	PO %	PY %	BAO %	PB+ZN %	PO+PY %	ZN RATIO
FAGA213	5896	37.2	38.6	1.4	100	4E0	4.32	.33	2.80	1.76	67.0	.96				4.56		.39
	5897	44.8	47.7	2.9	100	4EL	3.44	.16	1.16	.93	18.0	.41	8.45	15.40		2.09	23.85	.44
	5898	47.7	49.0	1.3	100	4E4	4.59	.17	5.80	5.00	84.0	1.78	2.81	33.70		10.80	36.51	.46
	5899	49.3	51.4	2.1	100	4E4	4.25	.09	7.10	7.40	108.0	1.23	2.55	32.30		14.50	34.85	.51
	590C	52.6	53.3	.7	100	4C3	3.76	.19	1.80	2.90	27.0	1.17	3.29	21.50		4.70	24.79	.62
	5901	53.3	54.9	1.6	100	4A3	3.29	.12	.97	1.76	20.0	.82	2.06	16.00		2.73	18.06	.64
	5902	54.9	56.1	1.2	100	4E4	4.27	.16	6.20	7.80	114.0	1.71	2.58	24.80		14.00	27.38	.56
	5903	56.1	57.3	1.2	100	4E4	4.27	.14	4.08	5.18	57.0	1.30	2.21	29.80		9.26	32.01	.56
	5904	57.3	58.2	.9	100	4A3	3.35	.13	.43	.47	13.0	1.37	1.76	17.30		.90	19.06	.52
	5905	58.2	59.2	1.0	100	4D3	3.73	.12	2.43	4.70	23.0	1.58	4.58	20.80		7.13	25.38	.66
	5906	59.2	61.6	2.4	100	4E4	4.56	.27	3.59	4.80	54.0	1.30	2.85	35.10		8.39	37.95	.57
	5907	61.6	63.1	1.5	100	4L2	3.39	.14	1.00	1.33	13.0	.34	7.58	12.30		2.33	19.88	.57
	5908	63.1	64.3	1.2	100	4L2	2.94	.04	.47	.80	9.0	.07	3.95	4.41		1.27	8.36	.63
	5909	115.8	117.1	1.3	100	4DL	3.58	.10	3.89	5.08	73.0	.41				8.97		.57
	5910	242.0	246.9	4.9	41	4EC	3.64	.20	2.50	2.40	36.0	.82	6.80	19.10		4.90	25.90	.49
	5911	260.2	262.2	2.0	100	4E81	4.14	.22	2.72	2.01	40.0	1.44				4.73		.42
	5912	272.0	273.6	1.6	100	4A0	2.96	.14	.39	.45	10.0	.34				.84		.54
	5913	279.2	281.9	2.7	100	4A0	3.08	.05	.09	.06	7.0	.14				.15		.40
	5914	281.9	283.1	1.2	100	4L0	3.08	.03	.26	.20	11.0	.21				.46		.43

OCH	SAMPLE	ROCK UNIT	NORMATIVE MINERALS - WEIGHT % CPY	GA	SP	PO	PY	BAR	OTHER	*	NORMATIVE MINERALS - VOLUME % CPY	GA	SP	PO	PY	BAR	OTHER
FAGA213	5896	4E0	.95	3.23	2.62				93.19	*							
	5897	4EL	.46	1.34	1.39	13.29	33.12		50.40	*	.39	.63	1.22	10.15	23.26		64.36
	5898	4E4	.49	6.70	7.45	4.42	72.47		8.47	*	.55	4.17	8.71	4.49	67.71		14.38
	5899	4E4	.26	8.20	11.03	4.01	69.46		7.04	*	.29	5.15	12.99	4.11	65.42		12.05
	5900	4C3	.55	2.08	4.32	5.17	46.24		41.64	*	.48	1.03	4.00	4.17	34.25		56.07
	5901	4A3	.35	1.12	2.62	3.24	34.41		58.26	*	.28	.50	2.21	2.37	23.20		71.43
	5902	4E4	.46	7.16	11.63	4.06	53.33		23.36	*	.46	3.98	12.11	3.67	44.42		35.37
	5903	4E4	.40	4.71	7.72	3.48	64.08		19.60	*	.41	2.69	8.27	3.24	54.88		30.52
	5904	4A3	.38	.50	.70	2.77	37.20		58.46	*	.30	.22	.59	2.03	25.11		71.74
	5905	403	.35	2.81	7.01	7.20	44.73		37.91	*	.31	1.41	6.61	5.91	33.75		52.01
	5906	4E4	.78	4.15	7.16	4.48	75.48		7.95	*	.86	2.57	8.32	4.53	70.25		13.46
	5907	4L2	.40	1.15	1.98	11.92	26.45		58.09	*	.32	.52	1.67	8.71	17.78		71.00
	5908	4L2	.12	.54	1.19	6.21	9.48		82.45	*	.08	.22	.89	4.02	5.64		89.16
	5909	4DL	.29	4.49	7.57				87.65	*							
	5910	4EC	.58	2.89	3.58	10.69	41.07		41.19	*	.51	1.43	3.32	8.63	30.50		55.61
	5911	4E81	.64	3.14	3.00				93.23	*							
	5912	4A0	.40	.45	.67				98.47	*							
	5913	4A0	.14	.10	.09				99.66	*							
	5914	4L0	.09	.30	.30				99.31	*							

DRILL HOLE : FAGA213

NORTHING : 904,755.1

EASTING : 592,376.7

ELEVATION : 1,277.0

TOTAL DEPTH : 307.1

SECTION : W 67

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: 19

NOS DOWN-H-SURVEYS: 10

NOS DOWN-H-LITHOLOGY: 66

NOS DOWN-H-STRUCTURE: 70

NOS DOWN-H-FAULTS: 11

NOS DOWN-H-SPLINES: 10

NOS COMPOSITES: 0

DDH: FAGA213 UTM-N: 564,795.1 UTM-E: 592,376.7 UTM-ELEV: 1,277.0 TOTAL DEPTH: 307.1 SECTION: W 67
RFE: S2 RFE LIF: 250 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	BAC %	HG %	MN %	AS %	BA %	S.G. W.R.
37.2	38.6	05896	1.4	1.4	4E0	4.32	.33	2.80	1.76	67.00		.96									
44.8	47.7	05897	2.9	2.9	4EL	3.44	.16	1.16	.93	18.00		.41	8	15	23						
47.7	49.0	05898	1.3	1.3	4E4	4.59	.17	5.80	3.00	84.00		1.78	2	33	36						
49.3	51.4	05899	2.1	2.1	4E4	4.25	.09	7.10	7.40	108.00		1.23	2	32	34						
52.6	53.3	05900	.7	.7	4C3	3.76	.19	1.80	2.90	27.00	27.00	1.17	3	21	24						
53.3	54.9	05901	1.6	1.6	4A3	3.29	.12	.97	1.76	20.00		.82	2	16	18						
54.9	56.1	05902	1.2	1.2	4E4	4.27	.16	6.20	7.50	114.00		1.71	2	24	27						
56.1	57.3	05903	1.2	1.2	4E4	4.27	.14	4.08	5.18	57.00		1.30	2	29	32						
57.3	58.2	05904	.9	.9	4A3	3.35	.13	.43	.47	13.00		1.37	1	17	19						
58.2	59.2	05905	1.0	1.0	4D3	3.73	.12	2.43	4.70	23.00		1.58	4	20	25						
59.2	61.6	05906	2.4	2.4	4E4	4.56	.27	3.59	4.80	54.00		1.30	2	35	37						
61.6	63.1	05907	1.5	1.5	4L2	3.39	.14	1.00	1.33	13.00		.34	7	12	19						
63.1	64.3	05908	1.2	1.2	4L2	2.94	.04	.47	.80	9.00		.07	3	4	8						
115.8	117.1	05909	1.3	1.3	4DL	3.58	.10	3.89	5.08	73.00		.41									
242.0	246.9	05910	4.9	2.0	4EC	3.64	.20	2.50	2.40	36.00		.82	6	19	25						
260.2	262.2	05911	2.0	2.0	4EB1	4.14	.22	2.72	2.01	40.00		1.44									
272.0	273.6	05912	1.6	1.6	4A0	2.96	.14	.39	.45	10.00		.34									
279.2	281.9	05913	2.7	2.7	4A0	3.08	.05	.09	.06	7.00		.14									
281.9	283.1	05914	1.2	1.2	4L0	3.08	.03	.26	.20	11.00		.21									
WEIGHTED AVERAGE																					
37.2	38.6		1.4	1.4		4.32	.33	2.80	1.76	67.00		.96									
44.8	49.0		4.2	4.2		3.79	.16	2.59	2.18	38.42		.83	6	21	27						
49.3	51.4		2.1	2.1		4.25	.09	7.10	7.40	108.00		1.23	2	32	34						
52.6	64.3		11.7	11.7		3.79	.15	2.44	3.42	38.52	1.61	1.04	3	21	24						
115.8	117.1		1.3	1.3		3.58	.10	3.89	5.08	73.00		.41									
242.0	246.9		4.9	2.0		3.64	.20	2.50	2.40	36.00		.82	6	19	25						
260.2	262.2		2.0	2.0		4.14	.22	2.72	2.01	40.00		1.44									
272.0	273.6		1.6	1.6		2.96	.14	.39	.45	10.00		.34									
279.2	283.1		3.9	3.9		3.08	.04	.14	.10	8.23		.16									

DDH: FAGA213 UTM-N: 9,647,755.1 UTM-E: 592,376.7 UTM-ELEV: 1,277.0 TOTAL DEPTH: 307.1 SECTION: W 67
RPE: S2 RPE DIP: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
53.600	176.000	5.000
84.100	176.000	60.000
114.600	175.000	65.000
145.100	175.000	70.000
177.700	171.500	62.000
208.200	170.000	64.000
238.700	169.000	65.000
269.100	165.500	78.000
302.700	167.500	72.000

DDH: PAG4210 UTM-N: 904,755.1 UTM-E: 592,376.7 UTM-ELEV: 1,277.0 TOTAL DEPTH: 307.1 SECTION: W 67
RFE: 52 RFE DIP: 230 PLUNGE ANGLES: 11 AIC DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
37.2	0001	4		0.5-	1
38.6	0002	4EC	BXA (4LC CLASTS) MINOR	0.5-	1
44.8	0003	4LC		0.5-	1
47.7	0004	4EC	(4LO) T.O.I. 70:30	0.5-	1
47.6	0005	4EC		0.5-	1
49.3	0006	4LC		0.5-	1
51.4	0007	4EC		0.5-	1
52.6	0008	5D4	[4LO]	0.5-	1
53.3	0009	4C3		0.5-	1
54.9	0010	4A3		0.5-	1
57.3	0011	4E4		0.5-	1
58.2	0012	4A3		0.5-	1
59.2	0013	4C3		0.5-	1
61.6	0014	4E4		0.5-	1
64.5	0015	4L2		0.5-	1
71.3	0016	5B0		0.5-	1
81.2	0017	5B6		0.5-	1
82.6	0018	5B7	-> (5B7C) [5B80]	0.5-	1
88.6	0019	5DC	(5B) MINOR	0.5-	1
89.3	0020	5B6		0.5-	1
94.1	0021	5DC	(5B) MINOR	0.5-	1
96.6	0022	5B6		0.5-	1
104.5	0023	5B6	(5D4) 80:20	0.5-	1
112.8	0024	5B6	(5A) (4L) BOTH MINOR	0.5-	1
115.8	0025	5A91		0.5-	1
117.1	0026	4DC	(4LO) 70:30	0.5-	1
119.5	0027	5AC		0.5-	1
129.9	0028	5B6	(4L)(4E)(1CC0) ALL MINOR	0.5-	1
135.6	0029	5AC	GOUGE	0.5-	1
155.7	0030	5B7C	[5B80]	0.5-	1
156.1	0031	5DC		0.5-	1
161.0	0032	5B7C	[5B8C] (5B6) MINOR	0.5-	1
162.5	0033	5DC		0.5-	1
182.9	0034	5B7C	[5B80]	0.5-	1
184.7	0035	5DC	(5B0) 60:40	0.5-	1
195.0	0036	5B0	(4L) MINOR	0.5-	1
195.7	0037	5DC		0.5-	1
199.0	0038	5B0		0.5-	1
203.0	0039	5B6		0.5-	1
203.5	0040	491		0.5-	1
206.6	0041	5B6	GOUGE	0.5-	1
234.1	0042	5B6	&C &2	0.5-	1
235.6	0043	4LC		0.5-	1
238.9	0044	5B6		0.5-	1
239.3	0045	5D6		0.5-	1
242.0	0046	5B62		0.5-	1
242.3	0047	4EC	BXA	0.5-	1
246.9	0048	4E8	(4C0)(5B , 4L) 40:40:20	0.5-	1
259.1	0049	5A6		0.5-	1
260.2	0050	4LO	(4E) MINOR	0.5-	1
262.2	0051	4E81		0.5-	1

DDH: PAGAE13 UTM-N: 6,464,785.1 UTM-E: 532,376.7 UTM-ELEV: 1,277.0 TOTAL DEPTH: 307.1 SECTION: W 67
REF: S2 REF DIR: 330 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	INT
265.4	0052	4L3		0.5-	1
265.8	0053	4AC		0.5-	1
269.7	0054	4LC		0.5-	1
270.3	0055	4LC	BXA	0.5-	1
272.8	0056	4LC		0.5-	1
272.9	0057	4AC	GOUGE (4L) MINOR	0.5-	1
273.6	0058	4AC		0.5-	1
274.7	0059	4LC	GOUGE	0.5-	1
275.1	0060	10QC	(4E , 4A CLASTS)	0.5-	1
279.2	0061	5A1		0.5-	1
281.9	0062	4AC		0.5-	1
286.7	0063	4LC		0.5-	1
297.2	0064	3GC	(3G14) & BIO	0.5-	1
303.9	0065	4L1	79 & GAR	0.5-	1
307.1	0066	3GC	& BIO	0.5-	1

DDH: FAGA213 UTM-N: 964,735.1 UTM-E: 592,374.7 UTM-ELEV: 1,277.0 TOTAL DEPTH: 307.1 SECTION: W 67
RFE: S2 RFE DIP: 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
FAGA213	0.0	38.7	CS2		0	0	0	0	62	230	0	1	1	1
FAGA213	0.0	43.9	CS2		0	0	0	0	60	230	0	1	1	1
FAGA213	38.5	45.2	CS2	M	0	0	0	0	0	0	0	1	1	1
FAGA213	0.0	50.9	PS2		0	0	0	0	69	230	0	1	1	1
FAGA213	0.0	57.3	PS2		0	0	0	0	44	230	0	1	1	1
FAGA213	0.0	63.4	PS2		0	0	0	0	47	230	0	1	1	1
FAGA213	45.2	64.3	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGA213	0.0	68.1	CS2	S	0	0	0	0	65	230	0	1	1	1
FAGA213	64.3	68.1	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGA213	0.0	73.8	PS2		0	0	0	0	69	230	0	1	1	1
FAGA213	68.1	78.9	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGA213	0.0	79.4	CS2		0	0	0	0	52	230	0	1	1	1
FAGA213	0.0	85.0	CS2		0	0	0	0	75	230	0	1	1	1
FAGA213	0.0	89.2	CS2		0	0	0	0	70	230	0	1	1	1
FAGA213	0.0	94.7	CS2		0	0	0	0	82	230	0	1	1	1
FAGA213	0.0	97.1	CS2		0	0	0	0	77	230	0	1	1	1
FAGA213	0.0	104.5	CS2	S	0	0	0	0	60	230	0	1	1	1
FAGA213	78.8	104.5	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGA213	0.0	109.5	PS2		0	0	0	0	72	230	0	1	1	1
FAGA213	0.0	115.2	PS2	P	0	0	0	0	55	230	0	1	1	1
FAGA213	104.5	115.2	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGA213	115.2	118.1	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGA213	0.0	119.8	CS2		0	0	0	0	50	230	0	1	1	1
FAGA213	0.0	125.0	CS2	Z	0	0	0	0	69	230	0	1	1	1
FAGA213	118.1	125.0	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGA213	0.0	129.4	PS2		0	0	0	0	74	230	0	1	1	1
FAGA213	0.0	141.1	PS2	P	0	0	0	0	42	230	0	1	1	1
FAGA213	125.0	141.1	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGA213	0.0	148.0	CS2		0	0	0	0	43	230	0	1	1	1
FAGA213	0.0	154.1	CS2		0	0	0	0	40	230	0	1	1	1
FAGA213	0.0	160.5	CS2		0	0	0	0	42	230	0	1	1	1
FAGA213	0.0	166.1	CS2		0	0	0	0	52	230	0	1	1	1
FAGA213	141.1	169.9	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGA213	0.0	171.9	CS2		0	0	0	0	44	230	0	1	1	1
FAGA213	0.0	178.3	CS2		0	0	0	0	51	230	0	1	1	1
FAGA213	169.9	180.1	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGA213	0.0	184.3	CS2		0	0	0	0	44	230	0	1	1	1
FAGA213	180.1	185.5	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGA213	0.0	191.0	CS2		0	0	0	0	47	230	0	1	1	1
FAGA213	0.0	196.4	CS2		0	0	0	0	52	230	0	1	1	1
FAGA213	0.0	199.9	CS2		0	0	0	0	47	230	0	1	1	1
FAGA213	185.5	205.2	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGA213	0.0	206.7	CS2		0	0	0	0	55	230	0	1	1	1
FAGA213	0.0	212.5	CS2		0	0	0	0	35	230	0	1	1	1
FAGA213	0.0	216.0	CS2		0	0	0	0	46	230	0	1	1	1
FAGA213	0.0	221.0	CS2		0	0	0	0	39	230	0	1	1	1
FAGA213	0.0	227.3	CS2		0	0	0	0	60	230	0	1	1	1
FAGA213	0.0	233.4	CS2	Z	0	0	0	0	51	230	0	1	1	1
FAGA213	205.2	233.4	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGA213	0.0	236.5	CS2		0	0	0	0	62	230	0	1	1	1
FAGA213	236.5	239.5	CS2	Z	0	0	0	0	0	0	0	1	1	1

DDH: FAGA213 UTM-N: 964,735.1 UTM-E: 592,376.7 UTM-ELEV: 1,277.0 TOTAL DEPTH: 307.1 SECTION: W 67
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	S0 DIRECT	S1 ANGLE	S1 DIRECT	S2 ANGLE	S2 DIRECT	RFE CDE	DHDC	SDC	PROCESS
FAGA213	0.0	246.3	PS2		0	0	0	0	58	230	0	1	1	1
FAGA213	0.0	252.7	PS2	P	0	0	0	0	82	230	0	1	1	1
FAGA213	239.5	252.7	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGA213	0.0	259.1	CS2	S	0	0	0	0	63	230	0	1	1	1
FAGA213	252.7	259.1	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGA213	259.1	262.2	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGA213	0.0	264.3	PS2		0	0	0	0	70	230	0	1	1	1
FAGA213	0.0	270.5	PS2		0	0	0	0	67	230	0	1	1	1
FAGA213	262.2	273.6	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGA213	0.0	276.0	PS2		0	0	0	0	70	230	0	1	1	1
FAGA213	0.0	282.0	PS2	P	0	0	0	0	76	230	0	1	1	1
FAGA213	273.6	282.0	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGA213	0.0	287.9	PS2		0	0	0	0	78	230	0	1	1	1
FAGA213	282.0	289.4	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGA213	289.4	291.6	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGA213	0.0	293.4	PS2		0	0	0	0	75	230	0	1	1	1
FAGA213	0.0	299.2	PS2		0	0	0	0	72	230	0	1	1	1
FAGA213	0.0	307.1	PS2		0	0	0	0	65	230	0	1	1	1
FAGA213	291.6	307.1	PS2	P	0	0	0	0	0	0	0	1	1	1

DDH: FAGA213 UTM-N: 604,785.1 UTM-E: 592,376.7 UTM-ELEV: 1,277.0 TOTAL DEPTH: 287.1 SECTION: W 67
RFE: S2 RFE DIP: 200 PLUNGE ANGLES: 11 312 OHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT REC CD	PARLL	UPPER PLANE		INTERNAL PLANE		LOWER PLANE		OHD
FAGA213	37.2	38.6	XD?		0	0	0	0	0	0	1
FAGA213	41.6	42.1	GC?		0	0	0	0	0	0	1
FAGA213	52.6	53.3	G		0	0	0	0	0	0	1
FAGA213	129.9	135.6	GF		0	0	0	0	0	0	1
FAGA213	203.5	206.6	GP		0	0	0	0	0	0	1
FAGA213	242.0	242.3	XD?		0	0	0	0	0	0	1
FAGA213	269.7	270.3	X		0	0	0	0	0	0	1
FAGA213	272.0	272.9	ZG		0	0	0	0	0	0	1
FAGA213	273.6	274.7	G		0	0	0	0	0	0	1
FAGA213	274.7	275.1	QX		0	0	0	0	0	0	1
FAGA213	279.2	281.2	XD?		0	0	0	0	0	0	1

DDH: FAGA213 UTM-N: [illegible] UTM-E: 592,376.7 UTM-ELEV: 1,277.0 TOTAL DEPTH: 207.1 SECTION: W 67
RFE: 52 RFE DIR: 250 PLUNGE ANGLES: 11 312 DHD CALC: 1 BS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGA213	1	2
FAGA213	2	2
FAGA213	3	2
FAGA213	4	2
FAGA213	5	2
FAGA213	6	2
FAGA213	7	2
FAGA213	8	2
FAGA213	9	2
FAGA213	10	1

DDH: FAGA213 UTM-N: 904,785.1 UTM-E: 592,376.7 UTM-ELEV: 1,277.0 TOTAL DEPTH: 207.1 SECTION: W 67
RFE: 52 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGA213	1	2
FAGA213	2	2
FAGA213	3	2
FAGA213	4	2
FAGA213	5	2
FAGA213	6	2
FAGA213	7	2
FAGA213	8	2
FAGA213	9	2
FAGA213	10	1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 80-A 213

Project: GRUM

Location: VANGORDA PLAT

Claim:

UTM ~~Terr.~~ Plane Co-ords.: 6904755.125 N

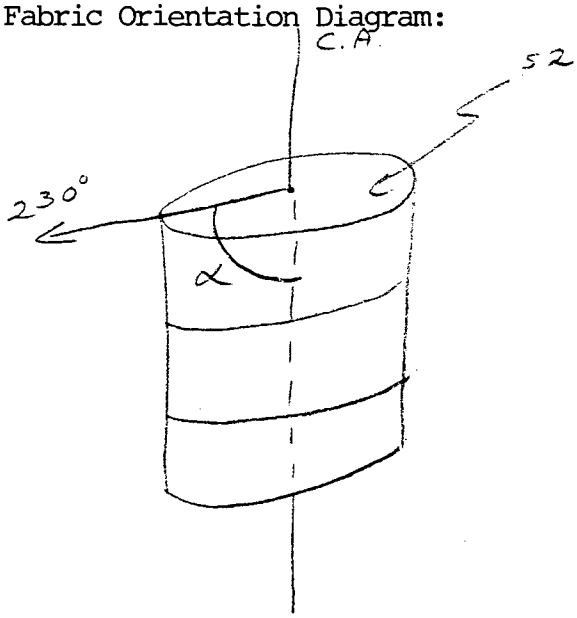
CAMC Mine Survey 592376.740 E

Grid Co-ords.: 67W/ BL

Elevation: 1277.025

Total Depth: 307.1 m

Fabric Orientation Diagram:



All symmetry determinations looking

NW with 52 dipping

SW with dip azimuth 230°

Purpose:

Logged by: DJH Date(s) Logged:

Drilling Contractor: Arctic D.D.

Core: Size From To Collar Cased and Capped:

Started: Completed:

Cyprus Anvil Mining Corp.

Diamond Drill Core Log

DDH 80-AZ13

Code	Drillhole	Elevation	Northing	Easting	Comments
1	2 8	10 16	17 24	25 32	34 48
T	80-1AZ13	11277.0	9104755.1	591237617.7	METERS

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2 8	10 14	22 26	28 32	34 56
R	80-1AZ13	0.0	1801.0	.	AT COLLAR
R	80-AZ13	536	1781.0	0905.0	
R	80-AZ13	841	1761.0	0601.0	
R	80-AZ13	1146	1751.0	0651.0	
R	80-AZ13	1451	1751.0	0710.0	
R	80-AZ13	1777	1711.5	0621.0	
R	80-AZ13	2082	1701.0	0641.0	
R	80-AZ13	2387	1691.0	0651.0	
R	80-AZ13	2691	1651.5	0781.0	
R	80-AZ13	3027	1671.5	0721.0	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	

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

DDH 80-A213 (2 / 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Logged By: DJH.

Code	From	To	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
L	1 10 0	1 13 72	1 /	1 #	tricored
L	1 13 72	1 13 86	12	4IE10	bxia w/ sdc frags and matrix; minor 4L frags
L	1 13 86	1 14 48	13	4IL10	mud 41.8 - 42.1
L	1 14 48	1 14 77	14	4IE1L	70:30 4EO:4LO (transition 4L→4E)
L	1 14 77	1 14 90	15	4IE1Ø	4 w/ occ. lams rich in sph/gal.
L	1 14 90	1 14 93	16	4IL10	
L	1 14 93	1 15 14	17	4IE1Ø	4 c.f. units; some remob. gal/sph
L	1 15 14	1 15 26	18	4IL10	w/ minor mariposite (5D4?)
L	1 15 26	1 15 33	19	4IDX0	6 ~3 ~60% tot. sdes; clay gouge // C.A.
L	1 15 33	1 15 49	/10	4IA1X	0
L	1 15 49	1 15 73	/11	4IE1Ø	4 → 4E4 locally
L	1 15 73	1 15 82	/12	4IA10	3
L	1 15 82	1 15 92	/13	4ID10	3 some sph. remob into fractures.
L	1 15 92	1 16 16	/14	4IE1X	4
L	1 16 16	1 16 43	/15	4IL12	
L	1 16 43	1 17 13	/16	5IB10	
L	1 17 13	1 18 12	/17	5IB16	
L	1 18 12	1 18 26	/18	5IB17	→5B73
L	1 18 26	1 18 86	/19	5ID13	w/ minor 5B
L	1 18 86	1 18 93	210	5IB16	
L	1 18 93	1 19 41	21	5ID13	w/ minor 5B
L	1 19 41	1 19 66	212	5IB16	
L	1 19 66	1 10 45	213	5IBD	80:20 5B6 (weakly alt'd) : 5D4
L	1 10 45	1 11 28	214	5IB16	w/ minor 5A and 4L
L	1 11 28	1 11 58	215	5IA19	minor sph/gal/py; →5A91
L	1 11 58	1 11 71	216	4ID1L	70:30 4DO:4LO
L	1 11 71	1 11 95	217	5IA10	
L	1 11 95	1 12 99	218	5IB16	w/ ab qt-carb. veinlets; minor 4L and 4E and OQO
L	1 12 99	1 13 56	219	5IA10	?; black gouge (fault?)
L	1 13 56	1 15 57	310	5IB17	→5B73
L	1 15 57	1 15 61	31	5ID13	
L	1 15 61	1 16 10	312	5IB17	→5B73 w/ minor 5B6
L	1 16 10	1 16 25	313	5ID13	
L	1 16 25	1 18 29	314	5IB17	→5B73

DDH 80-A213 (2 / 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Logged By: DJH

Code	From	To	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
L	1/1829	1/1847	315	5DB	60:40 5D3:5B0
L	1/1847	1/1950	316	5B10	w/ minor 4L
L	1/1950	1/1957	317	5D3	
L	1/1957	1/1990	318	5B10	
L	1/1990	12030	319	5B16	
L	12030	12035	410	4E1	~20% siliceous bands.
L	12035	12066	411	5B16	?gouge & lost core (fault?)
L	12066	12341	412	5B16	→5B0 locally; some dark grey→ black carb striping.
L	12341	12356	413	4L10	
L	12356	12389	414	5B16	
L	12389	12393	415	5D16	
L	12393	12420	416	5B16	→5B62
L	12420	12423	417	4E10	bxia
L	12423	12469	418	4E1C	40:40:20 4E8:4C0:5B/4L
L	12469	12591	419	5A16	
L	12591	12602	510	4L10	minor 4E
L	12602	12622	511	4E18	→4E81 (minor $BaSO_4$?)
L	12622	12654	512	4L13	
L	12654	12658	513	4A10	v. minor sdes
L	12658	12697	514	4L10	
L	12697	12703	515	4L10	? light grey frags and bxia (fault?)
L	12703	12720	516	4L10	
L	12720	12729	516	4A10	? 50% gouge; minor 4L
L	12729	12738	517	4A10	
L	12738	12747	518	4L10	70% gouge
L	12747	12751	519	4EA	complex bxia w/ 4EA frags in a qtz-carb matrix.
L	12751	12792	610	5A1	
L	12792	12819	611	4A10	~40% bxia; minor 5A
L	12819	12887	612	4L10	
L	12887	12972	613	3610	→3614 ; ±bio; weakly alt (ser.+SiO_2)
L	12972	13039	614	4L11	→4L179; ± pink garnets
L	13039	13071	615	3610	weakly altered (ser.); ± bio
		EOH			

DDH 80-A213 (2 / 8)

Cyprus Anvil Mining Corp.
Structural Log

Logged By: DJH.

Code	From	To	Feature	Sym	S_1 Dip Direct.	S_2 Dip Direct.	Description
	10 14	16 20	22 24	26	28 32	34 38	
S							%B 0-37.2 m
							Bxia 37.2-38.5; no sym, no S2
S		13187	CIS12			62 2310	M region 38.5-45.2
S		14139	CIS12			60 2310	
S		14522	IF2	M			R region 45.2-64.3
S		15099	PIS12			69 2310	
S		15173	PIS12			44 2310	
S		16134	PIS12			47 2310	
S		16443	IF2	R			S region 64.3-68.1 ✓
S		16811	IF2	S		65 2310	PS2 region 68.1-78.8
S		17138	PIS12			69 2310	
S		17888	IF2	P			S region 68.1-104.5 ✓
S		17994	CIS12			52 2310	
S		18150	CIS12			75 2310	
S		18922	CIS12			70 2310	
S		19477	CIS12			82 2310	
S		19771	CIS12			77 2310	
S		20145	IF2	S		60 2310	PS2 region 104.5-115.2 ✓
S		20195	PIS2			72 2310	
S		20552	IF2	P		55 2310	S region 115.2-118.1
S		20818	IF2	E			Z region 118.1-125.0 ✓
S		20998	CIS12			50 2310	
S		21250	IF2	Z		69 2310	PS2 region 125.0-141.1 ✓
S		21294	PIS2			74 2310	
S		21411	IF2	P		42 2310	Z region 141.1-169.9
S		21480	CIS12			43 2310	
S		21541	CIS12			40 2310	
S		21605	CIS12			42 2310	
S		21661	CIS2			52 2310	
S		21699	IF23				S region 169.9-180.1
S		21719	CIS12			44 2310	
S		21783	CIS12			51 2310	
S		21801	IF2	E			Z region 180.1-185.5
S		21843	CIS12			44 2310	
S		21855	IF23				S region 185.5-205.2

DDH 80-A213 (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		11910	CS12			4172310	
S		11964	CS12			5122310	
S		11999	CS12			4172310	
S		12052	IF2E				Z region 205.2 - 233.4 ✓
S		12067	CS12			5152310	
S		12125	CS12			3152310	
S		12160	CS12			4662310	
S		12210	CS12			3192310	
S		12273	CS12			6102310	
S		12334	IF2Z			5112310	
							fault zone 233.4 - 236.5
							- no sym, no S2
S		12365	CS12			6222310	Z region 236.5 - 239.5
S		12395	IF2Z				R region 239.5 - 252.7 ✓
S		12465	PS2			5182310	
S		12527	IF2R			8222310	S region 252.7 - 259.1 ✓
S		12591	IF2S			6132310	R region 259.1 - 262.2
S		12622	IF2R				PS2 region 262.2 - 273.6
S		12643	PS12			7102310	
S		12705	PS2			6172310	
S		12736	IF2P				R region 273.6 - 282.0 ✓
S		12760	PS12			7102310	
S		12820	IF2R			7162310	PS2 region 282.0 - 289.4
S		12879	PS12			7182310	
S		12894	IF2P				Z region 289.4 - 291.6
S		12916	IF2Z				PS2 region 291.6 - 307.1 ✓
S		12934	PS12			7152310	
S		12992	PS12			7122310	
S		13071	PS12			6152310	
		IF0H					

DDH 80-A213 (2 / 8)

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

Logged By: DJH

Sampled By:

Code	From	To	Sample No.	Description		
1	10 14	16 20	22 27	Length	Rec.	Unit
P	1317 2	1318 6	158916	1.4	1.4	4EO
P	1448	1477	158917	2.9	2.9	4EL
P	1477	1490	158918	1.3	1.3	4EØ4
P	1493	1514	158919	2.1	2.1	4EØ4
P	1516	1533	159100	0.7	0.7	4DO
P	1533	1549	159101	1.6	1.6	4AØO
P	1549	1561	159102	1.2	1.2	4EØ4
P	1561	1573	159103	1.2	1.2	4EØ4
P	1573	1582	159104	0.9	0.9	4AO
P	1582	1592	159105	1.0	1.0	4DO
P	1592	1616	159106	2.4	2.4	4EØ4
P	1616	1631	159107	1.5	1.5	4L2
P	1631	1643	159108	1.2	1.2	4L2
P	1/1/58	1/1/71	159109	1.3	1.3	4DL
~~P~~	~~12030~~	~~12035~~		~~0.5~~		~~4EL~~
P	12420	12469	159110	4.9	2.0	4EC
P	12602	12622	159111	2.0	2.0	4E8
P	12720	12736	159112	1.6	1.6	4AO
P	12792	12819	159113	2.7	2.7	4AO
P	12819	12831	159114	1.2	1.2	4L8O

Metres

FAULT

DDH FAGA213 (2 / 8) Cyprus Anvil Mining Corp.

Structural Log

Page _____ of _____

Date: _____ Logged By: _____

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
F	1317.2	1318.6	X1D1?					bxia w/ sulphide frags & matrix minor 4E frags 4EO
F	1418	1421	G1C1?					mud
F	1512.6	1513.3	G1					clay gouge // C.A.
F	1121.9	1135.6	G1F					black gouge
F	1203.5	1206.6	G1P1					gouge & lost core
F	1241.0	1241.3	X1D1?					4EO bxia
F	1216.7	1217.3	X1					light grey frags and bxia
F	1217.2.0	1217.2.9	2G					50% gouge
F	1273.6	1274.7	G1					70% gouge
F	1274.7	1275.1	Q1X1					complex bxia w/ 4EA frags in qtz-$CO_3^=$ matrix
F	1279.2	1281.2	X1D1?					40% bxia

DRILL HOLE	:	FAGA222
NORTHING	:	904,535.0
EASTING	:	592,622.2
ELEVATION	:	1,264.8
TOTAL DEPTH	:	290.2
SECTION	:	W 56
R.F.E.	:	S2
RFE DIRECTION:		230
PLUNGE ANGLE :		11
PLUNGE DIRECT:		312
DHD CALC:		1
SS CALC:		1

DETAIL RECORD COUNTS:

NOS PRE-SAMPLES:	0
NOS DOWN-H-SURVEYS:	6
NOS DOWN-H-LITHOLOGY:	65
NOS DOWN-H-STRUCTURE:	57
NOS DOWN-H-FAULTS:	21
NOS DOWN-H-SPLINES:	6
NOS COMPOSITES:	0

DDH: PAGA222 UTM-N: 904,535.0 UTM-E: 592,622.2 UTM-ELEV: 1,264.8 TOTAL DEPTH: 290.2 SECTION: W 56
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
65.800	175.500	114.500
102.400	176.000	60.000
163.400	172.800	78.000
224.300	169.500	80.000
285.300	168.000	58.000

DDH: RAGA222 UTM-N: 904,535.0 UTM-E: 592,622.2 UTM-ELEV: 1,264.8 TOTAL DEPTH: 290.2 SECTION: A 56
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	INC
58.5	0CC1	#		0.5-	1
59.3	0CC2	3G9		0.5-	1
59.4	0CC3	3G9	GOUGE	0.5-	1
60.8	0CC4	3G9		0.5-	1
60.9	0CC5	3G9	GOUGE	0.5-	1
61.4	0CC6	3G9	(1QQC)	0.5-	1
61.5	0CC7	3G9	GOUGE	0.5-	1
69.5	0CC8	3G9	(5A6)	0.5-	1
69.7	0CC9	5C4*	(5A1)	0.5-	1
69.9	0C10	5A6	(3G9)(5A1&)MINOR	0.5-	1
70.0	0C11	3G9	GOUGE (5A6)	0.5-	1
70.2	0C12	5A6	(3G9)	0.5-	1
77.1	0C13	5A19	[4A0]	0.5-	1
77.6	0C14	4E46#	(4G4) &POROUS	0.5-	1
78.5	0C15	3G9	(5A6)	0.5-	1
79.9	0C16	5D4&@		0.5-	1
84.7	0C17	3G9	(5A6)	0.5-	1
87.6	0C18	5A6	(5D4*) GOUGE	0.5-	1
95.5	0C19	3GC	(5A1)(5A6)	0.5-	1
98.2	0C20	5A6	[3G9]	0.5-	1
115.0	0C21	3GC		0.5-	1
117.6	0C22	3G3	NOT 5B WEAK #	0.5-	1
118.5	0C23	5A3		0.5-	1
121.7	0C24	3G3	WEAK # (5C4) MINOR	0.5-	1
122.5	0C25	3B3	BIO	0.5-	1
123.1	0C26	3GC		0.5-	1
127.1	0C27	5AC	&3	0.5-	1
140.4	0C28	3G39	(3G0)(3B3)V. MINOR AS 23&24	0.5-	1
141.5	0C29	3F9	(3B3 BIO)	0.5-	1
144.0	0C30	3G9	&3	0.5-	1
147.8	0C31	3G39	[5A3]	0.5-	1
147.9	0C32	3G39		0.5-	1
148.0	0C33	3B4#		0.5-	1
151.0	0C34	3GC		0.5-	1
151.2	0C35	3B4#		0.5-	1
155.9	0C36	3GC		0.5-	1
160.8	0C37	3G9		0.5-	1
161.3	0C38	3F9		0.5-	1
161.7	0C39	3G9	&3	0.5-	1
163.0	0C40	3F9	AS UNITS 29 AND 28	0.5-	1
164.7	0C41	3G39		0.5-	1
165.0	0C42	3F9		0.5-	1
169.1	0C43	3G3		0.5-	1
171.3	0C44	3FC	&9	0.5-	1
186.5	0C45	3G39	(3G9)[5A32,3E32]	0.5-	1
187.2	0C46	3F9	(3G39)	0.5-	1
190.7	0C47	3G9	&3 [5A0]	0.5-	1
197.0	0C48	3G9	[5A6]	0.5-	1
204.4	0C49	3GC		0.5-	1
205.1	0C50	3F9		0.5-	1
206.7	0C51	3G9	&3	0.5-	1

DDH: PAGA222 UTM-N: 904,535.0 UTM-E: 592,622.2 UTM-ELEV: 1,264.F TOTAL DEPTH: 290.2 SECTION: 4 56
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	INC
213.2	OC52	3GC	(3G9 83)	C.S-	1
217.1	OC53	3GC	83	C.S-	1
218.5	OC54	3FC	89 [5A3]	C.S-	1
228.5	OC55	3G9	83 [5A 83](5A9 81)MINOR	C.S-	1
229.7	OC56	3G9	[5A6]	C.S-	1
235.9	OC57	3G9	[5A6]	C.S-	1
246.5	OC58	3G9	83 [5A 83]	C.S-	1
248.5	OC59	3G9	83	C.S-	1
249.5	OC60	3C3	"MYLONITE"	C.S-	1
252.3	OC61	3C3		C.S-	1
253.3	OC62	1C4		C.S-	1
255.2	OC63	3834		C.S-	1
280.4	OC64	3FC	(3D3)	C.S-	1
290.2	OC65	1CC1	-> 1CD14	C.S-	1

DDH: FAGA222 UTM-N: 904,535.0 UTM-E: 592,622.2 UTM-ELEV: 1,264.8 TOTAL DEPTH: 290.2 SECTION: 4 56
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC 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
FAGA222	0.0	58.5	CS2	M	0	C	0	C	55	230	C	1	1	1
FAGA222	0.0	61.8	CS2	S	0	C	0	C	55	230	C	1	1	1
FAGA222	0.0	65.0	CS2	Z	0	C	0	C	70	230	C	1	1	1
FAGA222	0.0	70.5	CS2		0	C	0	C	90	230	C	1	1	1
FAGA222	0.0	73.5	CS2	M	0	C	0	C	90	230	C	1	1	1
FAGA222	0.0	76.5	PS2	P	0	C	0	C	85	230	C	1	1	1
FAGA222	0.0	84.0	PS2	P	0	C	0	C	55	230	C	1	1	1
FAGA222	0.0	90.0	PS2	P	0	C	0	C	65	230	C	1	1	1
FAGA222	0.0	94.0	PS2	P	0	C	0	C	70	230	C	1	1	1
FAGA222	0.0	102.0	PS2	P	0	C	0	C	72	230	C	1	1	1
FAGA222	0.0	106.0	PS2	P	0	C	0	C	70	230	C	1	1	1
FAGA222	0.0	111.0	PS2	P	0	C	0	C	75	230	C	1	1	1
FAGA222	0.0	118.0	PS2	P	0	C	0	C	75	230	C	1	1	1
FAGA222	0.0	122.0	PS2	P	0	C	0	C	70	230	C	1	1	1
FAGA222	0.0	126.0	PS2	P	0	C	0	C	60	230	C	1	1	1
FAGA222	0.0	130.0	CS2	D	0	C	0	C	80	230	C	1	1	1
FAGA222	0.0	131.0	CS2	S	0	C	0	C	75	230	C	1	1	1
FAGA222	0.0	133.0	PS2	P	0	C	0	C	80	230	C	1	1	1
FAGA222	0.0	135.5	PS2	P	0	C	0	C	68	230	C	1	1	1
FAGA222	0.0	138.0	CS2	D	0	C	0	C	80	230	C	1	1	1
FAGA222	0.0	141.0	CS2	Z	0	C	0	C	75	230	C	1	1	1
FAGA222	0.0	145.0	PS2	P	0	C	0	C	70	230	C	1	1	1
FAGA222	0.0	151.5	PS2	P	0	C	0	C	90	230	C	1	1	1
FAGA222	0.0	156.0	PS2	P	0	C	0	C	80	230	C	1	1	1
FAGA222	0.0	160.0	PS2	P	0	C	0	C	70	230	C	1	1	1
FAGA222	0.0	164.0	CS2	Z	0	C	0	C	75	230	C	1	1	1
FAGA222	0.0	167.0	CS2	M	0	C	0	C	80	230	C	1	1	1
FAGA222	0.0	170.0	CS2	S	0	C	0	C	80	230	C	1	1	1
FAGA222	0.0	174.5	PS2	P	0	C	0	C	70	230	C	1	1	1
FAGA222	0.0	178.5	PS2	P	0	C	0	C	90	230	C	1	1	1
FAGA222	0.0	181.5	CS2	M	0	C	0	C	75	230	C	1	1	1
FAGA222	0.0	184.0	PS2	P	0	C	0	C	75	230	C	1	1	1
FAGA222	0.0	190.0	PS2	P	0	C	0	C	80	230	C	1	1	1
FAGA222	0.0	194.0	PS2	P	0	C	0	C	90	230	C	1	1	1
FAGA222	0.0	198.5	PS2	P	0	C	0	C	80	230	C	1	1	1
FAGA222	0.0	203.0	PS2	P	0	C	0	C	70	230	C	1	1	1
FAGA222	0.0	206.0	PS2	P	0	C	0	C	75	230	C	1	1	1
FAGA222	0.0	210.0	PS2	P	0	C	0	C	65	230	C	1	1	1
FAGA222	0.0	214.0	PS2	P	0	C	0	C	70	230	C	1	1	1
FAGA222	0.0	217.0	PS2	P	0	C	0	C	40	230	C	1	1	1
FAGA222	0.0	221.0	PS2	P	0	C	0	C	85	230	C	1	1	1
FAGA222	0.0	227.0	CS2	M	0	C	0	C	75	230	C	1	1	1
FAGA222	0.0	230.0	PS2	P	0	C	0	C	65	230	C	1	1	1
FAGA222	0.0	233.0	PS2	P	0	C	0	C	50	230	C	1	1	1
FAGA222	0.0	236.0	PS2	P	0	C	0	C	55	230	C	1	1	1
FAGA222	0.0	241.0	PS2	P	0	C	0	C	74	230	C	1	1	1
FAGA222	0.0	244.0	PS2	P	0	C	0	C	75	230	C	1	1	1
FAGA222	0.0	252.0	PS2	P	0	C	0	C	75	230	C	1	1	1
FAGA222	0.0	257.0	PS2	P	0	C	0	C	55	230	C	1	1	1
FAGA222	0.0	262.0	PS2	P	0	C	0	C	55	230	C	1	1	1
FAGA222	0.0	265.0	PS2	P	0	C	0	C	50	230	C	1	1	1

DDH: FAGA222 UTM-N: 904,535.0 UTM-E: 592,622.2 UTM-ELEV: 1,264.8 TOTAL DEPTH: 290.2 SECTION: 4 56
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	SC ANGLE	SC DIRECT	S1 ANGLE	S1 DIRECT	S2 ANGLE	S2 DIRECT	RFE CDE	DHCC	SDC	PROCESS
FAGA222	0.0	270.0	PS2	P	0	0	0	0	70	230	0	1	1	1
FAGA222	0.0	274.0	PS2	P	0	0	0	0	60	230	0	1	1	1
FAGA222	0.0	277.0	PS2	P	0	0	0	0	70	230	0	1	1	1
FAGA222	0.0	281.0	PS2	P	0	0	0	0	75	230	0	1	1	1
FAGA222	0.0	285.0	PS2	P	0	0	0	0	70	230	0	1	1	1
FAGA222	0.0	290.0	PS2	P	0	0	0	0	65	230	0	1	1	1

DDH: FAGA222 UTM-N: 904,535.0 UTM-E: 592,622.2 UTM-ELEV: 1,264.8 TOTAL DEPTH: 290.2 SECTION: W 50
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
FAGA222	59.3	59.4	G			99	999	C	C	0	0	1
FAGA222	60.3	60.9	G			99	999	C	C	99	999	1
FAGA222	61.4	61.5	G			0	0	99	999	0	0	1
FAGA222	61.5	65.0	B			0	0	C	C	0	0	1
FAGA222	0.0	69.2	1G			0	0	C	C	0	0	1
FAGA222	0.0	69.3	1G			0	0	C	C	0	0	1
FAGA222	65.0	69.5	BP	3		0	0	C	C	0	0	1
FAGA222	69.9	70.0	G			0	0	C	C	0	0	1
FAGA222	0.0	71.7	G			0	0	99	999	0	0	1
FAGA222	74.4	74.5	G			0	0	99	999	0	0	1
FAGA222	79.9	84.7	3B			0	0	C	C	0	0	1
FAGA222	84.7	87.6	G			0	0	C	0	99	999	1
FAGA222	144.0	147.8	XQ			0	0	C	C	0	0	1
FAGA222	147.8	147.9	BS			0	0	99	999	0	0	1
FAGA222	148.0	151.0	BPF	1		0	0	C	C	0	0	1
FAGA222	152.5	154.4	BF			0	0	C	C	0	0	1
FAGA222	228.5	229.7	BGF			0	0	99	999	0	0	1
FAGA222	0.0	235.9	1G			0	0	99	999	0	0	1
FAGA222	246.5	248.5	XQ			0	0	C	C	50	240	1
FAGA222	248.5	249.5	3SF			0	0	C	C	0	0	1
FAGA222	0.0	253.0	BXF			0	0	C	C	0	0	1

DDH: FAGA222 UTM-N: 904,535.0 UTM-E: 592,622.2 UTM-ELEV: 1,264.8 TOTAL DEPTH: 290.2 SECTION: 4 56
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGA222	1	2
FAGA222	2	2
FAGA222	3	2
FAGA222	4	2
FAGA222	5	2
FAGA222	6	1

CYPRUS ANVIL MINING CORPORATION Page 1 of 7

DIAMOND DRILL CORE LOG Date:

Hole Number: FAGA-222 (82-A-222) Reference Fabric Orientation Diagram:

Project: 1982 GRUM DRILL PROGRAM

Location: VANGORDA PLATEAU (105K)

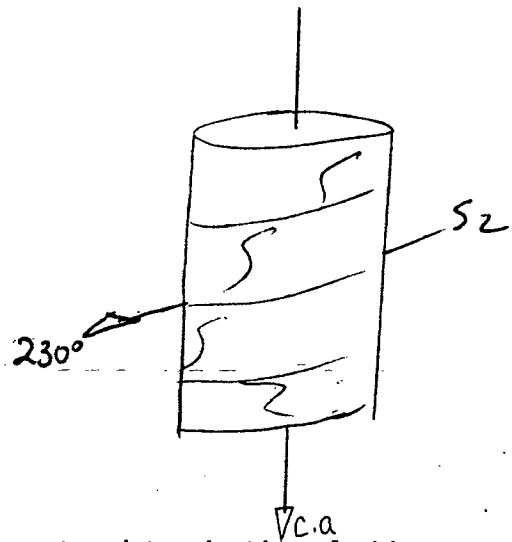
Claim:

~~Terr.Plane~~ NTS Co-ords.: 6904534.952 N

CAMC Mine Survey 592622.179 E

Grid Co-ords: 56W

Baseline 00



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

Elevation: 1264.802m.

Total Depth: 290.2m (952 feet)

Purpose: Test main sulfide horizon / upright panel

Reason hole Terminated: Drilled 100' into 3G

Logged by: Date(s) Logged:

Drilling Contractor: Artic Diamond Drilling Ltd.

Size	CORE From	To
NQ	58.5m	290.2m
		44

Collar Cased and Capped: No

Hole Cemented: No

Steel down hole: No

Started: May 28/82 Completed: May 31/82

Cyprus Anvil Mining Corp. Page 2 of 7

DDH FAGA222 (2–8)

Diamond Drill Core Log Date: _____ Logged By: _____

Code	Drillhole	Elevation	Northing	Easting	Units (feet/metres)	R.F.E.	
	2 8	10 16	17 24	25 32	34 39	41 42	
T	FAGA222	1264.8	9045350.0	5926222.2	metres	SZ	

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
	2 8	10 14	22 26	28 32	34 56
R	FAGA222	000	180.0	090	AT COLLAR
R	FAGA222	658	175.5	114.5	SPERRY SUN SINGLE SHOT
R	FAGA222	1024	176.0	069.0	
R	FAGA222	1634	172.8	078.0	
R	FAGA222	2243	169.5	086.0	
R	FAGA222	2853	168.0	058.0	

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

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

DDH FAGA222 (2 8) Cyprus Anvil Mining Corp. Page 3 of 7

Lithologic Log Date: 11 June Logged By: GAT / DSJ

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	0	58.5		1	#	O/B
L	58.5	59.3		2	3G9	soft non calc mod - dk grey phyllite - good lithons of granular qtz. Tr py along S_2 - 10 cm 5QO near base
L	59.3	59.4		3	3G9	GOUGE upper contact // S_2
L	59.4	60.8		4	3G9	as unit 2
L	60.8	60.9		5	3G9	Gouge; contacts ≈ // S_2
L	60.9	61.4		6	3G9	(OQO)
L	61.4	61.5		7	3G9	Gouge; minor OQO; ≈ // S_2
L	61.5	69.5	50	8	3G9	(5AG); 3m core loss 65.0-69.0; interval broken minor gouge 69.2 and 69.3 ≈ // S_2
L	69.5	69.7		9	5D4*	(5A1)
L	69.7	69.9		10	5AG	(3G9) minor 5A1* ankerite
L	69.9	70.0		11	3G9	Gouge; (5AG);
L	70.0	70.2		12	5AG	(3G9)
L	70.2	77.1		13	5A19	[4AO] v. minor (pyrite) sulfides; 4A v. much like distal facies @ Faro; ≈ 2% sulfs
						Gouge zones: 71.7 // S_2; 74.4-74.5 // S_2
						last meter of interval less siliceous v.c. 5A ± 9
L	77.1	77.6		14	4E4G	(4G4) ± porous @ base, wkly calc ⇒ $CaCO_3$; 8-10% comb. est
L	77.6	78.5		15	3G9	(5AG)
L	78.5	79.9		16	5D4*	dol-ank
L	79.9	84.7		17	3G9	(5AG) core badly broken, local OQ* ank
L	84.7	87.6		18	5AG	Gouge; ± 5D4 gouge; lower contact // S_2 upper contact indeterminate
L	87.6	95.5		19	3G0	(5A1), (5AG)
L	95.5	98.2		20	5AG	[3G9]; minor py veinlets // S_2
L	98.2	115.0		21	3G0	
L	115.0	117.6		22	3G3	patchily & wkly calc.; does not look like 5B — good example of what not to call 5B even though unit is calc.
L	117.6	118.5		23	5A3	
L	118.5	121.2		24	3G3	patchily to mod. calc.; 5 cm. 5D4 @ 118.8 m

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

DDH FAGA222 (2–8) Cyprus Anvil Mining Corp. Page 4 of 7

Lithologic Log Date: 11 June Logged By: GAT/DSJ

Code	From	To	Recov.	No.	Unit	Description
1	10–14	16–20	22–24	26–28	30–34	35
L	1121 7	1122 5		25	5D3	Grolatic ; v. calc. w/ dk. gray carb. laminae
L	1122 5	1123 1		26	3G1	
L	1123 1	1127 1		27	5A0	±3 ; v. wkly & patchily calc. ; not strongly carbonaceous
L	1127 1	1140 4		28	3G3 9	(3G0) ; c.f. units 22 & 24 ; v. minor 383
L	1140 4	1141 5		29	3F9	dk. gray, strongly calc. finely xlline carbonaceous phyllitic limestone ; (383 Grolatic)
L	1141 5	1144 0		30	3G9	±3
L	1144 0	1147 8		31	3G3 9	[5A3] ; bxiated & $CaCO_3$ veined throughout
L	1147 8	1147 9		32	3G3 9	broken core ; 11 S_2 shearing
L	1147 9	1148 0		33	3B4*	calcitic
L	1148 0	1151 0	03	34	3G9	broken core ; mud seam ; 10% rec'y Fault
L	1151 0	1151 2		35	3B4*	calcitic ; (QQ0)
L	1151 2	1155 9		36	3G0	broken core & rubble 152.5–154.4 suspected fault zone
L	1155 9	1160 8		37	3G9	non-calc ; (QQ0*) ; minor po blebs/veinlets 11 S_2
L	1160 8	1161 3		38	3F9	as #29
L	1161 3	1161 7		39	3G9	±3
L	1161 7	1163 0		40	3F9	as 29 & 38
L	1163 0	1164 7		41	3G3 9	
L	1164 7	1165 0		42	3F9	
L	1165 0	1169 1		43	3G3	v. typical granular, lithon texture v. closely confused w/ 5B
L	1169 1	1171 3		44	3F0	±9
L	1171 3	1186 3		45	3G3A	(3G9), [5A32, 3E32] ; consecutively stripped to laminated dk. gray to blk. mas. calc. w/ excell. D_2 microlithon structure (not like 5B) ; consists of alt^n dk. gray to blk carb. laminae which are FS_2 fld & lt. gray, musc + qtz lithons w/ good S, preserving bxs many of which are green (chlor. or act.?) & some are po-rich — very distinctive unit seen beneath Summit Lk. ; $CaCO_3$ in lighter colored layers

C.A.M.C. 1981 – E-3

DDH FAGA222 (2–8) Cyprus Anvil Mining Corp. Page 5 of 7

Lithologic Log Date: 11 June 82 Logged By: GAJ/DSJ

Code	From	To	Recov.	No.	Unit	Description
1	10–14	16–20	22–24	26–28	30–34	35
L	1865	1872		46	3F9	(3G39)
L	1872	1907		47	3GA	±3 [5AO]
L	1907	1970		48	3GA	[5AG] ;
L	1970	2044		49	3G0	
L	2044	2057		50	3F9	
L	2057	2067		51	3G9	±3
L	2067	2132		52	3G0	(3G9±3) slight $CaCO_3$ content in veinlets only
L	2132	2171		53	3G0	±3
L	2171	2185		54	3F0	±9 [5A3]
L	2185	2285		55	3GA	±3 [5A±3]; 223.5 – 227.3 has minor foliaform po & cpy bands ; 227.0 – 227.3 " cpy unit [5A9±1]
L	2285	2297		56	3G9	[5A6] core entirely broken & locally gouged ≈ $11S_2$; fault?
L	2297	2359		57	3G9	[5A6] minor po $11S_2$, sm. gouge $11S_2$ @ 235.9
L	2359	2465		58	3G9	±3 [5A±3]
L	2465	2485		59	3G9	±3 entire unit brecciated & $CaCO_3$ veined ; lower contact is a shallow fault 50°/260 cut by steeper fault 25/250 w/ trans-current slicks raking 20° in fault plane
L	2485	2495		60	3C3	Olive green cataclasite derived from underlying unit
L	2495	2523		61	3C3	brecciated act+calc & brecc+act. schists, var. calc. ; 5C or 5D protolith heavily altered & w/ sericite crack hairline stringers X cutting S_2 ; prom. and. knots ; unit broken & brecciated by fault @ 253m. fault = 35/350
L	2523	2552		62	1D14		
L	2553	2602		63	3B34	H olive green, thinly bandeal, v calc buff alt'd. probable 3B34
L	2602	2804		64	3F0	(3D3)
L	2804	2902		65	1CD1	→ 1CD14 w/ and. mottling & rare bio. porphs & silvery green foliae

C.A.M.C. 1981 – E-3

DDH EAGA222 (2 – 8) Cyprus Anvil Mining Corp. Page 6 of 7

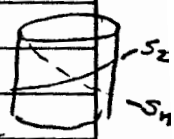
Structural Log Date: 11 June 82 Logged By: GAT/DST

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description	
1	10 14	16 20	22 24	26	28 32	34 38	40 44		
S		158	CS2	M			55 230	M questionable	CS2
S		161	CS2	S			55 230		
S		165	CS2	Z			70 230		
S		170	CS2				90 230	S or Z	
S		173	CS2	M			90 230		
S		176	1 N D	P			85 230		PS2
S		8H	1 N D	P			55 230		
	814	876						Fault – DLD??	
S		910	1 N D	P			65 230		PS2
S		914	1 N D	P			70 230		
S		1012	1 N D	P			72 230		
S		1106	1 N D	P			70 230		
S		1117	1 N D	P			75 230		
S		1118	1 N D	P			75 230		
S		1212	1 N D	P			70 230		
S		1260	1 N D	P			60 230		
S		1300	CS2	D			80 230	Down dip F_2	CS2
S		1311	CS2	S			75 230	$F_1 \equiv Z$ noted	
S		1333	1 N D	P			80 230		
S		1355	1 N D	P			68 230		
S		1380	1 N D	D			80 230		
S		1410	CS2	Z			75 230	local F_2 only in overall PS2	
S		1450	1 N D	P			70 230		PS2
	1417	1555						Fault zones	
S		1511	1 N D	P			90 230		
S		1560	1 N D	P			80 230	CSn ⇒ shallow NE S_2 dip	
S		1600	1 N D	P			70 230		
S		1644	CS2	Z			75 230	local $F_2 = Z$ in overall PS2	
S		1670	CS2	M			80 230		CS2
S		1710	CS2	S			80 230	local $F_2 = S$ " "	"
S		1744	1 N D	P			70 230		PS2
S		1788	1 N D	P			90 230		
S		1811	CS2	M			75 230	M questionable	CS2
S		1840	1 N D	P			75 230	CSn ⇒ shallow NE S_2 dip	
S		1900	1 N D	P			80 230		PS2
S		1940	1 N D	P			90 230		

DDH EAGA 222 (2 / 8) Cyprus Anvil Mining Corp. Page 7 of 7

Structural Log Date: 12 June Logged By: GAT/DSJ

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		1985	1,N,D	P			80 230	Strong CS_n devel. ⇒
								shallow NE S_2 dips
								assuming SW dip to S_n
S		2030	1,N,D	P			70 230	
S		2060	1,N,D	P			75 230	
S		2100	1,N,D	P			65 230	
S		2140	1,N,D	P			70 230	CS_n ⇒ NE S_2 dip
S		2170	1,N,D	P			40 230	Steepening may be due
								to down dip drag along
								gravity slide ??
S		2211	1,N,D	P			85 230	local $CS_2 \equiv M$ @ 220m.
S		2270	CS,2,M				75 230	CS_n ⇒ NE S_2 dip; local M
								⇒ by F_2 S & Z
S		2310	1,N,D	P			65 230	
S		2330	1,N,D	P			50 230	
S		2390	1,N,D	P			55 230	
S		2441	1,N,D	P			74 230	
S		2440	1,N,D	P			75 230	
	2478	2489						Fault; 50°/240 and
								25°/250; CS_n ⇒ NE S_2
								dips
S		2520	1,N,D	P			75 230	
S		2570	1,N,D	P			55 230	
S		2620	1,N,D	P			55 230	
S		2650	1,N,D	P			50 230	
S		2700	1,N,D	P			70 230	
S		2740	1,N,D	P			60 230	
S		2770	1,N,D	P			70 230	strong boudinage in 3F
S		2810	1,N,D	P			75 230	
S		2850	1,N,D	P			70 230	
S		2900	1,N,D	P			65 230	



DDH FAGA222 (2 / 8) Cyprus Anvil Mining Corp. Page ____ of ____

Structural Log (for A) Date: ____ Logged By: ____

meters

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	593	594	G		999999			
F	603	609	G		999999		999999	
F	614	615	G			999999		
F	615	650	B					
F	650	695	BP	3				
F		692	G					
F		693	G					
F	699	700	G					
F		717	G			999999		
F	744	745	G			999999		
F	799	847	BS					
F	847	876	G				999999	
F	144	1478	XQ					
F	1478	1479	BS			999999		
F	1480	1510	BPF	1				
F	1525	1544	BF					
F	2285	2397	BGF			999999		
F		2359	G			999999		
F	2465	2485	XQ				502410	
F	2485	2485	BSF					
F		2530	BXF					

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

DDH: FAGA222 -- 132 DEGREE PROFILE

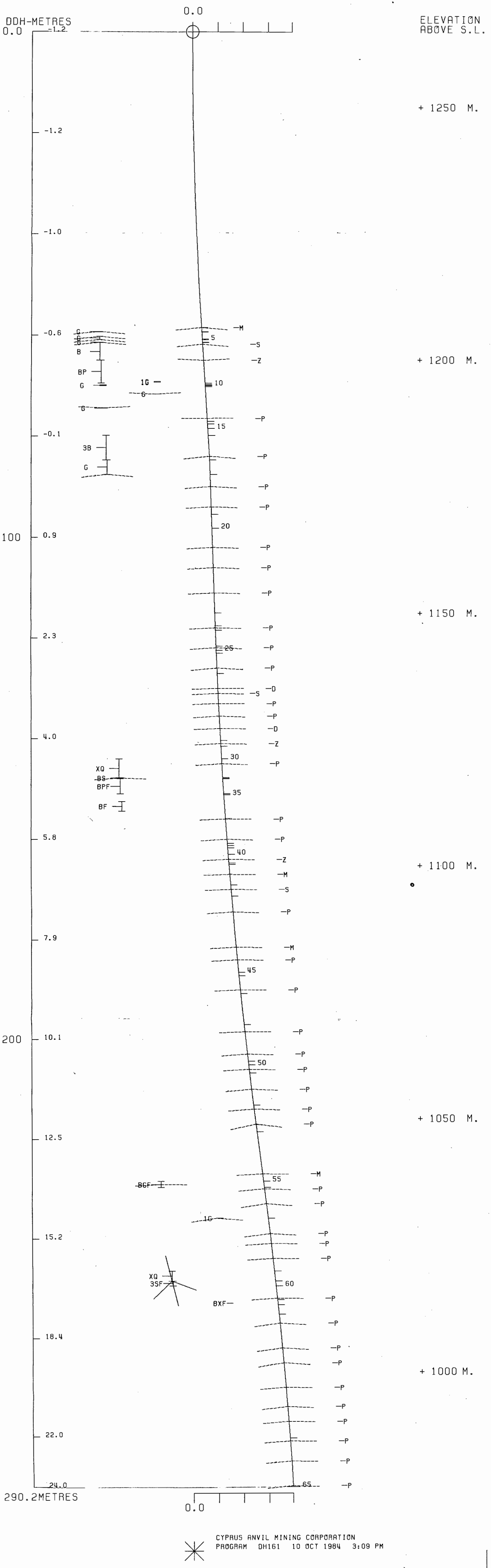
(VIEW AZIMUTH = 42 DEGREES)

ELEV: 1265 592622E ; 904535N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 1000.3 Z = 1264.8

SECTION NAME: 00N



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 10 OCT 1984 3:09 PM

DDH: FAGA222 -- 132 DEGREE PROFILE

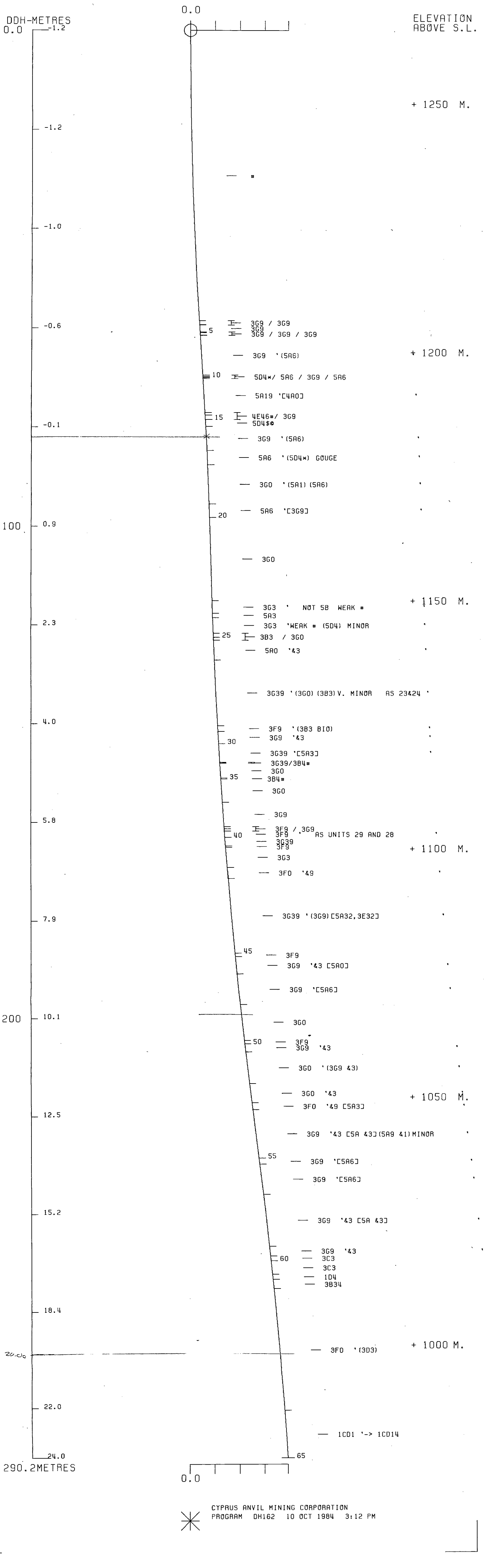
(VIEW AZIMUTH = 42 DEGREES)

ELEV: 1265 592622E ; 904535N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 1000.3 Z = 1264.8

SECTION NAME: 00N



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 10 OCT 1984 3:12 PM

DRILL HOLE : FAGA223
NORTHING : 904,512.6
EASTING : 592,601.9
ELEVATION : 1,263.8
TOTAL DEPTH : 262.3
SECTION : W 56
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS PRE-SAMPLES:	0
NOS DOWN-H-SURVEYS:	6
NOS DOWN-H-LITHOLOGY:	46
NOS DOWN-H-STRUCTURE:	39
NOS DOWN-H-FAULTS:	24
NOS DOWN-H-SPLINES:	6
NOS COMPOSITES:	0

DDH: FAGA223 UTM-N: 904,512.6 UTM-E: 592,601.9 UTM-ELEV: 1,263.8 TOTAL DEPTH: 262.3 SECTION: W 56
RFE: S2 RFE DIR: 030 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
53.000	177.500	24.000
74.400	175.500	64.000
135.300	173.000	48.000
196.300	171.000	68.000
257.300	166.500	46.000

DDH: PAGA223 UTM-N: 904,512.6 UTM-E: 592,601.9 UTM-ELEV: 1,263.8 TOTAL DEPTH: 262.3 SECTION: A 56
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	INC
49.1	OCC1	#		C.5-	1
50.9	OCC2	5E3	(5C4)MINOR	C.5-	1
52.0	OCC3	5EC		C.5-	1
57.8	OCC4	5EC		C.5-	1
61.2	OCC5	5E33	[5E0]	C.5-	1
69.9	OCC6	58C		C.5-	1
80.2	OCC7	5BC6		C.5-	1
89.9	OCC8	3GC	&9 [5B6 &2]	C.5-	1
91.4	OCC9	5EC		C.5-	1
94.5	OC10	5E3		C.5-	1
96.0	OC11	58&		C.5-	1
97.3	OC12	5EC	&2	C.5-	1
97.9	OC13	5FC	BEDDED TUFFS ?	C.5-	1
102.1	OC14	5A6	(4E# &6) (5D4*)	C.5-	1
104.5	OC15	3GC	&9 (3G9)	C.5-	1
106.3	OC16	3G9	&3	C.5-	1
123.1	OC17	3GC	[5B6]	C.5-	1
125.2	OC18	3G93	[5A0] BORDERLINE	C.5-	1
128.6	OC19	3GC		C.5-	1
129.6	OC20	3G9	&3 [5A6]	C.5-	1
130.9	OC21	3GC	&9 (3G9)	C.5-	1
133.9	OC22	3G9	[5A0] ??	C.5-	1
140.8	OC23	3G9	&3 [5B62 &3]	C.5-	1
153.8	OC24	5AC	(5E2)	C.5-	1
161.8	OC25	3G3	ACT 58 -WEAK "C.S."	C.5-	1
164.7	OC26	5AC		C.5-	1
165.8	OC27	5AC		C.5-	1
168.4	OC28	3G93	CHL OR ACT "C.S." IN # BANDS	C.5-	1
168.6	OC29	3G93	GOUGE	C.5-	1
169.4	OC30	3G93	AS UNIT 28	C.5-	1
176.8	OC31	5E2	[3F9]	C.5-	1
187.7	OC32	5AC	-> 5A19 PC PY	C.5-	1
188.3	OC33	5A0	(5D0)	C.5-	1
193.7	OC34	5AC		C.5-	1
206.0	OC35	3G9	&3 MINOR"C.S." AS UNIT 25	C.5-	1
209.7	OC36	5AC	&3 "C.S."	C.5-	1
217.3	OC37	3G9	&3 WEAK "C.S."	C.5-	1
218.4	OC38	5AC		C.5-	1
228.5	OC39	3G9	&3 "C.S."	C.5-	1
233.0	OC40	5E2	[5A333...] [3F9]	C.5-	1
255.7	OC41	5AC	(5A6)(5D6) MINOR	C.5-	1
256.4	OC42	3G4	-> 1CC BIO. ->CHL.	C.5-	1
256.6	OC43	3C13	? ROCK SHEARED	C.5-	1
258.5	OC44	3FC	(3D13)	C.5-	1
260.4	OC45	3C1	&3 [3B3]	C.5-	1
262.4	OC46	3FC	(3D1) AS UNIT 44	C.5-	1

DDH: FAGA223 UTM-N: 904,512.6 UTM-E: 592,601.9 UTM-ELEV: 1,263.8 TOTAL DEPTH: 262.3 SECTION: W 56
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	S0 DIRECT	S1 ANGLE	S1 DIRECT	S2 ANGLE	S2 DIRECT	RFE CDE	DHCC	SDC	PROCESS
FAGA223	0.0	49.4	CS2		0	0	0	0	55	230	0	1	1	1
FAGA223	0.0	57.2	CS2		0	0	0	0	70	230	0	1	1	1
FAGA223	0.0	63.5	CS2		0	0	0	0	65	230	0	1	1	1
FAGA223	0.0	68.6	CS2		0	0	0	0	70	230	0	1	1	1
FAGA223	0.0	77.6	CS2		0	0	0	0	68	230	0	1	1	1
FAGA223	0.0	81.9	PS2	P	0	0	0	0	60	230	0	1	1	1
FAGA223	0.0	87.4	PS2	P	0	0	0	0	50	230	0	1	1	1
FAGA223	0.0	92.9	PS2	P	0	0	0	0	70	230	0	1	1	1
FAGA223	0.0	98.7	PS2	P	0	0	0	0	65	230	0	1	1	1
FAGA223	0.0	104.2	PS2	P	0	0	0	0	70	230	0	1	1	1
FAGA223	0.0	110.6	PS2	P	0	0	0	0	60	230	0	1	1	1
FAGA223	0.0	116.4	PS2	P	0	0	0	0	74	230	0	1	1	1
FAGA223	0.0	121.8	PS2	P	0	0	0	0	70	230	0	1	1	1
FAGA223	0.0	127.7	PS2	P	0	0	0	0	68	230	0	1	1	1
FAGA223	0.0	132.2	PS2	P	0	0	0	0	85	230	0	1	1	1
FAGA223	0.0	139.3	PS2	P	0	0	0	0	77	230	0	1	1	1
FAGA223	0.0	145.4	PS2	P	0	0	0	0	80	230	0	1	1	1
FAGA223	0.0	151.7	PS2	P	0	0	0	0	85	230	0	1	1	1
FAGA223	0.0	157.5	PS2	P	0	0	0	0	78	230	0	1	1	1
FAGA223	0.0	163.5	PS2	P	0	0	0	0	55	230	0	1	1	1
FAGA223	0.0	165.9	PS2	P	0	0	0	0	65	230	0	1	1	1
FAGA223	0.0	172.5	PS2	P	0	0	0	0	75	230	0	1	1	1
FAGA223	0.0	178.6	PS2	P	0	0	0	0	75	230	0	1	1	1
FAGA223	0.0	184.7	PS2	P	0	0	0	0	85	230	0	1	1	1
FAGA223	0.0	191.2	PS2	P	0	0	0	0	78	230	0	1	1	1
FAGA223	0.0	197.1	PS2	P	0	0	0	0	83	230	0	1	1	1
FAGA223	0.0	200.5	PS2	P	0	0	0	0	78	230	0	1	1	1
FAGA223	0.0	206.5	PS2	P	0	0	0	0	80	230	0	1	1	1
FAGA223	0.0	212.2	PS2	P	0	0	0	0	80	230	0	1	1	1
FAGA223	0.0	217.6	PS2	P	0	0	0	0	70	230	0	1	1	1
FAGA223	0.0	227.3	PS2	P	0	0	0	0	70	230	0	1	1	1
FAGA223	0.0	233.2	PS2	P	0	0	0	0	70	230	0	1	1	1
FAGA223	0.0	234.0	PS2	P	0	0	0	0	60	230	0	1	1	1
FAGA223	0.0	241.4	PS2	P	0	0	0	0	70	230	0	1	1	1
FAGA223	0.0	244.0	PS2	P	0	0	0	0	64	230	0	1	1	1
FAGA223	0.0	249.3	PS2	P	0	0	0	0	80	230	0	1	1	1
FAGA223	0.0	253.6	PS2	P	0	0	0	0	80	230	0	1	1	1
FAGA223	0.0	257.7	PS2	P	0	0	0	0	75	230	0	1	1	1
FAGA223	0.0	262.0	PS2	P	0	0	0	0	75	230	0	1	1	1

DDH: FAGA223 UTM-N: 9C4,512.6 UTM-E: 592,6C1.9 UTM-ELEV: 1,2e3.9 TOTAL DEPTH: 262.3 SECTION: 4 56
RFE: S2 RFE DIP: 22C PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT REC CD	PARLL	UPPER PLANE		INTERNAL PLANE		LOWER PLANE		DHC
FAGA223	49.1	49.7	1G		C	0	C	C	99	999	1
FAGA223	53.4	53.7	1G		C	0	C	C	0	0	1
FAGA223	54.4	54.6	1G		C	0	C	C	0	0	1
FAGA223	55.8	56.3	G		C	0	C	C	0	0	1
FAGA223	70.8	71.3	BG		C	0	C	C	0	0	1
FAGA223	77.5	79.5	1S		0	0	C	C	0	0	1
FAGA223	75.C	8C.2	B1G		0	0	C	C	0	0	1
FAGA223	80.2	81.2	S		C	0	99	999	0	0	1
FAGA223	0.C	81.3	G		C	0	C	C	0	0	1
FAGA223	94.4	94.5	G		C	0	99	999	C	0	1
FAGA223	95.9	96.C	G		0	0	99	999	0	0	1
FAGA223	96.C	97.3	S		C	0	99	999	0	0	1
FAGA223	97.9	1C2.1	G3F		0	0	99	999	0	0	1
FAGA223	0.C	103.8	G		C	0	35	C	0	0	1
FAGA223	118.C	118.6	G		C	0	3C	27C	0	C	1
FAGA223	121.1	121.3	G		0	0	C	C	0	0	1
FAGA223	161.8	164.7	BG		C	0	C	C	0	0	1
FAGA223	164.7	165.8	F?		C	0	C	C	0	0	1
FAGA223	168.4	168.6	G		C	0	2C	3C	0	0	1
FAGA223	0.C	22C.8	G		C	0	99	999	0	0	1
FAGA223	0.C	224.8	G		0	0	99	999	0	0	1
FAGA223	252.C	252.7	G		C	0	99	999	0	0	1
FAGA223	252.7	255.7	S3F		0	0	C	C	0	0	1
FAGA223	256.4	256.8	S		0	0	C	C	0	0	1

DDH: FAGA223 UTM-N: 904,512.6 UTM-E: 592,601.9 UTM-ELEV: 1,283.8 TOTAL DEPTH: 262.3 SECTION: 4 56
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGA223	1	2
FAGA223	2	2
FAGA223	3	2
FAGA223	4	2
FAGA223	5	2
FAGA223	6	1

**THIS REPORT WAS REQUESTED BY: LEEP .GEOLOGY AT: 16:39:38

CYPRUS ANVIL MINING CORPORATION

Page 1 of 7

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: FACA-223 (82A-223)

Project: 1982 GRUM DRILL PROGRAM

Location: VANGORDA PLATEAU

Claim: Group 5

NTS ~~Terr.Plane~~ Co-ords.: 6904512.565 N

CAMC Mine Survey 592601.912 E

Grid Co-ords: 56W

1S

Elevation: 1263.792

Total Depth: _____

Purpose: To test presence of HOR.2 ore

Reason hole Terminated: Below possible ore depth through 3D3/1F unit into 1C/3G

Logged by: _____ Date(s) Logged: _____

Drilling Contractor: Arctic Diamond Drilling

Hole Cemented: No

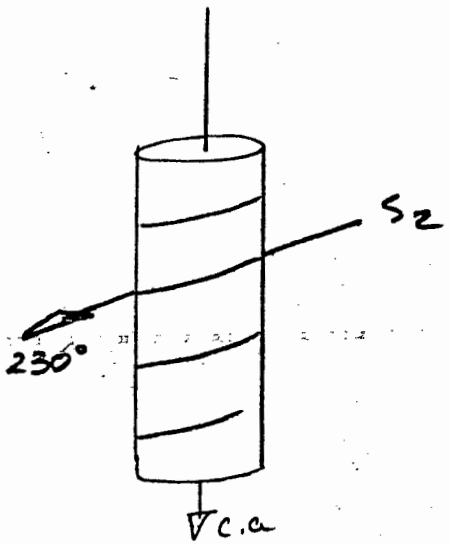
Steel down hole: No

Size	CORE From	To
NQ		
		44

Collar Cased and Capped: ____

Started: June 1/82 Completed: June 5/82

Reference Fabric Orientation Diagram:



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

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

72°

Cyprus Anvil Mining Corp.

DDH FAGA223 (2 … 8)

Diamond Drill Core Log Date: _____ Logged By: _____

Code	Drillhole	Elevation	Northing	Easting	Units (feet/metres)	R.F.E.	
1	2 … 8	10 … 16	17 … 24	25 … 32	34 … 39	41 42	
T	FAGA223	11263.8	9045120.6	592601.9	metres	S2	

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2 … 8	10 … 14	22 … 26	28 … 32	34 … 56
R	FAGA223	0	180.0	0.0	AT COLLAR
R	FAGA223	530	177.5	024.0	SPERRY SUN SINGLE SHOT
R	FAGA223	744	175.5	964.0	
R	FAGA223	1353	173.0	948.0	
R	FAGA223	1963	171.0	068.0	
R	FAGA223	2573	166.5	046.0	

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

DDH FAGA223 (2–8) Cyprus Anvil Mining Corp. Page 3 of 7

Lithologic Log Date: 20 June 82 Logged By: GAJ/DSJ

Code	From	To	Recov.	No.	Unit	Description
1	10–14	16–20	22–24	26–28	30–34	35
L	100	149		1	#	O/B
L	149	150		2	5B*	dol. (5D4 minor); incip. gouge 49.1-49.7 X cutting S_2 lower 11 S_2
L	150	152		3	5DO	
L	152	157		4	5B9	incipient gouge ≈ 11 S_2 53.4-53.7; 54.4-54.6
L	157	161		5	5B33	v. calc 5B to phyll. marble
L	161	169		6	5BO	55.8-56.3 gouged interval steeper than S_2 but specifically indeterminate
L	169	180		7	5B*	ankerite + calcite only 15% of core fizzes in 10% HCl; sects. of core v. lt. gray fizz only slightly perceptible in 10% ⇒ ankerite; interval has ankerite filled vert. tension gashes; some gashes stepwise offset along S_2 some not ⇒ multiple generations; unit bottomed by fault w/ few tension gashes below; dol. broken 70.8-71.3 w/ gouge – indeterminate; below 75.0 core broken & gouged (sub ⊥??); @ 77.1 core = 5D4* minor fuchsite; core v. ltly sheared below 77.5-79.5
L	180	189		8	36O	±9 [5B6±2]; 80.2-81.2 sheared 11 S_2 & v. carb.; gouge 81.3 indeter.
L	189	191		9	5DO	
L	191	194		10	5B3	94.4-94.5 gouged 11 S_2
L	194	196		11	5B*	ank.; 95.9-96.0 gouge 11 S_2
L	196	197		12	5B9	±2 sheared ≈ 11 S_2
L	197	197		13	5FO	strongly cobbled tuffs
L	197	202		14	5A6	(4E* calc.±G) (5D4* talcose) fault gouge & brcia of sulfs & tuffs prob. DLDZ? 60% graph. gouge, 30% sulfs, 10% tuffs & phyll. — horizon (smeared out along DLDZ; sulf. frags <1mm – .3m
L	202	204		15	36O	±9 (369); gouge 103.8 35°/00
L	204	206		16	369	±3 not carb. enough to be 5A
L	206	223		17	36O	[5B6]; 118.0-118.6 gouge 30°/270 °° X cuts S_2; indeter 11 121.1-121.3

DDH EAGA223 (2–8) Cyprus Anvil Mining Corp. Page 4 of 7

Lithologic Log Date: 20 June 82 Logged By: GAT/DSJ

Code	From	To	Recov.	No.	Unit	Description
1	10–14	16–20	22–24	26–28	30–34	35
L	1123 7	1125 2		18	3G93	[5AO]; dker than last 3G93 but marginal for 5A borderline case
L	1252	1286		19	3GA	
L	1286	1296		20	3G91	±3 [5AO] as #18 } no gouge
L	1296	1309		21	3G10	±9 (3G9) }
L	1309	1339		22	3GA1	[5AO] dker than above 3G9 unit's v. minor interleaved 5A2 "sooty"
L	1339	14108		23	3GA1	±3 [5B62±3]
L	14108	15138		24	5A01	(5E2); local graded clastic bs. layers no tops; " So ≈ ⊥ i.e. thin unit; minor 5D3 ← 5A33 previously
L	15138	16188		25	3G93	homo. m. gray, poss. S_2 fol^n. phyll. that is wkly calc. Lacking lithos struct. ie not like 5B0; locally interlanded w/ 3B3 "tuffs" — NOT 5B
L	16188	16477		26	5A01	core broken w/ indeter. gouges w/ sub-⊥ tension gashes
L	16477	16588		27	5A01	fault, $CaCO_3$ healed; fault sub-⊥ or "fat" tension gash
L	16588	16844		28	3G93	m. to m. dk. gray w/ distinct. lt. gray mottling due to qtz-CO_3 micro-lithon structs; recrenulated of calc-s. bearing layers w/o cleno-amph. or chlor.; orig. lam. banded qtz-CO_3 pelites not bio-turbated too
L	16844	16866		29	3G93	fault gouge 20°/30
L	16866	16944		30	3GA3	c.f. #28 darker
L	16944	17688		31	5E2	Black phyllitic limestone c.f. #24 (5D3 ± bio); 5E2/5A sequence ⇒ anoxic "dead" bc
L	17688	18777		32	5A01	not siliceous overall but containing thin s.l. po+py containing layers ⇒ 5AG
L	18777	18883		33	5A01	(5D0) thinly interlanded graded tuff beds in 5A; no tops poss.
L	18883	19377		34	5A01	as #32; po in more siliceous lams. / tuff band w/ sharp lower, diffuse upper contact
L	19377	20600		35	3G91	±3 alucheus but not well devel. ⇒ ducks but as unit #25 — minor calc. s.l. bands

C.A.M.C. 1981 – E-3

DDH FAGA223 (2 8) Cyprus Anvil Mining Corp. Page 5 of 7

Lithologic Log Date: 20 June 82 Logged By: GAT/DSJ

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	2060	2097		36	5AO	±3 wkly "calc-silicated" ; calc-silicate laminae better devel'd here than in units 25 & 35 ; "calc-sil" forming reactions may be governed by X_{CO_2} - X_{H_2O} causing variable time/loc. of appearance ; get overall impression look is thru M region or down a limb giving exaggerated thicknesses of units
L	2097	2173		37	3G9	±3 w/ "calc-silicate" bands ; 213.9-214.1 striped green 5D like tuffs ± bio grading up & downhole into gray, meso-bandwaged pelites i.e. tuff-pebble interbanding
L	2173	2184		38	5AO	
L	2184	2285		39	3G9	±3 calc-silicated laminae as 25, 35, 36 gouge @ 220.8, 224.8 // S_2 ; green layers wkly deboudinaged.
L	2285	2330		40	5E2	[5A33333] black, lam. banded phyll. ls. as 31, 24
L	2330	2557		41	5AO	(5A6) becomes progressively less calc. from top 2m of unit ; v. minor tuffaceous bands (5DC) ; " " polyg blebs // S_2 ; limb or M region ; lt. gn. calc. interbands (fg-mucs) gen. wkly "striped" appearance ; 252.0-252.7 gouge // S_2 heavily slickened S_2 ≈ downdip below gouge core sheared w/ slickened S_2 c.f. above & below Make Believe Fault
L	2557	2564		42	3GH	trans ⟹ ICD retrograde calcar. due to MB Fault ;
L	2564	2568		43	3D13	sheared
L	2568	2585		44	3F0	(3D13)
L	2585	2604		45	3D1	±3 [3B3]
L	2604	2624		46	3F0	(3D1) as # 44

DDH EAGA223 (2 8) Cyprus Anvil Mining Corp. Page 6 of 7

Structural Log (Date: 20 June 82 Logged By: GAT/DST)

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct		Description
1	10 14	16 20	22 24	26	28 32	34 38	40	44	
S		149	CS12				55	2310	
S		157	CS12				70		
S		163	CS12				65		
S		168	CS12				70		
S		177	CS12				68		
S		181	IWD	P			60		
S		187	IWD	P			50		
S		192	IWD	P			70		
S		198	IWD	P			65		sheared $\perp$ to S_2
S		1104	IWD	P			70		
S		1110	IWD	P			60		
S		1116	IWD	P			74		
S		1121	IWD	P			70		
S		1127	IWD	P			68		
S		1132	IWD	P			85		
S		1139	IWD	P			77		
S		1145	IWD	P			80		
S		1151	IWD	P			85		
S		1157	IWD	P			78		
S		1163	IWD	P			55		
S		1165	IWD	P			65		
S		1172	IWD	P			75		
S		1178	IWD	P			75		
S		1184	IWD	P			85		
S		1191	IWD	P			78		
S		1197	IWD	P			83		
S		1200	IWD	P			78		
S		1206	IWD	P			80		
S		1212	IWD	P			80		
S		1217	IWD	P			70		
S		1233	IWD	P			70		
S		1227	IWD	P			70		
S		1234	IWD	P			60		
S		1241	IWD	P			70		
S		1244	IWD	P			64		
S		1249	IWD	P			80		

DDH EAGA223 (2 8) Cyprus Anvil Mining Corp. Page 7 of 7

Structural Log Date: 20 June 82 Logged By: GAT/DSJ

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
S		1253	IND	P			80 2310	
S		1257	IND	P			75	
S		1262	IND	P			75	

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

DDH FAGA223 (2 / M / 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	
(1)	1491	1497	1G				9999	
	1534	1537	1G					
	1544	1546	1G					
	1558	1563	G					
	1708	1713	BG					
	1750	1802	B1G					
	1725	1795	1S1					
	1802	1812	S			9999		
		1813	G					
	1944	1945	G			9999		
	1959	1960	G			9999		
	1960	1973	S			9999		
	1979	1021	G3F			9990		
		1038	G			3500		
	1780	1186	G			3102710		
	1211	1213	G					
	1618	1647	BG					
	1647	1658	F?					
	1684	1688	G			2030		
		2208	G			9999		
		2248	G			9999		
	2520	2527	G			9999		
am: 252.7	2527	2557	S3F					
	2564	2568	S					

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

DDH: FAGA223 -- 132 DEGREE PROFILE

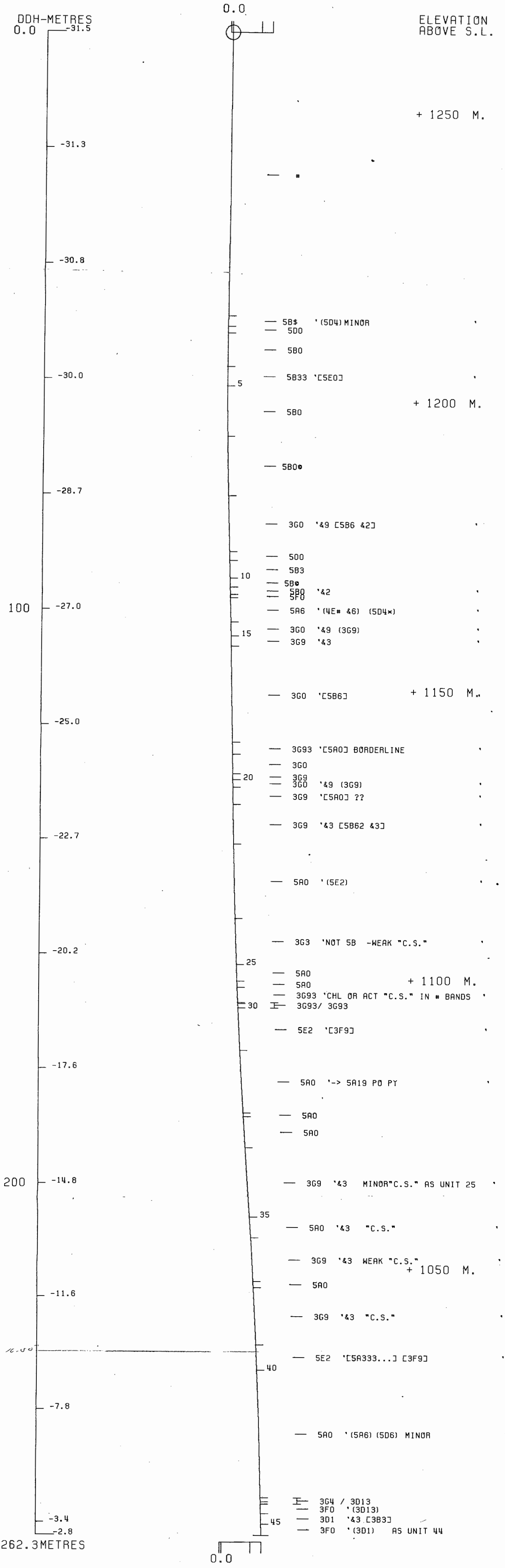
(VIEW AZIMUTH = 42 DEGREES)

ELEV: 1264 592602E ; 904513N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 1000.4 Z = 1263.8

SECTION NAME: 00N



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 11 OCT 1984 2:15 PM

DDH: FAGA223 -- 132 DEGREE PROFILE

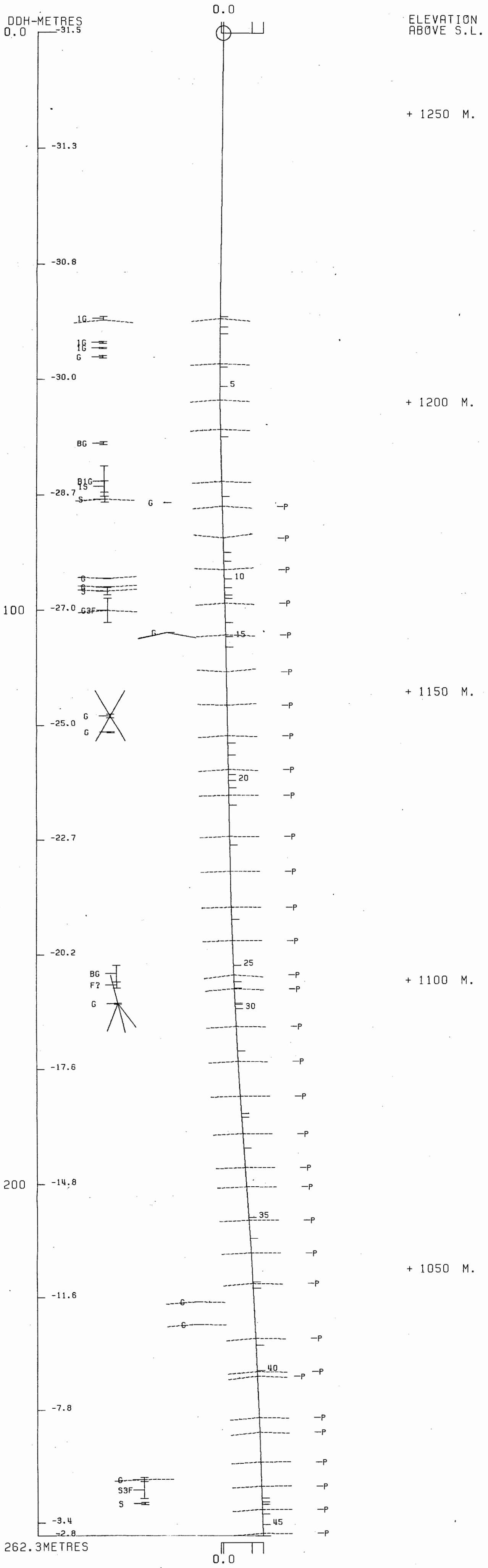
(VIEW AZIMUTH = 42 DEGREES)

ELEV: 1264 592602E ; 904513N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 1000.4 Z = 1263.8

SECTION NAME: 00N



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 11 OCT 1984 2:12 PM

FAGA224

DDH	SAMPLE	----DEPTHS--- FROM	TO	INT M	REC %	ROCK UNIT	S.G.	CU %	PB %	ZN %	AG G/MT	AU G/MT	PO %	PY %	BAC %	PB+ZN %	PC+PY %	ZN RATIO
FA8A224	12490	124.9	125.8	.9	100	4A1		.06	.26	.50	8.0					.76		.66
	12491	125.8	126.7	.9	100	4EC*		.16	.92	.96	22.0					1.88		.51
	12492	137.8	138.6	.8	97	4A0		.19	.45	.32	11.0					.77		.42

DDH	SAMPLE	ROCK UNIT	NORMATIVE MINERALS - WEIGHT % CPY	GA	SP	PO	PY	BAR	OTHER	*	NORMATIVE MINERALS - VOLUME % CPY	GA	SP	PO	PY	BAR	OTHER
FAGA224	12490	4A1	.17	.30	.75				98.78	*							
	12491	4E0*	.46	1.06	1.43				97.04	*							
	12492	4AC	.55	.52	.48				98.45	*							

DRILL HOLE : FAGA224

NORTHING : 904,552.6

EASTING : 592,557.6

ELEVATION : 1,264.0

TOTAL DEPTH : 215.5

SECTION : W 58

R.F.E. : S2

RFE DIRECTION: 230

PLUNGE ANGLE : 11

PLUNGE DIRECT: 312

DHD CALC: 1

SS CALC: 1

DETAIL RECORD COUNTS:

NOS PRE-SAMPLES: 3

NOS DOWN-H-SURVEYS: 6

NOS DOWN-H-LITHOLOGY: 39

NOS DOWN-H-STRUCTURE: 34

NOS DOWN-H-FAULTS: 25

NOS DOWN-H-SPLINES: 6

NOS COMPOSITES: 0

DDH: FAGA224 UTM-N: 904,552.6 UTM-E: 592,557.6 UTM-ELEV: 1,264.0 TOTAL DEPTH: 215.5 SECTION: W 58
RFE: S2 RFE DIR: 23C 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	AL(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
124.9	125.8	12490	.9	.9	4A1		.06	.26	.50	8.00											
125.8	126.7	12491	.9	.9	4E0*		.16	.92	.96	22.00											
137.8	138.6	12492	.8	.7	4A0		.19	.45	.32	11.00											
WEIGHTED AVERAGE																					
124.9	126.7		1.8	1.8			.11	.59	.73	15.00											
137.8	138.6		.8	.7			.19	.45	.32	11.00											

DDH: FAGA224 UTM-N: 904,552.6 UTM-E: 592,557.6 UTM-ELEV: 1,204.0 TOTAL DEPTH: 215.5 SECTION: N 56
RFE: 52 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	161.000	45.000
37.200	161.000	43.000
51.800	161.000	54.000
88.400	162.000	61.000
149.300	162.000	59.000
210.300	162.000	41.000

DDH: FAGA224 UTM-N: 904,552.6 UTM-E: 592,557.6 UTM-ELEV: 1,264.0 TOTAL DEPTH: 215.5 SECTION: W 50
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	INC
49.0	0001	*		0.5-	1
55.9	0002	5B3	(5B83) GOUGE	0.5-	1
66.5	0003	5B83		0.5-	1
67.9	0004	5A6	(588)	0.5-	1
70.3	0005	5B83	(10QC)	0.5-	1
75.3	0006	588	GOUGE	0.5-	1
77.0	0007	5B84	&3 WEAK #	0.5-	1
78.3	0008	582	&3 V. WEAK,#	0.5-	1
88.0	0009	5A6		0.5-	1
97.8	0010	5A6	(10QQ)(5D1)	0.5-	1
98.3	0011	4EC	BXA (4E4,5A,10QQ)	0.5-	1
104.6	0012	3G9	[5B62]	0.5-	1
109.8	0013	3G9	[5B62]	0.5-	1
112.9	0014	3G9	[5B62](10QQ)	0.5-	1
115.0	0015	5D4$	(10QC)	0.5-	1
120.9	0016	5E$3		0.5-	1
124.9	0017	583	&2 (5D4)	0.5-	1
125.8	0018	4A1	BXA (5A$)	0.5-	1
126.7	0019	4EC*	&1 BXA (4AQ)(4L$)	0.5-	1
130.1	0020	5A6		0.5-	1
133.2	0021	4D5	(5B6)(5B32)	0.5-	1
137.8	0022	4L1	(10QC)	0.5-	1
138.6	0023	4AC	&1 (4E0) BXA	0.5-	1
141.5	0024	5B6	(5D4*)	0.5-	1
145.6	0025	3GC		0.5-	1
148.5	0026	3G9	&3	0.5-	1
152.3	0027	3G3	[5B6 &3] (3B3 BIC)	0.5-	1
154.4	0028	5A3		0.5-	1
170.7	0029	3GC	&3 BI+CH+PC BANDS "CS" [3GSTR]	0.5-	1
173.2	0030	5A6	&3 &9 PC	0.5-	1
184.8	0031	5A3	-> 3F9	0.5-	1
191.0	0032	5A61	THIN SIO2 BANDS	0.5-	1
191.8	0033	5A6	&3	0.5-	1
192.0	0034	5A3	&6 GOUGE WITH 4A AND 4E FRAGS.	0.5-	1
195.0	0035	5A61		0.5-	1
200.3	0036	5A61	&3 (4A0->5A19) LOCAL	0.5-	1
203.3	0037	5A6	(5D4#)	0.5-	1
206.2	0038	5A6	GOUGE	0.5-	1
215.5	0039	5A61		0.5-	1

DDH: FAGA224 UTM-N: 904,552.6 UTM-E: 592,557.6 UTM-ELEV: 1,264.0 TOTAL DEPTH: 215.5 SECTION: K 58
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT SYMTRY	SC ANGLE	DIRECT	S1 ANGLE	DIRECT	S2 ANGLE	DIRECT	RFE CDE	DHCC	SCC	PROCESS
FAGA224	0.0	49.2	CS2	C	C	C	C	77	230	C	1	1	1
FAGA224	0.0	54.0	CS2	C	C	C	C	75	230	C	1	1	1
FAGA224	0.0	59.3	CS2	C	C	C	C	80	230	C	1	1	1
FAGA224	0.0	65.4	CS2	C	C	C	C	75	230	C	1	1	1
FAGA224	0.0	70.2	CS2	C	C	C	C	65	230	C	1	1	1
FAGA224	0.0	79.6	CS2	C	C	C	C	45	230	C	1	1	1
FAGA224	0.0	82.4	CS2	C	C	C	C	48	230	C	1	1	1
FAGA224	0.0	85.8	CS2	C	C	C	C	62	230	C	1	1	1
FAGA224	0.0	88.9	PS2	P	C	C	C	55	230	C	1	1	1
FAGA224	0.0	97.0	CS2	C	C	C	C	45	230	C	1	1	1
FAGA224	0.0	106.9	PS2	P	C	C	C	55	230	C	1	1	1
FAGA224	0.0	113.7	PS2	P	C	C	C	80	230	C	1	1	1
FAGA224	0.0	118.0	PS2	P	C	C	C	48	230	C	1	1	1
FAGA224	0.0	122.2	PS2	P	C	C	C	65	230	C	1	1	1
FAGA224	0.0	126.5	PS2	P	C	C	C	65	230	C	1	1	1
FAGA224	0.0	133.7	PS2	P	C	C	C	65	230	C	1	1	1
FAGA224	0.0	142.8	PS2	P	C	C	C	70	230	C	1	1	1
FAGA224	0.0	145.8	PS2	P	C	C	C	70	230	C	1	1	1
FAGA224	0.0	150.7	PS2	P	C	C	C	70	230	C	1	1	1
FAGA224	0.0	153.3	PS2	P	C	C	C	82	230	C	1	1	1
FAGA224	0.0	156.3	PS2	P	C	C	C	70	230	C	1	1	1
FAGA224	0.0	159.0	PS2	P	C	C	C	70	230	C	1	1	1
FAGA224	0.0	162.2	PS2	P	C	C	C	80	230	C	1	1	1
FAGA224	162.3	168.0	PS2	P	C	C	C	90	230	C	1	1	1
FAGA224	0.0	170.0	PS2	P	C	C	C	80	230	C	1	1	1
FAGA224	0.0	176.1	PS2	P	C	C	C	65	230	C	1	1	1
FAGA224	0.0	181.9	PS2	P	C	C	C	65	230	C	1	1	1
FAGA224	0.0	187.0	PS2	P	C	C	C	70	230	C	1	1	1
FAGA224	0.0	190.6	PS2	P	C	C	C	75	230	C	1	1	1
FAGA224	0.0	195.7	PS2	P	C	C	C	70	230	C	1	1	1
FAGA224	0.0	200.2	PS2	P	C	C	C	80	230	C	1	1	1
FAGA224	0.0	207.9	PS2	P	C	C	C	75	230	C	1	1	1
FAGA224	0.0	210.9	PS2	P	C	C	C	80	230	C	1	1	1
FAGA224	0.0	215.5	PS2	P	C	C	C	85	230	C	1	1	1

DDH: FAGA224 UTM-N: 904,552.6 UTM-E: 592,557.6 UTM-ELEV: 1,264.0 TOTAL DEPTH: 215.5 SECTION: W 58
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	REC CD	PARLL	UPPER PLANE		INTERNAL PLANE		LOWER PLANE		DHC
FAGA224	54.2	54.6	G			C	0	C	C	0	0	1
FAGA224	55.6	55.9	G			C	0	99	999	0	0	1
FAGA224	61.6	62.4	1FC			0	0	C	C	0	0	1
FAGA224	66.5	67.9	G			99	999	C	C	99	999	1
FAGA224	70.3	75.3	GF?	1		C	0	C	C	0	0	1
FAGA224	75.3	77.0	1GP	3		C	0	0	C	0	0	1
FAGA224	77.0	78.3	G			C	0	C	C	0	0	1
FAGA224	80.8	82.3	G	3		C	0	C	C	0	0	1
FAGA224	78.3	88.0	B1G			0	0	C	C	0	0	1
FAGA224	88.0	97.8	GBF	4		C	0	C	C	0	0	1
FAGA224	97.8	98.3	X			C	0	C	C	0	0	1
FAGA224	98.3	104.8	BGF			C	0	C	C	0	0	1
FAGA224	105.9	106.0	G			0	0	40	180	0	0	1
FAGA224	109.8	112.9	GS			C	0	99	999	0	0	1
FAGA224	112.9	115.0	1G			C	0	C	C	0	0	1
FAGA224	124.9	125.8	XF?			C	0	C	C	0	0	1
FAGA224	125.8	126.7	X?			C	0	C	C	0	0	1
FAGA224	126.7	130.1	GB			C	0	C	C	0	0	1
FAGA224	130.1	133.2	2G			C	0	0	C	0	0	1
FAGA224	133.2	137.8	BG			C	0	C	C	0	0	1
FAGA224	137.8	138.6	X?			0	0	0	C	0	0	1
FAGA224	138.6	141.5	G			99	999	C	C	0	0	1
FAGA224	141.5	142.2	1G			C	0	C	C	0	0	1
FAGA224	191.8	192.0	G			99	999	C	C	99	999	1
FAGA224	203.3	206.2	G			99	999	C	C	0	0	1

DDH: FAGA224 UTM-N: 904,552.6 UTM-E: 592,557.6 UTM-ELEV: 1,204.0 TOTAL DEPTH: 215.5 SECTION: A 58
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGA224	1	2
FAGA224	2	2
FAGA224	3	2
FAGA224	4	2
FAGA224	5	2
FAGA224	6	1

CYPRUS ANVIL MINING CORPORATION Page 1 of 7

DIAMOND DRILL CORE LOG Date:

Hole Number: FAGA-224 (82A-224)

Project: 1982 GRUM DRILL PROGRAM

Location: VANGORDA PLATEAU

Claim: Fraction

NTS ~~Ferr.~~Plane Co-ords.: 6904552.583 N

AMC Mine Survey 592557.590 E

Grid Co-ords: 58 W

15

Elevation: 1264.032

Total Depth: 215.5m (707 feet)

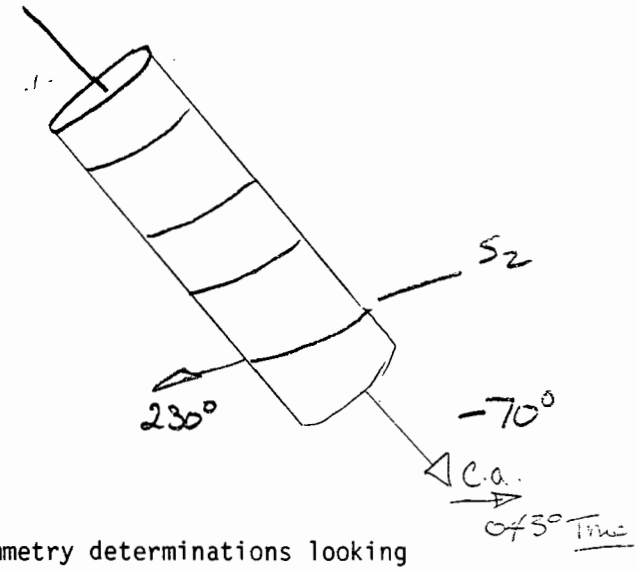
Purpose: To Intersect Hor. 2 ore in F2 Anticlinal synform.

Reason hole Terminated: Crossed plane of projection of FAGA 221 drill hole onto Xsection 58W.

Logged by: DSJ/RST Date(s) Logged: June 16/82

Drilling Contractor: Arctic Diamond Drilling Ltd

Reference Fabric Orientation Diagram:



All symmetry determinations looking NW with S2 dipping

SW with dip azimuth 230°.

	CORE From	To	Collar Cased and Capped: NO
Size NQ	49.0	215.5m	
		S38	

Hole Cemented: NO

Steel down hole: none

Started: June 2/82 Completed: June 8/82

Cyprus Anvil Mining Corp.

DDH FAGA224 (2–8)

Diamond Drill Core Log Date: _____ Logged By: _____

Code	Drillhole (2–8)	Elevation (10–16)	Northing (17–24)	Easting (25–32)	Units (feet/metres) (34–39)	R.F.E. (41–42)	
T	FAGA224	1264.0	9045521.6	592557.6	metres	SZ	

Code	Drillhole (2–8)	Depth (10–14)	Zenith Angle (22–26)	True Azimuth (28–32)	Comments (34–56)
R	FAGA224	000	161.0	043.0	AT COLLAR
R	FAGA224A	372	161.0	043.0	ACID TEST CASING
	FAGA224	762	162.0	043.0	ACID TEST CASING
R	FAGA224A	518	161.0	054.0	SPERRY SUN SINGLE SHOT
R	FAGA224	884	162.0	061.0	" " "
R	FAGA224	1493	162.0	059.0	" " "
R	FAGA224	2103	162.0	041.0	" " "

Do not use →

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

DDH FAGA224 (2 / 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: June 16/82 Logged By: DSJ / RBT

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	000	490		1	*	OBG tricone
L	490	559		2	5B3	(5B83) strongly calc gouge 54.2-54.6(poor rec.)
1						55.6-55.9 // Sz
L	559	665		3	5B83	strongly calc More chloritic than U.2, good microlithon texture Calcite tension fract. 25°/3+0°
						related to last gouge U2. Intervsnce of tension
						fractures is above gouge gravity slide
						61.6-62.4 sub⊥ CO_2 healed frc.
L	665	679		4	5A6	(5B8) Gouge upper cnt. sub // Sz, low cnt // Sz
						No tension frcs. large OQO ft.wall in unit 5
L	679	703		5	5B83	strong Calc (OQO)
L	703	753		6	5B8	Gouge. weakly calc. & mislatch Rec 0.3m Poss. Fault
L	753	770		7	5B84	±3 weakly calc. Incip. gouge // Sz thruout
						0.6m rec over interval
L	770	783		8	5B2	±3 v. weakly calc gouge over interval upper cut. ind
						l. cut. ind.
L	783	880		9	5A6	Core bkn. narrow gouges thruout (@ 80.1 (5cm)
						80.6 (2cm) // Sz, 80.8-82.3 (0.4m rec) upper cut ind.
						lower cut // Sz
L	880	978	3.8	10	5A6	(OQO, 5D1) gouged, bkn core — major fltzone
						93.5 (0.3m) Rec. 3.8 m Sz steep probable
						shallow NE Sz dip
L	978	983		11	4E0	(4E4, 5A, OQO) 3x td Horse in fault. 6-7% Pb+Zn.
L	983	1048	0.5	12	3G9	[5B62] bkn core gouge Rec. 0.5m
						Continuation of fault unit 10. upper cut. ind & lower
L	1048	1098		13	3G9	[5B62] striped lighter than above unit
						hv. gouge. 105.9 - 106.0 fault. 40/180 rel. S-
						drag in ft wall imptos high L reverse sWup
						assuming NE S_2 dip.
L	1098	1129		14	3G9	[5B62] (OQO) ht. gouged, shied Thruout
						// Sz, sub // Sz upper & lower cut.
L	1129	1150		15	5DA*	dol. (OQO) Numerous 1-2cm ht gouges // Sz
L	1150	1209		16	5E*3	dol. light grey CO_3 rich dol. > cal
						lower 0.7m cal >> dol.
L	1209	1249		17	5B3	±2 weakly calc (5D4) similar to U. 16 Rel CO_3 package

DDH FAGA224 (2 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: Jne16/82 Logged By: DSJ / RBT

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	1249	1258		18	4A1	bxtd, fractd ć 0.4m SA* @ top.
L	1258	1267		19	4E0*	±1 bx. (4H0, 4L* dol) all in bx shear
L	1267	1301		20	5A6	Co_3 & py in veinlets. gouged, bkn thruout essent // S_2
L	1301	1332	96	21	ADS	(5B6, 5B32) gouge top & bottom 60° gouge ADS weak gouge in centre, upper cut ind lower // S_2 FAULT
L	1332	1378		22	4L1	bkn & gouged thruout all // S_2 cut 3cm thick (QQQ) ⇒ 15°
L	1378	1386		23	4A0	±1 (4E0) bx thruout. 3cm 4E bx bound at top
L	1386	1415		24	5B6	(5D4*) gouge, upper cut // S_2, lower cut ind.
L	1415	1456		25	3G0	Incip. gouge // S_2 to 142.2
L	1456	1485		26	3G9	±3 CO_3 in distinct band 2.5cm thick,
L	1485	1523		27	3G3	[5B6±3] weakly biotitic Co_3 bands thruout i/c 383 biotitic
L	1523	1544		28	5A3	CO_3 in thin bands throughout.
L	1544	1707		29	3G0	±3 minor weakly calc bands wlt bio, chlor, po giving calc sil, like appearance of see rocks under Swim Lakes!
L	1707	1732		30	5A6	±3 ± po weakly calc in bands.
L	1732	1848		31	5A3	strongly calc, locally approaching 5F0 cf Swim Lake SA above deposit.
L	1848	1910		32	5A6.1	chore. by thin laminarly banded or striped graphitic /SiO_2
L	1910	1918		33	5A6	±3 weakly calc thin bands
L	1918	1920		34	5A3	±6 gouge, upper & lower cut // S_2 base non calc wlt 4A0 and 5F0 upper strongly calc S_2 70° // Slides rake 10° // veins above 30°/60°
L	1920	1950		35	5A6.1	similar to unit 32
L	1956	2003		36	5A6.1	±3 ć thin local 4A0 ⇒ SA19 podom. bands & black v. finely x-line para foliated SO bands cf porcellanites poss. exhalative C-cherts This unit prob. HOR 1 (2) in URP.
L	2003	2033		37	5A6	(5D4* calc) VB sharp cut of 5D ć 5A in the 5D = volc. sed. dep nearly contempt ć above exhalative.

DDH FAGA224 (2–8)

Cyprus Anvil Mining Corp.

Lithologic Log

Page 5 of 7

Date: June 6/82 Logged By: ~~DSJ~~ /~~RST~~

Code	From	To	Recov.	No.	Unit	Description
1	10–14	16–20	22–24	26–28	30–34	35
L	2033	2062		38	SA6	Gouge lower cut ind. pass // S_2. Pass driller goo. Upper cut // S_2. One steep int fault noted @ 20° to c.a. slicks rake 25° imply transcurrent movement
L	2062	2155		39	SA6l	as previous units E of H.

C. A. M. C. 1981 – E-3

DDH FAGA224 (2 8) Cyprus Anvil Mining Corp. Page 6 of 7

Structural Log Date: June 16/82 Logged By: DBJ / ~~DBT~~

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	
V		492	CS2				77 230	
V		545	CS2				75	
V		593	CS2				80	
V		654	CS2				75	
S		702	CS2				65	
S		796	CS2				45	
S		824	CS2				48	
S		858	CS2				62	
S		888	1,ND	P			55	
S		970	CS2				45	
S		1069	1,ND	P			55	
S		1137	1,ND	P			80	
S		1180	1,ND	P			48	
S		1222	1,ND	P			65	
S		1265	1,ND	P			65	
S		1337	1,ND	P			65	
S		1428	1,ND	P			70	
S		1458	1,ND	P			70	
S		1507	1,ND	P			70	
S		1533	1,ND	P			82	
S		1563	1,ND	P			70	
S		1596	1,ND	P			70	
S		1622	1,ND	P			80	
S	1623	1668	1,ND	H				⇒ ⊥ to ca
S		1710	1,ND	P			80	
S		1761	1,ND	P			65	
S		1819	1,ND	P			65	
S		1870	1,ND	P			70	
S		1906	1,ND	P			75	
S		1957	1,ND	P			70	
S		2002	1,ND	P			80	
S		2079	1,ND	P			75	
S		2109	1,ND	P			80	
S		2155	1,ND	P			85	

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

DDH F,AG,A22,4 (2, 8) Cyprus Anvil Mining Corp

Page 87 of 7

Logged by ~~AST~~/DSJ

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	1279	1258	12490	09	09	AA1	
P	1258	1267	12491	09	09	AE0*	±1 (AA0, 4L* dol) bx
P	1378	1386	12492	08	07	AA0	±1 (AE0) bx

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

Prep'd by GUMBOCO

AZ24

		Pb	Zn	Pb + Zn	Int.	
124.90 - 125.8	12490	0.26	0.5	0.76	0.9	
125.8 - 126.7	12491	0.92	0.96	1.88	0.9	
					1.8	@ 1.32
137.8 - 138.6	12492	0.45	0.32	0.77	0.8	

DDH F.AG.A224 Cyprus Anvil Mining Corp

Page 87 of 7

Logged by ~~RST~~/DBJ

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	1279	1258	124910	09	09	4A1	
P	1258	1267	124911	09	09	4E0*	±1 (AAO, 4L* dol) bx
P	1378	1386	124912	08	07	AA0	±1 (4E0) bx

DDH FAGA224 Cyprus Anvil Mining Corp. Page _____ of _____

Meters ~~Structural~~ FAULT Log Date: _____ Logged By: _____

Code	From	To	Feature	Sys	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
F	5,42	5,46	G					
F	5,55	5,59	G			99 9999		
F	6,16	6,24	IFQ					
F	6,165	6,799	G		99 9999		99 9999	
F	7,03	7,53	GF?	1				
F	7,53	7,70	IGP	3				
F	7,709	7,783	G					
F	7,783	8,180	B,IG					
F	8,180	9,788	GBF	4				
F	8,208	8,223	G	3				
F	9,778	9,783	X					
F	9,783	10,488	BGF					
F	10,059	10,600	G			40 1,80		
F	10,988	11,299	GS			99 999		
F	11,299	11,500	IG					
F	12,499	12,588	X,F?					
F	12,588	12,677	X,?					
F	12,677	13,011	GB					
F	13,011	13,322	2G					
F	13,322	13,788	BG					
F	13,788	13,866	X,?					
F	13,866	14,155	G		99 9999			
F	14,155	14,222	IG					
F	19,188	19,200	G		99 9999		99 9999	
F	20,333	20,622	G		99 9999			

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

DDH: FAGA224 -- 132 DEGREE PROFILE

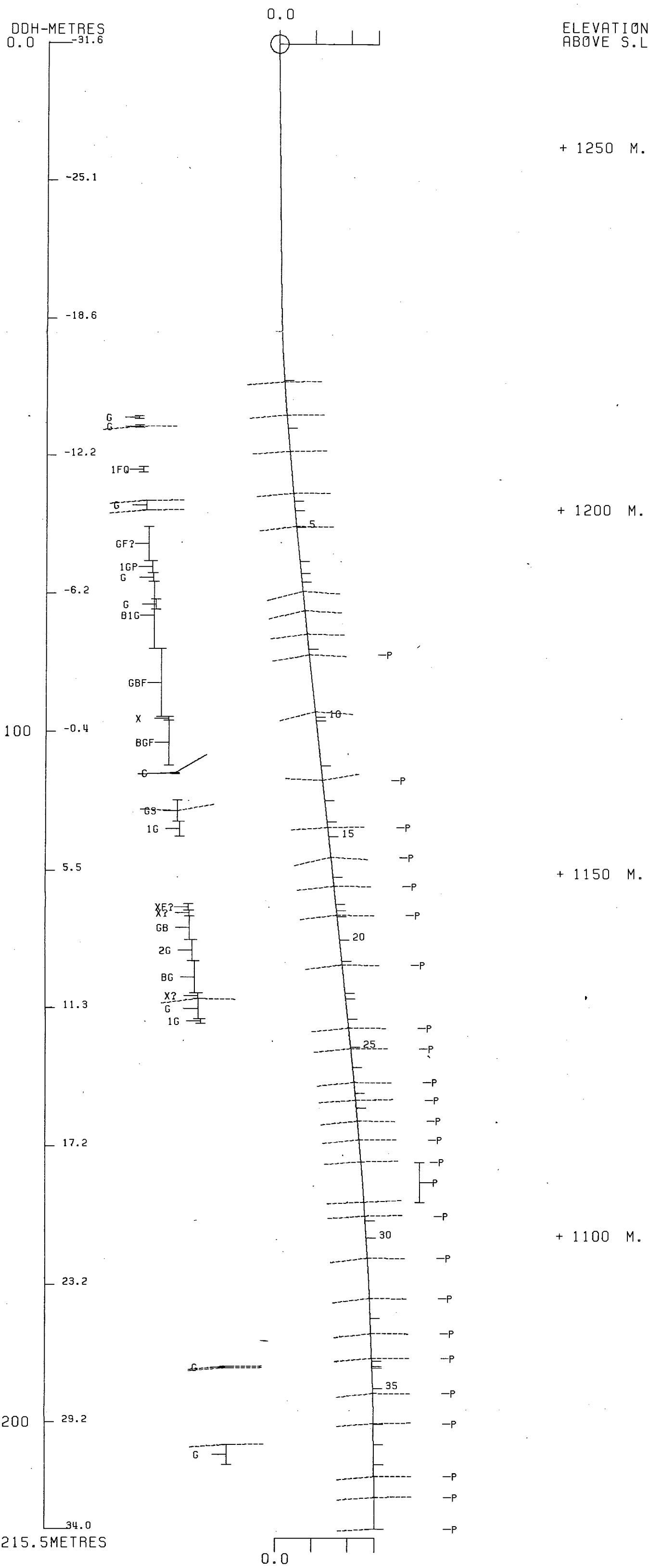
(VIEW AZIMUTH = 42 DEGREES)

ELEV:1264 592558E ; 904553N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 940.7 Z = 1264.0

SECTION NAME: OON



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 11 OCT 1984 2:16 PM

DDH: FAGA224 -- 132 DEGREE PROFILE

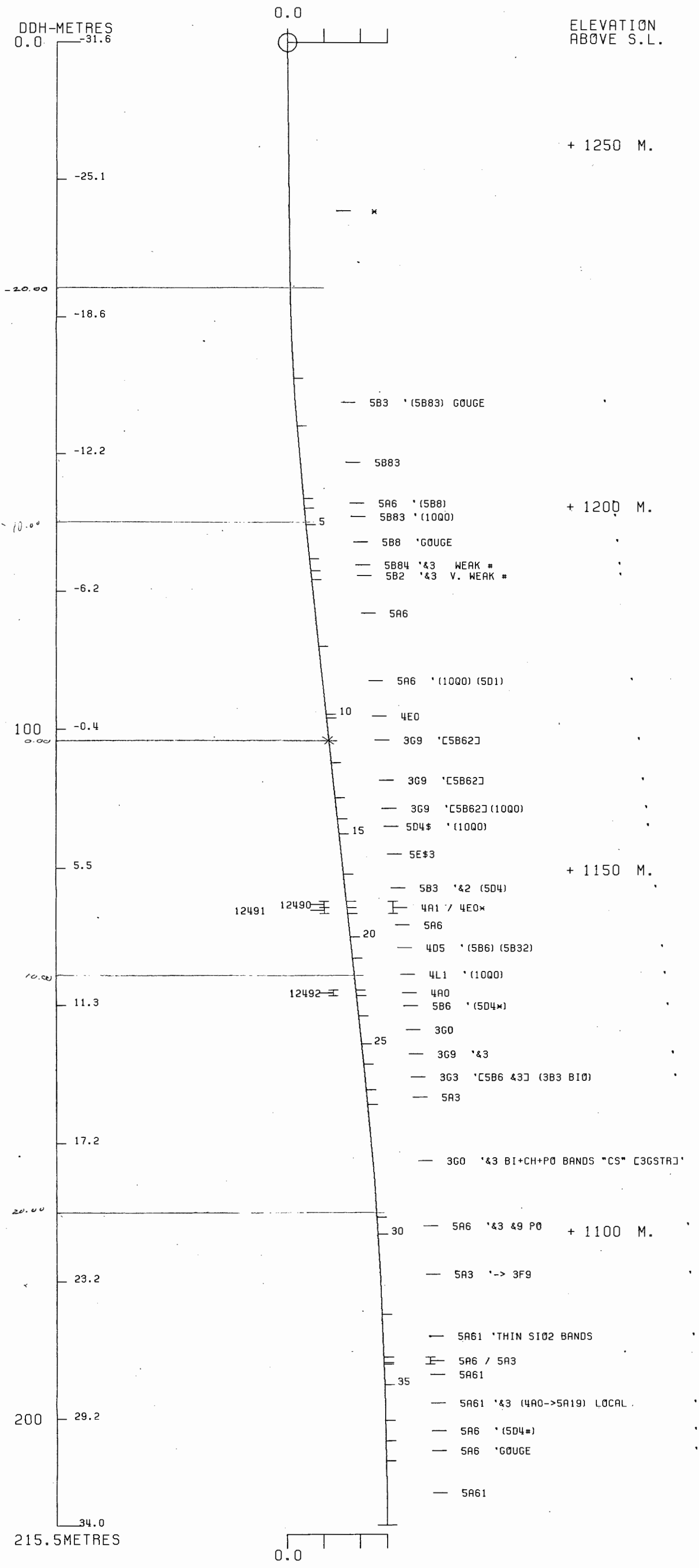
(VIEW AZIMUTH = 42 DEGREES)

ELEV: 1264 592558E ; 904553N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 940.7 Z = 1264.0

SECTION NAME: 00N



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 11 OCT 1984 2:18 PM

DRILL HOLE : FAGU019
NORTHING : 904,890.4
EASTING : 592,294.7
ELEVATION : 1,144.7
TOTAL DEPTH : 59.4
SECTION : W 72
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS ORE-SAMPLES:	15
NOS DOWN-H-SURVEYS:	1
NOS DOWN-H-LITHOLOGY:	27
NOS DOWN-H-STRUCTURE:	11
NOS DOWN-H-FAULTS:	7
NOS DOWN-H-SPLINES:	1
NOS COMPOSITES:	0

DDH: FAGU019 UTM-N: 904,89C.4 UTM-E: 592,294.7 UTM-ELEV: 1,144.7 TOTAL DEPTH: 59.4 SECTION: W 72
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

----DEPTHS--- FROM	TO	SAMPLE NO.	INT.	REC.	ROCK UNIT	S.G. PULP	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.
20.3	21.3	06114	1.0	.8	4E9*	4.59	.16	4.55	3.23	75.00		1.10	3	30	34						
21.3	22.9	06115	1.6	.8	4C*	3.79	.16	1.6C	1.50	39.00		.27	12	13	26						
29.3	30.5	06116	1.2	1.2	4C0	3.47	.12	1.74	1.88	33.00		.21	6	10	16						
30.5	31.2	06117	.7	.7	4G*	4.48	.25	4.24	5.38	78.00		.62	2	25	27						
31.2	33.4	06118	2.2	2.2	4E8	4.59	.13	2.33	1.69	47.00		.89	5	28	33						
33.4	34.8	06119	1.4	1.3	4E48	4.66	.13	5.39	5.11	91.00		.75	2	19	21						
34.8	36.6	06120	1.8	1.8	4G48	4.62	.15	6.60	6.42	114.00	1C6.00	1.70	5	20	25						
36.6	38.2	06121	1.6	1.4	4G48	4.33	.06	8.37	8.95	140.C0		.41	2	8	11						
38.2	39.1	06122	.9	.9	4G2	4.01	.14	3.64	1.94	54.00		.48	12	15	27						
39.1	40.6	06123	1.5	1.4	4G2	4.26	.13	4.51	4.25	68.C0		.41	5	22	27						
40.6	42.6	06124	2.0	2.0	4G4	4.57	.08	7.83	6.86	126.00		.41	2	6	8						
42.6	44.6	06125	2.C	2.0	4G4	4.69	.07	6.84	8.29	127.00		.34	3	8	11						
44.6	46.6	06126	2.0	1.9	4G4	4.48	.05	5.30	7.36	90.00		.41	3	10	13						
46.6	48.5	06127	1.9	1.9	4E48	3.82	.17	5.22	4.13	75.00		.41	10	22	32						
48.5	49.0	06128	.5	.5	4EL	3.65	1.04	2.60	2.07	39.00		.34	10	13	23						
WEIGHTED AVERAGE																					
20.3	22.9		2.6	1.6		4.09	.16	2.73	2.16	52.84		.58	9	20	29						
29.3	49.0		19.7	19.2		4.35	.13	5.28	5.31	88.97	9.68	.59	5	16	21						

DDH: FAGUD19 UTM-N: 904,89C.4 UTM-E: 592,294.7 UTM-ELEV: 1,144.7 TOTAL DEPTH: 59.4 SECTION: W 72
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.COO	59.000	223.800

DDH: FAGU019 UTM-N: 904,890.4 UTM-E: 592,294.7 UTM-ELEV: 1,144.7 TOTAL DEPTH: 59.4 SECTION: W 72
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	INC
0.7	0C01	#		0.5-	1
1.3	0C02	5D0		0.5-	1
2.1	0003	5B80		0.5-	1
4.7	0C04	5DC		0.5-	1
6.1	0005	5B80	SERICITIC	0.5-	1
7.3	0C06	5DC	SERICITIC	0.5-	1
8.9	0C07	5B80	SERICITIC	0.5-	1
12.2	0C08	5884	6 (5B86)	0.5-	1
16.8	0C09	5826	(5A6)	0.5-	1
18.3	0C10	5B6	RUBBLE	0.5-	1
20.3	0011	4LC	(5B86 SERICITIC)	0.5-	1
21.3	0012	4E9*	48 MINOR (4E4)	0.5-	1
22.9	0013	4C#	(4L4) (4E48) E.O.I.	0.5-	1
24.0	0C14	4LC		0.5-	1
25.0	0015	5A6	&4	0.5-	1
29.3	0016	5D6	(5A6) (5B86)	0.5-	1
30.2	0017	4CD	BXA	0.5-	1
30.5	0018	4LC	[5D4*?]	0.5-	1
31.2	0019	4G@	(4E4)	0.5-	1
34.8	0020	4E8	&4 (4E4) (4G4 &*)	0.5-	1
38.2	0021	4G48	(4G4) (4E48)	0.5-	1
40.6	0022	4G2	&8	0.5-	1
46.6	0023	4G4	&8	0.5-	1
49.0	0024	4E48	(4LO) 88:12	0.5-	1
52.1	0025	4LO		0.5-	1
59.1	0026	3E2	[5A6] (382 [5C6])	0.5-	1
59.4	0027	4L3		0.5-	1

DDH: FAGUD19 UTM-N: 904,890.4 UTM-E: 592,294.7 UTM-ELEV: 1,144.7 TOTAL DEPTH: 59.4 SECTION: W 72
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT SYMTRY	SC ANGLE	DIRECT	S1 ANGLE	DIRECT	S2 ANGLE	DIRECT	RFE CDE	DHDC	SDC	PROCESS
FAGUD19	0.0	1.3		0	0	0	0	50	230	0	1	1	1
FAGUD19	0.0	5.6		0	0	0	0	66	230	0	1	1	1
FAGUD19	0.0	12.4		0	0	0	0	74	230	0	1	1	1
FAGUD19	0.0	18.4		0	0	0	0	70	230	0	1	1	1
FAGUD19	0.0	24.9		0	0	0	0	55	230	0	1	1	1
FAGUD19	0.0	31.0	PS2	0	0	0	0	46	230	0	1	1	1
FAGUD19	0.0	37.3	PS2	0	0	0	0	40	230	0	1	1	1
FAGUD19	0.0	43.6	PS2	0	0	0	0	47	230	0	1	1	1
FAGUD19	0.0	50.0		0	0	20	0	49	230	0	1	1	1
FAGUD19	0.0	53.0		0	0	20	0	44	230	0	1	1	1
FAGUD19	0.0	59.0		0	0	0	0	58	230	0	1	1	1

DDH: FAGU019 UTM-N: 904,890.4 UTM-E: 592,294.7 UTM-ELEV: 1,144.7 TOTAL DEPTH: 59.4 SECTION: W 72
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	REC CD	PARLL	UPPER PLANE		INTERNAL PLANE		LOWER PLANE		DHD
FAGU019	0.1	0.7	NP			0	0	0	0	0	0	1
FAGU019	5.6	5.7	1G			99	999	C	0	43	0	1
FAGU019	16.8	18.3	RP	3		0	0	0	C	0	0	1
FAGU019	20.3	21.3	P	5		0	0	0	C	0	0	1
FAGU019	29.3	30.2	XD?			0	0	C	0	0	0	1
FAGU019	30.2	30.5	G?			0	0	0	0	0	0	1
FAGU019	52.1	59.1	2Q			0	0	0	0	0	0	1

DDH: FAGU019 UTM-N: 904,890.4 UTM-E: 592,294.7 UTM-ELEV: 1,144.7 TOTAL DEPTH: 59.4 SECTION: W 72
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGU019	1	1

CYPRUS ANVIL MINING CORPORATION

Page 1 of 7

DIAMOND DRILL CORE LOG

Date: 22/5/

Hole Number: 76-U-019 (FAU 019)

Reference Fabric Orientation Diagram:

Project: GRUM

Location: [illegible]

Claim: _____

Terr.Plane Co-ords.: 6904890.415 N

592294.7333 E

Grid Co-ords: _____

_____

All symmetry determinations looking

Elevation: 1144.66 m

_____ with _____ dipping

Total Depth: _____

_____ with dip azimuth _____.

Purpose: RE-LOG GRUM

Reason hole Terminated: _____

Logged by: GG

Date(s) Logged: 22 [illegible]

Drilling Contractor: _____

	CORE		
Size	From	To	Collar Cased and Capped:

Hole Cemented: _____

Steel down hole: _____

Started: _____ Completed: _____

Cyprus Anvil Mining Corp.

Diamond Drill Core Log

DDH 76-U019

Code	Drillhole	Elevation	Northing	Easting	Comments
1	2 8	10 16	17 24	25 32	34 48
T	76-U019	1144.7	9048904.4	592294.7	METRES

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2 8	10 14	22 26	28 32	34 56
R	76-U019	00	59.0	223.8	AT COLLAR
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	

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

DDH EAGU0129 (2–8)

UNITS = METERS

Cyprus Anvil Mining Corp.

Lithologic Log

Page 3 of 7

Date: 22/5/81 Logged By: GG

CHECK BY

Code	From	To	Recov.	No.	Unit	Description		
1	10–14	16–20	22–24	26–28	30–34	35		
						* NOTE – THIS HOLE DRILLED		
						UPWARD FROM MINE DRIFT.		
							FOOTWALL CONTACT	
L	100	107		001	*	NO CORE	TYPE	%
L	107	113		2	5D3			$11S_2$
L	113	121		3	5B83			$11S_2$
L	121	147		A	5D3			$11S_2$
L	147	161		5	5B83	V. SERICITIC; GOUGE @ 5.6–5.7m		$11S_2$
L	161	173		6	5D3	V. SERICITIC;		$11S_2$
L	173	189		7	5B83	V. SERICITIC;		$11S_2$
L	189	1122		8	5B84	/6/ + (5B86)		$11S_2$?
L	1122	1168		9	5B26	+ (5A6)	RUBBLE	
L	1168	1183		10	5B61	0.45m OF RUBBLE IN COREBOX	—	
L	1183	12103		11	4L01	+ (5B86-SERICITIC); 4LO	RUBBLE	
						TOWARD FOOTWALL;		
L	12103	12113		12	4E9*	+ (4E4); MINOR MAGNETITE;	RUBBLE	
						0.5m RECOVERY		
L	12113	12129		13	4C*	+ (4L4); V. CALCAREOUS	RUBBLE	
						+ (4E48) AT FOOTWALL;		
						THIS 4E48 SIMILAR TO		
						UNIT 12 IN GRADE;		
L	12129	12140		14	4L01		MINOR RUBBLE	
L	12140	12150		15	5A61	+ (5A46)	FRAG	$11S_2$
L	12150	12193		16	5D61	+ (5A6) + (5B86) – V. SHORT	?	
						SECTIONS;		
L	12193	13102		17	4R01	PRED ADO WITH 4LO BRECCIA	RUBBLE	
						CLASTS 2–5mm DIA.; V. CALC		
						AT FOOTWALL;		
L	13102	13105		18	4L01	PRED LIGHT PALE BROWN	RUBBLE	
						CLAY;		
L	13105	13112		19	4G*	+ (4E4); ANKERITIC	RUBBLE	
L	13112	13148		20	4E48	+ (4G4*) + (4E4) + (4GA)	?	
L	13148	13182		21	4G48	+ (4G4) + (4E48)	?	
L	13182	14106		22	4G42	/8/ + (4G42)		$11S_0$
L	14106	14166		23	4G4	+ (4G48)		$11S_0$
L	14166	14190		24	4E48	+ (4L0) → @ 48.5–48.8m	RUBBLE	

Rubble

Some RE

BX

C.A.M.C. 1981 – E-3

DDH FAGV-019 (2–8)

Cyprus Anvil Mining Corp.

Page 4 of 7

Lithologic Log

Date: 22/5/81 Logged By: GG

UNITS = METERS

Code	From	To	Recov.	No.	Unit	Description	FOOTWALL CONTACT TYPE	FOOTWALL CONTACT ANGLE
1	10–14	16–20	22–24	26–28	30–34	35		
L	149.0	151.2		25	ALO		MINOR RUBBLE	
L	151.2	151.9		26	3E2	[5A6] + 3B2 [5D6] – INTENSE QZ-CB VEINING THROUGHOUT	RUBBLE	115
L	151.9	159.4		27	ALJ			
						END OF HOLE @ 59.4m		

DDH FAGU01.9 (2–8)

Cyprus Anvil Mining Corp.

Structural Log

Date: 22/5/81 Logged By: GG.

UNITS = METERS

Code	From	To	Feature	sys	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
	10–14	16–20	22–24	26	28–32	34–38	40–44	
S		13					510 2310	
S	15	16					616	GOUGE – H/W – 11 S_2
S	124						714	F/W – 43/00°
S	184						710	
S	247						515	
S	311	0			416			S-BANDS
S	373				410			S-BANDS
S	436				417			S-BANDS
S	510	0				210 1010	419	COMP'N BANDS IN ALO
								CLEAVAGE @ 49/00° = S_2
S	513	0				210 1010	414	
S	519	0					518	
								END OF HOLE @ 59.4m

DDH [illegible] Cyprus Anvil Mining Corp

Page 7 of 7

Logged by GG

ASSAY LOG (SAMPLER'S COPY) Date 29/5/82 Sampled by

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
1	10 14	16 20	22 26	28 30	32 34	36 40	42
A	1203	1213	161114	10	10 8	1AES	[illegible]
A	1213	1229	161115	16	10 8	1AC	+(4L4 - 1E42
A	1293	1310	161116	12	12	1ADG	+(4L5)
A	1310	1311	161117	07	07	1AE*A	+(4L5)
A	1311	1323	161118	22	22	1AE/8	+(4L5)
A	1323	1328	161119	14	13	1AE48	+(4L5)
A	1328	1336	161120	18	18	1AE48	+(4L5)
A	1336	1338	161121	16	12	1AGH0	
A	1338	1339	161122	07	09	1AGX2	
A	1339	1406	161123	15	14	1AGX2	
A	1406	1412	161124	20	20	1AGH	+(4L4)
A	1412	1414	161125	20	20	1AGH	+(4L4)
A	1414	1416	161126	20	19	1AGH	+(4L4)
A	1416	1419	161127	19	19	1AE48	
A	1419	1429	161128	15	05	1AEXX	+(4L2)
						V	
							END OF HOLE @ 50.4m

C.A.M.C. 1981 - F - 5

Metres

FAULT

DDH FAG4019 (2 / 8) Cyprus Anvil Mining Corp. Page ____ of ____

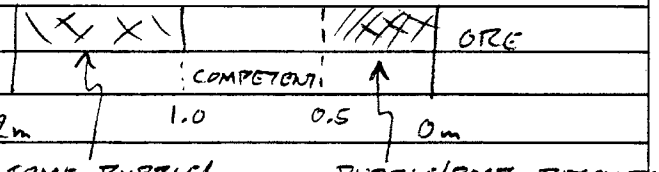
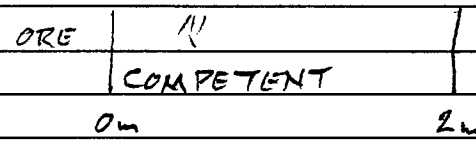
Structural Log Date: ____ Logged By: ____

Code	From	To	Feature	Sys	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
F	10 11	10 17	N A					no core
F	15 16	15 17	I G		9 9 9 9 9		4 3 0 1 0	gouge
F	16 18	18 3	R P	3				0.45m/1.5m of rubble
F	20 3	21 3	P	5				0.5m/1.0m recovery
F	29 3	30 2	X D?					4DO w/ 4LO bxa clasts
								2-5mm Diam
F	30 2	30 5	G?					grad. light gale brown clay
F	52 1	59 1	Q					intense qtz-carbonate veining throughout

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

DDH EAGU0119 (2 / 8) Cyprus Anvil Mining Corp. Page 5 of 7

UNITS = METERS GEOTECH ~~Lithologic~~ Log Date: 22/5/81 Logged By: GG

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						* HOLE DRILLED UPWARD FROM MINE DRIFT;
	203					FOOTWALL → 4LO + ST386
						
	490					HANGWALL → 4LO
						

Typed HP

DIAMOND DRILL RECORD

LOGGED BY S. Jetu Jan 26/76 D.D.H. No 76-U-19 PAGE 1/5

PROPERTY Grum Joint Venture (Underground)

LATITUDE 1068N.9 (Line Grid 2N) STARTED 24 Jan 76

DEPARTURE 7548.675 72W COMPLETED 25 Jan 76

ELEVATION 1155.27 PROPOSED DEPTH

ULTIMATE DEPTH 59.4 m

HOLE SURVEY:		
DEPTH	BEARING	DIP
Collar	223°48'00"	+31

CLAIM No

N

DIRECTION AND DISTANCE FROM N.E. CLAIM POST

Interval From	Interval To	DESCRIPTION (N.D. = 30.92, I.D. = 30.59)	Recovery	Sample No	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
0	9.1	Chlorite Calcite Sericite Phyllite grey-green, well foliated @ 70°, competent, chlorite 25%, calcite 20%; F_1 structures rare, locally F_1 noses; 5.7-5.8 sheared zone	7.8/9.1		0	9.1									
9.1	10.9	Chlorite-Sericite Phyllite grey-green, well foliated @ 75°, competent, F_1 common @ 90° to F_2, minor fractures @ 60°	1.5/1.8		9.1	10.9									
10.9	11.5	Bleached Chlorite-Sericite Phyllite pale dull green, well foliated @ 75° competent.	0.5/0.6		10.9	11.5									
11.5	19.3	Quartz Sericite Phyllite well foliated @ 80°, dark grey colour, minor tension fractures @ 0° with qtz-carb fill, F_1 structures not distinct 11.5-16.5 as above competent													

LOGGED BY _____ D.D.H. Nº 76-019 PAGE 2/5

Interval From	Interval To	DESCRIPTION	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		16.5 - 19.3 as above broken and fractured chips average 1cm wide, qtz vein (fragments av. 0.5cm) 16.9 - 17.0 second contact qtz vein 4cm wide and parallel F_2.													
19.3	20.3	Bleached Quartz Sericite well foliated @ 80°, pale green colour, F_1 structure locally @ 90° to F_2, minor fracturing @ 30°	0.5/1.0		19.3	20.3									
		19.3 - 19.8 as above competent													
		19.8 - 20.3 as above broken and fractured													
20.3	22.9	Massive Sulphide Py 55, po-tr, Pb 2.6 generally fractured and broken, minor inclusion of bleach sericite, fractures @ 30°, 80°; sulfide bands @ 70°	1.5/2.6	1365	20.3	22.9	2.6	2.90	2.15	1.32	(453)				
22.9	24.0	Bleached Sericite Phyllite pale green, well foliated @ 75°, parting along F_2 common, minor fracturing @ 30°, rare sulfide bands (av. wide 2mm) parallel F_2 (2% sulfide)	1.0/1.1		22.9	24.0									
		23.7 - 24.0 as above sheared incompetent													
24.0	24.7	Sericite Phyllite	0.6/0.7		24.0	24.7									

LOGGED BY _____ D.D.H. NO 76-019 PAGE 3/5

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		dark grey, well foliated @ 70°, competent tension fractures @ 30°													
24.7	29.3	Bleached Sericite Phyllite	4.0/4.6		24.7	29.3									
		pale green, well foliated @ 70°, rarely fuchsite on F_2 faces, rare sulfide bands (2mm wide) parallel F_2, details:													
		26.8 - 27.1 Sericite Phyllite not bleached													
		27.5 - 28.3 Bleached Sericite Phyllite													
		F_2 = 40°													
29.3	50.0	Sulphide Zone													
		generally competent, fracturing @ 30°, 80° details below													
		29.3 - 30.5 Bleach Sericite with sulfides well foliated @ 50°, py 15, Pb2n 4	1.2/1.2	1366	29.3	30.5	1.2	2.28	2.05	1.03			2.736	2.46	1.236
		massive sulfide 29.3 - 30.1 banding @ 30°, breccia 29.5 - 29.9 fragments av. 0.5cm (sulfide and phyllite) healed by sulfide													
		30.5 - 32.0 Massive sulfide py 55, mag 1, Pb2n 7	1.5/1.5	1367	30.5	32.0	1.5	2.13	1.98	1.15			3.195	2.97	1.725
		banding @ 30°		WT. Av.	29.3	32.0	2.7	2.19	2.01	1.096	(37.6)		5.931	5.43	2.961
		32.0 - 33.5 as above, py 45, mag 2, pb2n 10	1.5/1.5	1368	32.0	33.5	1.5	3.55	3.10	1.73			5.775	4.65	2.595
		banding @ 50°		WT. Av.	29.3	33.5	4.2	2.79	2.40	1.32	(45.3)		11.71	10.08	5.556

LOGGED BY _____ D.D.H. NO 76-019 PAGE 4/5

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		33.5-35.1 as above, Py 40, mag 1, Pb Zn 12	1.6/1.6	1369	33.5	35.1	1.6	4.90	4.75	2.15		0	7.84	7.60	3.44
		banding @ 45°, 5% barite		WT. Av.	32.0	35.1	3.1	4.39	3.95	1.946	(66.7)		13.615	12.25	6.035
		35.1-36.6 as above Py 30, mag 2, Pb Zn 10	1.5/1.5	1370	35.1	36.6	1.5	6.78	6.22	2.79			10.17	9.33	4.185
		banding @ 40°, 5% barite													
		36.6-38.1 as above Py 30, mag tr., Pb Zn 10	1.5/1.5	1371	36.6	38.1	1.5	7.10	7.62	3.00			10.65	11.28	4.50
		banding @ 50°, 15% barite													
		38.1-39.6 as above Py 30, mag 3, Pb Zn 6	1.5/1.5	1372	38.1	39.6	1.5	4.80	3.55	1.91			7.20	5.325	2.865
		banding @ 40°, 7% barite													
		39.6-40.8 as above Py 40°, Pb Zn 6	1.2/1.2	1373	39.6	40.8	1.2	4.30	3.10	1.62			5.16	3.72	1.944
		banding @ 40°, 4% barite													
		40.8-42.2 as above Py 25, mag 1, Pb Zn 10	1.4/1.4	1374	40.8	42.2	1.4	8.10	7.09	3.68			11.34	9.926	5.152
		barite 20% banding 40°													
		42.2-44.2 as above Py 25, mag 1, Pb Zn 10	2.0/2.0	1375	42.2	44.2	2.0	6.35	7.29	2.85			12.7	14.58	5.70
		barite 20%, banding 40													
		44.2-45.7 as above Py 30, mag 2, Pb Zn 8	1.5/1.5	1376	44.2	45.7	1.5	5.85	7.29	3.03			8.775	10.935	4.545
		barite 20% banding 60°													
		45.7-47.2 as above Py 40, mag 1, Pb Zn 10	1.5/1.5	1377	45.7	47.2	1.5	5.94	8.07	3.24			8.91	12.105	4.86
		barite 15% banding @ 60°		WT Av WT Av	35.1	47.2	(12.1)	6.84 6.23	6.22 6.13	2.784 2.64	(93.3) (90.4)	(95.7) 0	14.905 28.66	77.201 28.21	33.751 12.103
		fold nose @ 46.4 axis = 90°		" "	38.1	40.8	2.7	4.57	3.35	1.78	(61.1)		12.36	9.045	4.809
		axial plane // banding		" "	40.8	47.2	6.4	6.52	7.43	3.17	(108.5)		41.728	47.546	20.257
		47.2-50.0 as above Py 60, mag 1, Pb Zn 12	2.8/2.8	1378	47.2	50.0	2.8	4.88	3.55	2.06		0	13.66	9.94	5.77
		second contact @ 30°		WT Av.	33.5	50.0	16.5	5.84	5.74	2.60	(89.1)	/	96.41	94.74	42.96

LOGGED BY _____ D.D.H. NO 76-019 PAGE 5/5

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
50.0	52.0	Bleached Sericite Phyllite pale green well foliated @ 30°, F_2 in parts strongly contorted, rare fracturing @ 0°	1.6/2.0		50.0	52.0									
52.0	58.1	Graphite Sericite Phyllite grey-black, well foliated ≈ 60° however F_2 strongly contorted, tension fractures @ 0°, 30° very common with qtz-carb fill, core broken into sections av. 4cm, second contact marked by 10 cm of broken fractured core 53.2-53.7 bleach sericite phyllite F_2 = 70° competent	5.9/6.1		52.0	58.1									
58.1	59.4	Bleached Sericite Phyllite pale yellow-green, with kaolin, broken into chips av. 4mm, incompetent	0.4/1.3	58.1	59.4										
	59.4	End of Hole.													

FAGU032

DRILL HOLE : FAGU032

NORTHING : 904,907.7

EASTING : 592,228.3

ELEVATION : 1,155.8

TOTAL DEPTH : 121.9

SECTION : W 74

R.F.E. : S2

RFE DIRECTION: 230

PLUNGE ANGLE : 11

PLUNGE DIRECT: 312

DHD CALC: 1

SS CALC: 1

DETAIL RECORD COUNTS:

NOS ORE-SAMPLES: 9

NOS DOWN-H-SURVEYS: 4

NOS DOWN-H-LITHOLOGY: 36

NOS DOWN-H-STRUCTURE: 32

NOS DOWN-H-FAULTS: 23

NOS DOWN-H-SPLINES: 4

NOS COMPOSITES: 0

DDH: FAGU032 UTM-N: 904,907.7 UTM-E: 592,228.3 UTM-ELEV: 1,155.8 TOTAL DEPTH: 121.9 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTHS FROM	DEPTHS TO	SAMPLE NO.	INT.	REC.	ROCK UNIT	S.G. PULP	CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
.0	1.8	08771	1.8	1.1	4DA	3.47	.03	2.90	4.60	40.00		.96	3	14	18						
27.7	29.4	08772	1.7	1.4	4LC	2.99	.07	.43	.46	10.00		.27	3	6	9						
29.4	30.5	08773	1.1	1.1	4E48	3.08	.21	2.90	2.40	44.00	50.00	.96	7	20	28						
53.3	54.7	08774	1.4	.9	4GE	4.57	.22	5.00	8.50	105.00		.89		29	30						
90.3	92.2	08775	1.9	1.9	4E4	3.27	.26	3.50	4.20	51.00		.62	1	29	31						
92.2	93.0	08776	.8	.8	4CA	3.55	.12	.33	.41	13.00		.34	3	13	17						
107.9	111.4	08777	3.5	1.1	4L2		.12	1.00	.87	22.00											
111.4	112.9	08778	1.5	1.4	4A3		.08	.57	1.37	13.00											
118.4	119.2	08779	.8	.7	4A1		.05	.68	1.21	14.00											
WEIGHTED AVERAGE																					
.0	1.8		1.8	1.1		3.47	.03	2.90	4.60	40.00		.96	3	14	18						
27.7	30.5		2.8	2.5		3.02	.12	1.40	1.22	23.35	19.64	.54	5	11	17						
53.3	54.7		1.4	.9		4.57	.22	5.00	8.50	105.00		.89		29	30						
90.3	93.0		2.7	2.7		3.35	.21	2.56	3.07	39.74		.53	2	24	27						
107.9	112.9		5.0	2.5			.10	.87	1.02	19.30											
118.4	119.2		.8	.7			.05	.68	1.21	14.00											

DDH: FAGDC32 UTM-N: 904,907.7 UTM-E: 592,228.3 UTM-ELEV: 1,155.3 TOTAL DEPTH: 121.9 SECTION: W 74
RFE: S2 RFE DIR: 250 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	162.800	222.600
33.500	169.000	218.000
67.100	172.000	226.000
97.500	175.000	253.000

DDH: FAGU032 UTM-N: 904,907.7 UTM-E: 592,228.3 UTM-ELEV: 1,155.6 TOTAL DEPTH: 121.9 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
1.8	0001	4D4	(4A0)	0.5-	1
3.0	0002	5D4*		0.5-	1
5.1	0003	5B20		0.5-	1
12.3	0004	4L2	&7 &4	0.5-	1
14.3	0005	5BC		0.5-	1
14.9	0006	4L27	BXA	0.5-	1
16.4	0007	5BC	&2	0.5-	1
19.8	0008	5AC		0.5-	1
24.4	0009	5BC	&2	0.5-	1
25.0	0010	5AC		0.5-	1
25.9	0011	10QC9		0.5-	1
27.7	0012	5AC	(4L2) 85:15	0.5-	1
29.4	0013	4L1	(4L0) [4LC]	0.5-	1
30.5	0014	4E0	&8	0.5-	1
39.9	0015	5B0		0.5-	1
43.3	0016	5D4*		0.5-	1
48.3	0017	5B83		0.5-	1
53.3	0018	5A0		0.5-	1
54.7	0019	4GC	(4E4)	0.5-	1
57.5	0020	5A0	(5D4*) MINOR	0.5-	1
67.1	0021	5B20		0.5-	1
68.7	0022	5B2		0.5-	1
71.8	0023	5B0	(5B4#) 80:20	0.5-	1
80.1	0024	5B80		0.5-	1
88.0	0025	5B0	(5D4*) MINOR	0.5-	1
88.9	0026	5D4#		0.5-	1
90.3	0027	5B0	(4A4) MINOR	0.5-	1
92.2	0028	4E4	BXA (4L14) MINOR	0.5-	1
93.0	0029	4C5	(5D4*) [4CA] [4A1]??	0.5-	1
107.9	0030	5AC		0.5-	1
111.4	0031	4L2		0.5-	1
112.9	0032	4A3		0.5-	1
118.4	0033	5B2		0.5-	1
119.2	0034	4A1	(4L1 &4) (5D4*)	0.5-	1
121.2	0035	4LC	&2 (5D4*) (10Q0) (5A16)	0.5-	1
121.9	0036	5A6	(5D4*)	0.5-	1

DDH: FAGUC32 UTM-N: 904,907.7 UTM-E: 592,228.3 UTM-ELEV: 1,155.8 TOTAL DEPTH: 121.9 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	SC ANGLE	SC DIRECT	S1 ANGLE	S1 DIRECT	S2 ANGLE	S2 DIRECT	RFE CDE	DHCC	SDC	PROCESS
FAGUC32	0.0	4.7	PS2		0	0	0	0	60	230	0	1	1	1
FAGUC32	0.0	10.2	PS2		0	0	0	0	57	230	0	1	1	1
FAGUC32	0.1	10.4	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGUC32	0.0	12.7	CS2		0	0	0	0	75	230	0	1	1	1
FAGUC32	10.4	13.3	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGUC32	0.0	16.0	PS2		0	0	0	0	67	230	0	1	1	1
FAGUC32	13.3	16.0	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGUC32	0.0	20.4	CS2		0	0	0	0	75	230	0	1	1	1
FAGUC32	16.0	27.7	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGUC32	0.0	28.5	PS2		0	0	0	0	38	230	0	1	1	1
FAGUC32	0.0	33.9	PS2		0	0	0	0	58	230	0	1	1	1
FAGUC32	0.0	37.2	PS2		0	0	0	0	62	230	0	1	1	1
FAGUC32	0.0	44.1	PS2		0	0	0	0	75	230	0	1	1	1
FAGUC32	0.0	50.8	PS2		0	0	0	0	64	230	0	1	1	1
FAGUC32	0.0	55.2	PS2		0	0	0	0	73	230	0	1	1	1
FAGUC32	27.7	55.2	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGUC32	0.0	61.0	CS2		0	0	0	0	72	230	0	1	1	1
FAGUC32	55.2	62.3	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGUC32	0.0	66.8	PS2		0	0	0	0	69	230	0	1	1	1
FAGUC32	62.3	68.8	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGUC32	0.0	74.1	CS2		0	0	0	0	81	230	0	1	1	1
FAGUC32	68.8	76.4	CS2	C	0	0	0	0	0	0	0	1	1	1
FAGUC32	0.0	81.5	CS2		0	0	0	0	74	230	0	1	1	1
FAGUC32	76.4	82.9	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGUC32	0.0	86.9	PS2		0	0	0	0	68	230	0	1	1	1
FAGUC32	0.0	95.9	PS2		0	0	0	0	60	230	0	1	1	1
FAGUC32	0.0	102.5	PS2		0	0	0	0	57	230	0	1	1	1
FAGUC32	0.0	109.9	PS2		0	0	0	0	59	230	0	1	1	1
FAGUC32	82.9	111.4	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGUC32	0.0	116.6	CS2		0	0	0	0	61	230	0	1	1	1
FAGUC32	0.0	121.8	CS2		0	0	0	0	58	230	0	1	1	1
FAGUC32	111.4	121.9	CS2	S	0	0	0	0	0	0	0	1	1	1

DRILL HOLE: FAGU032 UTM-N: 904,907.7 UTM-E: 592,228.3 UTM-ELEV: 1,155.9 TOTAL DEPTH: 121.9 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
FAGUC32	0.1	1.8	P	4		C	0	C	C	0	0	1
FAGUC32	1.8	3.0	P			C	0	C	C	0	0	1
FAGUC32	0.C	6.1	G			C	0	C	C	0	0	1
FAGUC32	6.1	6.7	B			0	0	C	C	0	0	1
FAGUC32	0.C	6.7	G			0	0	C	C	0	0	1
FAGUC32	23.C	24.2	P			0	0	C	C	0	0	1
FAGUC32	24.8	24.9	G			C	0	C	C	0	0	1
FAGUC32	34.6	34.8	G			0	0	C	C	0	0	1
FAGUC32	36.6	36.8	G			C	0	C	C	0	0	1
FAGUC32	45.4	45.6	X			0	0	C	C	0	0	1
FAGUC32	67.1	68.7	FG			C	0	C	C	0	0	1
FAGUC32	71.2	71.4	G			0	0	0	C	0	0	1
FAGU032	71.6	71.8	G			0	0	C	C	0	0	1
FAGUC32	88.C	88.9	2S			C	0	C	C	0	0	1
FAGU032	89.5	89.8	S			0	0	C	C	0	0	1
FAGUC32	91.1	91.7	X			C	0	C	C	0	0	1
FAGUC32	91.9	92.2	X			0	0	C	C	0	0	1
FAGUC32	94.8	95.1	S			0	0	C	C	0	0	1
FAGUC32	96.2	96.9	S			0	0	C	C	0	0	1
FAGUC32	101.9	102.1	S			0	0	C	C	0	0	1
FAGU032	104.5	105.5	S			C	0	C	C	0	0	1
FAGUC32	113.1	113.4	S			0	0	C	C	0	0	1
FAGU032	118.2	118.4	S			0	0	C	C	0	0	1

DDH: FAGUC32 UTM-N: 904,907.7 UTM-E: 592,220.3 UTM-ELEV: 1,155.8 TOTAL DEPTH: 121.9 SECTION: W 74
RFE: 52 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	CCND INDICATOR
FAGUC32	1	2
FAGUC32	2	2
FAGUC32	3	2
FAGUC32	4	1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 76-U032

Project: GRUM RELOG

Location: VANGORDA PLATEAU

Claim: _____

UTM
~~Terr.~~ Plane Co-ords.: 6,904,907.68 N

conversion of K-A surveyed grid coords

592,228.2516 E

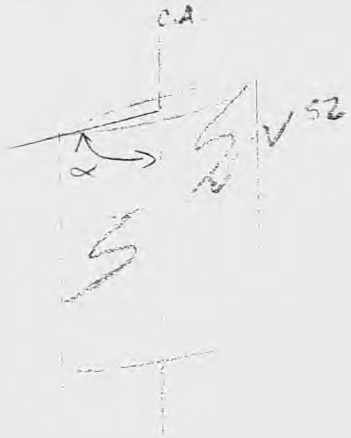
Grid Co-ords.: 74W | 0.5 N

_____

Elevation: 1155.76

Total Depth: 121.9 m

Fabric Orientation Diagram:



All symmetry determinations looking

NW with S2 dipping

SW with dip azimuth 230.

Purpose: _____

Logged by: PN (CE) Date(s) Logged: AUG. 15 | 80

Drilling Contractor: _____

Core: Size From To Collar Cased and Capped: ____

Size	From	To
BQ	0	EOH

Started: FEB 20 | 76 Completed: FEB 23 | 80

Cyprus Anvil Mining Corp.
Diamond Drill Core Log

DDH 716-U032

Code	Drillhole	Elevation	Northing	Easting	Comments
1	2 8	10 16	17 24	25 32	34 48
T	716-U032	1155.8	9049073.7	592228.3	METRES

rounding

222.6 for True North

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2 8	10 14	22 26	28 32	34 56
R	716-U032	0.0	162.9	221.0	AT COLLAR
R	716-U032	331.5	169.0	218.0	SPERRY SUN
R	716-U032	667.1	172.0	216.0	
R	716-U032	997.5	175.0	253.0	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	

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

DDH 76-12032 (2 / 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Logged By: FN

Code	From	To	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
L	10.0	11.8	1	4LD4	10% PbZn; minor 4AD 11.6-11.8; poor recovery (0.8/1.8 m);
L	11.8	13.0	2	4LL0	poor recovery; bleached tan colour 5D4; minor po;
L	13.0	15.1	3	5LB2	calcareous; minor qtz-calcite bands;
L	15.1	12.3	4	4LL0	py in bands & as tension crack fillings; 3 cm. band of py-po at 6.1m; minor PbZn; broken core 6.1-6.7 m; minor gouge at 6.1 & 6.7 m; slightly calcareous; few thin qtz-calcite bands, bands of py-po & minor PbZn 11.4-11.8m;
L	12.3	14.3	5	5LB0	slightly calcareous; minor py, qtz-ankerite tension crack fillings;
L	14.3	14.9	6	4LL2	abundant py-po w/ 4LL clasts 14.6-14.9m;
L	14.9	16.4	7	5LB0	slightly calcareous; minor py, qtz-ankerite tension crack fillings, minor graphite;
L	16.4	19.8	8	5LA0	graphite content decreasing towards bottom of hole;
L	19.8	24.4	9	5LB0	minor graphitic bands; as unit 7; poor recovery 23.0-24.2 m;
L	24.4	25.0	10	5LA0	as unit 8; gouge 24.8-24.9m;
L	25.0	25.9	11	0LQ0	minor py + PbZn;
L	25.9	27.7	12	5LA0	minor py; 4LZ 25.9-26.2m;
L	27.7	[illegible]	13	4LLC	slightly calcareous; 2% PbZn; 4LC [SLL] w/ 4LO clasts
L	30.5	39.9	15	5LB0	slightly talcy; minor thin qtz veins; gouge 34.6-34.8, 36.6-36.8m;
L	39.9	43.3	16	5LD0	bleached buff tan 5C4 43.0-43.3m; minor qtz lenses;
L	43.3	48.3	17	5LB8	chlorite content decreases towards bottom of hole; highly calcareous; breccia 45.4-45.6 m w/ phyllite clasts & a calcite matrix; numerous calcite tension crack fillings;
L	48.3	53.3	18	5LA0	minor qtz-calcite-py bands & tension crack fillings;
L	53.3	54.7	19	4LGE	10% PbZn; py>PbZn heavy coloured sph;
L	54.7	57.5	[illegible]	5LA0	minor py; bleached buff calcareous 5D4 w/ qtz-calcite bands;
L	57.5	67.1	21	5LB2	Calcareous; numerous calcite-ankerite-py tension crack fillings

[illegible] 29.1 [illegible] 25.1 4.3.0 w/ [illegible] but

DDH 76-VO-32 (2 / 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Logged By: PN O

Code	From	To	Unit	Code	Description
L	167	168.7	2B	5B12	fault zone; gouge + minor phyllite;
L	168.7	171.8	2C	5B10	light grey; bleached tan calcareous 5D4 169.9-170.1, 170.5-171.0m; gouge 171.2-171.4m, 171.6-171.8m;
L	171.8	180.1	2H	5BB0	numerous calcite tension qash fillings, green-grey,
L	180.1	180.0	2S	5B10	numerous calcite tension qash fillings; bleached buff-tan green calcareous 5D4 182.9-183.6 m;
L	180.0	188.9	2G	5D14	bleached buff-tan calcareous; sheared in parts;
L	188.9	190.3	2A	5B0	sheared 189.5-189.8 m; qtzose 190.0-190.1m; minor 4A4 190.1-190.3 m (5% PbZn);
L	190.3	192.2	2B	4E0	brecciated 191.1-191.7m; <5% PbZn; messed up brecciated 4L2 191.9-192.2m;
L	192.2	193.0	2A	4C1A	minor py; 1% PbZn; py>>PbZn; few thin bands of 5D4; slightly calcareous;
L	193.0	210.7	3C	5A10	minor py stringers; sheared 194.8-195.1, 196.2-196.9m, 201.9-202.1m, 204.5-205.5 m; abundant py 203.3-204.5 m;
L	210.7	211.1	4	3L1	4L15 poor recovery; 2% PbZn;
L	211.1	212.9	3C	4A1E	0.1% PbZn; minor calcareous fracture fillings;
L	212.9	218.4	3B	5B12	sheared 213.1-213.4m, 218.2-218.4m;
L	218.4	220.2	3H	4A11	2% PbZn; 4L1 w/ minor sulphides 218.4-218.5m; qtz w/ minor py 219.3-219.4 m; bleached 5D4 w/ marcasite, ankerite + py 219.5-220.4 m;
L	221.2	221.9	3G	5A16	<1% PbZn; 090 w/ minor PbZn 220.5-220.7 m; bleached calcareous 5D41 220.7-221.0m; narrow qtz-py bands;
		EOH			
L	191.2	212.2	3S	4L40	minor py stringers (5D4, 590, 5A16);

DDH 76-V-032 (2 / 8)

Cyprus Anvil Mining Corp.
Structural Log

Page ____ of ____

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	
S		47	PSZ			610 2310	minor S sym;
S		1102	PSZ			517 230	
S		1104	FZR				Z sym 10.4 - 13.3m)
S		1127	CSIZ			715 2310	
S		1133	FZR				R region 13.3 - 16.0m;
S		1160	PSIZ			67 2310	
S		1160	FZR				S sym. 16.0 - 27.7m;
S		1204	CSIZ			715 2310	
S		1277	FZS				R region 27.7 - 30.7 m;
S		1285	PSIZ			38 2310	
S		1307	FZR				P region 30.7 - 53.3 m;
S		1339	PSIZ			58 2310	
S		1372	PSIZ			62 2310	
S		1441	PSIZ			715 2310	
S		1508	PSIZ			614 2310	
S		1533	FZP				R region 53.3 - 55.2m; 2/3
							are massive sulphides;
S		1552	PSIZ			713 2310	
S		1552	FZR				Z sym. 55.2 - 62.3 m;
S		1610	CSIZ			712 2310	
S		1623	FZZ				P region 62.3 - 68.8 m; + gouge;
							minor Z sym; S3 at 66.9 m;
S		1668	PSIZ			69 2310	
S		1699	FZP				D region 68.8 - 76.4 m; minor
							Z sym;
S		1741	CSIZ			811 2310	
S		1764	FZD				Z sym 76.4 - 82.9 m; minor S sym;
S		1815	CSIZ			714 2310	
S		1829	FZZ				P region 82.9 - 88.0 m; minor R regi
S		1869	PSZ			618 2310	
S		1880	FZP				R region 88.0 - 93.0; 1/2
							massive sulphides;
S		1920	FZR				P region 93.0 - 107.9 m; S3 at
							102.2 m;
S		1959	PSZ			610 230	
S		2025	PSZ			57 230	

DDH 76-U.0.32 (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		1079	FZ	P			R region 107.9 – 111.4 m; massive sulphides;
S		1099	PSZ			5192310	
S		1111 4	fiz	R			S sym. 111.4 – 121.9 m; D at 117.3 m; min Z sym. at 117.9 m
S		1116 6	CSZ			6112310	
S		1218	CSZ			5882310	
		EOH					

DDH FAGU032 (2 / 8) Cyprus Anvil Mining Corp

Page _____ of _____

Logged by _____

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

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION	KA
	10 14	16 20	22 26	28 30	32 34	36 40	42	
P	00	18	87711	18	11	4DA		1572 K
P	277	294	87722	17	14	4LG	w/4LO Litubands	1573
P	294	305	87733	11	11	4EO	numm mt	1574
P	533	547	87744	14	09	4GE		1575
P	903	922	87755	19	19	4EO		1576
P	922	930	87766	08	08	4EA	(5D4)	1577
P	1079	1114	87777	35	11	4LEO		1578-9
P	1114	1129	87788	15	14	4AEO		1580
P	1184	1192	87799	08	07	4AL		

DDH EAG0032 (2 / 8)

Cyprus Anvil Mining Corp.

Structural Log

Page _____ of _____

Date: _____ Logged By: _____

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
F	000	018	P	4				
F	018	030	P					
F	061	067	B					
F		061	G					
F		067	G					
F	230	242	P					
F	248	249	G					
F	346	348	G					
F	366	368	G					
F	454	456	X					
F	671	687	FG					
F	712	714	G					
F	716	718	G					
F	880	889	ZS					
F	895	898	S					
F	911	917	X					
F	919	922	X					
F	948	951	S					
F	962	969	S					
F	1019	1021	S					
F	1045	1055	S					
F	1131	1134	S					
F	1182	1184	S					

Typed - DHP.

DIAMOND DRILL RECORD

LOGGED BY T. Cross

D.D.H. Nº 76-U32 PAGE 1 of 7

PROPERTY Grum Joint Venture

LATITUDE 10703.10 (or 97'N) 0+40"N. STARTED Feb 20/76

DEPARTURE 7532.66 74"34 COMPLETED Feb 23/76

ELEVATION 1166.37 PROPOSED DEPTH

ULTIMATE DEPTH 121.9

HOLE SURVEY:		
DEPTH	BEARING	DIP
Collar	222°33'30"	-72°51'
110	217°	-79°
220	224°	-82°
320	252°	-85°30'

CLAIM Nº

N

DIRECTION AND DISTANCE FROM N.E. CLAIM POST

Interval From	Interval To	DESCRIPTION	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
0	1.8	Qtz - Sulphs ± Ser.													
		Massive qtz-sulphs ± Ser. Broken core recovery. F24 Ab min 3%. 4% Py, 1% Pb Zn. Spot Mag.	0.85	U1572	0	1.8	1.8	2.48	4.98	35.40					
		C.A. F_2 40° @ 0.6" (F_1 50° to F_2).													
1.8	3.0	Qtz - Ser Phy. Bleached Buff.													
		40% Qtz, sericitic, minor sulphs incl. Po.	0.25/1.2	-	1.8	3.0	-								
3.0	5.4	Qtz Ser Phy. Med. Gray.													
		65% qtz-fels. Fissile.	1/2.4	-	3.0	5.4	-								
		C.A. F_2(?) 50-60°													
5.4	12.3	Qtz - Ser Phy. Bleach Buff.													
		55-60% qtz-fels, 1-2 Py, rare PZ. Massive. Mod. competent.	0.65/1.3		5.4	6.7									
			0.7/0.9			7.6									
		C.A. F_2 50° @ 5.4-9.0", 70° @ 9.3, 60° @ 10.1, 90° @ 10.7, 55° @ 11, 75° @ 11.1-12".	4.7/4.7			12.3									
		F_1 poor, occ. noted.													

LOGGED BY _____ D.D.H. NO 76-U32 PAGE 2 of 7

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
12.3	16.5	QTZ - SER PHY. Altered. Dirty Gray.													
		60-65 % qtz-fels, a few spots py, PZ, po.	4.2/4.2		12.3	16.5									
		C.A. F_2 60-75° undulating. F_1 local sub-v to F_2.													
16.5	26.4	QTZ - SER & GRAPH PHY. Light & Dark Gray.													
		60 % qtz-fels, 0-3 graph. Highly fissile.	1.1/1.8		16.5	18.3									
		Probable shear @ 24.7-25". QTZ_3 band @ 25-26".	0.7/1.5			19.8									
			0.5/1.5			21.3									
		C.A. F_2 65° @ 16.5-18°, 85° @ 18.1-24.3, 60° @ 24.5, 30° @ 26.3.	0.05/1.6			22.9									
			0.75/2.1			25.0									
			0.65/1.9			26.4									
26.4	27.8	QTZ - GRAPH - SER PHY. Dk. Gray to Black.													
		45 % qtz-fels. Highly fissile, shearing noted.	0.55/1.4		26.4	27.8									
		C.A. 30°													
27.8	30.5	QTZ - SER PHY w/ SULPHS. Bleached Ser.													
		From sericitic @ 27.8" to v. siliceous @	0.2/0.4	—	27.8	28.2	-								
		27.8-28.2". Sericitic, negli sulphs.	1.05	U1573		29.3	1.1	.48	.33	8.23			0.81963		✓
		-29.3: 15 Py, 1 PZ, sericitic.	1.2	4		30.5	1.2	2.43	1.40	41.49			4.38 Pb Eq		✓
		-30.5: 50 Py, 8 PZ.													
		C.A. 30° @ 28.2. 50° @ 29.3, 60° @ 30.3													
30.5	41.1	QTZ - SER PHY. Med. Gray.													
		70 % qtz-fels, 1-3 mm striped banding, mod.	4.5/6.1		30.5	36.6									
		fissile. Shears @ 32.1", 34.6-34.9, 36.7. Local F_2.	0.8/1.5			38.1									
		34.3-35.3": slightly calcitic.	0.15/1.5			39.6									

LOGGED BY R. Clow D.D.H. NO 76-032 PAGE 3 of 7

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		C.A. F_2 55° @ 31.6 - 41'. F_1 gen. sub-vert. to F_2.	0.55/1.5		39.6	41.1									
41.1	43.3	QTZ - SER - CHL - CALC PHY. Pale Green Gray.													
		50% qtz-fels, 5-10 CHL, 3 calc. Massive.	0.9/1.6		41.1	42.7									
		C.A. F_2 50° @ 41.2, 80° @ 42.2, 60-70° @ 42.6. F_1 90° to F_2.	0.6/0.6			43.3									
43.3	47.2	QTZ - SER - CALC PHY. Light Gray.													
		60% qtz-fels, faint striped-banding (1-3mm). Many tension cracks, qtz-calc filled.	3.0/3.9		43.3	47.2									
		45.3 - 45.6': re-cemented phy. breccia													
		C.A. F_2 80°. Local F_1 in qtzose bands, sub-v F_2.													
47.2	48.3	QTZ - SER PHY. Light Gray.													
		Similiar to 43.3 - 47.2' except no Calc. F_2 80°.	1.1/1.1		47.2	48.3									
48.3	53.4	QTZ - SER - GRAPH PHY. Dark Gray.													
		65% qtz-fels. Highly fractured - wide, qtz-filled. Non-competent.	0.85/2.0		48.3	50.3									
		C.A. F_2 50° @ 48.5', 65° @ 51, 55° @ 51.5 - 53'.	2.2/3.1			53.4									

LOGGED BY D. Elsom D.D.H. NO 86-032 PAGE 4 of 7

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
53.4	54.7	MASSIVE SULPHS													
		Massive, hard. 75 Py, 10 Pz	0.95	V1573	53.4	54.7	1.3	5.12	8.92	98.74			14.04		
		C.A. 65° @ 53.7, 55° @ 54.6		WT.A.	53.4	56.4	3.0	2.22	3.87	42.8					
54.7	62.5	QTZ-SER-GRAPH PHY. [redacted] DK. GRAY.													
		55% qtz-fels, 1-3 Graph. thinly foliated, massive phyllite.	7.8/7.8		54.7	62.5									
		Local F_1, 60°-90° to F_2.													
		C.A. F_2 60-75°													
62.5	67.1	QTZ-SER PHY. Light to Med. Gray.													
		60% qtz-fels, thinly laminated, massive phy.	4.5/4.6		62.5	67.1									
		C.A. F_1 local, 60-90° to F_2. F_2 60-75°													
67.1	68.7	FAULT ZONE (in above Phy)													
		Crushed phy. + gouge.	1.0/1.6		67.1	68.7									
68.7	71.9	QTZ - SER PHY. Light Gray.													
		70-75% qtz-fels, parts striped (1-4 mm banding).	3.0/3.2		68.7	71.9									
		Poor to well developed F_1. Shear @ 71.2 - 71.4', & 71.6 - 71.9'.													
		C.A. 60° @ 69-70', 65° @ 70.4, 75° @ 71													

LOGGED BY D. Chow D.D.H. NO 76-032 PAGE 5 of 7

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
71.9	80.1	QTZ - SER PHY. Light Gray, Striped. (-CALC / FS calc.)													
		65-70% qtz-fels. 1-4 mm striped banding w/ mod. developed F_1. Parts readily along foliation planes.	1.3/1.3		71.9	73.2									
		Major slip @ 77m.	6.9/6.9			80.1									
		A few tension cracks per meter, all qtz-calc filled.													
		C.A. F_2 85-85° @ 71.9-77m, 55° @ 77.2-80. F_1 sub-vert. to F_2.													
80.1	87.4	QTZ - SER PHY. Light to Med. Gray.													
		50% qtz-fels. Tightly foliated and striped-banded mixed. Local F_1 poor.	7.1/7.3		80.1	87.4									
		80.1 - 81m : highly sheared.													
		-82.3 : " - fractured, qtz-filled.													
		-87.4 : blocky													
		C.A. F_2 55° @ 80.3, 80° @ 81.2, 45° @ 81.6, 75° @ 82.1 (F_1 sub-v to F_2). 55° @ 83.5, 70° @ 84.7, 60° @ 85, 80-85° @ 85.3-86.6, 65-75° @ 86.7-87.4.													
87.4	90.3	SHEAR ZONE & FAULT in Qtz-Ser Phy.													
		87.4-87.8m : L. Gray Phy - sheared, minor brecciation.	1.0/1.0		87.4	88.4									
		-89.0 : Bleached buff - sheared w/ brecciation @ 88.8-89.	0.25/1.3			89.7									
		-89.3 : Gray Phy - Sheared & faulted @ 89.7.													
		-90.3 : Qtz-Ser-Sulph - sulph breccia.	0.35/0.4			90.1									
		C.A. F_2 50° @ 87.9, 45° @ 89.9													
90.3	92.0	MASSIVE SULPHS													
		Mass. sulphs w/ rich & low grade Pb Zn sections.	2.1	W1576	90.1	92.3	2.2	3.90	4.50	49.31			8.58	9.90	108.61 ✓
		Mostly banded, shear breccia. Upper & lower contact @ 30 & 20°, sharp, appear to be slip contact but													

LOGGED BY D. Thom D.D.H. NO 76-032 PAGE 6 of 7

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		probably F_1. Both walls show minor Pb Zn. Av. 75 Py, 14 Pz.													
		C.A. 75° @ 90.5, @ 91'.													
92.0	93.0	QTZ - SULPH - SER													
		70% qtz, 20 Py. 92 - 92.3': 5 Pz, 92.3 - 93 = no Pz.	0.6	W1577	92.3	93.0	0.7	.25	.23	9.94			0.18	0.16	6.96 ✓
				WT A	89.9	93.0	3.1	2.83	3.25	37.3			8.76	10.06	115.57
		C. A. F_1(?) 55° @ 92.4, 70° @ 92.7.													
93.0	107.9	QTZ SER - GRAPH w/ Minor Sulphs.													
		55% qtz-fels, 1-3 graph; negli py fr. 93 - 100.6',	0.8/1.5 1.2/1.5		93.0	94.5 96.0									
		3 py fr 100.6 - 103.2', 15 py fr 103.2 - 105', negli py fr 105 - 107.9'. 2 Pb Zn fr. 103.2 - 104.2'.	0.7/1.5 0.07/1.6			97.5 99.1									
			0.17/1.5 2.4/2.6			100.6 103.2									
		Shearing @ 94.7 - 95.1', 96.3 - 97.2, 101.9 - 102.1, 105 - 105.8'.	0.9/1.0 1.6/1.5			104.2 106.7		2 Pb Zn, Est							
		Rock fissile, a few slips.	0.35/1.2			107.9									
		C.A. 55 - 70° (contorted) fr 93 - 94.5, 60° @ 94.7, 40° @ 95.1, 60° @ 95.9, F_2(?) noise @ 96.6 - 97.2, 75° @ 99.1, 70 - 75° @ 100.6 - 102, 65° @ 102.2 - 103.6, 40° @ 103.7, 0° @ 105.4 (sheared on F_1), 65° @ 106.3 - 107.													
107.9	113.0	QTZ - SULPHS ± SER ± GRAPH.													
		Mainly Qtz-Sulphs w/ minor Ser + Graph, plus bands of massive to near mass. sulphs. Generally low to mod. grade Pb Zn but mingzn. erratic. Av. 25 Py, 2.5(?) Pz.	0.3	W1578	107.9	109.7	1.8	1.40	1.90	25.37			3.42	3.42	45.666
		107.9 - 111.3': Recovery v. poor.	0.5	9		111.3	1.6	1.30	.88	17.14			2.08	1.408	27.424
			1.25	W1580		113.0	1.7	.50	.45	9.94					✓
		C.A. 60° ± 5°.		C.A	107.9	111.3	3.4	1.62	1.42	21.5	(3.09 Pb Ag)		5.50	4.823	73.10 ✓

LOGGED BY [illegible] D.D.H. Nº 76-032 PAGE 7-7

Interval From	Interval To	DESCRIPTION	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
113.0	118.3	Qtz - Ser Phy. Light Gray.													
		55% qtz-fels. 1-5 mm. qtz vns banding w/ poor to well developed F_1. Rock mod. firm.	5.2/5.3		113.0	118.3									
		113 - 113.4 : Shear, rock crushed. Lower contact 55° 118.2 - 118.8 : Shear, partly crushed rock.													
		C.A. F_2 70-60°. F_1 sub-v. to F_2.													
118.3	121.2	Qtz - Ser Phy. Soft Bleached Graph - Brit.													
		65% qtz-fels. Upper contact 20°. lower contact 80°. Lower and qtz vein w/ graphitic partings.	1.1/1.9		118.3	121.2									
		C.A. F_2 20-0° @ 118.4 - 118.7, 60° @ 120.3. F_1 II core @ 121.													
121.2	121.9	Qtz - Graph Phy w/ Sulphs.													
		70-75% qtz-fels, 5-10 graph. & Py, Spots Pf. Massive, siliceous, many fractures.	0.6/0.7		121.2	121.9									
		C.A. F_2 75-60°, F_1 45 to 90° to F_2.													
	121.9	End Of Hole.													
		Remarks: Drilling difficult because the hole had to be reamed many times. JC.													

DRILL HOLE : FAGU033
NORTHING : 904,905.1
EASTING : 592,225.9
ELEVATION : 1,158.8
TOTAL DEPTH : 21.8
SECTION : W 74
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS CRE-SAMPLES: 3
NOS DOWN-H-SURVEYS: 1
NOS DOWN-H-LITHOLOGY: 9
NOS DOWN-H-STRUCTURE: 14
NOS DOWN-H-FAULTS: 0
NOS DOWN-H-SPLINES: 1
NOS COMPOSITES: 0

DDH: FAC 33 UTM-N: 904,905.1 UTM-E: 592,225.9 UTM-ELEV: 1,153.8 TOTAL DEPTH: 21.3 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	ASSAYS S.G. PULP	CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
2.7	4.9	08780	2.2	2.0	4ELG	3.16	.16	2.60	2.05	41.00		.69	3	12	16						
6.2	7.0	08781	.8	.8	4E7#	4.34	.25	5.70	6.70	88.00		.34	12	14	26						
7.0	7.8	08782	.8	.8	4GE4	2.96	.07	7.00	10.20	107.00		.82	2	18	20						
WEIGHTED AVERAGE																					
2.7	4.9		2.2	2.0		3.16	.16	2.60	2.05	41.00		.69	3	12	16						
6.2	7.8		1.6	1.6		3.65	.16	6.35	8.45	97.50		.58	7	16	23						

DDH: PAGU033 UTM-N: 904,905.1 UTM-E: 592,285.9 UTM-ELEV: 1,158.8 TOTAL DEPTH: 21.8 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	45.000	224.000

DDH: FAGU033 UTM-N: 904,905.1 UTM-E: 592,225.9 UTM-ELEV: 1,155.8 TOTAL DEPTH: 21.8 SECTION: W 74
RFE: 52 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	INC
2.4	OCO1	5C4#		0.5-	1
5.1	OCO2	4EC	(4LO [5D4*]) (4G4)	0.5-	1
6.2	OCO3	5D4#		0.5-	1
7.2	OCO4	4E7#	4	0.5-	1
7.8	OCO5	4G4	(4E4)	0.5-	1
11.1	OCC6	5C4#	[5C4#]	0.5-	1
12.7	OCO7	5B20		0.5-	1
15.4	OCC8	5C4#	(4LO)	0.5-	1
21.9	OCC9	5BC	(5AO) (5D4#)	0.5-	1

DDH: FAGUC33 UTM-N: 904,905.1 UTM-E: 592,225.9 UTM-ELEV: 1,138.3 TOTAL DEPTH: 21.6 SECTION: N 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	S0 DIRECT	S1 ANGLE	S1 DIRECT	S2 ANGLE	S2 DIRECT	RFE CDE	DHCC	SDC	PROCESS
FAGUC33	0.0	1.1	PS2		0	0	0	0	51	230	0	1	1	1
FAGUC33	0.0	5.5	PS2		0	0	0	0	73	230	0	1	1	1
FAGUC33	0.0	5.8	PS2		0	0	0	0	56	230	0	1	1	1
FAGUC33	0.1	11.1	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGUC33	0.0	12.0	CS2		0	0	0	0	65	230	0	1	1	1
FAGUC33	0.0	12.7	CS2		0	0	0	0	70	230	0	1	1	1
FAGUC33	11.1	12.7	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGUC33	12.7	15.4	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGUC33	0.0	15.4	CS2		0	0	0	0	50	230	0	1	1	1
FAGUC33	0.0	16.9	CS2		0	0	0	0	50	230	0	1	1	1
FAGUC33	0.0	19.3	CS2		0	0	0	0	58	230	0	1	1	1
FAGUC33	0.0	19.7	CS2		0	0	0	0	50	230	0	1	1	1
FAGUC33	0.0	21.8	CS2		0	0	0	0	63	230	0	1	1	1
FAGUC33	15.4	21.9	CS2	M	0	0	0	0	0	0	0	1	1	1

CDH: FAGUC33 UTM-N: 964,905.1 UTM-E: 542,225.9 UTM-ELEV: 1,158.8 TOTAL DEPTH: 21.8 SECTION: W 74
RFE: 52 RFE DIR: 230 PLUNGE ANGLES: 11 312 CHD CALC: 1 SS CALC: 1

CDH	SEGMENT NOS	COND INDICATOR
FAGUC33	1	1

**THIS REPORT WAS REQUESTED BY: LEEP .GEOLOGY AT: 10:01:34

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 76-U33

Project: GRUM

Location: VANGORDA PLATEAU

Claim: _____

UTM
~~Terr.~~ Plane Co-ords.: 6,904,905.08 N

592,225.90 E

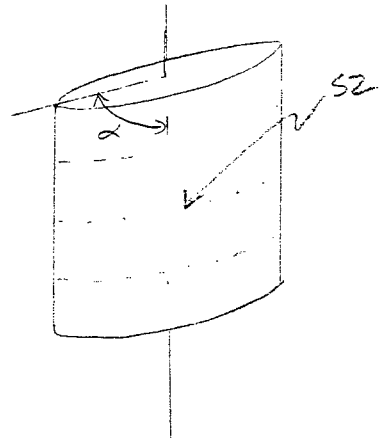
conversion of K-A surveyed coords

Grid Co-ords.: 74W / 0.5N

Elevation: 1158.80

Total Depth: 21.9

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 27/80

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

Size	From	To
BQ	0	EOH

Started: FEB. 23/76 Completed: FEB. 24/76

Cyprus Anvil Mining Corp.

Diamond Drill Core Log

DDH 76-U033

Code	Drillhole	Elevation	Northing	Easting	Comments
1	2 8	10 16	17 24	25 32	34 48
T	76-U033	1158.8	9049051.1	592225.9	METRES

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2 8	10 14	22 26	28 32	34 56
R	76-U033	0 0	45.0	224.0	ATCOLLAR
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	

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

DDH 76-U033 (2 / 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Page ____ of ____

Logged By: PN

Code	From	To	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
L	10.0	12.7	1	5D14	calcareous; bleached colour w/ elongated chl. blebs; py blebs < 2mm. in diameter scattered throughout qtz-sericite bands w/ minor mt 1.1-1.2m; elsewhere minor py stringers;
L	12.7	14.9	2	4,E,L-0	; 4G4 2.8-3.1 m w/ honey-coloured sph (10% PbZn); minor qtz-calcite veins; approx. 2% PbZn overall; minor mt;
L	14.9	16.2	3	5D14	calcareous, w/ manganite blebs; interbanded w/ qtz-calcite layers;
L	16.2	17.0	4	4,E,17	10% PbZn, possibly barite bearing (?); calcareous somewhat banded; py > PbZn;
L	17.0	17.8	5	4G1E4	10% PbZn; honey-coloured sph;
L	17.8	1.1.1	6	5D14	bleached calcareous w/ blebs of manganite 7.8-8.5 m; QQQ w/ calcite, py, gal blebs 8.5-9.0 m; 4L247 10.4-10.7 m; bleached calcareous tuffaceous 5D w/ lt. dense present 9.0-10.4 m;
L	1.1.1.1	12.7	7	5E12	phyllite interbanded w/ qtz-calcite bands, minor small py blebs; calcite fracture fillings;
L	12.7	15.4	8	5D14	minor thin interbands of 4L0, bleached calcareous w/ py blebs & stringers, QQQ w/ py, gal calcite 13.9-14.0, 15.0-15.3 m; thin interbands of qtz-calcite present
L	15.4	21.9	9	5B10	5A0 15.1-15.5 m; calcareous 5D4 17.1-17.7 m; qtz-calcite bands & veins less abundant towards EOH, minor py, po blebs; calcite & ank. fracture crack fillings;
	EOH				

DDH 76-11.033 (2 / 8)

Cyprus Anvil Mining Corp.
Structural Log

Logged By: PN

Code	From	To	Feature	Sym	S_1 Dip Direct.	S_2 Dip Direct.	Description
	10 14	16 20	22 24	26	28 32	34 38	
S		11.1	PIS12			511 2310	
S		55	PIS12			713 2310	
S		58	PIS12			516 2310	
S		111	FI2	R			S Sym 11.1 – 12.7m;
S		120	CIS12			615 2310	
S		127	CIS12			710 2310	
S		127	FI2	S			R Region 12.7 – 15.4 m,
S		154	FI2	R			M Region 15.4 – 21.9m; S/Z = 21;
S		154	CIS12			510 2310	
S		169	CIS12			510 2310	
S		193	CIS12			518 2310	
S		197	CIS12			510 2310	
S		218	CIS12			613 2310	
		EOH					

DDH EA-84-033 Cyprus Anvil Mining Corp Page ____ of ____

KA

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

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
	10 14	16 20	22 26	28 30	32 34	36 40	42
1581 1582 P	12.7	49	87801	22	20	HELO	(464) main mt 4.9-6.2 not sampled. 0'). (waste) ~~sulphides~~ sulphides;
1583 P	62	70	87811	08	08	HE7	
P	70	78	87812	08	08	HBHE4	

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

Typed - MP.

DIAMOND DRILL RECORD

LOGGED BY J. Chow

D.D.H. Nº 76-U33 PAGE 1 of 2.

PROPERTY Grum Joint Venture

LATITUDE 10 700.57 0+85 N STARTED Feb 23/76

DEPARTURE 7530.24 74 W 3.3 COMPLETED Feb 24/76

ELEVATION 1169.11 PROPOSED DEPTH

ULTIMATE DEPTH 21.9 metres

HOLE SURVEY:		
DEPTH	BEARING	DIP
Collar	224° mag	-45°

CLAIM Nº

N

DIRECTION AND DISTANCE FROM N.E. CLAIM POST

Interval From	Interval To	DESCRIPTION	Recovery Metres	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	2.8	Qtz - Ser Pay. Bleached Grayish Buff.													
		60-70% qtz-feld, a few bands py @ both ends,	0.4		0	1.5									
		no PbZn. A few stroke fschite.	1.0/1.3			2.8									
		C.A. 60° @ 1.3 - 2.6, 45-60° @ 2.8m.													
2.8	6.2	Qtz - Ser Pay w/ Sulphides. Bleached Buff Ser.													
		Similar Pay as above w/ bands minor & mass.	0.6	U1581	2.8	3.4	0.6	4.43	3.25	71.66	7.68		2.658	1.95	42.996
		sulphs.	1.3	U1582		5.1	1.7	1.10	1.13	19.20	2.31		1.87	1.921	32.64
		2.8 - 2.95m : Qtz-Sulph, 35 Py, 5 Pz.	0.9/1.1	—		6.2	—	—	—	—			0	0	0
		- 3.4 : Qtz - Sulph - Ba, 55 Py, 11 Pz, 4 Ba. 20° contact (fold?) @ 2.95.													
		- 4.9 : Qtz - Ser - Sulphs, 5 Py, 0.3 PbZn.													
		- 5.1 : Qtz - Sulphs, 40 Py, 8 Pz, 2 Mag.													
		- 6.2 : Qtz - Ser, 10 Pz.													
		C.A. 50° @ 3.0 - 6.0'													
6.2	7.8	Massive Sulphs w/ Barite													
		mass. fg. sulphs w/ rich bands of pyrite and/or	1.6	U1583	6.2	7.8	1.6	6.05	7.93	88.80	13.48		9.68	12.688	142.08
		PbZn: 6.2 - 7.0m : 45 Py, 20 Po, V12(?) Pz,		WT Av.	2.8	7.8	5.0	2.84	3.31	43.54			14.208	16.559	217.716
		7.0 - 7.8 : 70 Py, " 20 " "													
		C.A. 55° @ 6.3, fold nose @ 6.6, 60° @ 6.8, 70° @ 7m, 90° @ 7.3, 80° @ 7.7. 50° Contact @ 7.8m.													

LOGGED BY J. L. Chow D.D.H. NO 76-U33 PAGE 2 of 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
7.8	15.4	QTZ- Ser Phy. Bleached Grayish-Buff.													
		70-80 % qtz-fels. Quartzy, siliceous & hard except band of Gray Phy @ 11.1 – 12.6'. Fuschite @ 7.1 – 8.4'.	7.6/7.6		7.8	15.4									
		Spot of PZ @ 8.5 & 9.9', 40py TPZ @ 10.45-10.6'.													
		C.A. 0° @ 7.9', 35° @ 9.3, 80° @ 10, 70° @ 11.2, 60° @ 11.7 – 12.4, 80° @ 12.8-13.3, 60° @ 13.4 – 15.4 (F. sub-r fr, 11 core @ 13.4 - 13.6 [redacted] 1-5 cm.)													
15.4	21.9	QTZ- Ser Phy. Med Gray.													
		65-60 % qtz-fels, decreasing towards 21.9'. Mild alteration extends to 18', qtz bands to 16.8'. Rock blocky.	5.5/6.5		15.4	21.9									
		C.A. 60-65° @ 16.2-18', 80° @ 18.1, 65° @ 18.8, 60° @ 20.7-21.9.													
	21.9	END OF HOLE.													

FAGU058

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

DETAIL RECORD COUNTS:

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

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

DEPTHS FROM	DEPTHS TO	SAMPLE NO.	INT.	REC.	ROCK UNIT	S.G. PULP	ASSAYS CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
.0	2.1	06950	2.1	1.5	4E4	4.74	.26	2.70	3.10	41.00	43.00	1.85	1	37	38						
2.1	4.2	06951	2.1	2.1	4E4	4.92	.28	4.79	7.40	58.99		2.81	1	35	37						
4.2	5.9	06952	1.7	1.3	4G4	4.80	.27	6.40	9.30	105.00		1.98		21	22						
5.9	7.6	06953	1.7	1.5	4G4	4.67	.17	7.20	12.69	163.00		2.06		15	15						
7.6	9.0	06954	1.4	1.3	4E4	4.59	.07	7.49	12.40	99.00		1.16	1	27	29						
9.0	9.7	06955	.7	.5	5C*	2.93	.01	.17	.31	1.99		.20	6	1	8						
9.7	10.2	06956	.5	.5	4L0	3.37	.02	.66	1.05	6.99		.27	3	13	17						
10.2	11.7	06957	1.5	1.3	4E4	3.74	.07	1.77	3.29	36.00		.62	6	21	27						
11.7	13.0	06958	1.3	1.2	5A6	3.00	.05	.42	.58	3.00		.20	3	4	7						
13.0	13.7	06959	.7	.6	5C3	3.68	.16	3.89	7.09	80.00		.40	6	15	21						
13.7	14.7	06960	1.0	1.0	5B12	2.99	.04	.62	1.31	6.00	10.00	1.16	3	2	5						
14.7	15.7	06961	1.0	.8	4E4	4.83	.28	9.59	19.80	139.00		.34	2	20	23						
15.7	16.6	06962	.9	.8	4G4	4.55	.24	5.79	15.90	86.00		.47		16	17						
16.6	17.6	06963	1.0	1.0	4E4	4.59	.40	5.79	15.49	87.00		1.85	1	23	24						
17.6	13.5	06964	.9	.9	4E4	4.40	.17	7.40	18.00	119.99		1.98	1	24	25						
26.6	28.3	06965	1.7	1.5	4E10	3.20	.11	.76	.80	7.99		.20	8	12	20						
87.1	88.3	06966	1.2	1.1	4E84	4.42	.20	6.79	3.49	72.00		1.16	12	25	37						
88.3	89.4	06967	1.1	1.0	4E84	4.50	.20	7.99	3.39	97.00		1.78	6	28	35						
89.4	91.1	06968	1.7	1.4	4E0	4.46	.34	.55	.40	21.00		1.30	3	39	42						
91.1	92.7	06969	1.6	1.5	4E0	4.44	.31	.52	.64	19.00		1.23	2	38	40						
92.7	94.3	06970	1.6	1.2	4E4	4.32	.14	4.70	4.29	78.00		1.58	2	30	32						
94.3	96.3	06971	2.0	1.9	4E0	4.57	.20	1.87	1.11	47.00	48.00	1.64	1	36	37						
96.3	98.0	06972	1.7	1.7	4E4	4.08	.20	3.20	1.60	58.99		1.51	4	28	33						
98.0	98.6	06973	.6	.3	5D4$	3.33	.14	.28	.17	13.99		.40	4	15	19						
98.6	99.8	06974	1.2	.9	4E4#	4.04	.08	5.92	7.20	92.00		.81	4	19	24						
WEIGHTED AVERAGE																					
.0	18.5		18.5	16.3		4.28	.18	4.52	8.39	72.45	5.42	1.38	2	21	23						
26.6	28.3		1.7	1.5		3.20	.11	.76	.80	7.99		.20	8	12	20						
87.1	99.8		12.7	11.0		4.31	.21	3.36	2.37	54.88	7.55	1.35	4	30	35						

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

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

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

DEPTH	UNIT	CODE	DESC	RECOVERY	INC
4.2	0001	4E4	&POROUS (4E0)	0.5-	1
7.6	0002	4G4	(4E46)	0.5-	1
9.0	0003	4E4	&6 &1 (5B16) MINOR	0.5-	1
9.7	0004	5C*	(5C3) 70:30	0.5-	1
10.2	0005	4L0	(4C0) (5D&)MINOR	0.5-	1
11.7	0006	4E4	(5B126)(4E14SERICITIC)47:13:40	0.5-	1
13.0	0007	5A6	(5B126)	0.5-	1
13.7	0008	5C3	(4E4) (4E1)	0.5-	1
14.7	0009	5B12	6	0.5-	1
15.7	0010	4E4	(4G4)	0.5-	1
16.6	0011	4G4		0.5-	1
18.5	0012	4E4	(4G4) 75:25	0.5-	1
22.7	0013	5B26	9 SPHAL (5A69) (5B1269)	0.5-	1
23.7	0014	3D7	&9 BIO	0.5-	1
26.6	0015	3GC		0.5-	1
28.3	0016	4E10	BXA	0.5-	1
28.9	0017	4L1		0.5-	1
38.4	0018	5B0	(5B20)	0.5-	1
39.7	0019	5B0	(5D0)	0.5-	1
44.2	0020	5C3	(5B80)	0.5-	1
52.3	0021	5D0		0.5-	1
53.2	0022	5E4	[5C43]	0.5-	1
58.4	0023	5DC	[5F3] [5B80]	0.5-	1
66.8	0024	5B80	[5D0 PHYLLITIC]	0.5-	1
69.0	0025	58C	&2 (5D0)	0.5-	1
70.0	0026	5DC		0.5-	1
73.1	0027	560	[5D0 PHYLLITIC]	0.5-	1
82.3	0028	5D0		0.5-	1
84.2	0029	5B40	&6 [5D0 PHYLLITIC]	0.5-	1
85.8	0030	10Q0		0.5-	1
87.1	0031	5B6		0.5-	1
89.4	0032	4E84		0.5-	1
92.7	0033	4E0		0.5-	1
94.3	0034	4E4		0.5-	1
96.3	0035	4E0	(4E4)	0.5-	1
98.0	0036	4E4	(4E0)	0.5-	1
98.6	0037	5D4$	[5F4$] (4E0)	0.5-	1
99.8	0038	4E4#	&POROUS	0.5-	1
106.6	0039	4LC	&2 &3	0.5-	1

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

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

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

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

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

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

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

CYPRUS ANVIL MINING CORPORATION

Page 1 of 8

DIAMOND DRILL CORE LOG

Date: 1 July /81

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

Project: GRUM

Location: SECTION 76 W

Claim:

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

592 227.5 E

(Conversion of surveyed coordinates K-A) Grid Co-ords: 2+19m N

76+00m W.

Elevation: 1125.7m

Total Depth: 106.6m

Purpose: RELOG GRUM

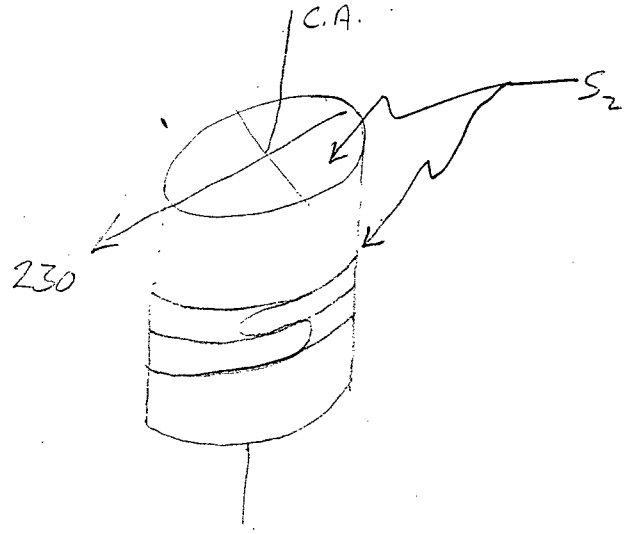
Reason hole Terminated:

Logged by: GG

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

Drilling Contractor: CAMERON McCUTCHEON

Reference Fabric Orientation Diagram:



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

Size	CORE From	To
BQ	0.0	106.6m

Collar Cased and Capped: ____

Hole Cemented:

Steel down hole:

Started: 5 APRIL/76 Completed: 6 APRIL/76

Cyprus Anvil Mining Corp.

Diamond Drill Core Log

DDH FAGU058

Code	Drillhole	Elevation	Northing	Easting	Comments
1	2 8	10 16	17 24	25 32	34 48
T	FAGU058	1125.7	9050102.4	592227.5	MEITRIELS

223.7 for True North

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2 8	10 14	22 26	28 32	34 56
R	FAGU058	0.0	88.3	222.1	ATCOLLAR
R	FAGU058	716.2	92.0	230.0	SPERRY SUN
R	FAGU058	1061.7	92.0	228.0	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	

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

DDH FA.G.U.0.58 (2 / 8)

Cyprus Anvil Mining Corp.

Page 3 of 8

UNITS = METRES

Lithologic Log Date: 30 JUNE/81 Logged By: GG

Code	From	To	Recov.	No.	Unit	Description	F/W CNT TYPE	F/W CNT Δ
1	10 14	16 20	22 24	26 28	30 34	35		
L	00	42		001	4E4	+(4E0) + (4E4 - POROUS CAMS TOWARD F/W) → NOTE - THIS IS A HORIZONTAL DDH - F/W IS CONSIDERED TO BE AWAY FROM THE DRILL COLLAR; 0.0 - 0.3 - 4E4 - HIGH GRADE	PROB	11S2
L	42	76		002	4G4	+ (4E64) - HONEY SPHAL + 40% BARITE IN 4G4;		11S2
L	76	90		3	4E4	±6±1; HIGH GRADE; + (minor 5B16)	PROB	11S2
L	90	97		4	5C*	ANK/DOLO + [5C3 @ 9.0 - 9.2) FUCHSITE 4% @ 9.0 - 9.4 m) [5F*?]		11S2
L	97	102		5	4L0	+(4C0) : BRECCIA @ 10cm H/W = 4L0 CLASTS IN 4C0 MATRIX - PROB NOT FAULTED; + (5D* ANK - MINOR)	5cm BRECCIA 4E4+QZ IN 4L0	
L	102	117		6	4E4	+ (5B12 @ 10.9 - 11.1) + (4E4 - SILICIFIED @ 11.1 - 11.7m)		11S2
L	117	130		7	5A6	+ (5B12 6)		11S2
L	130	137		8	5C3	+ (1% FUCHSITE/ANK) + (4E4) + (4E1) F1 FOLD? (NO NOSE SEEN)	RUBBLE PROB	11S2
L	137	147		9	5B12	/6/ - 5A1 - ROUNDED RIP-UP CLAST @ H/W;		11S2
L	147	157		10	4E4	+ (4G4) - 2cm H/W PØ;		11S2
L	157	166		11	4G4	HONEY + LT. ORANGE SPHAL; 25% BARITE;		
L	166	185		12	4E4	+ (4G4 @ 17.1 - 17.6 AS UNIT 11); PØ AT 5cm F/W - POSS FOLD CORRELAT'N OF UNIT 10;?		11S2
L	185	212		13	5B2 6	/9/ → 0.5% SPHAL + (5A69) + (5B1 269 @ 22.2 - 22.7m)		11S2

DDH EAG.0.0.5.8 (2 8) Cyprus Anvil Mining Corp. Page 4 of 8

UNITS = METRES Lithologic Log Date: 30 JUNE/81 Logged By: GG

Code	From	To	Recov.	No.	Unit	Description	F/W CNT TYPE	F/W CNT 4
1	10 14	16 20	22 24	26 28	30 34	35		
L	212.7	213.7		1.14	3D(?)	±9 → SPHAL, GALENA, PY IN		1½
						CALCITE VEINLETS; SHARP CONTACTS.		
						BROWN TINT DUE TO		
						BIOTITE (KIND OF A		
						STRANGE UNIT); GREEN LAMS = CHLORITE		
L	213.7	216.6		1.15	3G210	TRACE SULPHIDES = PO + PY.	PROB	1½
L	216.6	218.3		1.16	4E14	[BRECCIA] - 4LO + ANK. CHERT?		1½
						CLASTS IN OPEN 4E14 HEALED MATRIX		
						+ (10cm H/W 4B0 - SERICITIC)		
L	218.3	218.9		1.17	4L1		GRADES 10 cm	1½
L	218.9	318.4		1.18	5B3	SERICITIC @ 1m H/W;		1½
						+ (5B23)		
L	318.4	319.7		1.19	5B3	+ (5D3);		1½
						GOUGE @ 38.9 - 39.0 m;		
L	319.7	442.2		2.10	5C3	CALCITIC WITH CHLORITE STREAKS		1½
						+ (5B83) → BOTH MIXED		
						IN BLEBBY BOUDINAGED (?)		
						MASSES THROUGHOUT UNIT;		
L	442.2	523.3		2.11	5D3	MASSIVE; SOME CALCITE		1½
						LAMS @ 30cm H/W & F/W		
						(FOLDED?)		
L	523.3	532.2		2.12	5E4	[5C43?] LOOKS LIKE	GRADES 20cm	1½
						5C BUT LACKS CHLORITE;		
L	532.2	584.4		2.13	5D3	SERICITE, CHLORITE & CALCITE		1½
						LAMS; [5F3]		
L	584.4	668.8		2.14	5B83	± CALCITE LAMS [5D3 - PHYLLITIC]		1½
L	668.8	670.0		2.15	5B3	±2 + (5D3)		1½
L	670.0	700.0		2.16	5D3	± CALCITE LAMS		1½
L	700.0	731.1		2.17	5B3	± CALCITE LAMS [5D3 - PHYLLITIC]		1½
L	731.1	823.3		2.18	5D3	± CALCITE LAMS		1½
L	823.3	847.2		2.19	5B43	±6 [5D3 - PHYLLITIC - ASS'D	~	1½
						WITH QZ VNS		
L	842.2	858.8		3.10	1.0Q0	+ FRAGS OF 5B/D;		1½
L	858.8	871.1		3.11	5B6	FINE GRAINED; LIGHT GREY;		1½
L	871.1	894.4		3.12	4E84			1½
L	894.4	927.7		3.13	4E0	+ (30cm H/W 4E8)		1½

DDH EAGU05-8 (2 / 8)

Cyprus Anvil Mining Corp.

Page 5 of 8

UNITS = METRES

Lithologic Log

Date: 30 June/81 Logged By: GG

Code	From	To	Recov.	No.	Unit	Description	F/W CNT TYPE	F/W CNT %
1	10 14	16 20	22 24	26 28	30 34	35		
L	1927	1943		314	AEA1			11S2
L	1943	1963		315	AE01	+(4E4)		11S2
L	1963	1980		316	AE41	+(4E0); 2cm QZ @ 40cm F/W;		11S2
L	1980	1986		317	5D41*	DOLO [SF4*] + (4E0)	PROB	11S2
L	1986	1998		318	AE41*	± POROUS; HIGH GRADE; CALC.		11S2
L	1998	10166		319	4L01	±2 ±3		
						END OF HOLE @ 106.6m		

C.A.M.C. 1981 – E-3

DDH EAGU058 (2 8)

UNITS = METRES

Cyprus Anvil Mining Corp.

Structural Log

Page 6 of 8

Date: 30 June/81 Logged By: GG

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
								NOTE - THIS IS A HORIZONTAL DDH FROM THE MINE DRIFT.
S		10.2	C S Z				70 230	S-BANDS
S		62.	C S Z				57	"
S		112.2	C S Z				55	M-REGION (??) 120-130 @ 13.7-14.3
S		113.5						SYMMETRY OF LITHOLOGIES SUGGESTS FOLD NOSE THROUGH AEA BUT NO E OR 3 TO BE SEEN IN S-BANDS. - SHEARED THROUGH?
S		117.5	C S Z				40	S-BANDS
S		124.0					010	TENSION GASES 24-26 & 36/270
S		130.0					017	
S		136.0					013	
S		137.						GOUGE @ H/W CNT -017/190 ~ 11 S.
S		141.2					06	F/W ?
S		148.0					52	← FOLD NOSE ???
S		151.9					25	
S		160.0					010	
S		166.0					210	
S		172.0					14	
S		178.0					010	
S		183.0					015	
S		189.0					118	S-BANDS
S		195.0					25	"
S		1101.0					013	SERICITE
S		1106.0					016	"
								END OF HOLE @ 106.6 m

DDH FAG0058 Cyprus Anvil Mining Corp

Page 9 of 9

Logged by GG

ASSAY LOG (SAMPLER'S COPY) Date 30 June/81 Sampled by

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
P	100	121	619510	121	115	4E4	+(4E0)
P	121	142	619511	121	123	4E4	+(4E4) +(4E4-POROUS)
P	142	159	619512	117	113	4G4	+(4E64)
P	159	176	619513	117	115	4G4	+(4E64)
P	176	190	619514	114	113	4E4	±6 ±1
P	190	197	69555	07	05	5C*	
P	197	210	619516	105	108	4L01	+(4C0)
P	102	111	619517	115	113	4E4	+(5B126)
P	111	130	619518	113	112	5A6	
P	130	137	619519	107	106	5C3	+(4E4) + (4E1)
P	137	147	619610	110	110	5B12	/6/
P	147	157	619611	110	108	4E4	+ (4G4)
P	157	166	619612	109	108	4G4	
P	166	176	619613	110	110	4E4	+ (4G4)
P	176	185	619614	109	109	4E4	
P	2166	2183	619615	117	115	4E11	BRECCIA (4L0 +C+STLTS CLASTS)
P	871	883	619616	112	111	4E84	
P	883	894	619617	111	110	4E84	
P	894	911	619618	117	114	4E0	+(4E8)
P	911	927	619619	116	115	4G0	
P	927	943	619710	116	112	4E4	
P	943	963	619711	120	119	4E0	+(4E4)
P	963	980	619712	117	117	4E4	+(4E0)
P	980	986	619713	106	103	5D4*	
P	986	998	619714	112	109	4E4	± POROUS;

Meters!

FAULT

DDH FAGU058 (2 / 8)

Cyprus Anvil Mining Corp.

Structural Log

Page _____ of _____

Date: 28 Oct/83 Logged By: _____

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
F		197	X					5cm bxa. 4LO clasts in 4CO matrix
F	2166	2183	X					bxa. 4LO + cherty clasts in open 4EI healed matrix
F	3189	3190	G		17 180			gouge
	1842	1858	Q					qtz vein + frags of SB/D

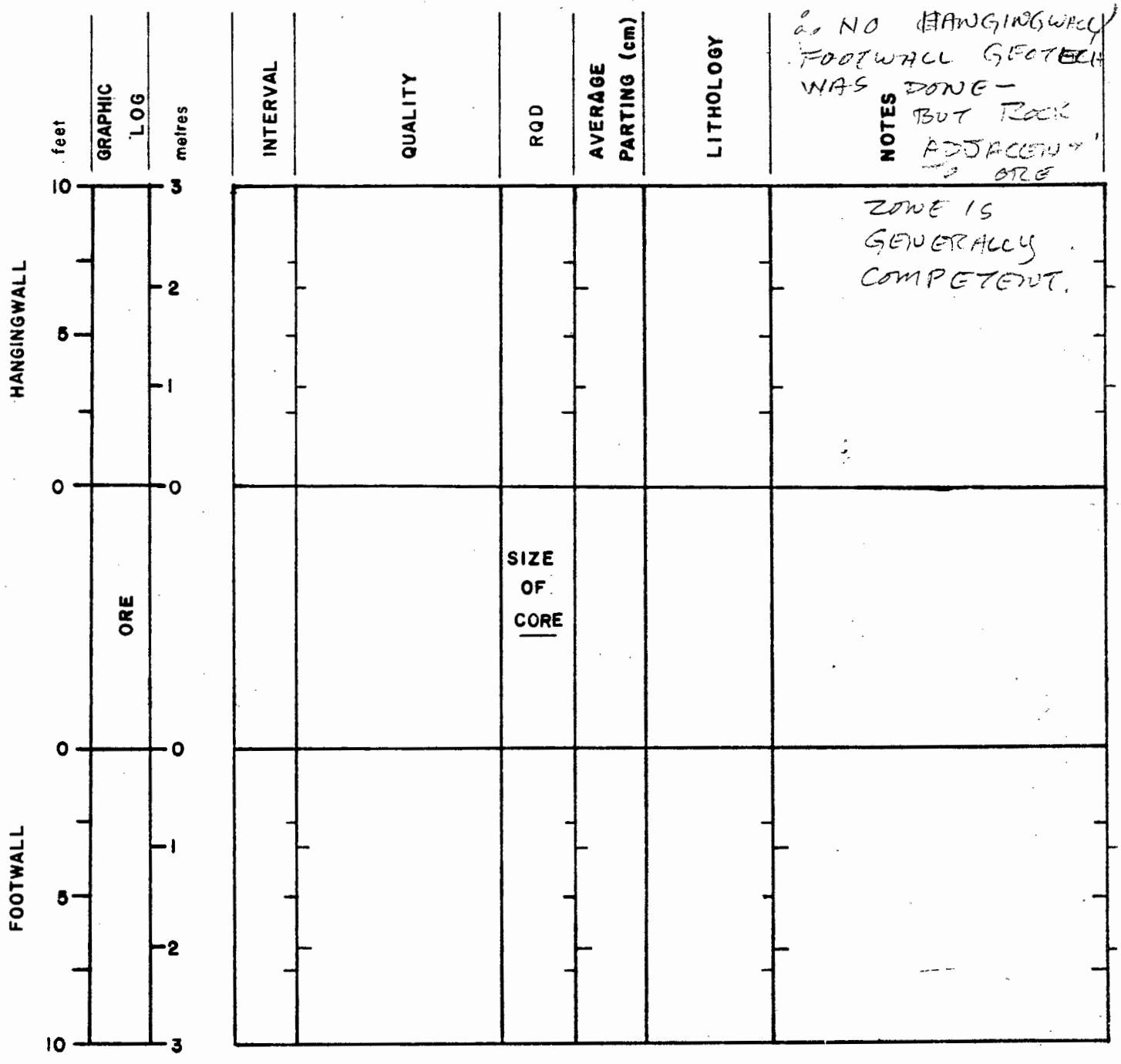
C.A.M.C. 1981 - E - 4

DDH- FIAGU0158

GEOTECHNICAL LOG

PAGE 8/8

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



DIAMOND DRILL RECORD

LOGGED BY ALEXANDER YOUNG PO

D.D.H. Nº 76-U-58 PAGE 1

PROPERTY GRUM JOINT VENTURE

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

DEPARTURE 7534.521 E 76W COMPLETED APRIL 6, 1976

ELEVATION 1136.292 M PROPOSED DEPTH

ULTIMATE DEPTH 106.6

HOLE SURVEY:		
DEPTH	BEARING	DIP

CLAIM Nº

N

DIRECTION AND DISTANCE FROM N.E. CLAIM POST

TOTAL CORE RECOVERY: 97.1%

Interval From	Interval To	DESCRIPTION	Py	PbZn	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
0	9.0	MASSIVE SULFIDE. Dense and brittle. Foliation	80	8	1.0/1.5	2182	0	1.5	1.5	3.45	3.65	50.40			5.175	5.475	75.60
		marked by compositional banding-40°. The bands of	80	8	1.2/1.5	2183	1.5	3.0	1.5	2.38	2.60	36.40			3.57	3.90	54.60
		aph rich laminae are usually vuggy. Some amorphous	75	15	1.5/1.5	2184	3.0	4.5	1.5	7.42	11.57	85.72			11.13	17.355	128.58
		silica as cavity filling.	70	15	1.0/1.5	2185	4.5	6.0	1.5	7.10	9.41	104.92			10.65	14.115	157.38
		4.5: Fold nose. Marked by concentration of Py with	70	18	1.0/1.5	2186	6.0	7.6	1.6	7.30	12.68	155.32			11.68	20.228	248.51
		halo of Sph rich band.	70	18	1.1/1.5	2187	7.6	9.1	1.5	8.33	13.80	111.09			12.495	20.70	166.64
		9.0: Sharp contact with bleached phyllite-40°.	50	12	1.2/1.5	2188	9.1	10.6	1.5	0.85	1.25	16.11			1.275	1.875	24.165
9.0	9.2	BLEACHED PHYLLITE. Cream-white groundmass with blu-	45	12	1.5/1.5	2189	10.6	12.1	1.5	1.83	2.70	31.20			2.745	4.05	46.8
		ish green Fuchsite spots. Calcitic. Foliation-45°	20	8	1.4/1.5	2190	12.1	13.7	1.6	2.23	4.10	40.46			3.568	6.56	64.736
		Gradually changing to quartz-sulfide-9.2.	45	12	1.5/1.5	2191	13.7	15.2	1.5	4.98	10.85	77.83			7.47	16.275	116.74
9.2	10.5	QUARTZ-SULFIDE. Very siliceous, competent. Folia-	70	+20	1.5/1.5	2192	15.2	16.7	1.5	6.62	15.67	98.74			9.93	23.505	148.11
		tion-35° interbands of sulfides and quartz.	70	+20	2.3/2.3	2193	16.7	19.0	2.3	6.12	15.12	90.86			14.076	34.776	208.978
		10.5: Shear; contact with massive sulfide.															
10.5	12.1	MASSIVE SULFIDE ZONE. W/short intervals of dark quartz-ser.				W.Av.	0	19.0	19.0	4.93	8.89	75.83			93.764	168.874	1440.84
		phyllite (av. thickness of band<15cm). Foliation F_1-45°.				W.Av.	3.0	19.0	16.0	5.31	9.97	81.91			85.019	159.499	1310.64
		F_2 crenulated with axial plane parallel to F_1.				W.Av. W.Av.	3.0 13.7	9.1 19.0	6.1 5.3								

LOGGED BY _____ D.D.H. Nº 76-U-58 PAGE 2

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

LOGGED BY _____ D.D.H. NO 76-U-58 PAGE 3

Interval From	Interval To	DESCRIPTION	Py	PbZn	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
25.9	28.9	QUARTZ-SULFIDE. Very siliceous. Competent.	10	6	1.5/1.5		25.9	27.4		6 PZ.	Est.						
		Pervasive silicification almost completely obli-	30	10	1.5/1.5		27.4	28.9		10 PZ.	Est.						
		terated. Roiginal foliation structure-what remain show 35°															
		(F ?). Locally enriched sulfide intervals in clots and in															
		F_2 bands. Gradual lithological change in both ends.															
28.9	38.2	DARK SERICITE PHYLLITE. Competent. Highly crenulated F_1			9.3/9.3		28.9	38.2									
		axial plane0-10°. F_1 -10°. Calcite filling of F_2 prominent-															
		some with a few specks of sulfides. Trace of graphite.															
		32.0: Fold nose.															
38.2	58.0	QUARTZ-SERICITE PHYLLITE. Competent. Light coloured with			19.8/19.8												
		faint greenish tint. Abundant bull quartz intervals and															
		calcite stringers. Foliation 0-10° marked by calcite and															
		quartz rich laminae (F_2 ?). Grenulated F_1 axial plane 0° @															
		39.8. Pink carbonate (Rhodochrosite?????) stringers @ 52;															
		52.1 and 52.3 cutting across F_2 (?) foliation. Some short															
		intervals with bleached white appearance.															
58.0	82.3	DARK SERICITE PHYLLITE. Competent. Abundant calcite as															
		stringers as well as in groundmass. Foliation F_2 -10°. F_1			24.3/24.3		58.0	82.3									
		axial plane 0°. Small intervals of greenish bleached phyll.															
		widely spaced (=<10cm run). Very minor sulfide showings.															
		FOLD NOSES: 70.1; 74; and 80m.															

LOGGED BY _____ D.D.H. NO 76-U-58 PAGE 4

Interval From	Interval To	DESCRIPTION	Py	PbZn	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
82.3	86.9	GREENISH WHITE BLEACHED PHYLLITE. Competent. Chloritic-			4.5/4.6		82.3	86.9									
		calcitic. Foliation-10° (F ? because of regular laminae).															
		F[2] not distinct. Sericite has talcy feel. Tuffaceous look-															
		ing groundmass.[1] 82.5: Fold nose.															
		83.8-85.4: Very calcitic. Calcite intervals with bull qtz.				W.Av.	86.8	93.0	6.2	2.71	1.49	38.8					
		86.4-86.5: Shear. Phyllite, calcite, qtz frags/w ser. clay.															
		86.9: Sharp contact with massive sulfides-20°.															
86.9	100.5	MASSIVE SULFIDE ZONE. Competent. Some sph enriched	70	20	1.5/1.5	2194	86.8	88.3	1.5	5.05	2.44	57.60			7.57	3.66	86.4
		intervals. Faint foliation-10° marked by minute dark	60	25	1.6/1.6	2195	88.3	89.9	1.6	5.00	3.05	60.34			8.0	4.88	96.5
		minerals, qtz and sometimes calcite. Occassional	70	15	1.5/1.5	2196	89.9	91.4	1.5	0.33	0.13	20.23			0.495	0.195	30.34
		vuggy aarts lined with calcite prism. Some Cpy blebs	80	15	1.0/1.6	2197	91.4	93.0	1.6	0.48	0.33	17.14			0.768	0.528	27.12
		distinct. Po and Mgtt in clots.	70	20	1.3/1.5	2198	93.0	94.5	1.5	5.15	5.05	80.57			7.725	7.575	120.86
		98.0: Gradual change to bleached quartz sericite	70	20	1.4/1.5	2199	94.5	96.0	1.5	2.03	0.85	49.37			3.045	1.275	74.055
		phyllite intervals until 100.5.	60	15	1.5/1.5	2200	96.0	97.5	1.5	5.00	1.83	88.80			7.50	2.745	133.2
100.5	106.6	BLEACHED SERICITE PHYLLITE. W/yellow greenish tint.	50	15	1.5/1.5	2201	97.5	99.0	1.5	2.53	2.75	41.49			3.795	4.125	62.235
		Talcy feel. Foliation 0-5° occassionally with trains	50	15	1.5/1.5	2202	99.0	100.5	1.5	3.50	4.10	47.31			5.25	6.15	70.965
		of sulfides-calcitic.															
						W.Av.	86.8	89.9	3.1								
	106.6	END OF HOLE. IN WASTE.				W.Av.	89.9	92.9	3.1								
						W.Av.	93.0	100.5	7.5	3.64	2.92	61.51			27.315	21.870	461.31
						W.Av.	86.8	100.5	13.7	3.22	2.27	51.2					

FAGU059

DRILL HOLE : FAGU059
NORTHING : 905,002.7
EASTING : 592,227.9
ELEVATION : 1,124.8
TOTAL DEPTH : 127.2
SECTION : W 76
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

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

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

----DEPTHS--- FROM	TO	SAMPLE NO.	INT.	REC.	ROCK UNIT	S.G. PULP	ASSAYS CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
.0	2.0	07081	2.0	1.9	4A4	3.37	.05	4.50	11.09	74.00		1.37	1	10	12						
2.0	4.0	07082	2.0	2.0	4A4	3.37	.04	2.89	6.20	55.00		.81	1	15	16						
4.0	6.0	07083	2.0	2.0	4A4	3.22	.05	4.20	8.10	73.00		1.23	1	9	11						
6.0	7.8	07084	1.8	1.8	4A4	3.31	.05	3.70	8.19	68.00		1.37	1	12	14						
7.8	9.7	07085	1.9	1.9	4E14	3.45	.02	5.79	13.50	98.00		1.03	1	10	11						
9.7	10.6	07086	.9	.9	4D4	4.01	.10	9.50	16.39	165.00		1.64	1	7	9						
10.6	12.8	07087	2.2	2.2	4E14	3.81	.34	10.40	18.39	175.00	169.00	2.33	2	7	10						
12.8	14.9	07088	2.1	2.1	4E14	4.11	.14	9.19	18.39	158.00		2.06	1	11	13						
14.9	17.0	07089	2.1	2.1	4E14	4.54	.10	11.80	18.00	191.00		2.06	2	13	15						
17.0	18.8	07090	1.8	1.8	4E4	4.80	.20	6.40	6.99	92.00		1.70	1	33	35						
18.8	20.0	07091	1.2	1.2	4E4	4.65	.07	11.00	18.60	167.00		1.91	2	22	24						
20.0	21.1	07092	1.1	1.1	4E4	4.54	.08	10.00	17.19	156.00		2.06	2	22	24						
21.1	23.1	07093	2.0	2.0	4G4	4.69	.10	6.29	10.00	110.00		1.37		17	17						
23.1	25.1	07094	2.0	2.0	4G4	4.71	.22	6.90	10.50	122.99		1.91		19	20						
25.1	27.1	07095	2.0	2.0	4G4	4.70	.22	6.79	11.00	111.99		2.12	2	21	24						
27.1	29.1	07096	2.0	2.0	4G4	4.61	.23	6.50	10.50	133.00		1.91		19	20						
29.1	31.1	07097	2.0	2.0	4G4	4.63	.16	8.30	12.50	143.00	144.00	1.51	1	21	23						
31.1	32.8	07098	1.7	1.4	4G4	4.71	.27	6.59	10.00	123.99		1.10		23	24						
32.8	33.8	07099	1.0	1.0	4E4	4.62	.17	9.59	15.90	150.00		1.16	2	13	16						
33.8	35.2	07100	1.4	1.4	4E4	4.88	.22	11.00	15.09	157.00		.81	1	22	24						
35.2	37.2	07201	2.0	2.0	4G4	3.54	.19	6.50	10.00	111.99		.47		19	20						
37.2	39.2	07202	2.0	2.0	4G4	4.50	.16	6.50	10.19	101.00		.47	1	21	22						
39.2	41.2	07203	2.0	2.0	4G4	4.62	.08	6.90	10.19	90.00		.47	1	19	20						
41.2	42.9	07204	1.7	1.4	4G4	4.71	.17	6.40	10.30	101.00		.68	1	21	23						
42.9	44.6	07205	1.7	1.7	4G4	4.61	.10	6.90	11.40	114.99		.95	1	17	19						
44.6	46.3	07206	1.7	1.7	4G4	4.49	.11	6.99	13.40	119.99		.55	3	23	26						
46.3	47.5	07207	1.2	1.2	4E64	4.76	.34	9.40	13.80	180.00		.27	2	25	28						
47.5	48.5	07208	1.0	.9	4E4	4.50	.20	8.40	20.69	138.00		.68	5	20	25						
48.5	50.4	07209	1.9	1.9	4E4	4.74	.27	7.70	13.59	108.00		.55	3	28	32						
50.4	52.0	07210	1.6	1.6	4E0	4.61	.28	1.16	.76	29.99		.55	3	40	43						
52.0	53.6	07211	1.6	1.6	4E0	4.54	.28	.46	.51	21.00		.68	2	40	43						
53.6	54.5	07212	.9	.9	4E4	4.34	.11	6.50	11.19	107.00		1.70	2	25	27						
101.9	102.9	07213	1.0	1.0	4A0	3.06	.05	1.26	2.50	23.00		.75	2	8	10						
102.9	104.5	07214	1.6	1.6	4E4	3.91	.20	2.50	2.79	38.00		.81	2	25	28						
104.5	105.1	07215	.6	.6	4C0	3.31	.20	1.64	2.02	26.00		.89	5	13	19						
105.1	107.3	07216	2.2	2.2	4A13	3.02	.13	.19	.45	6.00		.55	2	8	11						
107.3	109.5	07217	2.2	2.2	4A13	3.06	.17	.20	.41	7.99		1.16	2	9	12						
109.5	110.1	07218	.6	.6	4E0	4.04	.16	2.29	2.50	35.00	30.99	.75	5	22	28						
WEIGHTED AVERAGE																					
.0	54.5		54.5	53.7		4.30	.16	6.88	11.66	114.74	12.10	1.25	1	19	21						
101.9	110.1		8.2	8.2		3.30	.15	1.03	1.41	18.43	2.26	.83	3	13	16						

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

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

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

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
7.8	0001	4A4	(4E1&4)	0.5-	1
9.7	0002	4E14	(4A4 CLASTS)	0.5-	1
10.6	0003	4D4		0.5-	1
17.0	0004	4E14	(4A0&4&9 PHYLLITIC)MINOR	0.5-	1
18.8	0005	4E4	(4E0)	0.5-	1
21.1	0006	4E4	&1	0.5-	1
32.8	0007	4G4	(4E64)	0.5-	1
33.8	0008	4E4	&1 &@ MINOR [4D4]	0.5-	1
35.2	0009	4E4	&1 &6 &9 (4D4) 80:20	0.5-	1
44.6	0010	4G4	-> (4E64) &POROUS	0.5-	1
46.3	0011	4G4	(4E4 POROUS &#)	0.5-	1
47.5	0012	4E64	& POROUS	0.5-	1
48.5	0013	4E4	BXA	0.5-	1
50.4	0014	4E4	& BXA	0.5-	1
53.6	0015	4E0	&1	0.5-	1
54.5	0016	4E4	&6 & POROUS-MINOR	0.5-	1
56.4	0017	5D*	BXA - FAULT	0.5-	1
61.3	0018	3GC		0.5-	1
69.9	0019	5B8O		0.5-	1
86.9	0020	3GC	&9	0.5-	1
89.2	0021	5D6		0.5-	1
90.8	0022	5DC	&6	0.5-	1
94.6	0023	5B8O	&6 (5DO) MINOR	0.5-	1
95.1	0024	5A3		0.5-	1
101.9	0025	5B8O	(5DO)	0.5-	1
102.9	0026	4AC		0.5-	1
104.5	0027	4E4	&1 &7 &8 (4AO&4)	0.5-	1
105.1	0028	4CO	&8 SERICITIC (4A14)	0.5-	1
109.5	0029	4A13		0.5-	1
110.1	0030	4EC	&7 &8 &1	0.5-	1
126.6	0031	3GC	&9 [5A16]	0.5-	1
127.2	0032	5A16		0.5-	1

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

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

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

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

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

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

CYPRUS ANVIL MINING CORPORATION

Page 1 of 10

DIAMOND DRILL CORE LOG

Date: 8 July/81

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

Project: GRUM

Location: SECTION 76W/

Claim:

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

conversion of KA survey grid

592 227.9 E

Grid Co-ords: 2+19m N

76+00m W

Elevation: 1124.8m

Total Depth: 127.2m

Purpose: RELOG - GRUM

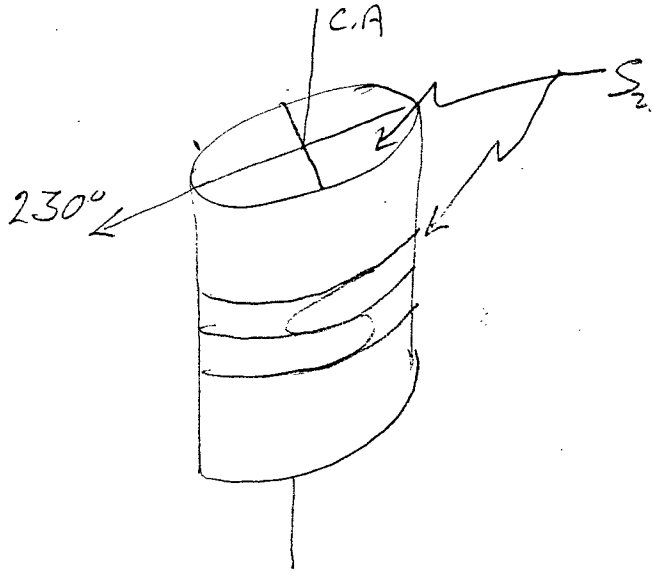
Reason hole Terminated:

Logged by: GG

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

Drilling Contractor: CAMECON McCUTCHEON

Reference Fabric Orientation Diagram:



All symmetry determinations looking

NW with S_2 dipping

SW with dip azimuth 230°.

Size	CORE From	To
BQ	0.0	127.2

Collar Cased and Capped: ____

Hole Cemented:

Reel down hole:

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

Cyprus Anvil Mining Corp.
Diamond Drill Core Log

DDH FAGU059

Code	Drillhole	Elevation	Northing	Easting	Comments
1	2 8	10 16	17 24	25 32	34 48
T	FAGU059	1114.8	9050027.7	592227.9	METRES

227.1 for True North

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2 8	10 14	22 26	28 32	34 56
R	FAGU059	0.0	135.4	225.5	AT COLLAR
R	FAGU059	30.5	137.3	230.0	SPERRY SUN
R	FAGU059	61.0	137.0	231.0	
R	FAGU059	91.4	147.5	239.0	
R	FAGU059	121.9	152.4	243.0	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	

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

DDH EAGU052 (2–8) **Cyprus Anvil Mining Corp.** Page 3 of 10

UNITS = METRES **Lithologic Log** Date: 6 July/91 Logged By: GG

Code	From	To	Recov.	No.	Unit	Description	FAN CNT TYPE	FAN CNT #
1	10–14	16–20	22–24	26–28	30–34	35		
L	100	178		001	AA4	± (3G12 – FINELY INTERBANDED) + (4E1 ±9)		11S2
L	178	197		002	AE1A	+ (4A4 "BLOT" JSM → COMMONLY IN DISCONTINUOUS ALIGNED FRAGS – DUE TO AE RECRYSTALLIZATION);	GRADES OVER 30 cm	11S2
L	197	1106		3	AIDA	WITH 0.5–3 cm BLEBS OF QZ COMPRISING 10% OF UNIT – HAS APPEARANCE OF AIC WITH QZ INSTEAD OF CC3;	8 cm QZ VN BRECCIA	
L	1106	1170		4	AE1A	WITH 1% QZ BLEBS <1cm DIA AS UNIT 3; HIGH GRADE; + (minor 4A0 – PHYLLITIC PARTINGS ±4±9)	Prob.	11S2
L	1170	1188		5	AE4	+ (4E0); LOWER GRADE THAN ABOVE; NO QZ BLEBS		11S2
L	1188	2111		6	AE4	±1 → AS QZ BLEBS <1cm DIA AS ABOVE UNIT 4;		11S2
L	2111	3128		7	4G4	+ (4E64) HONEY SPHAL. 4G = V. HIGH SPHAL; 20% BARITE; + (minor 4E4 – POROUS @ F/W) NOTE THIS IS REALLY 4G4 WITH V. HIGH SPHAL THROUGHOUT;		11S2
L	3128	3338		8	4E4	±1 → AS 0.5–2.0 cm QZ BLEBS COMPRISING 5% OF UNIT; ±* – minor ANK; [4D9] SUGGESTS UNIT 7 MAY BE A FOLD NOSE;		11S2
L	3338	3522		9	4G4	±1±6±9 + (4D4 @ 34.9–35.2)		11S2
L	3522	4466		10	4G4	+ (4E64) ± POROUS HONEY + ORANGE SPHAL;		11S2
L	4466	4633		11	4G4	+ (4E4 – POROUS ± CALC) HONEY & ORANGE SPHAL;	RUBBLE PROB	11S2

DDH FAGU052 (2 / 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: 8 July/81 Logged By: GG

UNITS = METRES

Code	From	To	Recov.	No.	Unit	Description	F/W CNT TYPE	F/W CNT %
1	10 14	16 20	22 24	26 28	30 34	35		
L	416.3	417.5		112	A1E64	±POROUS	RUBBLE	
L	417.5	418.5		113	4E41	-BRECCIA → 4E4+4EO CLASTS, 0.2-1.0 cm DIA, IN CLOSED MATRIX → 4E4 = HIGH GRADE → PROB HEALED FAULT;		
L	418.5	510.4		114	A1E41	±BRECCIA ± LOCAL FINE RUBBLE + HIGH GRADE;	COARSE RUBBLE	PROB 11S2
L	510.4	513.6		115	4E01	±1- @ 0.8m H/W		11S2
L	513.6	514.5		116	41E41	±6 → ESPECIALLY TOWARD F/W; +(4GO - @ 54.3-54.5 (F/W) - 60% BARITE) +(minor 4E4 POROUS)	IRREG	~11S2 ?
L	514.5	516.4		117	5D*	BRECCIAS-(5D*, 4EO, 4G4 CLASTS IN QZ-BA MATRIX @ 54.5-55.2m) +(5D*4 ±TALC-DOLO @ 55.2-55.6 - PROB A LARGE CLAST IN FAULT) +(5A6+(4E±4) CLASTS IN QZ MATRIX @ 55.6-56.1 - 50% = CRACKLE BRECCIA ONLY) +(OPEN MATRIX QZ+4A3 CLASTS IN 4HO MATRIX @ 56.1-56.4)	IRREG	~11S2
						FAULT		
L	516.4	611.3		118	3G21	±FINE GRAINED;	PROB	11S2
L	611.3	617.7		119	51D31	WITH CALCITE LENSES & LAMS; +(5D*4 @ H/W 30 cm)		11S2
L	617.9	816.9		120	3G21	±F.G.; GOUGE @ 70.6-70.8 = CNTS & 3G LENSES 11S2; +(3G92)	20 cm QZ VN BRECCIA 11S2	
L	816.9	817.2		121	5D61	DARK GREEN		11S2
L	817.2	910.8		122	5D31	±6 - LIGHT GREEN;		11S2
L	910.8	914.6		123	51B&3	-MOD. CALC ±6 +(minor 5D3)	—	11S2

5880 → 360±9 →

FAJ/DSJ 29 Aug 82

DDH FAG.U.057 (2 / 8)

UNITS = METRES

Cyprus Anvil Mining Corp.

Lithologic Log

Date: 8 July/91 Logged By: GG

Code	From	To	Recov.	No.	Unit	Description	F/W TYPE	CNT %
1	10 14	16 20	22 24	26 28	30 34	35		
L	1946	1951		24	5A31	DOMINANTLY CALCITE ± CARBON LAMS;		1½
L	1951	1019		25	5B83	-F.G. + (5D3) 5BGA- COARSE RUBBLE + LOCAL GOUGE @ 100.2 - 101.9m;	PROB	1½
L	1019	1029		26	4AA10	FINE RUBBLE + GOUGE @ 102.7 - 102.9m;	RUBBLE	
L	1029	1045		27	4E4	±1±4 ± 7,8 @ 40cm F/W + (4A±4)		1½
L	1045	1051		28	4D0	- SERICITIC ±8 + (4A14)		1½
L	1051	1095		29	4A113	CARBON + PHYLLITIC PARTINGS;		1½
L	1095	1101		30	4EA0	±7±8±1		1½
L	1101	1266		31	3G21	±9 ± F.G + (4A1 - NO SULPHIDES [5A16 - WITH "HYDROTH. QZ])		1½
L	1266	1272		32	5A116	F.G; MASS.;	—	
						END OF HOLE @ 127.2m		

DDH EAG 81 052 Cyprus Anvil Mining Corp. Page 6 of 10

UNITS = METRES Structural Log Date: 8 July/81 Logged By: GG

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
S		10					30 230	C-STREAKS
S		61					00	"
S		120					10	S-QZ BANDS
S		180					10	S-BANDS
S		245					24	S-BANDS
S		305					2A	"
S		365					08	"
S		412					04	"
S		485					05	" // 48m - BRECCIA CNTS; → FOLIATION IN BRECCIA = 09° TO C.A.
S		542					30	
B	514 S	5164						BRECCIA - H/W CNT @ AVG 47/000 - IRR F/W CNT @ IRREG BUT AVG @ 27°/00
S		6100					40	
S		6660					55	
B		7100						10cm GOUGE // S_2 @ 37°.
S		7120					50	
S		7880					37	79.4 - 79.8 - TENSION GASHES @ 020/270
S		8400					48	
S		9100					55	
S		9760					45	
S		10120					54	
S		10180					47	P&R dom - 0 - 111m
S		11140		S			6A	S-REGION - 111 - 120
S		11210					39	P&R - 120 - 127.6.
S		12160					42	
								END OF HOLE @ 127.2m.

DDH EAGU0-52 (2 of 8) **Cyprus Anvil Mining Corp**

Logged by GG

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

UNITS = METRES

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
1	10 14	16 20	22 26	28 30	32 34	36 40	42
P	10 0	12 0	710811	120	119	4A4	
P	12 0	14 0	710812	120	120	4A4	
P	14 0	16 0	710813	120	120	4A4	
P	16 0	17 8	710814	118	118	4A4	
P	17 8	19 7	710815	119	119	4E1A	+(4A4)
P	19 7	110 6	710816	109	109	4D4	----
P	110 6	112 8	710817	122	123	4E1A	
P	112 8	114 9	710818	121	121	4E14	
P	114 9	117 0	710819	121	121	4E14	
P	117 0	118 8	710910	118	118	4EA	+(4E0)
P	118 8	120 0	710911	112	112	4E4	±1 464
P	120 0	121 1	710912	111	111	4EA	±1
P	121 1	123 1	710913	120	120	4E6A	+(4G4)
P	123 1	125 1	710914	120	120	4E6A	+(4G4)
P	125 1	127 1	710915	120	120	4E64	+(4G4)
P	127 1	129 1	710916	120	120	4E64	+(4G4)
P	129 1	131 1	710917	120	120	4E64	+(4G4)
P	131 1	132 8	710918	117	114	4E64	+(4G4) + (4E4 - POROUS)
P	132 8	133 8	710919	110	110	4E4	±1
P	133 8	135 2	711010	114	114	4G4	±1±6±9 + (4D4)
P	135 2	137 2	712011	120	120	4G4	+ (4E64 ± POROUS)
P	137 2	139 2	712012	120	120	4G4	+ (4E64 ± POROUS)
P	139 2	141 2	712013	120	120	4G4	+ (4E64 ± POROUS)
P	141 2	142 9	712014	117	114	4G4	+ (4E64 ± POROUS)
P	142 9	144 6	712015	117	117	4G4	+ (4E64 ± POROUS)
P	144 6	146 3	712016	117	117	4G4	+ (4E4 - POROUS & CALC)
P	146 3	147 5	712017	112	112	4E6A	± POROUS
P	147 5	148 5	712018	110	109	4E4	BRECCIA - FAULT.
P	148 5	150 4	712019	119	119	4E4	
P	150 4	152 0	712110	116	116	4E0	
P	152 0	153 6	712111	116	116	4E0	
P	153 6	154 5	712112	109	109	4E4	±6 + (4G4) + (4E4 - POROUS)
P	101 9	102 9	712113	110	110	4A/4O	
P	102 9	104 5	712114	116	116	4EA	±1±4 ±7±8 + (4P0±4)

DDH EAG-81-052 Cyprus Anvil Mining Corp

Page ____ of 10

Logged by GG

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

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
	10 14	16 20	22 26	28 30	32 34	36 40	42
P	110145	110151	721157	106	106	4A101	SERICITIC ±8 +(4A14)
P	110151	110173	721167	122	122	4A113	
P	110173	110195	721177	122	122	4A113	
P	110195	111011	721187	106	106	4EA10	±1 ±7 ±8
							END OF HOLE @ 127.2m

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

Meters

FAULT

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

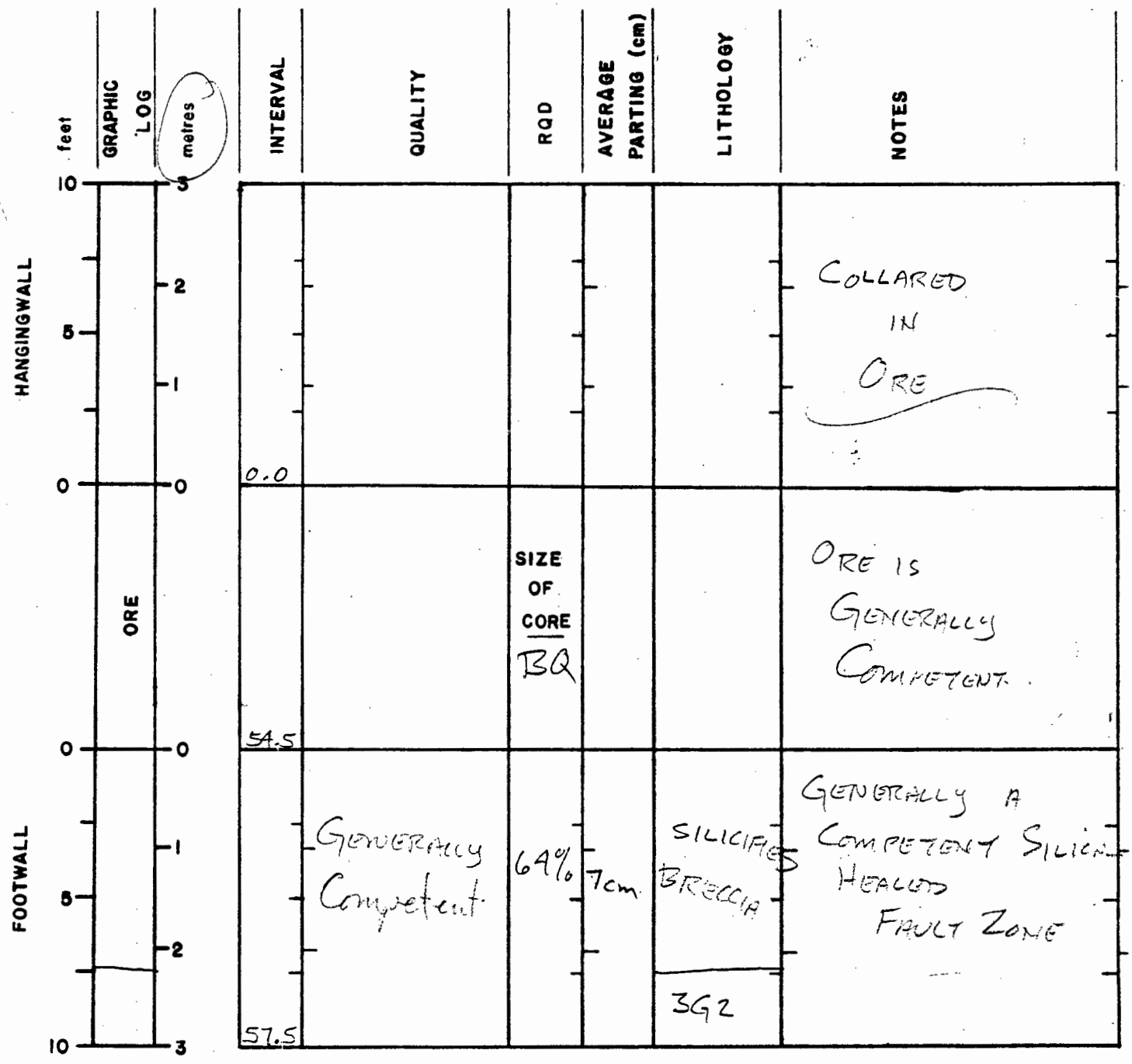
Structural Log Date: 28 Oct/83 Logged By: ____

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
	10 14	16 20	22 24	26	28 32	34 38	40 44	
F	78	197	D1					4A frags in recrystallized pyrite matrix
F	1475	1485	X1					bxa 4E4 & 4E0 clasts in 4E4 matrix
F	1485	1504	X1R1					± bxa ± rubble
F	1514	1564	X1		417 0100		217 0100	clasts in sulphide matrix
F	1706	1708	G1		919 9199	919 91919	919 91919	all // S_2
F	11002	11019	R1G					rubble & local gouge
F	11027	11029	R1G					rubble & gouge
F	1719	1798	J1			210 270		tension gashes

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

DDH- EIAGIV10151
0.0 - 54.5

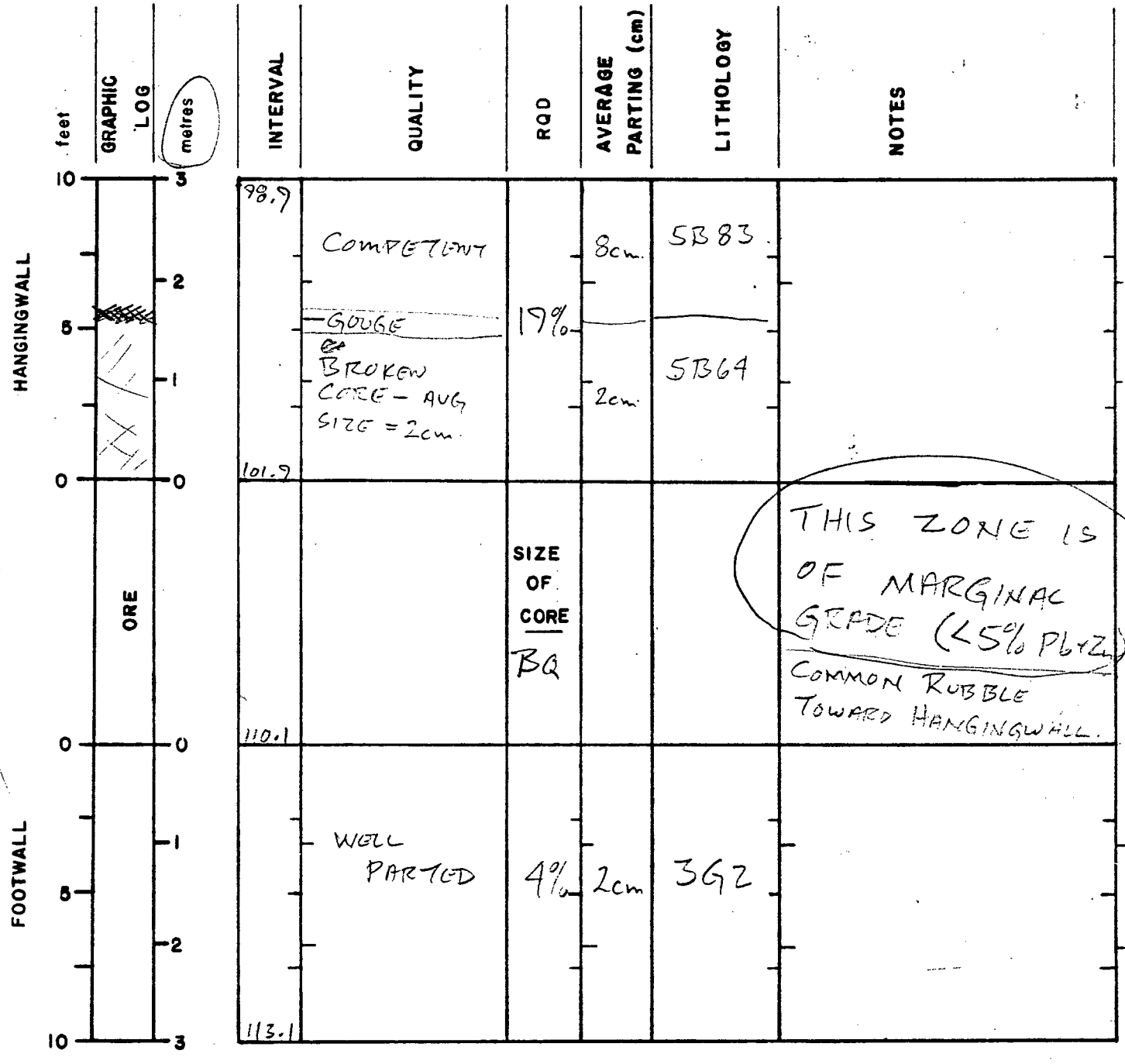
GEOTECHNICAL LOG



DDH- FIAGW0151

101.9 – 110.1 m

GEOTECHNICAL LOG



DIAMOND DRILL RECORD

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

PROPERTY GRUM JOINT VENTURE

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

DEPARTURE 7534.893 E 76W COMPLETED APRIL 9, 1976

ELEVATION 1135.444 M PROPOSED DEPTH

ULTIMATE DEPTH 127.2

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

CLAIM Nº

N

DIRECTION AND DISTANCE FROM N.E. CLAIM POST

TOTAL CORE RECOVERY: 92.2%

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

GED BY _____ D.D.H. NO 76-U-59 PAGE 2

Interval From	Interval To	DESCRIPTION	Py	PbZn	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		Barite prism sometime lining cavity walls.	70	15	1.5/1.5	2219	24.0	25.5	1.5	8.00	10.96	129.26			12.00	16.44	193.89
		Calcite occassionally as discontinuous stringers.	70	15	1.4/1.5	2220	25.5	27.0	1.5	7.15	10.20	114.86			10.725	15.30	172.29
			65	15	1.5/1.5	2221	27.0	28.5	1.5	7.20	10.30	123.09			10.80	15.45	184.635
		48.5-48.7: BROKEN GROUND. Pebbles of massive	70	15	1.3/1.5	2222	28.5	30.0	1.5	7.00	9.90	123.09			10.5	14.85	184.635
		sulfides coated with dark, sooty,earthy looking	70	15	1.5/1.5	2223	30.0	31.5	1.5	9.20	12.28	139.20			13.80	18.42	208.8
		material.	70	15	1.2/1.5	2224	31.5	33.0	1.5	7.60	10.15	111.09			11.40	15.225	166.635
		54.7: Contact marked by 5cm. thick bull quartz.	65	18	1.4/1.5	2225	33.0	34.5	1.5	10.95	13.95	151.20			16.425	20.925	226.8
54.7	56.0	BLEACHED PHYLLITE. Yellowish white with deep green	65	18	1.4/1.5	2226	34.5	36.0	1.5	9.50	13.39	143.32			14.25	20.085	214.98
		mottled colouring (chlorite?). Calcitic groundmass	65	18	1.5/1.5	2227	36.0	37.5	1.5	7.20	10.00	104.92			10.80	15.00	157.38
		and stringers. Barite prism lining cavity walls.	65	18	1.4/1.5	2228	37.5	39.0	1.5	7.10	10.45	100.80			10.65	15.675	151.20
		Faint foliation-30°.	65	18	1.4/1.5	2229	39.0	40.5	1.5	7.70	10.96	96.69			11.55	16.44	145.035
		56.0: Sharp contact with dark sericite phyllite	65	18	2.0/2.1	2230	40.5	42.6	2.1	6.80	9.79	109.03			14.28	20.559	228.963
		1.3/1.3	65	18	1.5/1.6	2231	42.6	44.2	1.6	6.90	10.60	104.92			11.04	16.96	167.872
56.0	61.1	DARK SERICITE PHYLLITE. Competent. Foliation F_2 30°	65	15	1.2/1.5	2232	44.2	45.7	1.5	6.92	12.53	127.20			10.38	18.795	190.8
		F_1 as minute crenulations inbetween F_2. Ax. plane	65	15	1.2/1.5	2233	45.7	47.2	1.5	8.85	12.29	163.54			13.275	18.435	245.31
		(F_1)-30°-see illustration. Some short sulfide in-	60	15	0.9/1.5	2234	47.2	48.7	1.5	9.08	17.70	139.20			13.62	26.55	208.8
		tervals widely spaced and small clots asso. w/qtz.	60	15	0.9/1.6	2235	48.7	50.3	1.6	8.53	13.55	121.03			13.648	21.68	193.648
		veinlets (av. thickness-0.5cm). Traces of graphite.	60	10	1.0/1.5	2236	50.3	51.8	1.5	1.28	0.43	25.37			1.92	0.645	38.055
		56.2: Sph rich span (10cm). First contact marked	60	10	1.1/1.5	2237	51.8	53.3	1.5	0.28	0.53	12.00			0.42	0.795	18.00
		by 10cm Bx zone-quartz pebbles healed by silica	65	15	1.4/1.5	2238	53.3	54.8	1.5	5.82	8.73	98.74			8.73	13.095	148.11
		and sulfides. Second contact abrupt				W.Av.	0	50.3	50.3	7.82	12.08	117.81			393.30	607.66	5925.75
						W.Av.	0	7.6	7.6								
						W.Av.	0	54.8	54.8	7.38	11.35	111.86			404.37	622.195	6129.91
						W.Av.	50.3	53.3	3.0	1.26	PbZn						
							24	50.3	26.3	7.95	11.66	123.2					

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

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

LOGGED BY _____ D.D.H. NO 76-U-59 PAGE 4

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

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

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

FAGU062

DRILL HOLE : FAGU062

NORTHING : 905,002.6

EASTING : 592,227.8

ELEVATION : 1,125.0

TOTAL DEPTH : 109.7

SECTION : W 76

R.F.E. : S2

RFE DIRECTION: 230

PLUNGE ANGLE : 11

PLUNGE DIRECT: 312

DHD CALC: 1

SS CALC: 1

DETAIL RECORD COUNTS:

NOS CRE-SAMPLES: 13

NOS DOWN-H-SURVEYS: 4

NOS DOWN-H-LITHOLOGY: 18

NOS DOWN-H-STRUCTURE: 19

NOS DOWN-H-FAULTS: 10

NOS DOWN-H-SPLINES: 4

NOS COMPOSITES: 0

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

----DEPTHS--- FROM	TO	SAMPLE NO.	INT.	REC.	ROCK UNIT	S.G. PULP	CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
.0	1.6	07219	1.6	1.5	4E4	4.13	.13	6.40	9.59	107.00		1.16	2	23	25						
1.6	3.2	07220	1.6	1.5	4E4	4.69	.17	4.59	4.59	78.00		1.16	1	36	38						
3.2	4.8	07221	1.6	1.6	4E4	4.70	.16	5.29	5.50	79.00		1.98	2	34	37						
4.8	6.0	07222	1.2	1.0	4L14	3.10	.02	1.15	1.91	23.00		3.76	1	10	11						
6.0	8.0	07223	2.0	1.9	4E4	4.71	.23	6.70	9.50	135.00		2.06	1	20	21						
8.0	9.8	07224	1.8	1.6	4G4	4.66	.23	5.20	9.19	121.99		1.98		20	21						
9.8	10.5	07225	.7	.7	4G4	4.73	.17	3.70	6.70	89.00		3.02	1	24	26						
10.5	12.0	07226	1.5	1.5	4E64	4.71	.23	6.20	12.09	110.99		1.64		20	21						
12.0	13.6	07227	1.6	1.5	4E4	4.69	.05	5.90	11.50	84.00	83.00	1.03	1	30	31						
90.4	92.3	07228	1.9	1.9	4E4	4.42	.20	5.00	8.19	110.99		1.30	1	25	27						
92.3	94.1	07229	1.8	1.4	4E4	4.69	.19	7.40	10.59	120.99		1.51		19	20						
94.1	95.5	07230	1.4	1.4	4E4	4.66	.22	4.40	7.70	107.00		1.64	1	29	30						
95.5	96.9	07231	1.4	1.4	4E4	4.61	.23	5.09	8.80	113.99		1.23	1	26	28						
WEIGHTED AVERAGE																					
.0	13.6		13.6	12.8		4.48	.16	5.26	8.10	95.79	9.76	1.86	1	24	26						
90.4	96.9		6.5	6.1		4.58	.21	5.55	8.88	113.55		1.41	1	25	26						

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

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

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

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
4.8	0001	4E4	& POROUS - MINOR (4E0)	0.5-	1
6.0	0002	4L14	RUBBLE	0.5-	1
8.0	0003	4E4		0.5-	1
10.5	0004	4G4	(4E0 &4) 80:20	0.5-	1
12.0	0005	4E64	(4G4) 50:50 /	0.5-	1
13.6	0006	4E4	&6	0.5-	1
14.1	0007	5C&	(5C43$)	0.5-	1
18.4	0008	5B12	6 &9 SPHAL (5A16 &9)	0.5-	1
37.6	0009	4A1	(5A16 &9)	0.5-	1
55.1	0010	5A6	(5B26) (5B6)	0.5-	1
87.8	0011	5B6	(5A6)	0.5-	1
90.4	0012	5A6	(1000)	0.5-	1
94.1	0013	4E4	&6 (4G4)	0.5-	1
96.9	0014	4E4	&6 (4E0 &6)	0.5-	1
103.7	0015	3G0		0.5-	1
104.5	0016	5A86	&0	0.5-	1
105.9	0017	5D0	(5E0)	0.5-	1
109.7	0018	5D0	(5B86)	0.5-	1

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

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

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

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

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

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

CYPRUS ANVIL MINING CORPORATION

Page 1 of 8

DIAMOND DRILL CORE LOG

Date: 3 July/81

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

Project: GRUM

Location: SECTION 76 W

Claim:

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

592 227.8mE

(conversion of KA surveyed grid)

Grid Co-ords: 2+19.5m N

7534.797 mE

Elevation: ~~1124.9~~ m 1125.0

Total Depth: 109.7m

Purpose: RE-LOG GRUM

Reason hole Terminated:

Logged by: GG.

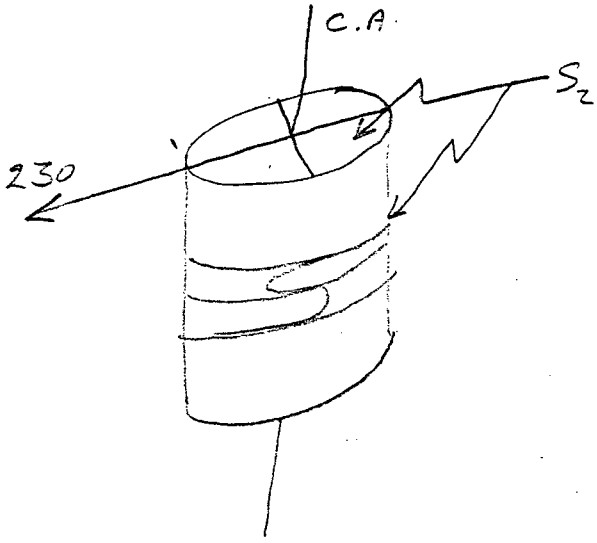
Date(s) Logged: 1-3 JULY/81

Drilling Contractor: CAMERON McCUTCHEON

Hole Cemented:

Steel down hole:

Reference Fabric Orientation Diagram:



All symmetry determinations looking

NW with S_2 dipping

SW with dip azimuth 230°.

Size	CORE From	To
BQ	0.0	1124.9

Collar Cased and Capped: ____

Started: 14 APRIL/76 Completed: 15 APRIL/76

Cyprus Anvil Mining Corp.
Diamond Drill Core Log

DDH FAGU0612

Code	Drillhole	Elevation	Northing	Easting	Comments
1	2 8	10 16	17 24	25 32	34 48
T	FAGU0612	1124.9	9050021.6	5922271.8	METRES

222.3 for True North

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2 8	10 14	22 26	28 32	34 56
R	FAGU0612	00	1110	2210.7	ATCOLLAR
R	FAGU0612	301.5	1142	224.0	SPERRY SUN
R	FAGU0612	601.0	1210	232.0	
R	FAGU0612	1001.6	1250	224.0	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	

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

DDH FAGU-062* Cyprus Anvil Mining Corp. Page 3 of 8

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

Code	From	To	Recov.	No.	Unit	Description	F/W Type	F/W CNT
1	10 14	16 20	22 24	26 28	30 34	35		
						*PROBLEM WITH NUMBERING OF THIS DDH → THE DRILLERS MARKED THE BOXES U-61; THE DYMO-TAPE LABELS IT AS U-62 & IT WAS LOGGED BY K.A. AS U-62;		
L	100	148		001	4E4	+(4E0) +(minor 4A3 @ H/W) +(minor 4E4 POROUS LAMS)	10cm QZ VN BRECCIA	
L	148	160		2	4L1L4	VERY SILICEOUS; RUBBLY	RUBBLE	
L	160	180		3	4E4	V. HIGH GRADE @ 0.5m H/W;		11S₂
L	180	1105		4	4G4	+(4E0+4E4 @ 9.8-10.3m) 20-40% BARITE; ±6 @ F/W		11S₂
L	1105	1120		5	4E6A	+(4G4) ~50% OF UNIT.	RUBBLE	
L	1120	1136		6	4E4	±6/; 50% OF UNIT = COARSE RUBBLE; ORANGE SPHAL @ H/W RED " @ F/W	PROP	11S₂
L	1136	1141		7	5C*	-ANK + 3% FUCHSITE +(5C43* - 5% CHLORITE-PY STREAKS - DOLO @ 13.7-14.1		11S₂
L	1141	1184		8	5B12	/6/±9-SPHAL/ +(5A16±9) +(4A1 - LOW NO SULPHIDES) CRACKLE BRECCIA @ 17.1-17.6m	GRADES OVER 40cm	11S₂
L	1184	3776		9	4A1	+(3G12 - FINELY INTERBANDED) - LOW SULPHIDES ± SPHAL +(5A16±9) +(minor 9A4) THIS WHOLE UNIT IS TRANSITIONAL 4A-5A;		11S₂
L	3776	5551		10	5A6	+(5B26) +(5B6); 2% QZ VNS 11S₂ THROUGH UNIT; TRACE SULPHIDE = PØ + PY; GOUGE @ 53.7-54.0m;		11S₂
L	5551	8178		11	5B6	±FINE GRAINED +(5A6) GOUGE + H/W QZ VN @ 55.2-55.4m; 2% QZ VNS 11S₂ THROUGH UNIT.	GOUGE	

DDH FAGU-062* Cyprus Anvil Mining Corp. Page 4 of 8

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

Code	From	To	Recv.	No.	Unit	Description	F/W CNT TYPE	F/W CNT %
1	10 14	16 20	22 24	26 28	30 34	35		
L	87.8	90.4		12	SIAG	UNIT = 70% QZ VNS + 10% GOUGE;	QZ VN	
L	90.4	94.1		13	4E4	/±6/ + (4G4) + (4A4 + (3G12) @ 20 cm H/W)		11S,
L	94.1	96.9		14	4E4	/±6/ + (4E0) -±6 @ F/W;	PROB	11S,
L	96.9	103.7		15	3G2	-F.G; FINE RUBBLE @ 97.4-97.5m; TRACE SULPHIDE = PY; 103.2-103.3 GOUGE + F/W QZ VN.		11S,
L	103.7	104.5		16	SA86	±3 - CHLORITIC LAMS; 50% OF UNIT = QZ VN BRECCIA;	7cm QZ VN	
L	104.5	105.9		17	SD3	CALCITE LAMS + VEINLETS; + (5E0 - 100% F.G. CALCITE @ 105.6-105.9m)		11S,
L	105.9	109.7		18	SD3	+ (5B86) - GRADATIONAL SECTIONS;	—	
						END OF HOLE @ 109.7m.		

DDH EAG0062 (2 / 8)

UNITS = METRES

Cyprus Anvil Mining Corp.
Structural Log

Date: 2 July/81 Logged By: GG

Code	From	To	Feature	Es	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct		Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44		
S		102					07	230	C-STRUCTURES + S-BANDS
S		164					29		S-BANDS
S		1120					16		
S		1184					00		
S		1245					17		
S		1301					12		
S		1365					40		
S		1425					34		
S		1482					42		
S		1543					44		GOUGE @ 52.0 - H/W CNT @ 23/00
S		1605					38		GOUGE @ 55.0 - CNTS?
S		1665					47		
S		1722					32		
S		1785					47		- M - ROCLON
S		1845					16		
B		1888							GOUGE CNTS - STEEP?
S		1905					44		S-BANDS
S		1965					60		"
S		1020					46		F4 @ 23/180
S		1097					11		
									END OF HOLE @ 109.7m

DDH EAG 0 6 2 (2 … 8) Cyprus Anvil Mining Corp

Logged by GG

ASSAY LOG (SAMPLER'S COPY) Date 2 JUN/91 Sampled by

UNMSC Metres

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
1	10 14	16 20	22 26	28 30	32 34	36 40	42
P	100	116	721219	16	15	4E4	+(4E0) +(4A3)
P	116	132	721220	16	15	4E4	+(4E0)
P	132	148	721221	16	16	4E4	+(4E0)
P	148	160	721222	12	10	4L1M	
P	160	180	721223	20	19	4E4	
P	180	198	721224	18	16	4G4	—
P	198	205	721225	07	07	4G4	+(4E4) +(4E0)
P	195	200	721226	15	15	4E4	+L1 +(4G4)
P	120	136	721227	16	15	4E4	+L1
P	1904	1923	721228	19	19	4E4	+L1 +(4G4) +(4A4)
P	1923	1941	721229	18	14	4E4	+L1 +(4G4)
P	1941	1955	721230	14	14	4E4	+L1 +(4E0)
P	1955	1969	721231	14	14	4E4	+L1 +(4E0)
							END OF HOLE @ 109.7m

Meters

FAULT

DDH F.A.G.U.0.6.2 (2 / 8) Cyprus Anvil Mining Corp. Page ____ of ____

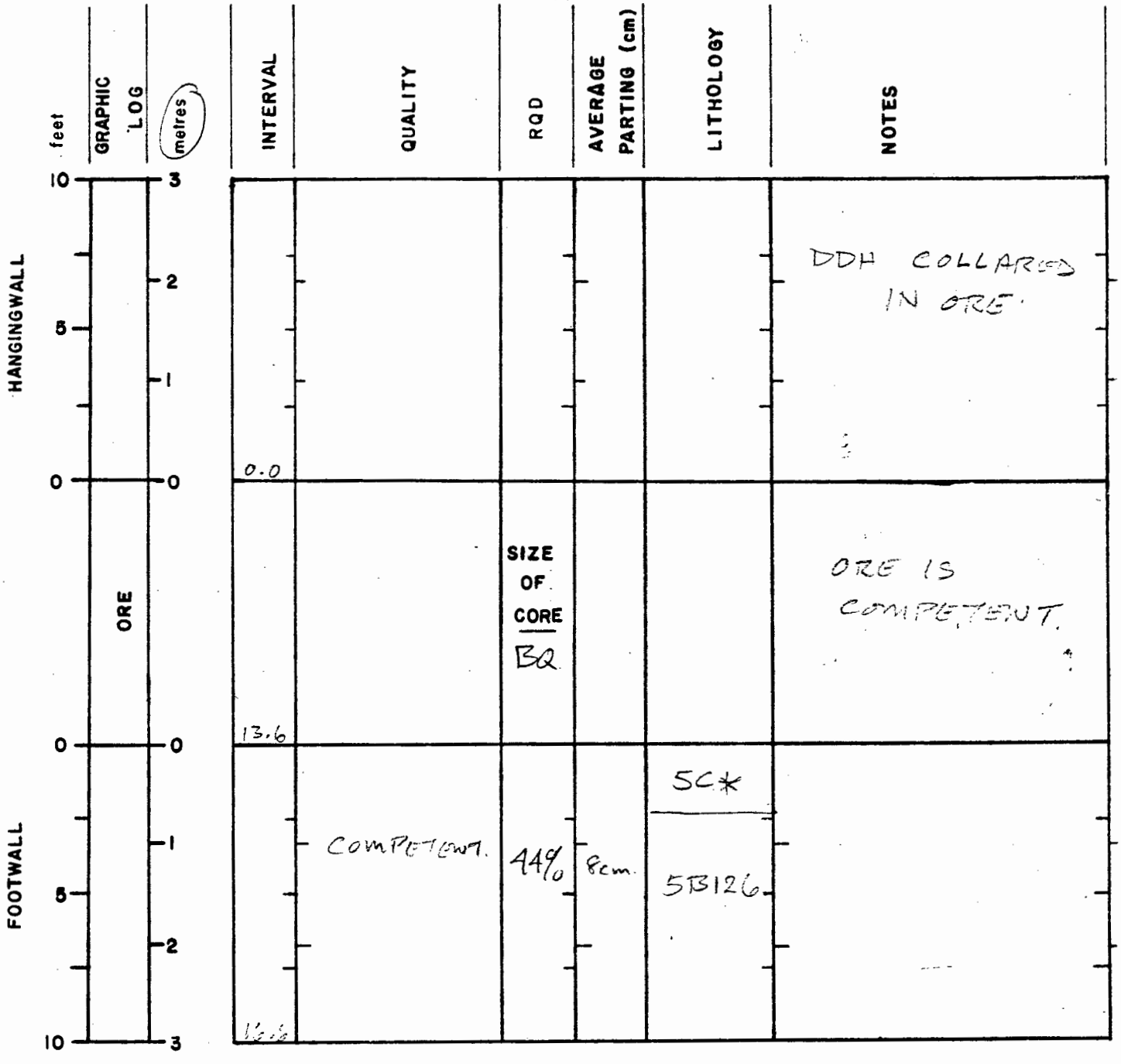
Structural Log Date: 28 Oct/83 Logged By: ____

Code	From	To	Feature	Sys	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
	10 14	16 20	22 24	26	28 32	34 38	40 44	
F	1483	1600	R					rubbly
F	11208	11366	R					50% of unit coarse rubble
F	11717	11766	X Q					crackle bxa
F	15137	15400	G					gouge
F	15152	15544	G Q					gouge + qtz vein
F	18178	19044	Q G					70% qtz veins & 10% gouge
F	19174	19175	R					rubble
F	11013 2	11013 3	G Q					gouge & qtz vein
F	11013 7	11014 5	Q X					50% of unit qtz vein bxa
F		15200	G		23 0100			

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

DDH- FAIGU016A
0.0 – 13.6m.

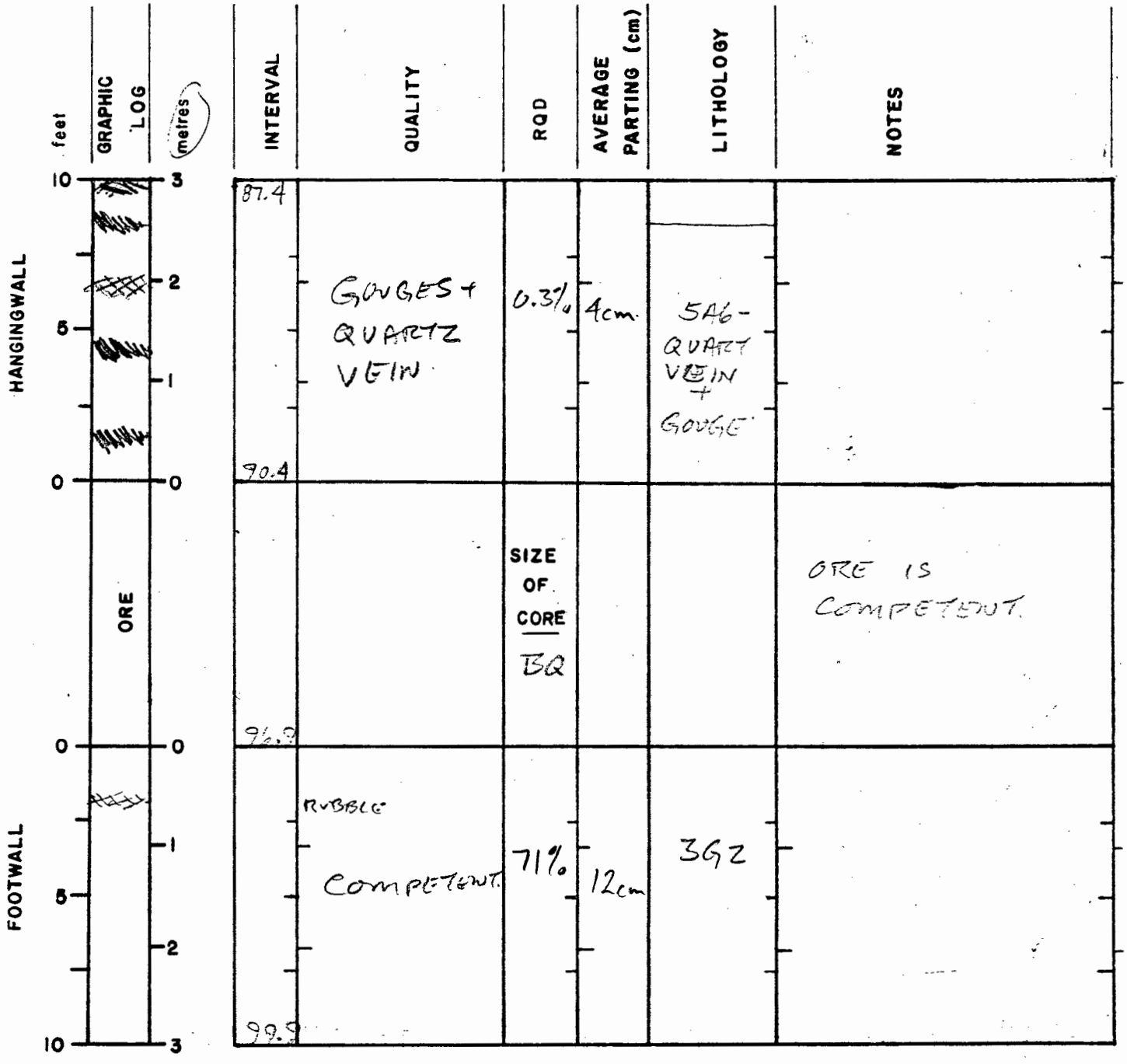
GEOTECHNICAL LOG



DDH- VEAIGU06121

90.4 - 96.9m

GEOTECHNICAL LOG



DIAMOND DRILL RECORD

LOGGED BY ALEXANDER YOUNG PO

D.D.H. Nº 76-U-62 PAGE 1

PROPERTY GRUM JOINT VENTURE

LATITUDE 10798.093 N $2^{N}+19.5^{mN}$ STARTED APRIL 14, 1976

DEPARTURE 7534.797 E COMPLETED APRIL 15, 1976

ELEVATION 1135.596 M PROPOSED DEPTH

ULTIMATE DEPTH 109.7

HOLE SURVEY:		
DEPTH	BEARING	DIP
COLLAR	222°17'48"	-21°
100'(30.48)	223°	-24°
200'(60.96)	233°	-31°
330'(100.58)	222°	-35°

CLAIM Nº

N

DIRECTION AND DISTANCE FROM N.E. CLAIM POST

TOTAL CORE RECOVERY: 92.8%

Interval From	Interval To	DESCRIPTION	Py	Zn	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
0	13.6	MASSIVE SULFIDE ZONE. Competent. Compositional band of sph rich laminae-40°. Intervening broken ground composed of bleached sericite-quartz pebbles. Crypto-x'lline quartz as amygdaloidal fills prominent. Small fractures-20-30°. 4.5-6: Broken ground. Could be a FAULT. Sub-rounded quartz pebble mixed with bleached sericite flakes (greenish white colour) and sometime cemented by white clay (kaolinite?). No definitive thick gouge association.	75	10	0.7/1.5	2313	0	1.5	1.5	7.27	9.25	106.97			10.905	13.875	160.455
		13.6: Sharp contact with bleached phyllite-20°.	75	8	0.8/1.5	2314	1.5	3.0	1.5	6.40	5.60	96.69			9.60	8.40	145.035
13.6	14.0	BLEACHED PHYLLITE. Grayish white with greenish	80	10	1.0/1.5	2315	3.0	4.5	1.5	4.50	4.35	65.49			6.75	6.525	98.235
		spots due to Fuchsite. Foliation-10°. Groundmass	30	6	0.6/1.6	2316	4.5	6.0	1.5	3.70	4.00	63.43			5.55	6.00	95.145
		slightly calcitic-chloritic.	80	6	0.9/1.1	2317	6.0	7.1	1.1	6.72	9.23	130.97			7.392	10.153	144.067
		14.0: Gradual transition to graphitic phyllite.	85	10	1.5/2.0	2318	7.1	9.1	2.0	6.00	8.90	137.14			12.00	17.8	274.28
		Transition zone has no marked change in foliation	85	15	1.2/1.5	2319	9.1	10.6	1.5	4.63	7.26	101.83			6.945	10.89	152.745
		trend although sulfides in clots and discontinuous	85	15	1.4/1.5	2320	10.6	12.1	1.5	6.90	12.57	116.92			10.35	18.855	175.38
		train is notably visible cutting across the said	65	8	1.1/1.6	2321	12.1	13.7	1.6	5.25	9.58	76.80			8.40	15.328	122.88
						W.Av.	0	13.7	13.7	5.69	7.87	93.30			77.892	107.826	1278.21

LOGGED BY _____ D.D.H. NO. W102 PAGE 2

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay % Pb	Assay % Zn	Assay % Ag
14.0	41.1	GRAPHITIC PHYLLITE. Competent with some widely spaced		W.Av.	6.0	13.7	7.7	5.86	9.48	112.90			45.087	73.026	869.352
		broken intervals. Foliation is quite intricate and varies	26.0/27.1		14	41.1	27.1								
		from interval to interval(see detail below). Some trains													
		of sulfides following what appear to be F_1.													
		14-16.7: Foliation is dintinct-20° with fold nose at 15.													
		Off-setted quartz-filled cracks are prominent and have reverse													
		dip directions to the regular-20° foliation. These cracks													
		have uniform-30° dip.													
		16.7-25.9: Very intricate foliation. Some folding are tight													
		recumbent fold with ax. plane 0-3° (c to c plane=85-90°).													
		Fold nose at 19.7.													
		25.9: Foliation gradually becomes more orderly with F_2=20°													
		and F_1 open horizontal S. Fold nose =30m.													
		41.1: Contact marked by bull quartz-50°.													
41.1	90.3	DARK SERICITE PHYLLITE. Competent. Trace of graphite in	48/49.2		41.1	90.3	49.2								
		some intervals. Regularly spaced laminae 45-50° (F_2). F_1													
		S-shaped (c to c plane)-40° opposite direction of F_2. Non-													
		calcitic.													
		52-52.1: FAULT. Broken ground with grayish white gougeand													
		sericite flakes.													
		60.5-60.6: Shear. Sliding plane very prominently marked by													

LOGGED BY _____ D.D.H. NO. 467 PAGE 3

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		88.3-88.7: Fault zone. Broken ground with quartz pebbles,													
		sericite flakes, sulfides (1-4cm) mixed together													
		with dark sericitic clay.													
		90.3: Sharp contact with massive sulfide zone -40°.													
90.3	97.0	MASSIVE SULFIDE ZONE. Competent. Pseudo-foliation caused by													
		compositional banding of Sph rich intervals=45-50°. 60 8	1.4/1.5	2322	89.9	91.4	1.5	4.30	6.55	85.72			6.45	98.25	128.58
		Crypto-x'lline quartz as amygdules. Calcite strin- 75 10	1.5/1.5	2323	91.4	92.9	1.5	5.85	8.79	109.03			8.775	13.185	163.545
		gers=10°. Magnetic minerals not detected. 75 10 1.	3/1.5	2324	92.9	94.4	1.5	6.60	8.94	118.97			9.90	13.41	178.455
		97.0: Sharp direct contact=50°. 75 8	1.5/1.6	2325	94.4	96.0	1.6	5.50	9.19	116.92			8.80	14.704	187.072
97.0	103.7	DARK SERICITE PHYLLITE. Competent. Foliation-30° 50 6	1.1/1.5	2326	96.0	97.5	1.5	4.00	5.95	75.80			6.00	8.925	115.20
		could be F_1. Another lineation=0° and off setted by the													
		former. Trace of graphite in some intervals.	6.0/6.7		97	103.7	6.7								
		103.4: Shear. Silvery white sericite prominent.		W.Av.	89.9	97.5	7.6	5.25	7.90	101.69			39.925	60.049	772.852
		103.7: Gradual contact with bleached phyllite marked with													
		bands of (2cm) bull quartz.													
103.7	105.1	BLEACHED PHYLLITE. Greenish white colour. Prominent bull	1.4/1.4		103.7	105.1	1.4								
		quartz intervals and incipient sporadic calcites. Foliation													
		=25° marked by apple green coloured material with talcy feel													
		(does not look like chlorite).													
		105.1: Gradual change to Dark Sericite Phyllite.													
105.1	109.7	DARK, CHLORITIC SERICITE PHYLLITE. Greenish materials	4.6/4.6		105.1	109.7	4.6								

LOGGED BY _____ D.D.H. NO 462 PAGE 4

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay % Pb	Assay % Zn	Assay % Ag
		Intervals of very calcitic groundmass. Foliation = 40-50°.													
		It appears that F_1 and F_2 are congruent. Sometime fold axis													
		of F_1=20°.													
		105.3-105.6: Very calcitic interval. Groundmass is dark													
		gray, fine grained and apparently pervasively calcified.													
		Faint pseudo-foliation marked by white crypto-x'lline													
		calcite=40°.													
	109.7	END OF HOLE.													

FAGU063

DRILL HOLE : FAGU063
NORTHING : 905,002.6
EASTING : 592,227.8
ELEVATION : 1,126.8
TOTAL DEPTH : 106.6
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: 17
NOS DOWN-H-SURVEYS: 1
NOS DOWN-H-LITHOLOGY: 36
NOS DOWN-H-STRUCTURE: 19
NOS DOWN-H-FAULTS: 7
NOS DOWN-H-SPLINES: 1
NOS COMPOSITES: 0

DDH: FAGU063 UTM-N: 905,002.6 UTM-E: 592,227.8 UTM-ELEV: 1,126.8 TOTAL DEPTH: 106.6 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTHS FROM	DEPTHS TO	SAMPLE NO.	INT.	REC.	ROCK UNIT	S.G. PULP	CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
.0	2.5	07693	2.5	2.5	4E4	4.79	.10	7.40	10.80	86.00		1.70	2	28	31						
2.5	4.5	07694	2.0	2.0	4G4	4.83	.23	5.90	8.69	135.00		2.74		25	25						
4.5	6.8	07695	2.3	1.5	4G4	4.78	.10	5.09	10.40	105.00		1.43		17	18						
6.8	9.1	07696	2.3	2.3	4E4	4.86	.13	7.40	11.59	101.00		1.98	1	27	29						
9.1	9.6	07697	.5	.5	4D45	3.87	.01	10.00	4.90	139.00		1.30	1	13	14						
9.6	11.2	07698	1.6	1.6	4E4	4.38	.08	4.40	20.19	67.00	68.00	1.16	1	26	28						
11.2	11.9	07699	.7	.4	5C3$	3.27	.10	1.14	3.49	28.99		.95	2	9	12						
11.9	13.3	07700	1.4	1.4	5A9	2.98	.02	.19	1.94	3.99		.68	2	3	5						
13.3	14.7	07801	1.4	1.4	5A9		.01	.08	.78	.99											
39.6	41.1	07802	1.5	1.3	4E47	4.40	.27	6.00	4.20	57.99		.14	16	20	37						
41.1	42.6	07803	1.5	1.5	4E47	4.29	.33	5.90	3.89	59.99		.14	14	21	36						
56.7	58.0	07804	1.3	1.3	4G4#	4.38	.08	5.29	5.79	83.00		.55	3	13	16						
58.0	59.4	07805	1.4	1.4	4GD#	4.00	.24	2.70	2.79	41.00		.89	7	22	29						
59.4	59.8	07806	.4	.4	4LO	3.20	.08	.68	1.16	13.99		.34	3	8	11						
59.8	60.9	07807	1.1	1.1	4G48	4.42	.16	5.50	8.40	95.00		.47	3	10	13						
60.9	62.7	07808	1.8	1.7	4G48	4.57	.05	6.99	8.40	116.99		.34	1	6	7						
62.7	64.4	07809	1.7	1.5	4KEG	3.95	.02	12.90	12.09	211.00	203.00	.34	4	10	15						
WEIGHTED AVERAGE																					
.0	14.7		14.7	13.6		4.03	.10	4.91	9.25	79.10	7.40	1.48	1	19	20						
39.6	42.6		3.0	2.8		4.34	.30	5.95	4.04	58.99		.14	15	21	36						
56.7	64.4		7.7	7.4		4.20	.10	6.69	7.38	109.70	44.81	.49	3	12	15						

DDH: FAGU063 UTM-N: 905,002.6 UTM-E: 592,227.8 UTM-ELEV: 1,126.8 TOTAL DEPTH: 106.6 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	57.500	222.200

DDH: FAGU063 UTM-N: 905,002.6 UTM-E: 592,227.8 UTM-ELEV: 1,126.8 TOTAL DEPTH: 106.6 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
2.5	0001	4E4	&8 &6	0.5-	1
6.8	0002	4G4	(4E4 &6)	0.5-	1
9.1	0003	4E4	&6	0.5-	1
9.6	0004	4D45		0.5-	1
11.2	0005	4E4	&*	0.5-	1
11.9	0006	5C3$		0.5-	1
14.7	0007	5A9	(4A0)	0.5-	1
18.5	0008	5B26	&1 &$	0.5-	1
19.1	0009	5D$	-> 5D4@3	0.5-	1
23.3	0010	5B26	&1 &$ (5D4*) MINOR	0.5-	1
26.7	0011	5B6	&1 &2 (4L17) MINOR	0.5-	1
28.3	0012	5B38		0.5-	1
34.0	0013	5B0	(10Q0) 70:30	0.5-	1
35.5	0014	5B3$		0.5-	1
36.5	0015	5E4	[5B3$4] (5D4)	0.5-	1
39.2	0016	5EC	[5B3$]	0.5-	1
39.6	0017	10Q0		0.5-	1
42.6	0018	4E47		0.5-	1
45.7	0019	4LC		0.5-	1
51.8	0020	5B6	&$ VERY MINOR	0.5-	1
56.7	0021	4LC	(4L2 &7) (5D4* -> 4L*) MINOR	0.5-	1
59.4	0022	4G4#	&0 (4E8) 80:20	0.5-	1
59.8	0023	4L0		0.5-	1
62.7	0024	4G48	&$	0.5-	1
64.4	0025	4KC	(4E47) (4G4) 40:44:16	0.5-	1
65.2	0026	10Q0		0.5-	1
72.2	0027	4L#	BIO (4L27)	0.5-	1
72.8	0028	5D3	BIO	0.5-	1
74.6	0029	10Q0		0.5-	1
77.8	0030	5D0	BIO - MINOR	0.5-	1
80.0	0031	4LC	BIO - MINOR	0.5-	1
92.4	0032	5B0		0.5-	1
96.2	0033	5A3		0.5-	1
103.9	0034	5B0		0.5-	1
105.9	0035	5B80		0.5-	1
106.6	0036	5C$3	4	0.5-	1

DDH: FAGU063 UTM-N: 905,002.6 UTM-E: 592,227.8 UTM-ELEV: 1,126.8 TOTAL DEPTH: 106.6 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
FAGU063	0.0	2.6	PS2	0	0	0	0	55	230	C	1	1	1
FAGU063	0.0	14.8	PS2	0	0	0	0	70	230	C	1	1	1
FAGU063	0.0	20.4	PS2	0	0	0	0	60	230	C	1	1	1
FAGU063	0.0	25.4	PS2	0	0	0	0	55	230	C	1	1	1
FAGU063	0.0	31.5	PS2	0	0	0	0	40	230	C	1	1	1
FAGU063	0.0	37.0	PS2	0	0	0	0	45	230	C	1	1	1
FAGU063	0.0	42.9	PS2	0	0	0	0	54	230	C	1	1	1
FAGU063	0.0	48.7	PS2	0	0	0	0	57	230	C	1	1	1
FAGU063	0.0	53.0	PS2	0	0	0	0	50	230	C	1	1	1
FAGU063	0.0	61.5	PS2	0	0	0	0	51	230	C	1	1	1
FAGU063	0.0	65.5	PS2	0	0	0	0	30	230	C	1	1	1
FAGU063	0.0	65.8	PS2	0	0	0	0	10	230	C	1	1	1
FAGU063	0.0	69.7	PS2	0	0	0	0	40	230	C	1	1	1
FAGU063	0.0	73.8	PS2	0	0	0	0	40	230	C	1	1	1
FAGU063	0.0	81.0	PS2	0	0	0	0	45	230	C	1	1	1
FAGU063	0.0	88.3	CS2	0	0	0	0	45	230	C	1	1	1
FAGU063	0.0	94.4	PS2	0	0	0	0	48	230	C	1	1	1
FAGU063	0.0	100.0	PS2	0	0	0	0	50	230	C	1	1	1
FAGU063	0.0	105.6	PS2	0	0	0	0	60	230	C	1	1	1

DDH: FAGU063 UTM-N: 905,002.6 UTM-E: 592,227.8 UTM-ELEV: 1,126.8 TOTAL DEPTH: 106.6 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
FAGU063	20.3	20.5	R		0	0	0	0	0	0	1
FAGU063	22.3	26.7	1QX		0	0	0	0	0	0	1
FAGU063	26.7	28.3	JQ		0	0	0	0	0	0	1
FAGU063	28.3	35.5	QX		0	0	99	999	0	0	1
FAGU063	39.2	39.6	Q		0	0	0	0	0	0	1
FAGU063	0.0	49.7	B		0	0	0	0	0	0	1
FAGU063	72.8	74.6	Q		0	0	0	0	0	0	1

DDH: FAGU063 UTM-N: 905,002.6 UTM-E: 592,227.8 UTM-ELEV: 1,126.8 TOTAL DEPTH: 106.6 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGU063	1	1

CYPRUS ANVIL MINING CORPORATION Page 1 of 10

DIAMOND DRILL CORE LOG Date: _____

Hole Number: FAGU063

Project: Grum Relog

Location: Vangorda Plateau

Claim: _____

~~Terr.~~ UTM Plane Co-ords.: 6905002.6 N

5922278 E

Conversion of RA survey grid locations

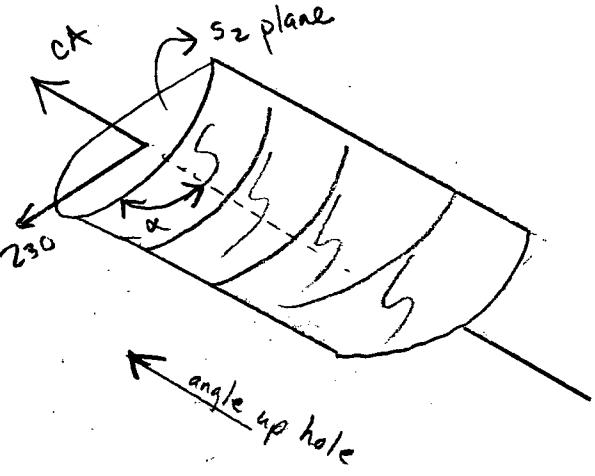
Grid Co-ords: 76W/2N

_____

Elevation: 1126.8

Total Depth: 106.6m

Reference Fabric Orientation Diagram:



All ~~symmetry~~ determinations looking

NW with S_2 dipping

SW with dip azimuth 230°.

Purpose: _____

Reason hole Terminated: _____

Re Logged by: J. Modene

Date(s) Logged: July 14-15, 1981

Drilling Contractor: _____

Size	CORE From	To
BQ	0	106.6

Collar Cased and Capped: ____

Hole Cemented: _____

Steel down hole: _____

Started: 4/15/76 Completed: 4/17/76

Cyprus Anvil Mining Corp.

Diamond Drill Core Log

DDH FAGU063

Code	Drillhole	Elevation	Northing	Easting	Comments
1	2 8	10 16	17 24	25 32	34 48
T	FAGU063	1126.8	9050102.6	592227.8	METRES

222.2 for True North

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2 8	10 14	22 26	28 32	34 56
R	FAGU063	00	57.5	220.7	ATCOLLAR
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	

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

DDH F.A.G.U.0.6.3. (2 / 8) **Cyprus Anvil Mining Corp.** Page 3 of 10

Lithologic Log Date: _____ Logged By: J. Modene

angle uphole

Code	From	To	Recov.	No.	Unit	Description	
1	10 14	16 20	22 24	26 28	30 34	35	H.W.CT
L	00	125		1	4E4	±8(+7?) ±6	
						red sphalerite + mgt (± po?) @ 30cm FW; then orange sphalerite	
						Rubble @ 0.1 and @ 1.5 end of run, drilling art.	broken
L	125	168	35	2	4G4	(4E4) (4E46). Minor porous laminae but no $CO_3^=$ detected.	
						Pale honey to honey sphalerite. Locally the barite content is low but extremely pale sphalerite is so abundant that the dry surface has the whitish look of 4G w/abundant $BaSO_4$	
						Occasional dark non magnetic lustrous x/s Tennantite?	brok
L	168	191		3	4E4	±6 Orange sphalerite	
						minor coarse rubble, v. minor porous	broke
L	191	196		4	4D4 5	grading to 4A4 @ H.W.	
						red sphalerite	broke
L	196	1112		5	4E4	± * (buff, slow fizz) Orange sphalerite	
						Locally extremely sphalerite rich	rubbled
L	1112	1119	04	6	5C13*	mariposite, dolo, cc.	broken
L	1119	1147		7	5A9	(4A0) minor pg + red sphalerite	gradat.
L	1147	1185		8	5BZ6	±1 ± * dolo borderline 5BZ → 5A	broken
L	1185	1191		9	5D*	green dolomitic then buff-orange ank + CC	11Sz
L	1191	2333		10	5B1Z6	±1 ± * dolo as #8 5BZ → 5A	11Sz
						minor sphalerite @ 19.4	
						5D4* intbd @ 20.1	
						Rubbled 20.3-20.5	
						10Q0 near H.W.	
L	2333	2667		11	5B16	±1 ±2	
						20cm 4L17 intbd @ 25	
						some crackle-veining; $CO_3^=$	11Sz
L	2667	2183		12	5B38	Strongly calc, $CO_3^=$ gashes, vuggy + fractured locally	11Sz
L	2183	3140		13	5B0	10Q0 ≅ 30% 11Sz, crackle veining continues)	11Sz
L	3140	3155		14	5B3*	very $CO_3^=$ rich, largely dolomite	11Sz
L	3155	3165		15	5E4	(5B4 @ 30cm FW). [5B3* 4 very calc]	
						sericite, cc, dolo	11Sz
L	3165	3192		16	5E0	[5B3* very calc] gradational loss of sericite	
						minor $CO_3^=$ tension gashes	broken
L	3192	3196		17	10Q0		broken

DDH FAGU0638 (2 / 8) Cyprus Anvil Mining Corp. Page 4 of 10

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	HWCTC
L	139.6	142.6		18	4E4F47	po as bands + irregular patches; any mgt?	
						minor $CO_3^=$ clots	
						minor qtz 4C7 @ 42.3	rubbled
L	142.6	145.7		19	4L40	(4L2 near F.W, 4L1 near H.W)	//Sz
L	145.7	151.8		20	5B6	± * very very minor dolomitic $CO_3^=$ detectable w/ powdering,	
						monotonous grey phyllite, PSz, broken @ 49.7	
						becoming gradually sericitized @ H.W.	broken
L	151.8	156.7		21	4L40	(4L2±7) (5D4* → 4L5 thin intbd @ 55.1)	//Sz?
L	156.7	159.4		22	4G4H*	cc, only locally calc so I think there is barite.	
						Honey sphalerite	
						(4E8) mgt more abundant 2nd half of interval)	
						2> ~ 20%	broken
L	159.4	159.8		23	4L40		broken
L	159.8	162.7		24	4G4H8	± * Dolo Minor dolomitic $CO_3^=$ (4E)	
						up to 40% $BaSO_4 + CO_3^=$ (ie gangue)	
						mgt as specks + streaks	//compla
L	162.7	164.4		25	4K4EG	4K0 62.7-63.0 sfd poor, cc+dolo	± 1
						4E47 63.0 -63.25	
						4G4 63.25-63.5	
						4E47 63.5 - 64 as above	
						4K0 64 - 64.4 same as above	
						Is this a fold repeat?	broken
L	164.4	165.2		26	10Q10	w/ some $CO_3^=$ dks possibly //S_2	broken
L	165.2	172.2		27	4L45	w/ biotite, minor py+po bands (4L27)	
						Strongly calc through most of the interval — unusual for this 4L	
						minor 10Q0 near EOI	
L	172.2	172.8		28	5D3	biotite? This rock is 80% biotite, texture similar to 5D.	
L	172.8	174.6		29	10Q10	This unit is a 0.6m carbonated qtz vein w/ sulfides (cp, gn, po) sweated out toward the edges and sericite peripheral to the sfds.	
L	174.6	177.8		30	5D0	calc green w/ cc bands, minor biotite	
L	177.8	180.0		31	4L0	minor biotite, minor py	
L	180.0	192.4		32	5B0	calc, grey phyllite + chlorite	10Q0+5D4 near EOI

up hole

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

DDH FAGU063 (2 / 8)

Cyprus Anvil Mining Corp.

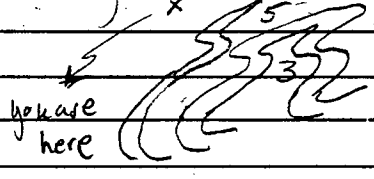
Lithologic Log

Date: _____ Logged By: J. Modene

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						minor carbonaceous matl
						minor pebbles
L	912.4	962.		33	5A3	
L	962	1039		34	5B0	
L	1039	1059		35	5B8	or is this 5D-F ? calcareous, green
						Looks phyllitic, some sericitization
L	1059	1066		36	5C*3	4 cc, dol, sericite, chlorite $S_2 + S_1$ defined by chlorite
						EOH @ 106.6

DDH EAGU.063 (2 8) Cyprus Anvil Mining Corp. Page 6 of 10

Structural Log Date: _____ Logged By: J. Modene

Code	From	To	Feature	Sys	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
	10 14	16 20	22 24	26	28 32	34 38	40 44	
S		126	PSIZ				55 Z310	comp bndg in 4G
S		148	PSIZ				70 Z310	
S		205	PSIZ				60 Z30	
S		259	PSIZ				55 Z310	
S		315	PSIZ				40 Z310	
S		370	PSIZ				45 Z310	
S		429	PSIZ				514 Z310	
S		487	PSIZ				57 Z310	
S		533	PSIZ				50 Z310	
S		615	PSIZ				51 Z30	comp bndg in 4G
S		655	PSIZ				310 Z310	
S		658	PSIZ				10 Z310	steepening
S		667	PSIZ				40 Z30	
S		738	PSIZ				40 Z310	
S		812	PSIZ				45 Z310	
								85.0m - 92.0m good circulations
								Z sym consistently to
								91.8 then S+Z (ie M)
								However, when you hold the
								core in the orientation of
								the drill hole and choose
								the shallower S_2 dip,
								the symmetry must be
								reversed ∴ this is
								an "S" zone possibly
								coming into a fold nose
								
S		1883	CSIZ				45 Z30	
S		1944	PSIZ				418 Z310	
S		2000	PSIZ				50 Z30	
S		2056	PSIZ				60 Z30	
								EOH

DDH EAGU0631 Cyprus Anvil Mining Corp

Page 7 of 10

Logged by J.F. Modene

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

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION	
	10 14	16 20	22 26	28 30	32 34	36 40	42	
P	100	125	76193	25	25	4E41	±8±6	#1
P	125	145	76194	20	20	4G41	(4E4)(4E46)	#2
P	145	168	76195	23	15	4G41	(4E4)(4E46)	#2
P	168	191	76196	23	23	4E41	±6	#3
P	191	196	76197	05	05	4D145		#4
P	196	112	76198	16	16	4E41	± *	#5
P	112	119	76199	07	04	5C131*		#6
P	119	133	77010	14	14	5A91	(4A0)	#7
P	133	147	78011	14	14	5A91	(4A0)	#7
P	396	411	78012	15	13	4E447		#18
P	411	426	78013	16	15	4E447		#18
P	567	580	78014	13	13	4G41*	cc (4E8)	#22
P	580	594	78015	14	14	4G41*	cc (4E8)	#22
P	594	598	78016	04	04	4L01		#23
P	598	609	78017	11	11	4G148	±dolo * (4E)	#24
P	609	627	78018	18	17	4G148	± * dolo	#24
P	627	644	78019	17	17	4K6G		#25

#1

#2

#3

DDH FAGU063 (2 / 8) Cyprus Anvil Mining Corp. Page ____ of ____

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

Code	From	To	Feature	sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
F	1210	1205	R					rubble Q
F	1223	1216	7 IQX					Some crackle veining
F	1216	1218	3 JIQ					fractured locally, CO_3 = gouge, vuggy
F	1218.3	1355	QX			9 9 9 9		30% qtz veins $\perp S_2$, crackle veining continues
F	1392	1396	Q					1000
F		1497	B					broken
	1728	1746	Q					1000

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

DDH- LFIA16141016131
#1 0-14.7m

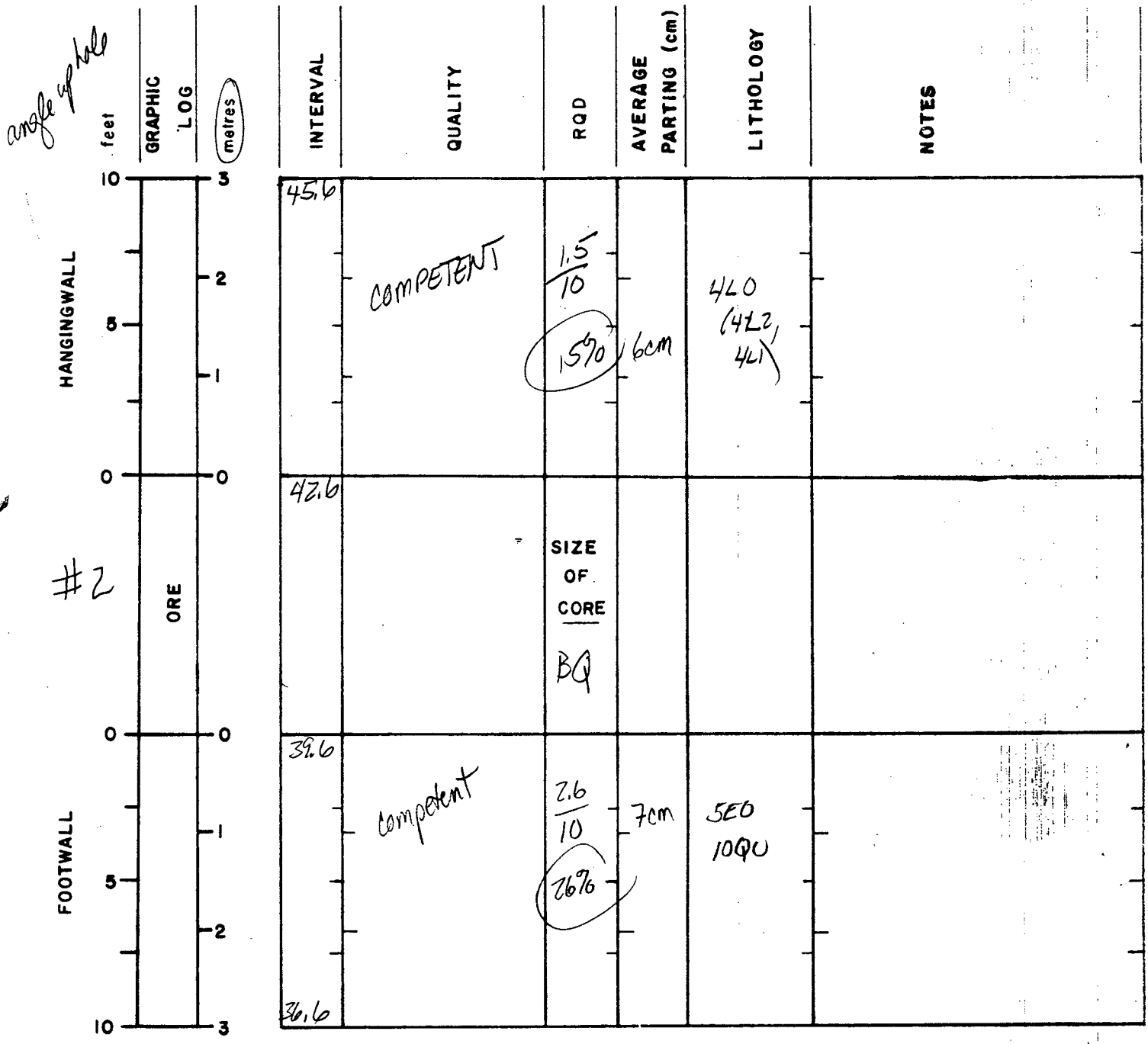
GEOTECHNICAL LOG

angle uphole

feet	GRAPHIC LOG	metres	INTERVAL	QUALITY	RQD	AVERAGE PARTING (cm)	LITHOLOGY	NOTES
10	HANGINGWALL	3	17.7	COMPETENT	1.7/10 = 17%	7cm	5B26 ±1 ±*db16	
5		2						
		1						
0		0	14.7		SIZE OF CORE BQ			Hole collared in ore
#1	ORE							
0		0	0					
	FOOTWALL	1						
5		2						
10		3						

DDH- EIAIGVU016131
#2 39.6-42.6

GEOTECHNICAL LOG



DDH- EIAGU0613
#3 56.7-64.4

GEOTECHNICAL LOG

single uphole

#3

feet	GRAPHIC LOG	metres	INTERVAL	QUALITY	RQD	AVERAGE PARTING (cm)	LITHOLOGY	NOTES
10	HANGINGWALL	3	67.4	COMPETENT	5.6/10 (56%)	12cm	10QO 4L5 (4L27)	
5		2						
0		1						
0	ORE	0	64.4		SIZE OF CORE BQ			
0		0	56.7					
5	FOOTWALL	1		COMPETENT	0.7/10 (7%)	5cm	4LO (4L2±7)	
10		3	53.7					

DIAMOND DRILL RECORD

LOGGED BY ALEXANDER YOUNG PO

D.D.H. NO 76-U-63 PAGE 1

PROPERTY GRUM JOINT VENTURE

LATITUDE 10,798.012 2N+18.9mN STARTED APRIL 15, 1976

DEPARTURE 7534.767 E 76W COMPLETED APRIL 17, 1976

ELEVATION 1137.448 M PROPOSED DEPTH

ULTIMATE DEPTH 106.6

HOLE SURVEY:		
DEPTH	BEARING	DIP
COLLAR	222° 14'	29"
		+30°32°

CLAIM NO

N

DIRECTION AND DISTANCE FROM N.E. CLAIM POST

TOTAL CORE RECOVERY: 92.3%

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
0	10.9	MASSIVE SULFIDE ZONE. COMPETENT, BRITTLE. 75 15	1.1/1.5	2327	0	1.5	1.5	8.50	14.87	96.69			12.75	22.305	145.035
		Foliation completely obliterated. Pseudo-folia- 75 10	1.4/1.5	8	1.5	3.0	1.5	7.60	10.27	88.80			11.40	15.405	133.20
		tion due to compositional banding (sph-Pb; Po-mgtt) 75 10	1.5/1.5	2329	3.0	4.5	1.5	5.97	8.48	135.09			8.955	12.72	202.635
		-45° in some intervals. Porous massive sulfides as 70 8	0.6/1.6	2330	4.5	6.0	1.5	5.79	10.58	121.03			8.685	15.87	181.545
		short intervals with asso. Barite prisms lining 65 10	0.8/1.5	1	6.0	7.6	1.6	6.25	11.70	104.92			10.00	18.72	167.872
		cavity walls. Opalline silica as amygdaloidal fil- 70 10	1.0/1.5	2	7.6	9.1	1.5	7.77	12.73	100.80			11.655	19.095	151.20
		lings. 75 +15	0.9/1.5	2333	9.1	10.6	1.5	6.65	20.48	80.57			9.975	30.72	120.855
		4.6-4.8: Broken ground. Porous sulfide. 40 8	0.7/1.5	2334	10.6	12.1	1.5	3.30	14.21	48.34			4.95	21.315	72.51
		10.9: Sharp or sudden change to bleached phyllite,													
		contact marked by broken core.		W.Av.	0	12.1	12.1	6.48	12.90	97.09			78.370	156.150	1174.85
10.9	25.9	GRAPHITIC PHYLLITE. Very fissile. Foliation 80-85° F_2	14/15		10.9	25.9	15.0								
		F_1 c to c plane 0°3°. Minor clots of sulfides sporadically													
		distributed. Boudin of quartz following prominent F_2 folia-													
		tion. Short intervals of bleached phyllite ($\leq$ 10cm).													
		20.5: Small fault=5cm. Black sticky gouge.													
		25.9-26: TRANSITIONAL CONTACT W/bleached phyllite.													

LOGGED BY _____ D.D.H. NO 76-U-63 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
25.9	28.3	BLEACHED PHYLLITE. Greenish white. Competent.	2.4/2.4		28.3	25.9	2.4								
		Calcite in groundmass as well as stringer. Foliation=55-60°.													
		S-shaped F_1 C to C plane-20° opposite direction of prominent													
		55-60° foliation.													
		28.3: Gradual change to Calcitic sericite phyllite.													
28.3	39.6	CALCITIC SERICITE PHYLLITE. Competent. Ash gray in colour	11.0/11.3		28.3	39.6	11.3								
		with slight greenish tint. Foliation-50° (F_2). F_1 not dis-													
		tinct, however, calcite filled fractures appear to have pat-													
		tern dipping 5° and opposite direction of foliation													
		Short interval of bleached phyllite (20cm) @ 35.5-35.7,													
		grownish gray colour.													
		39.6: Sharp contact with massive sulfide -80°													
39.6	42.6	MASSIVE SULFIDE ZONE. Competent, Brittle. 75 8	1.4/1.5	2335	39.6	41.1	1.5	7.92	4.10	70.63			11.88	6.15	105.945
		Po band 1-2cm =45°. Magnetic minerals predomi- 65 8	1.5/1.5	2336	41.1	42.6	1.5	7.10	3.90	68.57			10.65	5.85	102.855
		nant as bands and big clots. Calcite as amygdaloidal fills.		W.Av.	39.6	42.6	3.0	7.51	4.00	69.6			22.53	12.00	208.800
		42.6: Sharp contact with bleached phyllite.			39.6	42.8	3.2	7.04	3.75	65.3					
42.6	45.7	BLEACHED PHYLLITE. Competent. Light buff Colour.	3.0/3.1		42.6	45.7	3.1								
		Foliation-40°. Small clots of sulfides and discontinuous													
		calcite stringers. Talcy feel.													
		45.7: Gradual change to dark Sericite phyllite.													
45.7	51.8	DARK SERICITE PHYLLITE WITH TRACT OF GRAPHITE (S_8)	5.0/6.1		45.7	51.8	6.1								

LOGGED BY _____ D.D.H. NO 76-U-63 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
		congruent relationship. Ex:													
		51.8: Contact marked by broken ground (sheared.													
51.8	56.5	BLEACHED PHYLLITE (Sb) Alternating white, buff, greenish-	4.0/4.7		51.8	56.5	4.7								
		yellow and deep yellow colour, forming fine laminae-45-50°.													
		F_1-F_2 relationship is similar as described in preceeding run.													
		Some spotty fuchsite is sporadic distribution. Short inter-													
		vals of massive sulfides (≤ 5cm)-55.9.													
		56.2: Shearing. Sliding plane marked by minute sericite													
		flakes.													
		56.5: Sharp direct contact with massive sulfide.		W.Av.	56.3	64.0	7.7	6.87	6.86	102.64			52.933	52.872	790.309
56.5	64.0	MASSIVE SULFIDE ZONE (MBi) Dense and brittle.		W.Av.	59.4	64.0	4.6	9.13	9.13	137.42			42.00	42.012	632.128
		Compositional banding of Po + Mgtt; Sph-Gal; and sulfides-													
		gangue laminae-40-50°. Short interval of included bleached													
		phyllite 20cm. 70 8	1.4/1.6	2337	56.3	57.9	1.6	3.88	4.35	54.51			6.208	6.96	87.216
		Opalline silica as amygdaloidal fill. 70 8	1.5/1.5	2338	57.9	59.4	1.5	3.15	2.60	47.31			4.725	3.90	70.965
		59.4-59.6: Bleached phyllite inclusion. White 70 8	1.2/1.5	2339	59.4	60.9	1.5	4.70	6.42	71.66			7.05	9.63	107.49
		colour with clots of sulfides. 75 8	1.4/1.5	2340	60.9	62.4	1.5	7.30	8.18	113.14			10.95	12.27	169.71
		64.0: Contact marked by broken bull quartz. 75 +15	1.4/1.5	2341	62.4	64.0	1.6	15.00	12.57	221,83			24.00	20.112	354.928
64.0	67.3	BLEACHED SERICITE PHYLLITE (Sb). Silvery white colour.	3.0/3.3		64.0	67.3	3.3								
		Competent. Foliation-25°. Has talcy feel, minor sporadic cl													
		ots of sulfide.													
		67.3: Clean sharp contact-45° with chloritic phyllite													

LOGGED BY _____ D.D.H. NO 76-U-63 PAGE 4

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay % Pb	Assay % Zn	Assay % Ag
67.3	71.6	CHLORITE PHYLLITE (Sc). Competent. Generally dark gray in colour with prominent deep green laminae. Foliation F_2 (marked by green chlorite flakes)-35°. F_1 (c to c)-25° (opp. dip direction to F_2). Some intervals have almost equal chlorite-sericite content. Gradual change.	4.0/4.3		67.3	71.6	4.3								
71.6	80.7	ChLORITE PHYLLITE (Sc+c+g). Darker colour than preceeding run. Has trace of graphite in some interval. Green chlorite flakes are still prominent but in relatively finer grain than preceeding run. Folation-35°. Calcite in groundmass, as stringers and occassionally as bands ff. general foliation. 80.7: Gradual change to dark Sericite phyllite (S+k)	9.0/9.1		71.6	80.7	9.1								
80.7	96.0	DARK CALCITIC SERICITE PHYLLITE (S+k). Varying competency, some intervals very fissile. Calcite as discontinuous randomly oriented stringers sometimes following, sometimes cutting across foliation. Foliation-45°. F_1-varies from 0° to 10°. Very minor trace of graphite. 96.0: Gradual change to Quartz-sericite phyllite (S).	15.0/15.3		80.7	96.0	15.3								
96.0	106.6	QUARTZ-SERICITE PHYLLITE. Competent. Ash gray with greenish tint. Foliation-50°. F_1=1-5°. Some widely spaced short intervals have calcite stringers following F_1 while the rest are discontinuous stringers cutting across general foliation. 103.6-106: Strong greenish colouration of laminae chloritic	10.2/10.6												

BY _____ D.D.H. NO 76-U-63 PAGE 5

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
	106.6	END OF HOLE.													

FAGU 067

DRILL HOLE : FAGU067
NORTHING : 905,046.1
EASTING : 592,185.5
ELEVATION : 1,116.0
TOTAL DEPTH : 76.2
SECTION : W 78
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS ORE-SAMPLES:	18
NOS DOWN-H-SURVEYS:	1
NOS DOWN-H-LITHOLOGY:	31
NOS DOWN-H-STRUCTURE:	14
NOS DOWN-H-FAULTS:	1
NOS DOWN-H-SPLINES:	1
NOS COMPOSITES:	0

DDH: FAGU067 UTM-N: 905,046.1 UTM-E: 592,185.5 UTM-ELEV: 1,116.0 TOTAL DEPTH: 76.2 SECTION: W 78
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTHS FROM	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	BAD %	HG %	MN %	AS %	BA %	S.G. W.R.
.0	3.1	11474	3.1	2.0	4A0	3.10	.08	1.57	1.53	25.00		.81	1	9	10						
3.1	5.4	11475	2.3	2.0	4A0	3.10	.07	1.66	1.78	24.00		.89	1	8	10						
5.4	7.6	11476	2.2	2.0	4AE	3.04	.02	2.60	4.59	34.00		.75	1	6	7						
7.6	9.2	11477	1.6	1.1	4A14	3.12	.02	4.29	5.00	48.00		.81	1	15	17						
9.2	10.8	11478	1.6	1.6	4A14	2.95	.04	2.89	3.99	37.00		1.23	1	3	4						
10.8	12.1	11479	1.3	1.3	4E05	3.87	.02	.72	1.92	23.00		.81	1	28	29						
12.1	13.5	11480	1.4	1.4	4AE	4.26	.02	.47	1.85	14.99	12.00	.55	1	12	14						
13.5	15.5	11481	2.0	1.9	4A43	3.33	.05	2.08	3.20	45.00		1.23	1	13	15						
15.5	18.2	11482	2.7	2.7	4A43	3.56	.11	3.60	8.40	55.99		1.70	1	15	17						
18.2	20.2	11483	2.0	2.0	4E4	4.46	.14	9.69	14.49	140.00		2.74	2	24	27						
20.2	22.4	11484	2.2	2.2	4E4	4.86	.23	11.09	16.09	134.00		4.17	1	25	27						
22.4	24.4	11485	2.0	2.0	4G4	4.63	.08	3.60	8.19	75.00		1.03		14	15						
24.4	26.4	11486	2.0	1.9	4G4	4.63	.05	5.70	13.40	111.99		.95		13	14						
26.4	27.5	11487	1.1	1.1	4E4	4.17	.11	5.90	13.19	95.00		1.43	2	20	22						
27.5	29.5	11488	2.0	1.8	4E4	4.57	.11	3.20	19.50	45.00		1.16	1	27	29						
29.5	31.5	11489	2.0	1.8	4E4	4.55	.10	5.79	24.00	83.00		1.10	2	23	25						
31.5	33.5	11490	2.0	2.0	4E4	4.86	.08	5.70	22.00	85.00		.68	2	23	25						
33.5	35.4	11491	1.9	1.9	4EA4	4.34	.20	5.29	16.39	140.00		.47	2	22	24						
WEIGHTED AVERAGE																					
.0	35.4		35.4	32.7		3.93	.09	4.23	9.93	67.25	.47	1.28	1	16	18						

DDH: FAGU067 UTM-N: 905,046.1 UTM-E: 592,185.5 UTM-ELEV: 1,116.0 TOTAL DEPTH: 76.2 SECTION: W 78
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	89.100	225.500

DDH: FAGU067 UTM-N: 905,046.1 UTM-E: 592,185.5 UTM-ELEV: 1,116.0 TOTAL DEPTH: 76.2 SECTION: W 78
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
7.1	0001	4A0	(4A0 PHYLLITIC)	0.5-	1
7.6	0002	4E05	1 [4EA01]	0.5-	1
10.8	0003	4A14	PHYLLITIC	0.5-	1
12.1	0004	4E05	1 [4EA01]	0.5-	1
12.9	0005	4A0	GRAPHITIC	0.5-	1
13.5	0006	4E05	[4EA0]	0.5-	1
15.5	0007	4A43	GRAPHITIC	0.5-	1
18.2	0008	4A43	GRAPHITIC	0.5-	1
22.4	0009	4E4	& POROUS (4EA0)MINOR	0.5-	1
26.4	0010	4G4		0.5-	1
26.9	0011	4E4		0.5-	1
27.2	0012	4C0		0.5-	1
27.4	0013	4E4		0.5-	1
27.5	0014	5D4@	[4L4@ FUCHSITE]	0.5-	1
34.2	0015	4E4	& PDROUS	0.5-	1
34.6	0016	4A0	[5A69]	0.5-	1
35.4	0017	4E45	6 [4EA46]	0.5-	1
40.7	0018	5A6		0.5-	1
47.1	0019	5A16		0.5-	1
48.7	0020	5A41	6 &9 (PY)	0.5-	1
55.1	0021	5A0	(10Q0)	0.5-	1
55.4	0022	5AD	5A0 (5D0)	0.5-	1
55.9	0023	5D0		0.5-	1
58.7	0024	5A0	(5A3)	0.5-	1
59.7	0025	5D0		0.5-	1
62.1	0026	5A0	(5A3)	0.5-	1
66.8	0027	5D0	(5D3)	0.5-	1
67.4	0028	5B83		0.5-	1
68.4	0029	5D0		0.5-	1
70.4	0030	5B6	(5B63)	0.5-	1
76.2	0031	5E8		0.5-	1

ODH: FAGU067 UTM-N: 905,046.1 UTM-E: 592,185.5 UTM-ELEV: 1,116.0 TOTAL DEPTH: 76.2 SECTION: W 78
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

ODH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	S0 DIRECT	S1 ANGLE	S1 DIRECT	S2 ANGLE	S2 DIRECT	RFE CDE	DHDC	SDC	PROCESS
FAGU067	0.0	3.5	CS2	Z	0	0	0	0	30	230	0	1	1	1
FAGU067	0.0	8.9	CS2	Z	0	0	0	0	40	230	0	1	1	1
FAGU067	0.0	14.0	CS2	S	0	0	0	0	20	230	0	1	1	1
FAGU067	0.0	21.4		P	0	0	0	0	20	230	0	1	1	1
FAGU067	0.0	25.9		P	0	0	0	0	40	230	0	1	1	1
FAGU067	0.0	31.7		P	0	0	0	0	30	230	0	1	1	1
FAGU067	0.0	33.7		P	0	0	0	0	5	230	0	1	1	1
FAGU067	0.0	39.1	CS2	Z	0	0	0	0	30	230	0	1	1	1
FAGU067	0.0	45.2	PS2		0	0	0	0	5	230	0	1	1	1
FAGU067	0.0	51.7	CS2	E	0	0	0	0	1	230	0	1	1	1
FAGU067	0.0	56.7	CS2	Z	0	0	0	0	40	230	0	1	1	1
FAGU067	0.0	62.6	CS2	Z	0	0	0	0	10	230	0	1	1	1
FAGU067	0.0	66.1	CS2	S	0	0	0	0	30	230	0	1	1	1
FAGU067	0.0	74.8	CS2	Z	0	0	0	0	30	230	0	1	1	1

DDH: FAGU067 UTM-N: 905,046.1 UTM-E: 592,185.5 UTM-ELEV: 1,116.0 TOTAL DEPTH: 76.2 SECTION: W 78
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT REC CD	PARLL	UPPER PLANE		INTERNAL PLANE		LOWER PLANE		DHD
FAGU067	55.1	55.4	BG		0	0	0	0	0	0	1

DDH: FAGU067 UTM-N: 905,046.1 UTM-E: 592,185.5 UTM-ELEV: 1,116.0 TOTAL DEPTH: 76.2 SECTION: W 78
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGU067	1	1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Date: 4 SEPT/81

Hole Number: FAGU-67 (76-U-67)

Project: GRUM RELOG

Location: SECTION 78W

~~Claim:~~

UTM Terr. ~~Plane~~ Co-ords.: 905 ~~046~~.1 N

conversion of K-A grid locations 592 ~~185~~.5 E

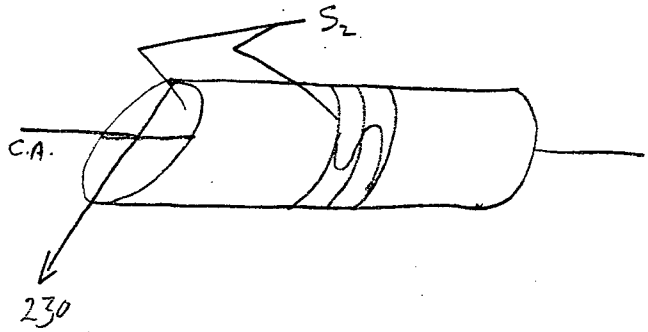
Grid Co-ords: 3N

78W

Elevation: 1116.0 m

Total Depth: 76.2 m

Reference Fabric Orientation Diagram:



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

Purpose: DEFINITION - GRUM DEPOSIT

Reason hole Terminated:

Logged by: DSJ

Date(s) Logged: 1 SEPT/81

Drilling Contractor:

CORE Size	From	To
BQ	0.0	76.2

Collar Cased and Capped: ____

Hole Cemented:

Steel down hole:

Started: 26 APRIL/76 Completed: 26 APRIL/76

Cyprus Anvil Mining Corp. Page 2 of 5

DDH FAG4067 (2 8)

Diamond Drill Core Log Date: 15 Sept. 81 Logged By: DSJ

Code	Drillhole	Elevation	Northing	Easting	Units (feet/metres)	R.F.E.	
	2 8	10 16	17 24	25 32	34 39	41 42	
T	FAG4067	1116.0	905946.1	592185.5	METERS	5.2	

KLP Oct/83

Code	Drillhole	Depth		Zenith Angle		True Azimuth	Comments
	2 8	10	14	22	26	28	34 56
R	FAG4067	0	0	89.1		225.9	AT COLLAR

225.5 to TRUE NORTH

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

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

DDH FAG-4-0-67 (2 — 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: 1 Sept 81 Logged By: DSJ

Code	From	To	Recov.	No.	Unit	Description
1	10 — 14	16 — 20	22 — 24	26 — 28	30 — 34	35
L	0.0	7.1		1	4A0	(4A0 phyllitic)
L	7.1	7.6		2	4E051	mass py. band in 4A; [4EA0]
L	7.6	10.8		3	4A14	phyllitic; not strongly graph.; carb only
L	10.8	12.1		4	4E051	as #2; [4EA0]
L	12.1	12.9		5	4A0	graphitic
L	12.9	13.5		6	4E05	as #2,4; [4EA0]
L	13.5	15.5		7	4A063	graphitic see assays
L	15.5	18.2		8	4A43	"
L	18.2	22.4		9	4E4	(4EA0) minor; higrade >20% comb. porous intervals, non-calc.
L	22.4	26.4		10	4G4	≈10%; non-calc., no Fe_3O_4
L	26.4	26.9		11	4E4	
L	26.9	27.2		12	4C9	sericite partings
L	27.2	27.4		13	4E4	
L	27.4	27.5		14	5D4*	anhedritic, fuchsitic; [4A4* fuchsitic]
L	27.5	34.2		15	4E4	±porous, ≈22% comb.; non-calc.
L	34.2	34.6		16	4A0	[5A69] not typical 4A0, carbon & sulf only
L	34.6	35.4		17	4E4516	[4EA46]; thin 4A interlands in dominantly 4E horizon; >20% comb.
L	35.4	40.7		18	5A6	
L	40.7	47.1		19	5A16	quite siliceous, carb. to graphitic non-calc phyll
L	47.1	48.7		20	5A4116	as 19 but altered, lt. gray, sericitic w/ minor 5A4169 (pyritic) horizons; non-calc
L	48.7	55.1		21	5A0	1000's calcite veinlets; wkly → mod. calc.
L	55.1	55.4		22	5AD	interlaved 5A0/5D0; broken core & gouge; fault; no attitudes possible
L	55.4	55.9		23	5D0	
L	55.9	58.7		24	5A0	(5A3); wkly to strongly calc.
L	58.7	59.7		25	5D0	
L	59.7	62.1		26	5A0	(5A3) as #24
L	62.1	66.8		27	5D0	(5D3); mod → strongly calc
L	66.8	67.4		28	5B83	
L	67.4	68.4		29	5D0	
L	68.4	70.4		30	5B6	(5B63); m gray generally wkly → non-calc
L	70.4	76.2		31	5E8	not true 5D3; chloritic phyllitic marble

C.A.M.C. 1981 – E-3

END OF HOLE @ 76.2m

DDH EAG.U.06.7 (2 — 8) **Cyprus Anvil Mining Corp.** Page 4 of 5

Structural Log Date: 1 Sept. 81 Logged By: [illegible]

Code	From	To	Feature	Sys	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 — 14	16 — 20	22 — 24	26	28 — 32	34 — 38	40 — 44	
S		135	CS12	Z			30 2310	
S		169	CS12	Z			40 2310	
S		1H6	CS12	S			20 2310	
S		214		R			20 2310	
S		259		R			40 2310	
S		317		R			30 2310	
S		337		R			05 2310	
S		391	CS12	Z			30 2310	essentially a Z region if S_2 dips SW
S		452	AS12				05 2310	
S		517	CS12	Z			00 2310	
S		567	CS12	Z			40 2310	
S		626	CS12	Z			10 2310	
S		661	CS12	S			30 2310	
S		7H8	CS12	Z			30 2310	

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

DDH EAG-U06-7 (2 / 8) Cyprus Anvil Mining Corp

Logged by

ASSAY LOG (SAMPLER'S COPY) Date 1 Sept 81 Sampled by

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
1	10 14	16 20	22 26	28 30	32 34	36 40	42
P	00	31	114714	31	28	4AO	
P	31	54	114715	20	20	4AO	
P	54	76	114716	20	20	4AE	
P	76	92	114717	16	11	4A14	
P	92	108	114718	16	16	4A14	
P	108	121	114719	13	13	4E05	
P	121	135	114810	14	14	4AE	
P	135	155	114811	20	19	4AO	
P	155	182	114812	27	27	4A4	
P	182	202	114813	20	20	4E4	
P	202	224	114814	22	22	4E4	
P	224	244	114815	20	20	4G4	
P	244	264	114816	20	19	4G4	
P	264	275	114817	11	11	4E4	
P	275	295	114818	20	18	4E4	
P	295	315	114819	20	18	4E4	
P	315	335	114910	20	20	4E4	
P	335	354	114911	19	19	4EA4	

Meters

FAULT

DDH FAGU067 (2 / 8)

Cyprus Anvil Mining Corp.

Structural Log

Page _____ of _____

Date: _____ Logged By: _____

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
F	1551	1554	BIG					broken core & gouge IND

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

DIAMOND DRILL RECORD

LOGGED BY ALEXANDER YOUNG PO D.D.H. Nº 76-U-67 PAGE 1

PROPERTY GRUM JOINT VENTURE

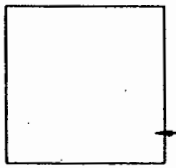
LATITUDE 10842.752 N 3N STARTED APRIL 26, 1976

DEPARTURE 7493.677 E 78W COMPLETED APRIL 26, 1976

ELEVATION 1126.585 M PROPOSED DEPTH

ULTIMATE DEPTH 76.2

HOLE SURVEY:		
DEPTH	BEARING	DIP
COLLAR	225° 28'	+01°



DIRECTION AND DISTANCE FROM N.E. CLAIM POST

CLAIM Nº

TOTAL CORE RECOVERY: 90.8%

Interval From	Interval To	DESCRIPTION	Py	PbZn	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
0	10.8	QUARTZ-SULFIDE (P). Competent. Foliation regular-	20	4	0.3/1.5	2414	0	1.5	1.5	1.33	0.95	20.23					
		ly marked by alternating laminae of sulfides-qtz &	20	5	1.0/1.5	2415	1.5	3.0	1.5	3.23	2.50	36.34					
		sometimes graph.=20°. Crenulations of F_1 (c to c	15	4	1.5/1.5	2416	3.0	4.5	1.5	0.95	0.40	14.06					
		plane=40° opposite direction to foliation) often	20	6	1.5/1.5	2417	4.5	6.0	1.5	3.93	4.40	40.46			5.895	6.60	60.69
		time distinct. Local short runs of mass. sulfides	20	6	1.5/1.6	2418	6.0	7.6	1.6	2.68	4.95	33.26			4.288	7.92	53.216
		showing 30° compositional banding. Details:	30	7	1.5/1.5	2419	7.6	9.1	1.5	3.30	3.90	42.51			4.95	5.85	63.765
		0-15: Broken ground. Extremely low recovery.	25	7	1.4/1.5	2420	9.1	10.6	1.5	2.78	4.00	32.23			4.17	6.00	48.345
		7.6-7.8: Massive sulfides-gradual change.	35	5	1.5/1.5	2421	10.6	12.1	1.5	0.79	2.05	18.17			1.185	3.075	27.255
		10.8: Clean contact with massive sulfides=40°.	20	5	1.5/1.6	2422	12.1	13.7	1.6	0.78	1.70	15.09			1.248	2.72	24.144
10.8	12.1	MASSIVE SULFIDES (MB). Banded. Compositional band	20	5	1.5/1.5	2423	13.7	15.2	1.5	2.30	2.75	39.43					
		of Py-Sph=40°. Cryto x'lline qtz. as amygdaloidal	25	6	1.5/1.5	2424	15.2	16.7	1.5	2.68	5.82	42.51			4.02	8.73	63.765
		filling very prominent. Shorts runs of qtz.ser $\lesssim$3cm	30	7	1.5/1.5	2425	16.7	18.2	1.5	4.93	10.11	67.54			7.395	15.165	101.31
		following trend of compositional band.	75	7	1.5/1.6	2426	18.2	19.8	1.6	9.45	13.79	128.23			15.12	22.064	205.168
		12.1: Sharp contact with graphitic phyllite=10°.	80	8	1.4/1.5	2427	19.8	21.3	1.5	10.51	13.81	100.80			15.765	20.715	151.2
12.1	13.2	GRAPHITIC PHYLLITE (Sg). Competent. W/laminae of	80	10	1.4/1.5	2428	21.3	22.8	1.5	8.20	12.82	114.17			12.3	19.23	171.255
		sulfides (mostly Py). Foliation approx. equal 5°.	70	6	1.5/1.5	2429	22.8	24.3	1.5	2.23	5.00	41.49			3.345	7.50	62.235
		12.4: Nose. Ellipsoidal foliation ser/qtz-graph.	70	4	1.4/1.6	2430	24.3	25.9	1.6	3.43	8.12	65.49			5.488	12.992	104.784

LOGGED BY _____ D.D.H. NO 76-U-67 PAGE 2

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		13.2: Sharp contact with quartz sulfide (P) approx.=5°.													
		Contact is clean (no flame structure) 70 6	1.5/1.5	2341	25.9	27.4	1.5	6.12	13.01	00.80			9.18	19.515	
13.2	18.2	QUARTZ-SULFIDE (P). Competent. Varying foliation. 70 5	1.5/1.5	2432	27.4	28.9	1.5	2.63	17.20	36.34			3.945	25.8	54.51
		13.7-15: Foliation approx.=0-5° around what appear 80 8	1.0/1.5	2433	28.9	30.4	1.5	5.40	21.54	58.63			8.10	32.31	87.945
		to be a fold nose at 14.2. 80 8	1.4/1.6	2434	30.4	32.0	1.6	5.50	22.72	67.54			8.80	36.352	108.064
		15.2-18.2: Foliation become more regular @ 40° 80 8	1.2/1.5	2435	32.0	33.5	1.5	5.95	22.18	80.57			8.925	33.27	120.855
		marked by aligned sericites (forming thin laminae) 70 6	1.3/1.5	2436	33.5	25.0	1.5	5.15	17.52	121.03			7.725	26.28	181.545
		and bands of qtz and sulfides. Trace of graphite. 30 4	1.4/1.5	2437	35.0	36.5	1.5	2.50	5.00	50.40			3.75	7.50	75.6
		16.8: Specka of peacock colour minerals (bornite?)													
		18.2: Sharp contact with massive sulfides=20°.		W.Av.	4.5	10.6	6.1	3.16	4.32	37.05			19.303	26.37	226.016
18.2	36.5	MASSIVE SULFIDE ZONE (M). Competent. Faint and varying com-		W.Av.	10.6	13.7	3.1	0.78	1.87	16.58			2.433	5.795	51.399
		positional banding, partly vuggy. Short runs of bleached													
		phyllite.													
		21.5: Sphalerite band=45° also followed by vugs.													
		22.9: Sphalerite band=60°; 27.4-27.6: Broken ground. Greenish bleached Phy													
		31.5: Compositional band Sph/gal + porous Py =20°.													
		32-33: Broken ground. Pebble size core. Mass. dense sulfs.													
		33: Bands and aligned vugs=2-5°. Suspect fold nose.													
		34.8: Bands=25°.													
		36.5: Sharp contact with graphitic phyllite=60°. Contact													
		marked by 3cm bleached phyllite with minor melusion of													

LOGGED BY _____ D.D.H. NO 76-U-67 PAGE 3

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay % Pb	Assay % Zn	Assay % Ag
36.5	55.2	GRAPHITIC PHYLLITE (Sg). Competent. Foliation=20°.	17.0/18.7		36.5	55.2	18.7								
		F_1 congruent with F_2. Minor sporadic sulfide showing.													
		FOLD NOSES: 45.9; 48.7; 50.5; 52.0.													
		BROKEN GROUND: 51.6; 55.0.													
		55.2: FAULT. Gray gouge with plenty of sericite flakes.													
55.2	76.2	CALCITIC-CHLORITIC SERICITE PHYLLITE (SK+c). Competent.	19.5/21		55.2	76.2	21.0								
		Greenish gray colour. Foliation=20-25°. Calcite in ground													
		mass and as laminae. General texture tuffaceous looking.													
		60: Shear. Marked by sliding plane with small sericite													
		flakes.													
		68.5: Broken ground. Appear to be intense shearing zone													
		$\leq$ 20cm.													
		71.4: FAULT. Greenish sticky gouge with quartz pebbles.													
		75.0: F_1 crenulations distinct axial plane approx.=20°													
		while c to c plane is 90°. F_2 is approx =25-30°.													
	76.2	END OF HOLE -IN WASTE													

DDH: FAGU067 -- 132 DEGREE PROFILE

(VIEW AZIMUTH = 42 DEGREES)

ELEV: 1116 592186E ; 905046N

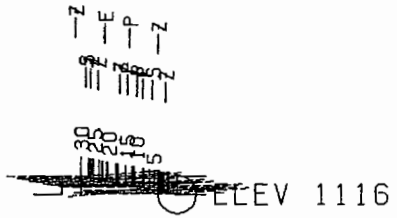
PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

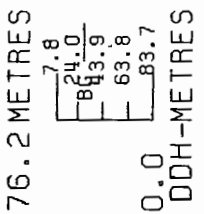
CORRECTED COLLAR POSITION: X = 333.5 Z = 1116.0

SECTION NAME: 00N



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 29 JAN 1985 9:40 AM





DDH: FAGU067 -- 132 DEGREE PROFILE

(VIEW AZIMUTH = 42 DEGREES)

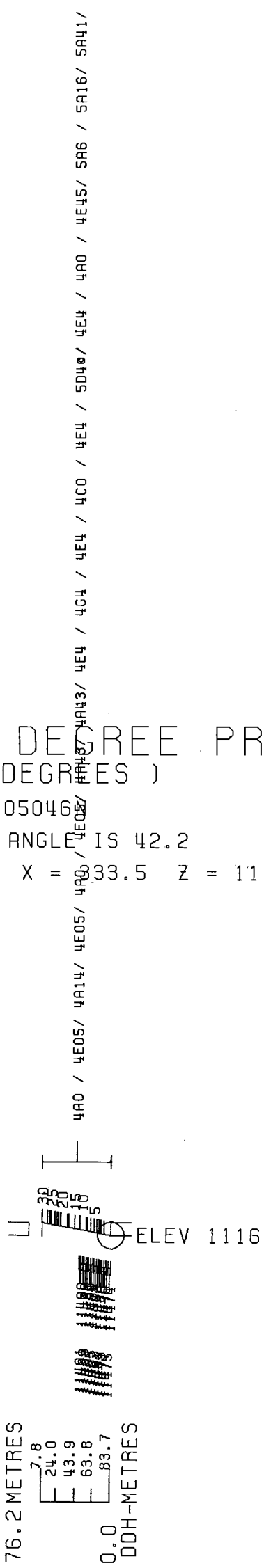
ELEV: 1116 592186E ; 9050462N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 333.5 Z = 1116.0

SECTION NAME: OON

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 29 JAN 1985 9:25 AM



DRILL HOLE : FAGU079
NORTHING : 905,045.3
EASTING : 592,186.2
ELEVATION : 1,114.5
TOTAL DEPTH : 97.5
SECTION : W 78
R.F.E. : S2
RFE DIRECTION: 50
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS ORE-SAMPLES:	28
NOS DOWN-H-SURVEYS:	3
NOS DOWN-H-LITHOLOGY:	40
NOS DOWN-H-STRUCTURE:	18
NOS DOWN-H-FAULTS:	16
NOS DOWN-H-SPLINES:	3
NOS COMPOSITES:	0

DDH: FAGU079 UTM-N: 905,045.3 UTM-E: 592,186.2 UTM-ELEV: 1,114.5 TOTAL DEPTH: 97.5 SECTION: W 78
RFE: S2 RFE DIR: 50 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTHS FROM	DEPTHS TO	SAMPLE NO.	INT.	REC.	ROCK UNIT	S.G. PULP	CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
.0	2.5	11841	2.5	2.0	4A0	3.18	.08	1.30	.91	21.00		.81		11	12						
2.5	4.9	11842	2.4	2.2	4A0	2.99	.05	.46	.23	11.00		1.64		5	6						
4.9	6.4	11843	1.5	1.4	4A4	3.04	.04	3.70	3.20	44.00		1.51		5	5						
6.4	7.8	11844	1.4	1.4	4A4		.02	3.16	2.60	34.00											
7.8	9.3	11845	2.0	2.0	4A4	3.06	.02	2.70	2.39	30.99		2.19		5	5						
9.8	11.8	11846	2.0	2.0	4A0	2.95	.02	3.10	1.05	30.99		2.74		4	5						
11.8	13.8	11847	2.0	2.0	4A0	3.18	.04	2.39	.65	27.99		1.51	1	13	14						
13.8	15.4	11848	1.6	1.6	4A0	3.08	.05	.94	.41	27.00		.40	1	11	12						
15.4	16.7	11849	1.3	1.3	4A0	3.31	.10	.90	.52	19.00		1.70	1	13	14						
16.7	18.2	11850	1.5	1.5	4A4	3.12	.11	3.29	5.70	41.00	30.99	1.16	1	10	12						
18.2	19.7	11851	1.5	1.5	4A0	3.16	.08	2.60	1.37	33.00		1.30		11	12						
19.7	21.7	11852	2.0	2.0	4A4	3.18	.14	3.79	5.29	51.00		1.98	1	10	12						
21.7	23.0	11853	1.3	1.3	4A0	3.00	.07	1.65	.45	25.00		1.30		7	8						
23.0	25.0	11854	2.0	1.9	4A4	3.06	.08	3.89	4.29	50.00		1.03	1	5	6						
25.0	27.0	11855	2.0	2.0	4A4	3.22	.08	2.50	3.60	40.00		1.10		11	12						
27.0	29.1	11856	2.1	2.1	4A4	2.91	.16	5.09	5.00	96.00		2.19	1	18	19						
29.1	31.2	11857	2.1	2.1	4A4	3.56	.14	3.70	4.29	70.00		1.91	1	18	19						
31.2	33.2	11858	2.0	1.7	4E4	4.29	.22	1.83	3.20	34.00		1.51	1	34	36						
33.2	35.2	11859	2.0	1.9	4E4	4.61	.31	3.79	5.00	63.99		1.64	1	35	37						
35.2	36.5	11860	1.3	.8	4E4	4.67	.28	4.29	10.00	97.00	93.00	2.19	2	28	31						
64.7	66.6	11861	1.9	1.9	4H2	3.64	.08	4.50	7.70	65.00		.27	11	10	21						
66.6	68.6	11862	2.0	2.0	4EH	4.06	.23	6.29	11.09	100.00		.47	9	17	27						
68.6	70.6	11863	2.0	2.0	4E4	4.63	.24	8.80	12.50	145.00		.62	3	26	29						
70.6	72.6	11864	2.0	2.0	4E4	4.34	.14	5.40	7.99	106.00		.75	1	23	25						
72.6	74.6	11865	2.0	2.0	4E46	4.54	.26	4.90	8.10	116.99		1.85		22	23						
74.6	76.6	11866	2.0	1.9	4E4	4.50	.20	4.59	6.70	112.99		1.85		26	27						
76.6	78.4	11867	1.8	1.8	4EG4	4.42	.14	5.79	9.80	126.99		2.81	1	24	25						
78.4	80.1	11868	1.7	1.6	4D7	3.20	.08	1.97	3.20	39.00		.47	3	7	11						
WEIGHTED AVERAGE																					
.0	36.5		36.5	34.7		3.20	.10	2.74	2.94	42.09	4.58	1.51	1	13	14						
64.7	80.1		15.4	15.2		4.18	.17	5.34	8.47	102.62		1.13	4	20	24						

ODH: FAGU079 UTM-N: 905,045.3 UTM-E: 592,186.2 UTM-ELEV: 1,114.5 TOTAL DEPTH: 97.5 SECTION: W 78
RFE: S2 RFE DIR: 50 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	119.800	218.400
45.700	124.800	228.000
96.000	131.000	229.000

DDH: FAGU079 UTM-N: 905,045.3 UTM-E: 592,186.2 UTM-ELEV: 1,114.5 TOTAL DEPTH: 97.5 SECTION: W 78
RFE: S2 RFE DIR: 50 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
4.9	0001	4A0		0.5-	1
7.8	0002	4A4		0.5-	1
15.4	0003	4A0	(4A4) AT TOP	0.5-	1
16.7	0004	4A4	(4A43)	0.5-	1
19.7	0005	4A0	(4A4) AT TOP	0.5-	1
20.6	0006	4A4		0.5-	1
23.0	0007	4A0		0.5-	1
29.1	0008	4A4	(4A4 PHYLLITIC)	0.5-	1
30.0	0009	4A0		0.5-	1
31.2	0010	4A4		0.5-	1
31.5	0011	4A31	(4C5) MINOR	0.5-	1
36.2	0012	4E4	(4A3) (4E4#) MINOR	0.5-	1
36.5	0013	4E64		0.5-	1
46.2	0014	5A$	-> 5B2$ LOCALLY	0.5-	1
47.8	0015	5B62		0.5-	1
52.9	0016	5B62		0.5-	1
58.7	0017	5B62		0.5-	1
61.4	0018	5B62	BXA	0.5-	1
62.2	0019	4H2		0.5-	1
64.7	0020	5A6	(5A69)	0.5-	1
65.5	0021	4H2		0.5-	1
66.3	0022	5B6	(4H) BXA	0.5-	1
66.6	0023	4A0	BXA	0.5-	1
67.7	0024	4H0	BXA	0.5-	1
70.4	0025	4E4	BXA	0.5-	1
70.6	0026	5D4@		0.5-	1
71.9	0027	4E4		0.5-	1
75.6	0028	4E46	(4G4)	0.5-	1
77.2	0029	4E4	BXA	0.5-	1
77.6	0030	4G4		0.5-	1
77.8	0031	4E4		0.5-	1
78.0	0032	4G4		0.5-	1
78.4	0033	4E4	-> 4F4 BUCKSHOT	0.5-	1
78.6	0034	5D4*		0.5-	1
80.1	0035	4D7	BX A	0.5-	1
80.2	0036	5B62	GOUGE	0.5-	1
80.5	0037	5B62		0.5-	1
80.7	0038	5B62	GOUGE	0.5-	1
83.3	0039	5B62		0.5-	1
97.5	0040	5DC	(5D3)	0.5-	1

DDH: FAGU079 UTM-N: 905,045.3 UTM-E: 592,186.2 UTM-ELEV: 1,114.5 TOTAL DEPTH: 97.5 SECTION: W 78
RFE: S2 RFE DIR: 50 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
FAGU079	0.0	2.4	CS2	Z	0	0	50	0	50	50	0	1	1	1
FAGU079	0.0	3.5	CS2	Z	0	0	40	0	65	50	0	1	1	1
FAGU079	0.0	10.8	CS2	Z	0	0	30	0	60	50	0	1	1	1
FAGU079	0.0	14.7	CS2	Z	0	0	30	0	60	50	0	1	1	1
FAGU079	0.0	20.0	CS2	S	0	0	15	0	35	230	0	1	1	1
FAGU079	0.0	25.0	CS2	Z	0	0	0	0	50	230	0	1	1	1
FAGU079	0.0	28.9	CS2	S	0	0	30	180	65	50	0	1	1	1
FAGU079	0.0	33.0		P	0	0	0	0	50	50	0	1	1	1
FAGU079	0.0	39.2	CS2	Z	0	0	70	0	50	50	0	1	1	1
FAGU079	0.0	43.6	CS2	Z	0	0	60	0	55	50	0	1	1	1
FAGU079	0.0	47.0	CS2	Z	0	0	60	0	45	50	0	1	1	1
FAGU079	51.6	67.7	BXA		0	0	0	0	0	50	0	1	0	0
FAGU079	0.0	73.1		P	0	0	0	0	60	230	0	1	1	1
FAGU079	0.0	78.2		P	0	0	0	0	25	230	0	1	1	1
FAGU079	0.0	85.7	CS2	Z	0	0	50	180	20	230	0	1	1	1
FAGU079	0.0	89.2	CS2	Z	0	0	40	0	40	50	0	1	1	1
FAGU079	0.0	91.2	CS2	S	0	0	30	0	30	230	0	1	1	1
FAGU079	0.0	95.3	CS2	Z	0	0	80	180	50	230	0	1	1	1

DDH: FAGU079 UTM-N: 905,045.3 UTM-E: 592,186.2 UTM-ELEV: 1,114.5 TOTAL DEPTH: 97.5 SECTION: W 78
RFE: S2 RFE DIR: 50 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
FAGU079	47.8	52.9	1XQ		0	0	0	0	0	0	1
FAGU079	54.4	55.0	X		0	0	0	0	0	0	1
FAGU079	57.6	58.2	X		0	0	0	0	0	0	1
FAGU079	52.9	58.7	2XQ		0	0	0	0	0	0	1
FAGU079	58.7	61.4	3X		0	0	0	0	0	0	1
FAGU079	61.4	62.2	SX		0	0	0	0	0	0	1
FAGU079	62.2	64.7	X		0	0	0	0	0	0	1
FAGU079	64.7	65.5	XD		0	0	0	0	0	0	1
FAGU079	65.5	66.3	XD?		0	0	0	0	0	0	1
FAGU079	66.3	66.6	XD?		0	0	0	0	0	0	1
FAGU079	66.6	67.7	XD?		0	0	0	0	0	0	1
FAGU079	67.7	70.4	XD?		0	0	0	0	0	0	1
FAGU079	75.6	77.2	XQ		0	0	0	0	0	0	1
FAGU079	78.6	80.1	XQ		0	0	0	0	0	0	1
FAGU079	80.1	80.2	G		0	0	0	0	99	999	1
FAGU079	80.5	80.7	G		0	0	0	0	0	0	1

DDH: FAGU079 UTM-N: 905,045.3 UTM-E: 592,186.2 UTM-ELEV: 1,114.5 TOTAL DEPTH: 97.5 SECTION: W 78
RFE: S2 RFE DIR: 50 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGU079	1	2
FAGU079	2	2
FAGU079	3	1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: FAGU 079

Project: GRUM RELOG

Location: 78 W.

Claim:

UTM ~~Terr.~~ Plane Co-ords.: 905045.3 N

Conversion of K-A grid: 592186.2 E

Grid Co-ords.:

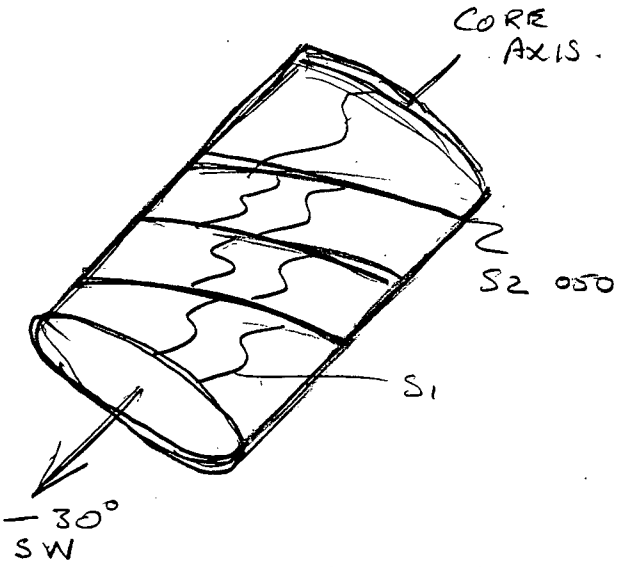
Inclination:

Elevation: 1114.5 m.

Total Depth: 97.5 m

Purpose: GRUM U/G.

Fabric Orientation Diagram:



All symmetry determinations looking NW with S2 dipping ME. with dip azimuth 050.

Logged by: DSJ Date(s) Logged: 17 SEPT 81

Drilling Contractor: CAM/McCUTCH Core: Size BQ From 0 To 97.5 Collar Cased and Capped: ____

Started: 15 MAY 76 Completed: 16 MAY 76.

Cyprus Anvil Mining Corp.

DDH FAG4079 (2–8)

Diamond Drill Core Log Date: 17 SEP 81 Logged By: DSJ

Code	Drillhole (2–8)	Elevation (10–16)	Northing (17–24)	Easting (25–32)	Units (feet/metres) (34–39)	R.F.E. (41–42)	
T	FAG4079	1114.5	9050451.3	592186.2	METRES	S2	

119.85

Code	Drillhole (2–8)	Depth (10–14)	Zenith Angle (22–26)	True Azimuth (28–32)	218.4 for True North Comments (34–56)
R	FAG4079	00	119.9	216.8	AT COLLAR
R	FAG4079	457	124.8	218.0	SPERRY MAG
R	FAG4079	960	131.0	219.0	

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

DDH EAG.4.079 (2 8) Cyprus Anvil Mining Corp. Page 3 of 6

Lithologic Log Date: 17 Sept 81 Logged By: [illegible]

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	00	49		1	4AQ	
L	49	78		2	4A4	
L	78	154		3	4AQ	(4A4) AT TOP
L	154	167		4	4A4	(4A43)
L	167	197		5	4AQ	(4A4) AT TOP
L	197	206		6	4A4	
L	206	230		7	4AQ	
L	230	291		8	4A4	(4A4 phyllitic)
L	291	300		9	4AQ	
L	300	312		10	4AH	
L	312	315		11	4A31	(4C5)
L	315	362		12	4E4	w/ 4A3 31.8-32.0 & 4E4* calcitic 33.1-33.4
L	362	365		13	4E64	not true 4G <10% BaSO4
L	365	462		14	5A*	wkly dolomitic w/ thin cream colored dol. laminae; approaching 5B2* in places
L	462	478		15	5B62	w/ striped appearance due to graph. foliae
L	478	529		16	5B62	less carb./graph than 15 w/ incipient brxiation & hairline qtz-CO_3 veinlet networks
2	529	587		17	5B62	brxiated & incipiently brxiated w/ qtz-CO_3 py stockworks & hairline veinlet networks; two qtz-CO_3-py healed brxia zones 54.4-55.0 & 57.6-58.2M brxiation clearly post-D_2
L	587	614		18	5B62	BXIA w/ xtalar heterolithic 5B62 clasts floating in a non-calc., light med grey "rock flour" matrix; both framework & matrix supported; no intrusive material evident — possible diatreme??
L	614	622		19	4H2	strongly foliated, sheared v.f. xtline po+py w/ thin brxia bands ↑S2 & contacts of sulphides
L	622	647		20	5A6	(5A69) brxiated & partially healed by dol. & po
L	647	655		21	4H2	w/ finely xtline greenish py ↑ fol^{n} &

DDH EAG-U-079 (2 / 8) Cyprus Anvil Mining Corp. Page 4 of 6

Lithologic Log Date: 15 Sept 81 Logged By: DS

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						numerous rotated clasts of 5B62 ± gtz-CO_3=
L	6455	6603		22	5B6a	4H; Bxia, heterolithic; brownish gray, non-calc, variably sulfidic heterolithic bxia of 5B6, 4H0, 4C0 and gtz-CO_3 tuff frags in vb Hem ± sometimes po matrix; also 4H frags in bxia — diatreme?? — no intrusive material hosting bxia
L	6603	6606		23	4A0	bxia w/in bxia of #22/24
L	6606	6717		24	4H0	bxia cf. #22 w/ predominance of po+py (marcasite??) matrix w/ hetero lithic clasts "floating" in sulf. dominant matrix
L	6717	7104		25	4E4	minor cm bxia w/ 4E clasts in Pbs-Zns-py matrix; 68.6-68.8 ≡ 5B6 bxia as #22
L	7104	7106		26	5D4*	anhenitic 2-5% fuchsite
L	7106	7119		27	4E4	
L	7119	7556		28	4E4G	(4G4); barite disseminated throughout interval generally < 10%
L	7556	7712		29	4E4	much of interval bxiated & healed by $CaMg(CO_3)_2$
L	7712	7776		30	4G4	
L	7776	7778		31	4E4	
L	7778	7780		32	4G4	
L	7780	7814		33	4E4	⇒ 4F4 buckshot
L	7814	7816		34	5D4*	strongly fuchsitic see analys
L	7816	8001		35	4B7D	bxia commonly gtz-CO_3= healed
L	8001	8002		36	5B6a2	gouge; upper contact indeterminate lower contact gouge on HS_2 artifact??
L	8002	8005		37	5B6a2	
L	8005	8017		38	5B6a2	gouge; upper & lower contacts indeterminate
L	8017	8333		39	5B6a2	
L	8333	9775		40	5D0	(5D3)

DDH EAG-079 (2 8) **Cyprus Anvil Mining Corp.** Page 5 of 6

Structural Log Date: 17 Sept 81 Logged By: DSF

Code	From	To	Feature	Sys	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
	10 14	16 20	22 24	26	28 32	34 38	40 44	
S		249	CS,2	Z		50 050	50 050	S_1 steeper than S_2
S		305	CS,2	Z		40 050	65 050	
S		608	CS,2	Z		30 950	60 050	
S		1147	CS,2	Z		30 050	60 050	
S		1200	CS,2	S		15 230	35 230	
S		1250	CS,2	Z			50 230	S_2 may be horiz °° sym. NFG
S		1289	CS,2	S		30 230	45 050	
S		1330		R			50 950	
S		1392	CS,2	Z		70 050	50 050	
S		1430	CS,2	Z		40 050	55 050	
S		1470	CS,2	Z		60 050	45 050	
S	1516	1677	BXA					BXA °° no attitudes / symmetry
S		1731		R			40 230	Dip direct. uncertain
S		1782		R			25 230	
S		1857	CS,2	Z		50 050	20 230	
S		1892	CS,2	Z		40 050	40 050	S_1 steeper than S_2
S		1912	CS,2	S		30 230	30 230	S_1 " " "
S		1953	CS,2	Z		60 050	50 230	

DDH FAG-U079 Cyprus Anvil Mining Corp

Page 6 of 6

Logged by

ASSAY LOG (SAMPLER'S COPY) Date 17 Sept. 81 Sampled by

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
	10 14	16 20	22 26	28 30	32 34	36 40	42
P	100	125	118141	25	20	HA01	
P	125	149	118142	24	22	HA01	
P	149	164	118143	15	14	HA41	
P	164	178	118144	14	14	HA41	
P	178	198	118145	20	20	HA04	4 see assays
P	198	1116	118146	20	20	HA01	
P	1116	1138	118147	20	20	HA01	
P	1138	1154	118148	16	16	HA01	
P	1154	1167	118149	13	13	HA41	
P	1167	1182	118150	15	16	HA04	4 see assays
P	1182	1197	118151	15	15	HA01	
P	1197	1217	118152	20	20	HAH1	
P	1217	1230	118153	13	13	HA01	
P	1230	1250	118154	20	19	HA41	
P	1250	1270	118155	20	20	HA41	
P	1270	1291	118156	21	21	HA41	
P	1291	1312	118157	21	21	HA04	
P	1312	1332	118158	20	17	HEA4	
P	1332	1352	118159	20	19	HE41	
P	1352	1365	118610	13	08	HE41	(4E46)
							4H2
P	1641	1666	118611	19	19	15B619	(4H2) (4A0)
P	1666	1686	118612	20	20	HE41	4EH
P	1686	1706	118613	20	20	HE41	(5D4*)
P	1706	1726	118614	20	20	HE41	(4E46)
P	1726	1746	118615	20	20	HE46	
P	1746	1766	118616	20	19	HE41	
P	1766	1784	118617	18	18	HEA1	(4G4) 4EG4
P	1784	1801	118618	17	16	HB17	(5D4*) see assays
						D	

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

Meters

FAULT

DDH FAGU079 (2 / 8) Cyprus Anvil Mining Corp. Page ____ of ____

Structural Log Date: 6 Oct/82 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	1417 8	1512 9	1 1 X 1 Q					incipient bxiation & hairline qtz-CO_3 veinlet networks
F	1512 9	1518 7	2 1 X 1 Q					bxiated & incipiently bxiated w/ qtz-CO_3-py stockworks & hairline vein networks
F	1514 4	1515 0	X 1					? qtz-CO_3-py healed bxa
F	1517 6	1518 2	X 1					S zones bxiation post D_2
F	1518 7	1611 4	3 1 X 1					BXA angular heterolithic SBGz clasts in non-calc, light-med. gray rock flour matrix
F	1611 4	1612 2	S 1 X 1					sheared w/ thin bxa bands $\parallel S_2$ & contacts of sulphides
F	1612 2	1614 7	X 1					bxiated & partly healed by dol & po
F	1614 7	1615 5	X 1 D 1					numerous rotated clasts of SBGz & qtz-CO_3
F	1615 5	1616 3	X 1 D 1 ?					heterolithic bxa of SBG, MCO, MCO, & qtz-CO_3 angul clasts in rock & sulfide flour
F	1616 3	1616 6	X 1 D 1 ?					bxa w/in bxa
F	1616 6	1617 7	X 1 D 1 ?					heterolithic clasts floating in sulfide dominant matrix
F	1617 7	1710 4	X 1 D 1 ?					minor coarse bxa of ME clasts in PbS-ZnS-py matrix
F	1715 6	1717 2	X 1 Q 1					bxiated & healed by dol
F	1718 6	1810 1	X 1 Q 1					bxa — commonly qtz-CO_3 healed
F	1801 1	1810 2	G 1				9 1 9 9 1 9	gouge, upper cnt $\parallel S_2$
F	1810 5	1810 7	G 1					IND

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

DIAMOND DRILL RECORD

LOGGED BY ALEXANDER YOUNG PO D.D.H. Nº 76-U-79 PAGE 1

PROPERTY GRUM JOINT VENTURE CLAIM Nº

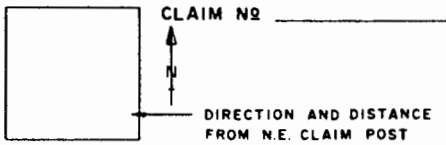
LATITUDE 10 841.867 3N STARTED MAY 15, 1976

DEPARTURE 7494.408 78W COMPLETED MAY 16, 1976

ELEVATION 1125.110 M PROPOSED DEPTH

ULTIMATE DEPTH 97.5m

HOLE SURVEY:		
DEPTH	BEARING	DIP
COLLAR	218° 23'	-29° 51'
45.7m	227	-35°
96.0m	228	-41°



DIRECTION AND DISTANCE FROM N.E. CLAIM POST

TOTAL CORE RECOVERY: 94.6%.

Interval From	Interval To	DESCRIPTION	Py	PbZn	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
0	30.5	GRAPHITIC QUARTZ PHYLLITE W?SULPHIDE (Pg). Compe-	15	5	0.9	2743	0	1.5	1.5	1.37	1.00	18.17					
		tent. Foliation=60° (F_2); F_1 =0-3° and off setted	15	4	1.4	2744	1.5	3.0	1.5	0.44	0.24	8.91			0.68	PbZn	
		by F_2 -ex. 2.6 local concentration of Sph generally	10	3	1.4	2745	3.0	4.6	1.6	0.50	0.14	9.94			0.64	PbZn	
		following F_2. Py prominently following F_1 in fold	20	6	1.3	2746	4.6	6.1	1.5	3.40	1.78	35.31			5.10	2.67	52.965
		noses. Fold noses @: 13.5; 15; 18.3;	25	6	1.5	2747	6.1	7.6	1.5	2.93	2.63	30.17			4.395	3.945	45.255
30.5	32.0	TRANSITIONAL ZONE BETWEEN GRAPHITIC-QTZ-SULF-PHYLL.	25	6	1.5	2748	7.6	9.1	1.5	3.15	1.30	32.22			4.725	1.95	48.33
		(PG) AND MASS. SULFIDE ZONE (M). Foliation and	20	6	1.5	2749	9.1	10.7	1.6	3.10	1.00	29.14			4.96	1.60	46.24
		bands=40°. Sulfide bands gradually thickening	30	7	1.5	2750	10.7	12.2	1.5	1.53	0.30	19.20			2.295	0.45	28.8
		towards end of run.	35	5	1.4	2751	12.2	13.7	1.5	1.25	0.26	28.45			1.875	0.39	42.675
		30.6-30.9: Broken grd. No clay materials but core	25	4	1.5	2752	13.7	15.2	1.5	0.73	0.38	16.11			1.095	0.57	24.165
		is angular to Sub-angular=2-4cm.	30	8	1.5	2753	15.2	16.8	1.6	2.88	3.45	31.20			4.61	5.52	49.92
32.0	36.6	MASSIVE SULFIDE(M). Generally competent except for	15	6	1.4	2754	16.8	18.3	1.5	2.60	1.32	29.14			3.90	1.98	43.71
		a short interval (=20cm) of Saccharoidal Py. Com-	15	5	1.5	2755	18.3	19.8	1.5	1.89	1.56	23.31			2.835	2.34	34.965
		positional banding=85°.	15	6	1.5	2756	19.8	21.3	1.5	2.38	2.86	26.40			3.57	4.29	39.6
		33.1-33.1: Sugary Py, very friable.	20	6	1.5	2757	21.3	22.9	1.6	1.85	0.63	24.34			2.96	1.008	38.944
		36.5: Banding changes to =75°.	15	8	1.5	2758	22.9	24.4	1.5	4.35	4.40	48.34			6.525	6.60	72.51

LOGGED BY ALEXANDER YOUNG PO D.D.H. NO 76-U-79 PAGE 2

Interval From	Interval To	DESCRIPTION	Py	PbZn	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
36.6	64.0	GRAPHITIC PHYLLITE (G). Some parts competent,but	30	15	1.4	2760	25.9	27.4	1.5	3.65	4.40	58.62			5.475	6.60	87.93
		other short runs are very fissile. Foliation=45-	30	+15	1.3	2761	27.4	29.0	1.6	5.20	4.95	89.82			8.32	7.92	143.71
		50° (F 2). F 1=0-5°. Sporadic sulfide clots.	40	15	1.4	2762	29.0	30.5	1.5	2.30	2.54	45.25			3.45	3.81	67.875
			55	8	1.0	2763	30.5	32.0	1.5	2.70	3.06	48.34			4.05	4.59	72.51
		47.2-47.5: Fold nose.	75	6	0.9	2764	32.0	33.5	1.5	4.68	7.45	62.40			7.02	11.175	93.6
		53.3-56.4: Bx..Zone. Black phyllite fragments	75	5	1.6	2765	33.5	35.1	1.6	2.43	2.10	40.45			3.888	3.36	64.72
		angular 1-2cm cemented by quartz and some intersti-	70	4	1.3	2766	35.1	36.6	1.5	5.00	9.28	95.65			7.50	13.92	143.98
		tial sulfides.			27.0		36.6	64.0	27.4								
		61.5-61.8: Massive Pyrrh. banda. Trace of Sph.	30	Tr.													
		64.0: Gradual change to Quartz-Sulfide (P).															
64.0	67.1	QUARTZ-SULPHIDE (P). Competent. Prominent Po bands.		Cpy.													
		in sporadic blebs. Foliation=40°. F 1 not distinct	30	6	1.5	2767	64.0	65.5	1.5	6.16	8.64	70.62			9.24	12.96	105.93
		Yellowish-green stain along cavity walls - asso.w/	35	8	1.6	2768	65.5	67.1	1.6	3.90	7.14	54.51			6.24	11.424	87.216
		clayey material (pyromorphite?) @ 65.0. Barite	35	8	1.5	2769	67.1	68.6	1.5	8.24	13.78	111.14			12.36	20.67	169.71
		prisms in vugs.	70	8	1.4	2770	68.6	70.1	1.5	9.10	13.22	132.00			13.65	19.83	198.0
		67.1: Gradual change to Massive Sulfides (M).	75	12	1.4	2771	70.1	71.6	1.5	7.92	8.52	127.20			11.88	12.78	190.8
67.1	79.2	MASSIVE SULFIDES (M). Competent. Calcite stringers	80	8	1.6	2772	71.6	73.2	1.6	6.18	9.34	115.88			9.888	14.944	185.41
		in random orientation. Small run of bx'ted sulfides	75	12	1.5	2773	73.2	74.7	1.5	5.31	7.67	118.97			7.965	11.505	178.46
		Compositional bands=45-50°.	75	10	1.5	2774	74.7	76.2	1.5	5.35	7.18	114.85			8.025	10.77	172.28
		70.5-70.7: Bleached phyllite (Sb). Greenish	75	10	1.5	2775	76.2	77.7	1.5	4.28	6.72	95.65			6.42	10.08	143.48
		white with thin sulfide laminae.	70	12	1.5	2776	77.7	79.2	1.5	6.57	10.25	110.05			9.855	15.375	165.08
		71.7-71.9: Sulfide Py... Angular Sulfide fragments ( )															

LOGGED BY ALEXANDER YOUNG PO D.D.H. NO 76-U-79 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
		cemented by cryto x'lline sulfides and calcite. Cockade		W.Av.	1.5	4.6	3.1	0.66	PbZn						
		structure.		" "	4.6	10.7	6.1	3.14	1.66	31.68			19.180	10.165	193.17
		78.3-78.5: Bleached phyllite 9Sb). Green fuchsite promi-		"	10.7	15.2	4.5	1.17	0.31	21.25			5.265	1.41	95.640
		nent together with sulfide clots.		" "	16.8 15.2	22.9 22.9	6.1 7.7	2.17 2.32	1.57 1.97	25.77 26.90			13.265 17.88	9.618 15.14	157.22 207.14
		79.2: Contact with Graphitic Phyllite (sg). Broken ground		" "	22.9	29.0	6.1	4.14	4.39	59.81			25.27	26.82	364.82
		marked by bull quartz.			29.0 22.9	32.0 32.0	3.0 9.1	2.50 3.60	2.80 3.87	46.79 55.5			7.50	8.40	140.39
79.2	83.5	GRAPHITIC PHYLLITE (Sg). Plenty of broken ground intervals	3.9		79.2	83.5	4.3								
		Foliation=45°. F_1 appears to be parallel to F_2.													
		80.5-80.6: FAULT GOUGE. Black sticky clay.		W.Av.	32.0	36.6	4.6	4.00	6.18	65.61			18.408	28.455	301.80
		80.7-80.8: Shear. Plane marked by graphite flakes.													
		83.5: Sharp contact with Chlorite-calcitic phyllite (Sc+K).		W.Av.	64.0	79.2	15.2	6.28	9.23	105.02			95.534	140.338	1596.3
		Contact marked by bull quartz=40°.													
83.5	97.5	CHLORITIC-CALCITE SERICITE PHYLLITE (Sc+K).													
		Competent. Has greenishtint in groundmass. Calcite in													
		groundmass and as random stringers. Foliation=40°. F_1													
		not distinct.													
		94.5: Shear. Marked by finely ground sericite specks.													
	97.5	END OF HOLE.													

DDH: FAGU079 -- 132 DEGREE PROFILE

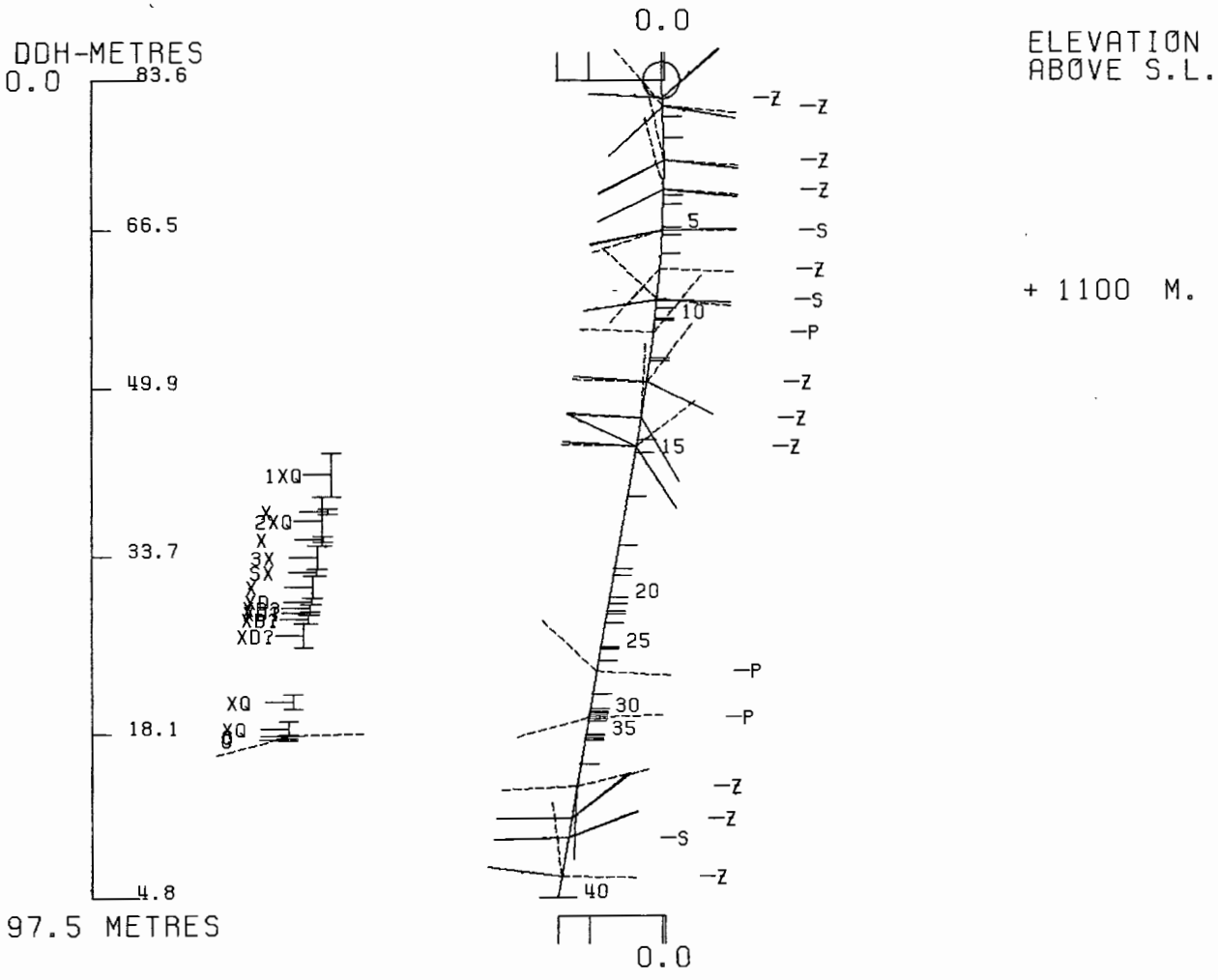
(VIEW AZIMUTH = 42 DEGREES)

ELEV: 1115 592186E ; 905045N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 334.5 Z = 1114.5

SECTION NAME: 00N



CYPRUS ANVIL MINING CORPORATION

PROGRAM DH161 29 JAN 1985 9:41 AM

DDH: FAGU079 -- 132 DEGREE PROFILE

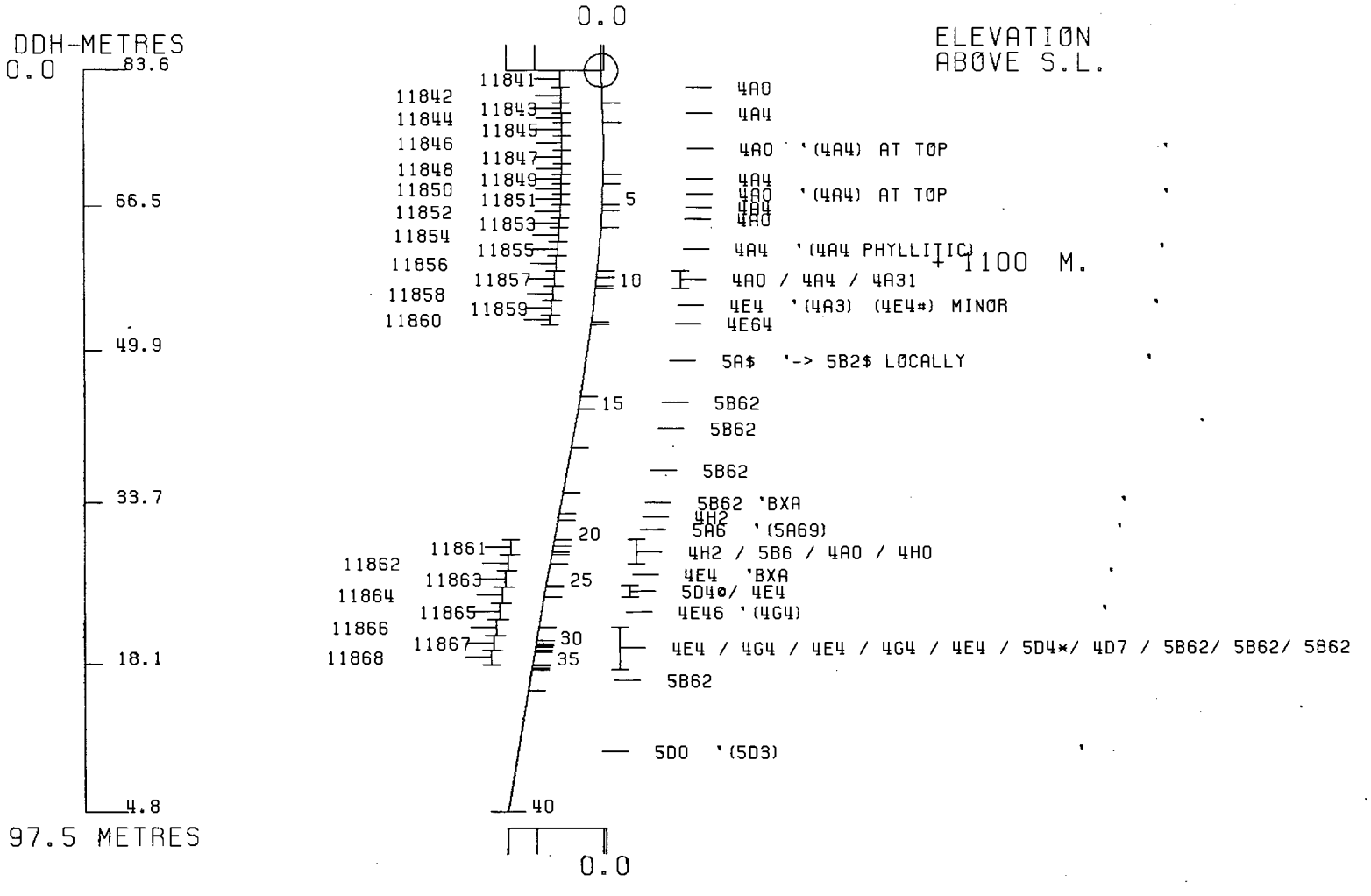
(VIEW AZIMUTH = 42 DEGREES)

ELEV: 1115 592186E ; 905045N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 334.5 Z = 1114.5

SECTION NAME: 00N



CYPRUS ANVIL MINING CORPORATION

PROGRAM DH162 29 JAN 1985 9:26 AM

FAGU136

DRILL HOLE : FAGU136
NORTHING : 904,863.8
EASTING : 592,347.6
ELEVATION : 1,152.9
TOTAL DEPTH : 76.2
SECTION : W 70
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS CRE-SAMPLES: 14
NOS DOWN-H-SURVEYS: 1
NOS DOWN-H-LITHOLOGY: 32
NOS DOWN-H-STRUCTURE: 16
NOS DOWN-H-FAULTS: 3
NOS DOWN-H-SPLINES: 1
NOS COMPOSITES: 0

DDH: FAG0136 UTM-N: 964,263.8 UTM-E: 592,347.6 UTM-ELEV: 1,152.9 TOTAL DEPTH: 76.2 SECTION: W 70
RFE: 32 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.
31.0	32.0	11151	1.0	.8	4L4	4.24	.22	2.90	2.30	41.00		.48	7	16	23						
32.0	34.6	11152	2.6	1.8	4G4#	4.72	.09	5.30	5.80	80.00		.69	1	23	24						
39.1	41.1	11153	2.0	1.3	4GEL	4.94	.20	2.70	2.04	57.00	57.00	.96	2	33	36						
41.1	44.2	11154	3.1	1.6	4E4#	4.83	.23	4.40	3.70	71.00		.99	3	35	38						
44.2	46.2	11155	2.0	1.0	4G4	4.67	.08	6.30	7.70	98.00		.55	2	13	16						
46.2	48.2	11156	2.0	1.0	4G4	5.01	.10	6.60	6.80	110.00		.41	3	12	16						
48.2	50.2	11157	2.0	1.3	4G4	4.86	.06	7.30	7.60	125.00		.41	2	10	13						
50.2	51.7	11158	1.5	1.5	4G4	4.64	.12	5.60	6.50	90.00		.48	4	17	21						
51.7	53.3	11159	1.6	1.4	4G4	4.54	.11	6.20	6.60	101.00		.62	1	19	21						
53.3	54.7	11160	1.4	1.0	4EK8	4.29	.24	4.30	3.60	66.00		.62	5	30	36						
54.7	56.2	11161	1.5	1.0	4LC	3.38	.13	1.57	1.25	30.00		.48	3	12	16						
56.2	58.2	11162	2.0	1.0	4EC	3.98	.18	1.67	1.15	33.00		.69	4	28	33						
58.2	60.2	11163	2.0	.9	4EC	4.35	.53	2.40	1.35	47.00	42.00	1.51	6	24	31						
60.2	61.4	11164	1.2	.8	4EC	3.02	.29	1.49	1.33	44.00		1.03	6	23	30						
WEIGHTED AVERAGE																					
31.0	34.6		3.6	2.6		4.58	.12	4.63	4.82	69.16		.63	2	21	24						
39.1	61.4		22.3	14.3		4.46	.19	4.30	4.20	73.85	8.87	.73	3	22	26						

DDH: PAGU136 UTM-N: 904,983.9 UTM-E: 592,347.6 UTM-ELEV: 1,152.9 TOTAL DEPTH: 70.2 SECTION: W 70
RFE: 52 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	42.000	224.000

DDH: FAGC136 UTM-N: 904,883.7 UTM-E: 592,347.6 UTM-ELEV: 1,152.9 TOTAL DEPTH: 70.2 SECTION: W 70
RFE: 52 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	INC
1.3	0001	#		0.5-	1
4.1	0002	5B26		0.5-	1
10.4	0003	5EC	(5E2)	0.5-	1
11.0	0004	5E2*		0.5-	1
11.7	0005	5EC3		0.5-	1
25.9	0006	5E2		0.5-	1
26.2	0007	5D4*		0.5-	1
29.2	0008	5E2*		0.5-	1
31.0	0009	4L5	(5E2*) [5D4*]	0.5-	1
32.0	0010	4L24	5	0.5-	1
34.6	0011	4G4#	(4E0#)	0.5-	1
34.9	0012	4L5#		0.5-	1
35.8	0013	5B26		0.5-	1
37.4	0014	4L2		0.5-	1
39.1	0015	5B6		0.5-	1
39.5	0016	4G4#	POROUS	0.5-	1
39.6	0017	4LC		0.5-	1
44.2	0018	4E4	(4E4#)	0.5-	1
53.3	0019	4G4		0.5-	1
54.7	0020	4EC3	(4K8)	0.5-	1
55.7	0021	4L4	[4C PHYLLITIC]	0.5-	1
56.2	0022	4L3	(4L0)	0.5-	1
61.4	0023	4EC	(4E4) (4C0)	0.5-	1
62.8	0024	4L2		0.5-	1
63.7	0025	5B64		0.5-	1
64.1	0026	5B64		0.5-	1
69.5	0027	5B62		0.5-	1
70.2	0028	5B62		0.5-	1
71.2	0029	4LC		0.5-	1
74.8	0030	5B62		0.5-	1
75.4	0031	5B62		0.5-	1
76.2	0032	5D4*		0.5-	1

DDH: FAGU136 UTM-N: 904,283.1 UTM-E: 592,347.6 UTM-ELEV: 1,152.6 TOTAL DEPTH: 76.2 SECTION: W 70
RFE: S2 RFE DIF: 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
FAGU136	0.0	3.4	CS2		0	0	0	0	65	230	0	1	1	1
FAGU136	0.0	9.3	PS2	P	0	0	0	0	50	230	0	1	1	1
FAGU136	0.0	11.8	PS2	P	0	0	0	0	40	230	0	1	1	1
FAGU136	0.0	17.8	CS2		0	0	0	0	70	230	0	1	1	1
FAGU136	0.0	22.3	PS2	P	0	0	0	0	40	230	0	1	1	1
FAGU136	0.0	27.7	PS2	P	0	0	0	0	70	230	0	1	1	1
FAGU136	0.0	31.8	CS2		0	0	0	0	70	230	0	1	1	1
FAGU136	0.0	36.7	PS2	P	0	0	0	0	80	230	0	1	1	1
FAGU136	0.0	41.5	PS2	P	0	0	0	0	60	230	0	1	1	1
FAGU136	0.0	46.0	PS2	P	0	0	0	0	60	230	0	1	1	1
FAGU136	0.0	51.4	PS2	P	0	0	0	0	60	230	0	1	1	1
FAGU136	0.0	55.4	PS2	P	0	0	0	0	40	230	0	1	1	1
FAGU136	0.0	59.8	PS2	P	0	0	0	0	40	230	0	1	1	1
FAGU136	0.0	62.5	PS2	P	0	0	0	0	40	230	0	1	1	1
FAGU136	0.0	68.4	PS2	P	0	0	0	0	60	230	0	1	1	1
FAGU136	0.0	74.0	PS2	P	0	0	0	0	50	230	0	1	1	1

DDH: FAGU135 UTM-N: 904,963.9 UTM-E: 592,347.6 UTM-ELEV: 1,152.9 TOTAL DEPTH: 76.2 SECTION: W 70
RFE: S2 RFE DIP: 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
FAGU136	63.7	64.1	G			20	0	C	C	0	0	1
FAGU136	69.5	70.2	G			99	999	C	C	0	0	1
FAGU136	74.8	75.4	G			0	0	C	C	0	0	1

DDH: FAGU136 UTM-N: 904,363.3 UTM-E: 592,347.6 UTM-ELEV: 1,152.9 TOTAL DEPTH: 76.2 SECTION: W 70
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGU136	1	1

**THIS REPORT WAS REQUESTED BY: LEEP .GEOLOGY AT: 08:22:52

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: FAGU 136

Project: Grum Relog

Location: Section 70W

Claim:

UTM ~~Terr.~~ Plane Co-ords.: 6904863.8 N

Conversion of K-A surveyed grid co-ords

592347.6 E

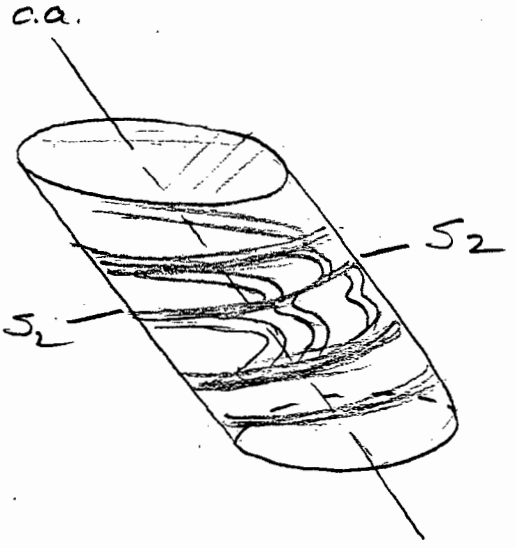
Grid Co-ords.: 70 W

2 N

Elevation: 1152.9 M

Total Depth: 76.2 M

Fabric Orientation Diagram:



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

Purpose: Definition Drilling

Logged by: DSJ / JGS Date(s) Logged: 24 Aug. 1981

Drilling Contractor: Cameron McCuteheon Core:

Size	From	To
BQ	0	76.2

Collar Cased and Capped: No

Started: 29 July 76 Completed: 30 July 76

Cyprus Anvil Mining Corp.

DDH FAG4-136

Diamond Drill Core Log Date: 24Aug81 Logged By: DST/JGS

Code	Drillhole	Elevation	Northing	Easting	Units (feet/metres)	R.F.E.	
1	2 8	10 16	17 24	25 32	34 39	41 42	
T	FAG4-136	1152.9	9048631.85	9234716	METRES	52	

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2 8	10 14	22 26	28 32	34 56
R	FAG4-136	0.0	42.0	224.0	ATCOLLAR

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

DDH FAGU-13-6 (2 8)

Cyprus Anvil Mining Corp.

Page 3 of 5

Lithologic Log Date: 24 AUG 81 Logged By: RST - JGS

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	000	013		011	*	CONCRETE
L	013	041		012	5B216	
L	041	104		013	5E01	(5E2)
L	104	110		014	5E21*	DOL
L	110	117		015	5E01	Tan-grey phyll dolomite
L	117	259		016	5E21	
L	259	262		017	5E1*	DOL ANK.
L	262	292		018	5E21*	Fe Mg Carb.
L	292	310		019	4L15	(5E2* Fe Mg Carb) 4L on phyll marble
L	310	320		110	4L24	5 whly Calc.
L	320	346		111	4G41*	Calc-bang to calc (4E0)*
L	346	349		112	4L51	CALC.
L	349	358		113	5B126	
L	358	374		114	4L21	
L	374	391		115	5B161	
L	391	395		116	4G41*	CALC. POR.
L	395	396		117	4L01	
L	396	442		118	4E41	(4E4*) CALC
L	442	533		119	4G41	
L	533	547		120	4E018	(4K8)
L	547	557		21	4L41	[4C PHYLL]
L	557	562		212	4L31	(4L0)
L	562	614		213	4E01	(4E4) - (4C0)
L	614	628		214	4L21	
L	628	637		215	5B1614	
L	637	641		216	5B1614	GOUGE / (4L0) U/C 20°/0 L/C IND. Steeper clip AZ 115
L	641	695		217	5B612	Frost veins buff dol.
L	695	702		218	5B62	GOUGE F U/C 85° slick 250 → 20 SW, N.C.I.M.
L	702	712		219	4L01	
L	712	748		310	5B612	
L	748	754		311	5B612	GOUGE IND/ATT
L	754	762		312	5D4*	DOL FUSCH 1-2%
						END OF HOLE

DDH FAGU13.6 (2 / 8) Cyprus Anvil Mining Corp. Page 4 of 5

Structural Log Date: 24 Aug 81 Logged By: DSJ-JGS

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
	10 14	16 20	22 24	26	28 32	34 38	40 44	
S	134		CLS12				65 2310	NO SYMM DETS
S	193		PLS12				50 2310	45° UPHOLE
S	1118		PLS12				40 2310	S2 near HORIZ
S	1178		CLS12				70 2310	∞ equivocal determinations
S	1223		PLS12				40 2310	
S	1277		PLS12				70 2310	
S	1318		CLS12				70 2310	
S	1367		PLS12				50 2310	
S	1415			R			60 2310	
S	1460			R			60 2310	
S	1514			R			60 2310	
S	1554			R			40 2310	
S	1598			R			40 2310	
S	1625		PLS12				40 2310	
S	1684		PLS12				60 2310	
S	1740		PLS12				50 2310	

DDH FAGU-136 Cyprus Anvil Mining Corp Page 5 of 5

Logged by DST-JGS

ASSAY LOG (SAMPLER'S COPY) Date 24 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
R	1317 0	1320	111151	1 0	0 8	4L4	Recovery Estimated from Kit logs
P	1320	1346	111152	2 6	1 8	4G4	original assay log lost !!
P	1391	1411	111153	2 0	1 3	4G4	"
P	1411	1422	111154	3 1	1 6	4E4	"
P	1422	1462	111155	2 0	1 0	4G4	"
P	1462	1482	111156	2 0	1 0	4G4	"
P	1482	1502	111157	2 0	1 8	4G4	"
P	1502	1517	111158	1 5	1 5	4G4	"
P	1517	1533	111159	1 6	1 4	4G4	"
P	1533	1547	111160	1 4	1 0	4E0	"
P	1547	1562	111161	1 5	1 0	4L4	"
P	1562	1582	111162	2 0	1 0	4E0	"
P	1582	1602	111163	2 0	0 9	4E0	"
P	1602	1614	111164	1 2	0 8	4E0	"

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

DDH FAGU136 (2 8) Cyprus Anvil Mining Corp. Page ____ of ____

meters 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	637	641	G		20 0,09			
F	695	702	G		99 99,99			
F	748	754	G					

DIAMOND DRILL RECORD

LOGGED BY ALEXANDER YOUNG-PO D.D.H. Nº 76-U-136 PAGE 1

PROPERTY GRUM JOINT VENTURE

LATITUDE 10,657.164 70W STARTED JULY 29, 1976

DEPARTURE 7,651.876 2N COMPLETED JULY 30, 1976

ELEVATION 1,163.492 PROPOSED DEPTH

ULTIMATE DEPTH 76.2

HOLE SURVEY:		
DEPTH	BEARING	DIP
COLLAR	244	+48°

CLAIM Nº

N

DIRECTION AND DISTANCE FROM N.E. CLAIM POST

TOTAL CORE RECOVERY: 70%

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	4.8	GRAPHITIC PHYLLITE (G). Broken flakey core. Foliation = 30	0.8		0	4.8	4.8								
		-35°. Poor core recovery.													
		4.8: Abrupt change to limy bleached phyllite (SBk).													
		Contact broken ground.													
4.8	8.5	LIMY BLEACHED PHYLLITE (SBk). Broken blocky core with max.	3.0		4.8	8.5	3.7								
		=4cm length. Earthy white with greenish stripe (bleached													
		sericite). Foliation = 45-50° changing to 60° @ 7.7. No													
		clear F_1 noted. Calcite in groundmass as thin laminae.													
		8.5: Gradual change to limy sericite phyllite (SK).													
8.5	32.0	LIMY SERICITE PHYLLITE (SK). Broken, blocky core ave: 3cm	21.5		8.5	32.0	23.5								
		long. Foliation = 60-65°; F_1 = 0-10°. Some intervals at													
		16.7-18 show some thin green laminae (chlorite?).													
		25.9-27.5: Foliation change into = 70-75°; F_1 = 0-5°													
		29.5-29.7; 30-30.8: Bleached phyllite intervals. Buff													
		colour; broken ground. Grades into mineralized bleached phyllite until 32m.													

LOGGED BY _____ D.D.H. Nº 76-U-136 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
		32.0: Abrupt change to massive sulfide (M).													
32.0	61.5	MASSIVE SULFIDE ZONE. Intervals of structureless 65 6	1.0	4065	32.0	33.5	1.5	5.76	5.40	75.77			8.64	8.10	113.66
		bands (M), barite in groundmass (Mb) and some with 65 7	1.0	4066	33.5	35.1	1.6	5.36	5.45	72.69			8.58	8.72	116.30
		quartz inclusions (MI). Included sericite and bleached			35.1	39.0	3.9								
		phyllite intervals. 75 6	1.3	4067	39.0	41.1	2.1	2.55	1.90	52.46					
		32-33.5: Barite in groundmass. Compositional ban- 75 8	0.8	4068	41.1	42.7	1.6	3.95	2.45	70.63			6.32	3.92	113.01
		ding = 65-70° (very faint Sph/Py-ba). 75 8	1.0	4069	42.7	45.7	3.0	7.15	7.13	103.87			21.45	21.39	311.61
		34.0-34.2: Porous variety. Voids aligned = 70°. 75 10	0.9	4070	45.7	48.8	3.1	6.40	6.53	100.80			19.84	20.24	312.48
		34.2-35.1: Sulfide breccia. Fragments Ø = 0.5-1.5cm 75 6	1.4	4071	48.8	50.3	1.5	7.36	7.79	104.92			11.04	11.69	157.38
		Well cemented by sulfides. 75 5	1.5	4072	50.3	51.8	1.5	6.10	6.63	95.66			9.15	9.95	143.49
		35.1-39: Intervals of bleached phyllite and normal 70 8	1.3	4073	51.8	53.3	1.5	7.06	6.75	89.83			10.59	10.13	134.75
		gray phyllite with small trace calcite. 70 8	1.0	4074	53.3	54.9	1.6	4.45	3.75	60.34			7.12	6.00	96.54
		Foliation = 70-75°; F = 0-5°. Contacts 60 6	0.9	4075	54.9	56.4	1.5	1.70	1.23	25.37			2.55	1.85	38.06
		gradational. 70 6	0.8	4076	56.4	57.9	1.5	1.93	1.00	32.23			2.90	1.5	48.35
		42.7: Broken blocky core. Some have barite in grdmas. 70 8	0.9	4077	57.9	59.4	1.5	2.05	1.25	34.29			3.08	1.88	51.44
		55.9-56.3: Bleached phyllite. Foliation = 40°. 70 6	1.3	4078	59.4	61.5	2.1	1.85	1.40	35.31			3.89	2.94	74.15
		Contacts broken ground.		W.Av.	32.0	35.1	3.1	5.55	5.43	74.18			17.22	16.82	229.96
		61.0: Fold nose.		W.Av.	41.1	54.9	13.8	5.20	6.04	91.98			85.51	83.32	1269.24
		61.5: Sharp change to bleached phyllite (Sb). Contact		W.Av.	54.9	61.5	6.6	1.88	1.24	32.12			12.42	8.17	212.00
		broken core (and re-drilled , core nipple).													

LOGGED BY _____ D.D.H. NO 76-U-136 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 2 Pb	Assay 2 Zn	Assay 2 Ag
61.5	63.0	BLEACHED PHYLLITE (Sb). Competent. Buff with greenish hue.	1.0		61.5	63.0	1.5								
		Foliation = 65-70° with occasional sulfide laminae.													
		62.0: Fold nose.													
		63.0: Gradual change to sericite phyllite (S).													
63.0	68.6	SERICITE PHYLLITE (S). Competent. Foliation = 70-75°.	5.1		63.0	68.6	5.6								
		Short calcite stringers = 30-35° opposite direction of													
		general 70-75° foliation.													
		68.6: Gradual change to Graphitic Sericite Phyllite (SG).													
68.6	75.0	GRAPHITIC SERICITE PHYLLITE (SG). Broken core. Trace	6.0		68.6	75.0	6.4								
		calcite as small discontinuous stringers in random orien-													
		tation. Foliation = 65-75°.													
		69.5-70.2: Broken core. Pebble size. Could be a fault.													
		No gouge but with some sandy phyllite.													
		70.2-71.2: Bleached phyllite interval. White to buff													
		colour. Broken ground. Second contact = 30°. Sharp and													
		clean.													
		74.8-75.5: FAULT. Black sticky gouge with phyllite/quartz													
		fragments. Contact with bleached phyllite.													

LOGGED BY _____ D.D.H. Nº 76-U-136 PAGE 4

Interval From	Interval To	DESCRIPTION	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
75.5	76.2	BLEACHED PHYLLITE (Sb). White with green fuchsite spots/	0.5		75.5	76.2	0.7								
		laminae. Broken ground in most part. Solid core show 35-													
		40° foliation.													
	76.2	END OF HOLE.													

FAGU141

DDH	SAMPLE	----DEPTHS--- FROM	TO	INT M	REC %	ROCK UNIT	S.G.	CU %	PB %	ZN %	AG G/MT	AU G/MT	PO %	PY %	BAO %	PB+ZN %	PO+PY %	ZN RATIO
FAGU141	9465	.0	2.2	2.2	50	4A0		.18	.59	1.94	26.0					2.53		.77
	9466	2.2	4.5	2.3	96	4A0		.26	.37	1.58	25.0					1.95		.81
	9467	4.5	5.7	1.2	100	4A0		.15	.58	.91	24.0					1.49		.61
	9468	5.7	7.6	1.9	100	4A0	3.50	.14	.43	1.42	18.0	.62	1.79	18.90		1.85	20.69	.77
	9469	7.6	9.2	1.6	94	4A4	3.60	.15	4.50	7.00	66.0	1.44	1.62	16.40		11.50	18.02	.61
	9470	9.2	10.8	1.6	100	4E4	4.81	.15	7.40	12.70	103.0	3.29	2.33	28.20		20.10	30.53	.63
	9471	10.8	12.5	1.7	100	4E4	4.65	.08	7.80	12.30	118.0	1.78	1.97	28.50		20.10	30.47	.61
	9472	12.5	13.0	.5	100	4D0	4.07	.07	5.00	6.50	98.0	1.37	2.16	26.70		11.50	28.86	.57
	9473	13.0	14.0	1.0	100	4E4	4.18	.05	7.00	13.70	96.0	1.37	2.27	21.10		20.70	23.37	.66
	9474	14.0	14.4	.4	100	4G4	4.58	.17	3.70	7.90	68.0	1.78	.62	29.30		11.60	29.92	.68
	9475	14.4	16.4	2.0	100	4D4	4.03	.12	8.30	12.90	130.0	1.92	2.46	18.50		21.20	20.96	.61
	9476	16.4	17.6	1.2	100	4D34	3.58	.19	1.95	12.80	39.0	1.71	2.23	21.80		14.75	24.03	.87
	9477	17.6	18.5	.9	100	4A4	3.75	.12	7.30	6.40	95.0	2.33	1.40	18.40		13.70	19.80	.47
	9478	18.5	19.9	1.4	100	4D4	3.80	.32	6.30	6.80	93.0	2.40	2.46	19.00		13.10	21.46	.52
	9479	19.9	21.3	1.4	57	4D4	3.82	.17	6.10	4.60	98.0	2.19	1.58	20.40		10.70	21.98	.43
	9480	21.3	22.4	1.1	100	4C3	4.39	.39	2.60	1.40	46.0	2.88	2.10	29.90		4.00	32.00	.35
	9481	22.4	24.1	1.7	76	4D43	3.61	.21	7.60	10.70	125.0	1.99	3.06	12.80		18.30	15.86	.58
	9482	59.8	61.5	1.7	100	4GE4	4.40	.17	5.20	8.40	93.0	.89	2.14	23.50		13.60	25.64	.62
	9483	61.5	62.7	1.2	100	4G4	4.48	.05	4.00	8.20	76.0	.62	.51	8.50		12.20	9.01	.67

DDH	SAMPLE	ROCK UNIT	NORMATIVE MINERALS - WEIGHT % CPY	GA	SP	PO	PY	BAR	OTHER	*	NORMATIVE MINERALS - VOLUME % CPY	GA	SP	PO	PY	BAR	OTHER
FAGU141	9465	4A0	.52	.68	2.89				95.91	*							
	9466	4A0	.75	.43	2.36				96.47	*							
	9467	4A0	.43	.67	1.36				97.54	*							
	9468	4A0	.40	.50	2.12	2.82	40.64		53.52	*	.33	.23	1.83	2.12	28.13		67.36
	9469	4A4	.43	5.20	10.44	2.55	35.27		46.12	*	.37	2.49	9.39	1.99	25.39		60.36
	9470	4E4	.43	8.55	18.93	3.66	60.64		7.78	*	.47	5.24	21.78	3.67	55.82		13.02
	9471	4E4	.23	9.01	18.34	3.10	61.29		8.04	*	.25	5.54	21.13	3.10	56.50		13.47
	9472	4D0	.20	5.77	9.69	3.40	57.42		23.52	*	.20	3.21	10.09	3.08	47.82		35.61
	9473	4E4	.14	8.08	20.42	3.57	45.38		22.40	*	.14	4.45	21.09	3.20	37.48		33.64
	9474	4G4	.49	4.27	11.78	.98	63.01		19.47	*	.50	2.42	12.52	.90	53.57		30.10
	9475	4D4	.35	9.59	19.23	3.87	39.78		27.18	*	.33	5.14	19.35	3.38	32.02		39.78
	9476	4D34	.55	2.25	19.08	3.51	46.88		27.73	*	.51	1.18	18.76	3.00	36.88		39.66
	9477	4A4	.35	8.43	9.54	2.20	39.57		39.91	*	.31	4.24	9.00	1.81	29.87		54.77
	9478	4D4	.92	7.28	10.14	3.87	40.86		36.93	*	.84	3.71	9.68	3.21	31.23		51.32
	9479	4D4	.49	7.04	6.86	2.48	43.87		39.25	*	.44	3.56	6.50	2.05	33.29		54.15
	9480	4C3	1.13	3.00	2.09	3.30	64.30		26.18	*	1.10	1.65	2.15	2.96	52.95		39.20
	9481	4D43	.61	8.78	15.95	4.81	27.53		42.33	*	.53	4.30	14.64	3.84	20.21		56.49
	9482	4GE4	.49	6.01	12.52	3.37	50.54		27.08	*	.47	3.24	12.66	2.96	40.86		39.81
	9483	4G4	.14	4.62	12.22	.80	18.28		63.93	*	.11	2.00	9.93	.57	11.88		75.52

DRILL HOLE : FAGU141
NORTHING : 904,787.4
EASTING : 592,442.5
ELEVATION : 1,167.8
TOTAL DEPTH : 96.2
SECTION : W 66
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:	19
NOS DOWN-H-SURVEYS:	3
NOS DOWN-H-LITHOLOGY:	27
NOS DOWN-H-STRUCTURE:	15
NOS DOWN-H-FAULTS:	11
NOS DOWN-H-SPLINES:	3
NOS COMPOSITES:	0

DDH: FAGU141 UTM-N: 904,787.4 UTM-E: 592,442.5 UTM-ELEV: 1,167.8 TOTAL DEPTH: 96.2 SECTION: W 66
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTHS FROM	DEPTHS TO	SAMPLE NO.	INT.	REC.	ROCK UNIT	ASSAYS S.G. PULP	CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
.0	2.2	09465	2.2	1.1	4AO		.18	.59	1.94	26.00											
2.2	4.5	09466	2.3	2.2	4AO		.26	.37	1.58	25.00											
4.5	5.7	09467	1.2	1.2	4AO		.15	.58	.91	24.00											
5.7	7.6	09468	1.9	1.9	4AO	3.50	.14	.43	1.42	18.00		.62	1	18	20						
7.6	9.2	09469	1.6	1.5	4A4	3.60	.15	4.50	7.00	66.00		1.44	1	16	18						
9.2	10.8	09470	1.6	1.6	4E4	4.81	.15	7.40	12.70	103.00	108.00	3.29	2	28	30						
10.8	12.5	09471	1.7	1.7	4E4	4.65	.08	7.80	12.30	118.00		1.78	1	28	30						
12.5	13.0	09472	.5	.5	4DO	4.07	.07	5.00	6.50	98.00		1.37	2	26	28						
13.0	14.0	09473	1.0	1.0	4E4	4.18	.05	7.00	13.70	96.00		1.37	2	21	23						
14.0	14.4	09474	.4	.4	4G4	4.58	.17	3.70	7.90	68.00		1.78		29	29						
14.4	16.4	09475	2.0	2.0	4D4	4.03	.12	8.30	12.90	130.00		1.92	2	18	20						
16.4	17.6	09476	1.2	1.2	4D34	3.58	.19	1.95	12.80	39.00		1.71	2	21	24						
17.6	18.5	09477	.9	.9	4A4	3.75	.12	7.30	6.40	95.00		2.33	1	18	19						
18.5	19.9	09478	1.4	1.4	4D4	3.80	.32	6.30	6.80	93.00		2.40	2	19	21						
19.9	21.3	09479	1.4	.8	4D4	3.82	.17	6.10	4.60	98.00		2.19	1	20	21						
21.3	22.4	09480	1.1	1.1	4C3	4.39	.39	2.60	1.40	46.00	49.00	2.88	2	29	32						
22.4	24.1	09481	1.7	1.3	4D43	3.61	.21	7.60	10.70	125.00		1.99	3	12	15						
59.8	61.5	09482	1.7	1.7	4GE4	4.40	.17	5.20	8.40	93.00		.89	2	23	25						
61.5	62.7	09483	1.2	1.2	4G4	4.48	.05	4.00	8.20	76.00		.62		8	9						
WEIGHTED AVERAGE																					
.0	24.1		24.1	21.8		3.04	.17	4.38	6.92	72.35	9.40	1.47	1	16	17						
59.8	62.7		2.9	2.9		4.43	.12	4.70	8.31	85.96		.77	1	17	18						

DDH: FAGU141 UTM-N: 904,787.4 UTM-E: 592,442.5 UTM-ELEV: 1,167.8 TOTAL DEPTH: 96.2 SECTION: W 66
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	89.700	227.100
42.700	91.000	234.000
94.500	90.000	239.000

DDH: FAGU141 UTM-N: 904,787.4 UTM-E: 592,442.5 UTM-ELEV: 1,167.8 TOTAL DEPTH: 96.2 SECTION: W 66
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
4.5	0001	4A0		0.5-	1
5.7	0002	4A0	BXA	0.5-	1
7.6	0003	4A0		0.5-	1
9.2	0004	4A4		0.5-	1
12.5	0005	4E4	-> 4E0 LOCALLY	0.5-	1
13.0	0006	4C0		0.5-	1
14.0	0007	4E4	(4C0)	0.5-	1
14.4	0008	4G4		0.5-	1
17.6	0009	4D4	(4C3) (4A1) MINOR	0.5-	1
18.5	0010	4A4		0.5-	1
22.4	0011	4D4	(4C3)	0.5-	1
24.1	0012	4D43		0.5-	1
26.4	0013	4L0		0.5-	1
28.2	0014	5B26		0.5-	1
29.0	0015	5B0$	&4	0.5-	1
45.1	0016	5B2$		0.5-	1
45.7	0017	5B26	?	0.5-	1
58.9	0018	5B2$		0.5-	1
59.4	0019	5B26	?	0.5-	1
62.7	0020	4GE	[4E0 (4G0)]	0.5-	1
67.0	0021	5A0	?	0.5-	1
69.1	0022	5B2$		0.5-	1
71.2	0023	4L0		0.5-	1
91.2	0024	5B80		0.5-	1
92.5	0025	5D0		0.5-	1
93.6	0026	5B80		0.5-	1
96.3	0027	5B0$		0.5-	1

DDH: FAGU141 UTM-N: 904,787.4 UTM-E: 592,442.5 UTM-ELEV: 1,167.8 TOTAL DEPTH: 96.2 SECTION: W 66
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	S0 DIRECT	S1 ANGLE	S1 DIRECT	S2 ANGLE	S2 DIRECT	RFE CDE	DHDC	SDC	PROCESS
FAGU141	0.0	6.1	PS2		0	0	0	0	50	230	0	1	1	1
FAGU141	0.0	7.6	PS2		0	0	0	0	55	230	0	1	1	1
FAGU141	0.0	24.4	PS2		0	0	0	0	32	230	0	1	1	1
FAGU141	0.0	30.5	PS2		0	0	0	0	20	230	0	1	1	1
FAGU141	0.0	35.1	PS2		0	0	0	0	15	230	0	1	1	1
FAGU141	0.0	40.2	PS2		0	0	0	0	35	230	0	1	1	1
FAGU141	0.0	45.7	PS2		0	0	0	0	30	230	0	1	1	1
FAGU141	0.0	55.0	PS2		0	0	0	0	50	230	0	1	1	1
FAGU141	0.0	67.8	PS2		0	0	0	0	25	230	0	1	1	1
FAGU141	0.0	72.4	PS2		0	0	0	0	36	230	0	1	1	1
FAGU141	0.0	77.3	PS2		0	0	0	0	20	230	0	1	1	1
FAGU141	0.0	82.3	PS2		0	0	0	0	31	230	0	1	1	1
FAGU141	0.0	88.4	PS2		0	0	0	0	45	230	0	1	1	1
FAGU141	0.0	93.0	PS2		0	0	0	0	40	230	0	1	1	1
FAGU141	0.1	96.3	PS2	P	0	0	0	0	0	0	0	1	1	1

DDH: FAGU141 UTM-N: 904,787.4 UTM-E: 592,442.5 UTM-ELEV: 1,167.8 TOTAL DEPTH: 96.2 SECTION: W 66
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
FAGU141	4.5	5.7	D		0	0	0	0	0	0	1
FAGU141	9.6	9.8	D		0	0	0	0	0	0	1
FAGU141	23.2	24.1	X?D		0	0	0	0	0	0	1
FAGU141	0.0	24.1	G		0	0	0	0	0	0	1
FAGU141	0.0	26.4	G		0	0	0	0	0	0	1
FAGU141	26.4	28.2	3B		0	0	0	0	0	0	1
FAGU141	29.0	45.1	3B		0	0	0	0	0	0	1
FAGU141	45.1	45.7	G		0	0	0	0	0	0	1
FAGU141	58.9	59.8	G		0	0	0	0	0	0	1
FAGU141	61.0	61.3	1D		0	0	0	0	0	0	1
FAGU141	62.7	67.0	G		0	0	0	0	0	0	1

DDH: FAGU141 UTM-N: 904,787.4 UTM-E: 592,442.5 UTM-ELEV: 1,167.8 TOTAL DEPTH: 96.2 SECTION: W 66
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGU141	1	2
FAGU141	2	2
FAGU141	3	1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 76-U141

Project: Grum Relog

Location: Vangorda Plateau

Claim:

Terr. Plane Co-ords.: 6904787.366 N
592442.4946 E

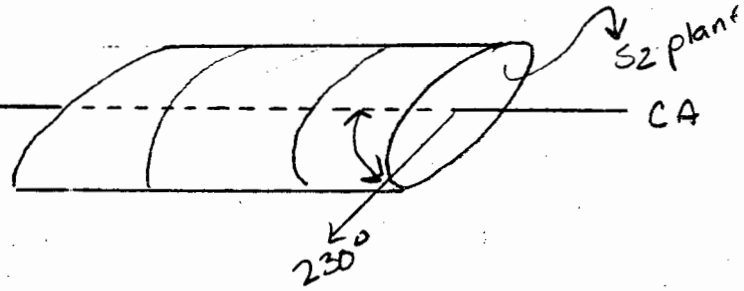
UTM conversion of K-A surveyed grid co-ords

Grid Co-ords.: 66W/2N

Elevation: 1167.846

Total Depth: 96.3 m

Fabric Orientation Diagram:



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

Purpose:

Logged by: JSM Date(s) Logged:

Drilling Contractor: Core:

Size	From	To
BQ	0	96.3

Collar Cased and Capped:

Started: August 5, 1976 Completed: August 8, 1976

Cyprus Anvil Mining Corp.
Diamond Drill Core Log

DDH 76-U14-1

Code	Drillhole	Elevation	Northing	Easting	Comments
1	2 8	10 16	17 24	25 32	34 48
T	76-U14-1	1167.9	9047887.A	592442.9	METRES

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2 8	10 14	22 26	28 32	34 56
R	76-U14-1	0.0	89.7	225.5	ATCOLLAR
R	76-U14-1	42.7	91.0	234.0	SPERRY SUN
R	76-U14-1	94.5	90.0	239.0	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	

227.1 for True North

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

DDH 76-441 (2 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Logged By: JSM

Code	From	To	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
L	100	145	1	4,A,0	1-2% PbZn fractured sub // ca.
L	145	157	2	4,A,0	bxia well healed, py qtzite clasts + graphitic matrix
L	157	176	3	4,A,0	1-2% PbZn 7.0-7.3 py qtz bands 0.08 m width.
L	176	192	4	4,A,4	10% PbZn gradational lower ctc over 0.2 m minor cp.
L	192	1125	5	4,E,4	High grade though TOI + EOI → 4EO 20-25% PbZn
					note - well healed sfd bxia @ ~9.6-9.8 fractures sub // c.a.
					- qtz @ 10.6 (ie 4CO) 0.1m.
L	1125	1130	6	4,C,0	banded py + qtz 35° to C.A.
L	1130	1140	7	4,E,4	(4EO) 20-25% PbZn qtz as 2 narrow 0.1m bands 13.5 & 13.8 m
L	1140	1144	8	4,G,0	v. little PbZn visible fold hinge??
L	1144	1176	9	4,D,4	(4C3) PbZn concentrated in thick (→1.0 m) bands, qtz
					concentrated in PbZn poor zones
					This interval could be broken down more but that
					would be too nit picky eg 15.8-16.1 (4E4(4A1)) & 16.4-17.6 4C3
L	1176	1185	10	4,A,4	(portions of unit sulphide supported bx ie folding
L	1185	2124	11	4,D,4	(4C3) as unit 9 the concentrations of PbZn are not easily
					broken out. Interval ends w/ a well banded 4C3 (21.3-22.
					but banding is ⊥ to C.A. ie. vertical (unusual)
L	2124	2411	12	4,D,4	Higher grade than unit 11. Upper part of unit banded
					qtz/sulphides, lower 0.9 m = massive PbZn mineral py 20% qtz poss. bxtd into sulphide supported (poss fold nose
L	2411	2644	13	4,L,0	gouge @ TOI + EOI
L	2644	2822	14	5,B,2,6	Very broken core which could be due to the
					inclination of hole relative to foliation (S_2)
					rather than due to structural disturbance
L	2822	2900	15	5,B,0	w/ $FeCO_3^=$ incipient white mica (5B4?) (4L5?)
L	2900	4511	16	5,B,2	w/ $FeCO_3^=$ core broken as unit 14
L	4511	4577	17	5,B,2	? gouge
L	4577	5889	18	5,B,2	$FeCO_3^=$ as before
L	5889	5988	19	5,B,2	? gouge
L	5988	6277	20	4,G,E	(4G0) Interbanded 4G0/4E0 to 61.5; 4G0 61.5-62.7 weak bx 61.0-61.3
L	6277	6700	21	5,A,0	? black graphitic gouge
L	6700	6911	22	5,B,2	$FeCO_3^=$
L	6911	7112	23	4,L,0	(5B4, no sfds)
L	7112	9112	24	5,B,8,0	strongly calc
L	9112	9125	25	5,D,3	massive green, strongly calc
L	9125	9336	26	5,B,8,0	as 24

DDH 76-41.41 (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	
C	913.6	916.3	27	5B0	$FeCO_3^=$
		EOH			

DDH Z6-11,141 (2 8)

Cyprus Anvil Mining Corp.
Structural Log

Logged By: JBM

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		6.1	PSIZ			50 230	R region 0 - 23.1
S		7.6	PSIZ			55 230	
S		23.1	FIZR				P region 23.1 ~
S		24.4	PSIZ			32 230	Less than 5 sym determ S+Z
S		30.5	PSIZ			20 230	
S		35.1	PSIZ			15 230	
S		41.02	PSIZ			35 230	
S		45.7	PSIZ			30 230	
S		55.0	PSIZ			50 230	
S		59.4	FIZP				R region 59.4 - 62.7
S		62.7	FIZR				P region 62.7 - 96.3
S		67.8	PSIZ			25 230	gouge to 67.0
S		72.4	PSIZ			36 230	
S		77.3	PSIZ			20 230	
S		82.3	PSIZ			31 230	
S		88.4	PSIZ			45 230	
S		93.0	PSIZ			40 230	
S		96.3	FIZP				EOH

DDH 76-U-141 (2–8)

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

Logged By: JSM

Sampled By: KA

Code	From	To	Sample No.	Description	Length	Rec'v	Unit
1	10–14	16–20	22–27				
P	000	030	411111	KA	3.0	0.9	4A0
P	030	046	411112	KA	1.6	1.2	4A0
P	046	061	411113	KA	1.5	1.4	4A0
P	061	076	411114	KA	1.5	1.4	4A0
P	076	091	411115	KA	1.5	1.3	4A4
P	091	107	411116	KA	1.6	1.4	NE4
P	107	122	411117	KA	1.5	1.4	4E4
P	122	137	411118	KA	1.5	1.3	4E4 4C0 4E41
P	137	152	411119	KA	1.5	1.4	4E41 4G0
P	152	168	411120	KA	1.6	1.4	4E41
P	168	183	411121	KA	1.5	1.3	4E41 4A4
P	183	198	411122	KA	1.5	1.5	4E41
P	198	213	411123	KA	1.5	0.8	4E41
P	213	240	411124	KA	2.7	2.1	4E41
P	598	613	411125	KA	1.5	0.8	4GE
P	613	627	411126	KA	1.4	0.7	4GE

Page 6 of 6

DDH 76-41-41 (2 … 8) Cyprus Anvil Mining Corp

Logged by [illegible]

ASSAY LOG (SAMPLER'S COPY) Date Aug 18/81 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	00	22	94655	22	11	4A0		1
P	22	45	94666	23	22	4A0		
P	45	57	94677	12	12	4A0	bx	
P	57	76	94688	21	21	4A0		
P	76	92	94699	15	15	4A4		4
P	92	108	94700	16	16	4E4		
P	108	125	94711	17	17	4E4		5
P	125	130	94722	05	05	4C0		6
P	130	140	94733	10	10	4E4	(4C0)	
P	140	144	94744	04	04	4C0		8
P	144	164	94755	20	20	4D4		9
P	164	176	94766	12	12	4C3		9
P	176	185	94777	09	09	4A4		
P	185	199	94788	14	14	4D4		10
P	199	213	94799	14	08	4D4		
P	213	224	94800	11	11	4C3		10
P	224	241	94811	17	13	4D4		11
P	598	615	94822	17	17	4GE		20
P	615	627	94833	12	12	4G0		20

DDH FAG.U.141 (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	45	57	MD					
F	96	98	D					
F	232	241	X?D					
F		244	G					
F		264	G					
F	264	282	3B					
F	290	451	3B					
F	451	457	G					
F	589	598	G					
F	610	613	D					
F	627	670	G					

DIAMOND DRILL RECORD

LOGGED BY ALEXANDER YOUNG-PO

D.D.H. Nº 76-U-141 PAGE 1

PROPERTY GRUM JOINT VENTURE

LATITUDE 10,581.782 ? 66W STARTED AUGUST 5, 1976

DEPARTURE 7,747.787 ? 2N COMPLETED AUGUST 8, 1976

ELEVATION 1,178.564 ? Drift changed PROPOSED DEPTH 120m

ULTIMATE DEPTH

HOLE SURVEY:		
DEPTH	BEARING	DIP
collar	224	0
42.7	231	-1
94.5	238	0

CLAIM Nº

NOTE: Hole stopped due to high pressure water and squeezing ground.

DIRECTION AND DISTANCE FROM N.E. CLAIM POST

TOTAL CORE RECOVERY: 78%

Interval From	Interval To	DESCRIPTION	Py	Zn+ Pb	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
0	9.1	MINERALIZED GRAPHITIC PHYLLITE (PG). Broken, blocky	30	5	0.9	4111	0	3.0	3.0	0.58	1.45	20.23					
		core. Foliation = 75-80° (F_1 = 90°) - could be	30	4	1.2	4112	3.0	4.6	1.6	0.18	1.33	12.00			1.57	PbZn	
		F_1.	20	3	1.4	4113	4.6	6.1	1.5	0.60	0.85	25.37			1.45	PbZn	
		3.1: Fold nose. F_1 = 0° with closure marked by	25	3	1.4	4114	6.1	7.6	1.5	0.45	1.35	12.00			1.80	PbZn	
		sulfides with crenulated laminae.	30	6	1.3	4115	7.6	9.1	1.5	4.65	6.03	54.51			6.98	9.05	81.77
		4.5-5.1: Sulfide Bx. Ø = 1mm-1.5cm. Well cemented	75	10	1.4	4116	9.1	10.7	1.6	7.64	13.31	106.97			12.22	21.30	171.15
		by graphite.	75	12	1.4	4117	10.7	12.2	1.5	9.64	13.74	122.1			14.46	20.61	183.09
		9.1: Abrupt change to Massive sulfide zone.	75	15	1.3	4118	12.2	13.7	1.5	7.11	11.16	107.0			10.67	16.74	160.46
		Contact broken ground.	75	12	1.4	4119	13.7	15.2	1.5	6.40	11.44	89.83			9.6	17.16	134.75
			75	18	1.4	4120	15.2	16.8	1.6	7.36	10.92	107.0			11.78	17.44	171.15
9.1	24.0	MASSIVE SULFIDE (M). Some porous variety (MV) and	70	8	1.3	4121	16.8	18.3	1.5	4.48	3.56	55.54			6.72	5.34	83.31
		some with quartz inclusions (MIq). Generally com-	70	8	1.5	4122	18.3	19.8	1.5	5.56	4.68	70.63			8.34	7.02	105.95
		petent except in the friable porous variety. Compo-	70	10	0.8	4123	19.8	21.3	1.5	6.64	6.22	94.63			9.96	9.33	141.95
		sitional bands = 75-80°. Same trend for void	75	15	2.1	4124	21.3	24.0	2.7	5.99	7.62	84.69			16.17	20.57	228.66
		alignments in porous ground.															
		19.8-22.9: Barite in groundmass.				W.Av.	7.6	24.0	16.4	6.52	8.82	89.16			106.90	114.59	1462.2
		24.0: Sharp clean contact with bleached Phyllite (Sb) = 35°.				W.Av.	3.0	7.6	4.6	1.59	PbZn						

LOGGED BY _____ D.D.H. Nº 76-U-141 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
24.0	26.3	BLEACHED PHYLLITE (Sb). Soft core. Foliation = 25-30°.	1.7		24.0	26.3	2.3								
		F_1 could be almost parallel to F_2. 25.7; 26: Fold noses.													
		26.3: Shear contact with graphitic phyllite (G).													
26.3	35.1	GRAPHITIC PHYLLITE (G). Fissile, easily breaks into poker	8.5		26.3	35.1	8.8								
		chips. Foliation = 25°; F_1 = 10°. Numerous fold noses.													
		28.5-29: Bleached phyllite interval; flakey. Buff to light													
		gray. Contacts broken ground. Foliation = 10-15°.													
		27; 27.6; 28.5; 29.3; 30.6; 32.7; 33.7: Fold noses.													
		35.1: Decrease in graphite laminae. Rx becoming sericite													
		phyllite (S).													
35.1	50.3	SERICITE PHYLLITE (S). Flakey. Foliation = 0-5° due to	11.7		35.1	50.3	15.2								
		fold noses. Calcites as randomly oriented stringers.													
		36; 37; 40; 40.5; 43.5; 47.2; 47.5: Fold noses.													
		44.5-45.2: FAULT. Black gouge with phyllite flakes.													
		50.3: Change to Graphitic Sericite Phyllite (SG). Contacts													
		broken flakey ground.													
50.3	59.8	GRAPHITIC SERICITE PHYLLITE (SG). Broken fragmented flakey	4.2		50.3	59.8	9.5								
		core. Very poor core recovery. Foliation = 50° (rough est.)													

LOGGED BY _____ D.D.H. Nº 76-U-141 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
		59.4-59.8: FAULT. Black thick sticky gouge. Contact with													
		massive sulfide with barite in groundmass.													
		Contact = 30° and ground immediately around is													
		brecciated sulfide (for about 5cm along core													
		axis).													
59.8	62.7	MASSIVE SULFIDE WITH BARITE IN GROUNDMASS (Mb) and 65 8	0.8	4125	59.8	61.3	1.5	5.51	9.25	86.74			8.27	13.88	130.11
		interval of sulfide breccia (MXs). Broken, blocky 50 6	0.7	4126	61.3	62.7	1.4	4.45	8.64	75.77			6.23	12.10	106.08
		from pebbles to 3cm long core. Compositional band = 40-45°.		W.Av.	58.8	62.7	2.9	5.00	8.96	81.44			14.50	25.98	236.19
		60.5-61.3: Sulfide breccia. Bx fragments Ø = 1mm-1.5cm		W.Av.	59.8	63.8	4.0	3.63	6.5	59.0					
		cemented by sulfide and other dark fine grain													
		materials.													
		62.7: Sharp clean contact with Graphitic Phyllite. Contact													
		= 85°.													
62.7	68.6	GRAPHITIC PHYLLITE (G). Broken soft core. Gougey in most	2.8		62.7	68.6	5.9								
		part of run. Solid core @ 67.3-67.9 show foliation = 0-5°.													
		Fold nose at 67.5.													
		63-64; 64.5-67.1: FAULT. Black, sticky, thick gouge.													
		68.6: Sharp contact with bleached phyllite = 30°.													

LOGGED BY _____ D.D.H. NO 76-U-141 PAGE 4

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
68.6	70.2	BLEACHED PHYLLITE (Sb). Competent. White with greenish laminae (chlorite). Foliation = 30-35°. Blebs of sulfides. 70.2: Fault contact with chloritic-calcitic phyllite. Fault gouge 10cm long is white, sticky and thick with quartz and phyllite fragments. Walls appear to be = 85°.	1.6		68.6	70.2	1.6								
70.2	94.5	CHLORITIC-CALCITIC SERICITE PHYLLITE (Sc+K). Competent. Stripes of green and white. Foliation = F_2 = 25-30°; F_1 = 80-85°. 94.5: Decrease in calcitic constituent. Rx becoming just chloritic sericite phyllite (Sc).	23.9		70.2	94.5	24.3								
94.5	96.3	CHLORITIC SERICITE PHYLLITE (Sc). Broken core. Foliation = 30-35°. Hit water at 96.0. Cores flakey.	0.5		94.5	96.3	1.8								
	96.3	END OF HOLE. Stopped due to high pressure water and squeezing ground.													

FAC 163

DDH	SAMPLE	----DEPTHS--- FROM	TO	INT M	REC %	ROCK UNIT	S.G.	CU %	PB %	ZN %	AG G/MT	AU G/MT	PO %	PY %	BAD %	PB+ZN %	PO+PY %	ZN RATIO
FAGU163	7646	.0	2.1	2.1	10	4C8	3.69	.20	.14	1.55	15.0	1.10	1.99	25.80		1.69	27.79	.92
	7647	2.1	4.1	2.0	65	4C8	3.46	.23	.20	1.31	12.0	.55	3.06	20.30		1.51	23.36	.87
	7648	4.1	6.1	2.0	100	4C8	3.39	.25	.33	.92	17.0	.75	2.65	19.00		1.25	21.65	.74
	7649	6.1	8.0	1.9	100	4C8	3.48	.24	1.54	2.50	39.0	1.10	2.00	19.20		4.04	21.20	.62
	765C	19.4	21.0	1.6	94	4H8	3.66	.09	3.50	2.80	53.0	.21	15.60	10.00		6.30	25.60	.44
	7651	60.4	61.8	1.4	93	4G4	4.64	.17	5.40	9.10	102.0	1.71	1.01	15.60		14.50	16.61	.63
	7652	61.8	63.4	1.6	100	4G4	4.4C	.16	3.90	7.70	71.0	1.65	1.12	17.90		11.60	19.02	.66
	7653	89.6	91.0	1.4	43	4C3	3.53	.27	1.09	.60	27.0	.89	2.73	19.80		1.69	22.53	.36
	7654	91.0	93.3	2.3	57	4D38	3.9C	.13	3.20	2.50	46.0	.75	7.40	20.00		5.70	27.40	.44
	7655	93.3	95.0	1.7	94	4C37	3.81	.29	1.60	1.56	28.0	.48	17.28	14.50		3.16	31.78	.49

DDH	SAMPLE	ROCK UNIT	NORMATIVE MINERALS - WEIGHT % CPY	GA	SP	PO	PY	BAR	OTHER	*	NORMATIVE MINERALS - VOLUME % CPY	GA	SP	PO	PY	BAR	OTHER
FAGU163	7646	4C8	.58	.16	2.31	3.13	55.48		38.34	*	.52	.08	2.18	2.57	41.95		52.70
	7647	4C8	.66	.23	1.95	4.81	43.66		48.68	*	.56	.11	1.73	3.72	31.01		62.87
	7648	4C8	.72	.38	1.37	4.17	40.86		52.50	*	.60	.18	1.19	3.15	28.44		66.44
	7649	4C8	.69	1.78	3.73	3.15	41.29		49.37	*	.59	.84	3.30	2.42	29.26		63.60
	7650	4H8	.26	4.04	4.17	24.53	21.51		45.48	*	.22	1.94	3.75	19.17	15.46		59.46
	7651	4G4	.49	6.24	13.57	1.59	33.55		44.57	*	.42	3.01	12.29	1.25	24.31		58.72
	7652	4G4	.46	4.50	11.48	1.76	38.49		43.30	*	.40	2.19	10.47	1.40	28.09		57.45
	7653	4C3	.78	1.26	.89	4.29	42.58		50.19	*	.66	.59	.79	3.30	30.11		64.54
	7654	4D38	.38	3.70	3.73	11.64	43.01		37.55	*	.34	1.87	3.54	9.62	32.70		51.92
	7655	4C37	.84	1.85	2.33	27.18	31.18		36.63	*	.75	.93	2.19	22.30	23.54		50.28

DRILL HOLE : FAGU163

NORTHING : 904,740.0

EASTING : 592,481.2

ELEVATION : 1,174.9

TOTAL DEPTH : 112.0

SECTION : W 64

R.F.E. : S2

RFE DIRECTION: 230

PLUNGE ANGLE : 11

PLUNGE DIRECT: 312

DHO CALC: 1

SS CALC: 1

DETAIL RECORD COUNTS:

NOS ORE-SAMPLES:	10
NOS DOWN-H-SURVEYS:	2
NOS DOWN-H-LITHOLOGY:	29
NOS DOWN-H-STRUCTURE:	41
NOS DOWN-H-FAULTS:	29
NOS DOWN-H-SPLINES:	2
NOS COMPOSITES:	0

DDH: PAGU163 UTM-N: 904,740.0 UTM-E: 592,481.2 UTM-ELEV: 1,174.9 TOTAL DEPTH: 112.0 SECTION: W 64
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHO CALC: 1 SS CALC: 1

DEPTHS FROM	DEPTHS TO	SAMPLE NO.	INT.	REC.	ROCK UNIT	S.G. PULP	ASSAYS CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
.0	2.1	07646	2.1	.2	4C8	3.69	.20	.14	1.55	15.00		1.30	1	25	27						
2.1	4.1	07647	2.0	1.3	4C8	3.46	.23	.20	1.31	12.00		.55	3	20	23						
4.1	6.1	07648	2.0	2.0	4C8	3.39	.25	.33	.92	17.00		.75	2	19	21						
6.1	8.0	07649	1.9	1.9	4C8	3.48	.24	1.54	2.50	39.00		1.10	2	19	21						
19.4	21.0	07650	1.6	1.5	4H8	3.66	.09	3.50	2.80	53.00		.21	15	10	25						
60.4	61.8	07651	1.4	1.3	4G4	4.64	.17	5.40	9.10	102.00		1.71	1	15	16						
61.8	63.4	07652	1.6	1.6	4G4	4.40	.16	3.90	7.70	71.00		1.65	1	17	19						
89.6	91.0	07653	1.4	.6	4C3	3.53	.27	1.09	.60	27.00		.89	2	19	22						
91.0	93.3	07654	2.3	1.3	4D38	3.90	.13	3.20	2.50	46.00	43.00	.75	7	20	27						
93.3	95.0	07655	1.7	1.6	4C37	3.81	.29	1.60	1.56	28.00		.48	17	14	31						
WEIGHTED AVERAGE																					
.0	8.0		8.0	5.4		3.50	.22	.53	1.55	20.45		.92	2	21	23						
19.4	21.0		1.6	1.5		3.66	.09	3.50	2.80	53.00		.21	15	10	25						
60.4	63.4		3.0	2.9		4.51	.16	4.60	8.35	85.46		1.67	1	16	17						
89.6	95.0		5.4	3.5		3.77	.21	2.14	1.71	35.40	18.31	.70	9	18	27						

DDH: FAGU163 UTM-N: 904,740.0 UTM-E: 592,481.2 UTM-ELEV: 1,174.9 TOTAL DEPTH: 112.0 SECTION: W 64
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	91.000	224.100
61.000	90.000	229.000

DDH: FAGU163 UTM-N: 904,740.0 UTM-E: 592,481.2 UTM-ELEV: 1,174.9 TOTAL DEPTH: 112.0 SECTION: W 64
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
8.1	0001	4C8	(4C0)	0.5-	1
9.7	0002	5B26	(4L2) 50:50	0.5-	1
12.5	0003	5A6		0.5-	1
15.0	0004	5B6		0.5-	1
19.4	0005	5B4	[4L0]	0.5-	1
21.0	0006	4H8	BXA (4K17) (4E7) AT E.O.I.	0.5-	1
21.8	0007	4LC	?	0.5-	1
23.6	0008	5B6		0.5-	1
24.6	0009	5B6	(10Q0) 50:50	0.5-	1
29.3	0010	5A3		0.5-	1
32.2	0011	5A83	(5A08)	0.5-	1
49.9	0012	5A3		0.5-	1
50.7	0013	5D3	(10Q0)	0.5-	1
57.3	0014	5A3		0.5-	1
60.4	0015	5B6	(5A)	0.5-	1
63.4	0016	4G4		0.5-	1
63.9	0017	10Q0		0.5-	1
65.5	0018	5A96		0.5-	1
72.8	0019	5A3	?	0.5-	1
74.4	0020	5BC	(504*)	0.5-	1
82.8	0021	5BC		0.5-	1
84.4	0022	5B62		0.5-	1
88.4	0023	5B20		0.5-	1
89.6	0024	5BC		0.5-	1
91.0	0025	4C3		0.5-	1
93.3	0026	4D38		0.5-	1
95.0	0027	4C37		0.5-	1
110.7	0028	5A3		0.5-	1
112.0	0029	5C4*		0.5-	1

DDH: FAGU163 UTM-N: 904,740.0 UTM-E: 592,481.2 UTM-ELEV: 1,174.9 TOTAL DEPTH: 112.0 SECTION: W 64
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	DIRECT	S1 ANGLE	DIRECT	S2 ANGLE	DIRECT	RFE CDE	DHCC	SDC	PROCESS
FAGU163	0.0	3.3	PS2	P	0	0	0	0	70	230	0	1	1	1
FAGU163	0.0	5.3	PS2	P	0	0	0	0	45	230	0	1	1	1
FAGU163	0.0	8.4	CS2	Z	0	0	0	0	20	230	0	1	1	1
FAGU163	0.0	9.5	PS2	P	0	0	0	0	30	230	0	1	1	1
FAGU163	0.0	12.1	PS2	P	0	0	0	0	25	230	0	1	1	1
FAGU163	0.0	12.5	PS2	P	0	0	0	0	40	230	0	1	1	1
FAGU163	0.0	14.0	CS2	S	0	0	0	0	65	230	0	1	1	1
FAGU163	0.0	15.3	CS2	S	0	0	0	0	25	230	0	1	0	0
FAGU163	0.0	16.8	CS2	S	0	0	0	0	50	230	0	1	1	1
FAGU163	0.0	19.2	PS2	P	0	0	0	0	25	230	0	1	1	1
FAGU163	0.0	22.4	CS2	S	0	0	0	0	65	230	0	1	0	0
FAGU163	0.0	22.9	PS2	P	0	0	0	0	70	230	0	1	1	1
FAGU163	0.0	24.7	CS2	S	0	0	0	0	25	230	0	1	1	1
FAGU163	0.0	25.3	CS2	Z	0	0	0	0	50	230	0	1	1	1
FAGU163	0.0	26.8	CS2		0	0	0	0	10	230	0	1	1	1
FAGU163	0.0	28.5	CS2		0	0	0	0	10	230	0	1	1	1
FAGU163	0.0	30.4	PS2	P	0	0	0	0	20	230	0	1	1	1
FAGU163	0.0	32.0	CS2	Z	0	0	0	0	45	230	0	1	1	1
FAGU163	0.0	36.0	CS2	Z	0	0	0	0	20	230	0	1	1	1
FAGU163	0.0	39.5	CS2		0	0	0	0	10	230	0	1	1	1
FAGU163	0.0	42.0	CS2		0	0	0	0	10	230	0	1	1	1
FAGU163	0.0	44.9	CS2		0	0	0	0	10	230	0	1	1	1
FAGU163	0.0	47.0	CS2	Z	0	0	0	0	60	230	0	1	1	1
FAGU163	0.0	49.5	CS2	S	0	0	0	0	25	230	0	1	1	1
FAGU163	0.0	50.8	CS2	S	0	0	0	0	40	230	0	1	1	1
FAGU163	0.0	56.2	CS2	Z	0	0	0	0	20	230	0	1	1	1
FAGU163	0.0	59.4	CS2	S	0	0	0	0	20	230	0	1	1	1
FAGU163	0.0	63.4	PS2	P	0	0	0	0	40	230	0	1	1	1
FAGU163	0.0	67.5	PS2	P	0	0	0	0	55	230	0	1	1	1
FAGU163	0.0	70.3	PS2	P	0	0	0	0	40	230	0	1	1	1
FAGU163	0.0	74.5	CS2	Z	0	0	0	0	70	230	0	1	1	1
FAGU163	0.0	76.5	PS2	P	0	0	0	0	20	230	0	1	1	1
FAGU163	0.0	78.5	PS2	P	0	0	0	0	45	230	0	1	1	1
FAGU163	0.0	80.8	CS2	Z	0	0	0	0	40	230	0	1	1	1
FAGU163	0.0	85.0	CS2	Z	0	0	0	0	25	230	0	1	1	1
FAGU163	0.0	87.1	CS2	Z	0	0	0	0	35	230	0	1	1	1
FAGU163	0.0	93.2	PS2	P	0	0	0	0	30	230	0	1	1	1
FAGU163	0.0	98.0	CS2	S	0	0	0	0	30	230	0	1	1	1
FAGU163	0.0	104.8	CS2	Z	0	0	0	0	45	230	0	1	1	1
FAGU163	0.0	105.6	CS2	S	0	0	0	0	20	230	0	1	1	1
FAGU163	0.0	111.8	PS2	P	0	0	0	0	40	230	0	1	1	1

DDH: FAGU163 UTM-N: 904,740.0 UTM-E: 592,461.2 UTM-ELEV: 1,174.9 TOTAL DEPTH: 112.0 SECTION: W 64
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
FAGU163	0.1	3.0	P	2		0	0	C	C	0	0	1
FAGU163	6.3	7.2	XQ			C	0	99	999	0	0	1
FAGU163	9.1	9.7	B1G			C	0	C	C	0	0	1
FAGU163	9.7	12.5	XQ			0	0	C	C	0	0	1
FAGU163	0.C	12.5	G			0	0	C	C	0	0	1
FAGU163	0.0	18.0	G			0	0	C	C	0	0	1
FAGU163	0.0	19.9	SQ			0	0	C	C	0	0	1
FAGU163	19.4	21.0	D			0	0	C	C	0	0	1
FAGU163	0.0	21.2	G			0	0	C	C	0	0	1
FAGU163	0.C	21.4	G			C	0	C	C	0	0	1
FAGU163	0.C	21.8	G			0	0	C	C	0	0	1
FAGU163	0.C	23.6	G			0	0	C	C	0	0	1
FAGU163	24.6	35.4	Q1X			0	0	C	C	0	0	1
FAGU163	37.4	38.0	Q1X			0	0	C	C	0	0	1
FAGU163	0.0	60.4	S			0	0	C	C	0	0	1
FAGU163	0.0	62.5	F??			0	0	C	C	0	0	1
FAGU163	63.4	63.9	XQ			0	0	C	C	0	0	1
FAGU163	63.9	65.5	RP			C	0	C	C	0	0	1
FAGU163	71.6	72.8	N			0	0	C	C	0	0	1
FAGU163	65.5	74.4	G			0	0	C	C	0	0	1
FAGU163	0.0	77.1	1G			0	0	C	C	0	0	1
FAGU163	0.C	77.9	G			0	0	C	C	0	0	1
FAGU163	89.6	91.0	X1G			0	0	C	C	0	0	1
FAGU163	89.9	91.4	P	5		0	0	C	C	0	0	1
FAGU163	94.5	96.0	P	1		0	0	C	C	0	0	1
FAGU163	96.C	99.0	P1G			0	0	C	C	0	0	1
FAGU163	1C2.0	102.6	GQ			0	0	C	C	0	0	1
FAGU163	1C4.9	105.2	GB			C	0	C	C	0	0	1
FAGU163	1C8.0	108.5	BP			0	0	C	C	0	0	1

DDH: FAGU163 UTM-N: 964,740.0 UTM-E: 592,481.2 UTM-ELEV: 1,174.9 TOTAL DEPTH: 112.0 SECTION: W 64
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGU163	1	2
FAGU163	2	1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: FAGU163

Project: Grum Relog

Location: Vangorda Plateau 64W

Claim: CA

UTM ~~Terr.~~ Plane Co-ords.: 6904740.0 N

572481.2 E

Conversion of surveyed grid co-ords

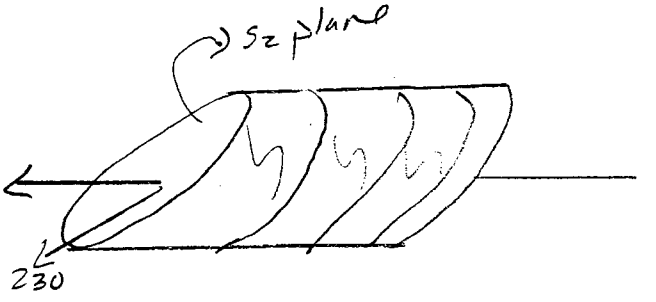
Grid Co-ords.: 64W

2N

Elevation: 1174.9

Total Depth: 112.1m

Fabric Orientation Diagram:



All ~~symmetry~~ determinations looking

NW with Sz dipping

SW with dip azimuth 230°.

Purpose:

Re

Logged by: RST + JGS Date(s) Logged: July 21, 1981

Drilling Contractor:

Core:	Size	From	To	Collar Cased and Capped:
	BQ	0	112.1m	

Started: 8/31/78 Completed: 9/1/78

Cyprus Anvil Mining Corp.

Diamond Drill Core Log

DDH ~~FAG~~ U-1-6-3

Code	Drillhole	Elevation	Northing	Easting	Comments
1	2 8	10 16	17 24	25 32	34 48
T	~~FAG~~ U-1-6-3	1174.9	9047401.0	592481.2	METRES

224.1 for True North

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2 8	10 14	22 26	28 32	34 56
R	~~FAG~~ U-1-6-3	00	91.0	212.16	ATCOLLAR
R	~~FAG~~ U-1-6-3	61.0	90.0	229.0	SPERRY SUN
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	

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

DDH EA GU 16 3 (2 / 8) Cyprus Anvil Mining Corp. Page 3 of 10

Lithologic Log Date: 7/21/81 Logged By: RST + JSM + J

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	0.0	8.1		1	4C 8	(4C0) minor cpy along thin fractures
						(4D4 @ f.w.)
						6.3 - 7.2 vuggy crackle bxia
						Poor rec'vy (0.5/3.0) first 3 meters
L	8.1	9.7		2	5B Z 6	8.1 - 8.3 4LZ bxiated, gouged lower cct 45° to CA
						8.3 - 9.0 5BZ6
						9.0 - 9.1 4LZ
						9.1 - 9.7 5BZ6 fractured zone
						5BZ6 (4LZ) possible fault splay
L	9.7	12.5		3	5A 6	pyrite tank healed fractures indicating continuing influence of fault
						(5BZ6) 1cm wide gouge 45° to CA @ f.w.
L	12.5	18.0		4	5B 6	minor ank fractures 12.9, 15.6, minor ank partings //Sz, minor 10Q0 //Sz
L	18.0	19.4		5	5B 4	(this is JSM's 4LO bleached phyllite)
						10Q0 @ 18.5 //Sz w/ chloritic margins
L	19.4	21.0		6	4H *	matrix supported bxia w/ 4A matrix
						4L frags; 4L zone shearing + 10Q0 center of interval
						base metals seem to be fracture floated
						(4K17)(4E7). *ankeritic spots consistently throughout ↳ @ f.w.
L	21.0	21.8		7	4L 0	gouge @ 21.2, 21.4, 21.8
L	21.8	23.6		8	5B 6	(5B4 @ 22.9) (5B* dolomitic 21.8-22.1)
						silicified (10Q0?) //Sz
L	23.6	24.1		9	5B 6	(10Q0 sub// C.A.) 50:50 //Sz
L	24.6	29.3		10	5A 3	MS Ank Frac // rel Fault? 24.6 - 3.5 4 Ank
L	29.3	31.2		11	5A 8 3	Fault zone // core axis
L	31.2	41.9		12	5A 3	
L	41.9	51.0		13	5B 3	<0 0 0> Upp Cont @ L.C. shall transition
L	51.0	51.7		14	5A 3	
L	51.7	61.0		15	5B 6	<5A> narrow interbeds .2m 57.9 - 58.3 ab
L	61.0	61.3		16	4G 4	Upp cont shear slick-sided <0.1m 5A -
L	61.3	61.9		17	10 Q 0	61.5 0.1m Breccia gouge ?
						0.4m Gouge LE + VG patch 0 0 0
L	61.9	65.5		18	5A 9 6	3cm core only little sulphide remnant

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

↑ GARAGE!

DDH F.A.G.W.163 (2 / 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: 21 July 81 Logged By: RSTG GS

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35 65.5 - 74.4
L	65 5	72 8		19	5A3	NB FAULT GAUGE core. 71.6-72.8 CORE MISSING
L	72 8	74 4		20	5B3	50* from 73.3 - 73.4 FAULT GAUGE
L	74 4	82 8		21	5B3	NOT GAUGE 77.1 = .1m GAUGE
L	82 8	84 4		22	5B6 2	82.4 = ANKFR 77.9 = .2m GAUGE
L	84 4	88 4		23	5B2 3	85.4 - 88.3 ANK VEINS 1cm wide rep. 3-4 cm
L	88 4	89 6		24	5B3	
L	89 6	91 0		25	4C0	Breccia frags Δ 1cm-2cm 1/2-5 metres - mins Gauge?
L	91 0	93 3		26	4D8	C.LOSS 89.9 - 91.4 = .7 CORE ONLY
L	93 3	95 0		27	4L8	CHLRO. FRAC 94.4 LOW. CONT. CORE LOSS
L	95 0	111 07		28	5A3	C LOSS 94.5 - 96 NO CORE .2 m.
						96.3 QV. - 102
						102 - 102.6 GAUGE + QV.
						104.9 - 105.3 GAUGE + BR. CORE
						108.0 - 108.5 BROKEN CORE LOSS
L	111 07	111 20		29	5C4	* FUCHITE PERVASIVE
						END OF HOLE 112'
						NB unit 4G4 very fine grained basalt in groundmass. Sphalerite is flesh coloured.

DDH FAGU163 (2 8) Cyprus Anvil Mining Corp. Page 5 of 10

Structural Log Date: _____ Logged By: JGS & CDR

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		449	FLT		25° 010			S2 ll to ca.
S		470	CS2	Z			610	
S		495	CS2	S			25	
S		500	VN		35 320			~2cm vein q
S		508	CS2	S			40	
S		562	CS2	Z			20	
S		590	SHR		10 190			Shear qtz ank filled weak
SG								veins sub // S2 cut this zone
								to be tension gashes 45°/000°
S		594	CS2	S			20	
SG		604						@ 604 cnt. slickside fault
								cnt 30° to ca.
S		634	VN		50 320			cnt at vein @ 604
S		634	R				40	comp. banding in 604
SG		639	VN					Lower cnt 10% c.a of qtz vein
SG		675	SHR					top of shear zone Sub // S2
S		675	PS2				55	
S		703	PS2				40	
S		745	CS2	Z			70	
S		765	PS2				20	
S		765	SHR		20 180			narrow shear .01m
S		785	SHR				45	sub // S2
S		785	PS2				45	
S		808	CS2	Z			40	
S		85	CS2	Z			25	
S	855	86	VN				40	Zoned vein sub // S2
S	5	871	CS2	Z			35	
SG		896						Contact in bx
S		932	R				30	
S		970	VN				45	Qtz vein sub // S2
S		980	CS2	S			30	
SG		1020						Gouge poss. sub // S2
SG		1048	CS2	Z			45	Gouge zone is sub // S2
S		1056	CS2	S			20	
S		1118	PS2				40	Slickside at cnt // S2

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

DDH FAC 4163 (2 8) **Cyprus Anvil Mining Corp.**

Structural Log Date: _____ Logged By: JAS RBT

Code	From	To	Feature	Es	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
S		33	R				70 230	4C
S		5	R				45	
SA		65						Bx zone // S2
S		84	FLT		55 30			
S		84	CS2	Z			20	Bx and fault zone post D2
								lower contact of fault
								measured
S		95	PS2				30	SA and QQD
S		95	FLT		0 90			
S		12	PS2				25°	S2 is warped in same
								core pcia by post D2 fold.
S		125	PS2		30 340		40	
S		146	CS2	S			65	
S		168	CS2	S			50	
S		180	FRC		30 160			Qtz filled fracture
SHR		153	CS2	S			25	
S		192	PS2				25	
SHR								Shear 10° to c.a. sub // S2
SHR		212						" sub // S2
S		229	PS2				70	
S		229	TG		30 135			Tension gashes
S		224	CS2	S			65	
S		240	VN		0 00			Qtz vein
S		247	CS2	S			25	
S		253	CS2	Z			50	
S	260	290	I	H				S2 sub // to C.a. (10°)
S		304	PS2				20	SA
S		320	CS2	Z			45	
S		360	CS2	Z			20	
S		375	VN					S2 // core axis in 90°
								round core and // c.a.
SHR								
S		383					50	
SHR		383	VN					Vein & gouge sub // S2
S	395	440	H					S2 10°-15° to C a folded

NB FLT - fault
TG - Tension gash
VN - vein
SHR - shear

DDH EAG-U-163 Cyprus Anvil Mining Corp Page 7 of 10

Logged by RST, SM, GS

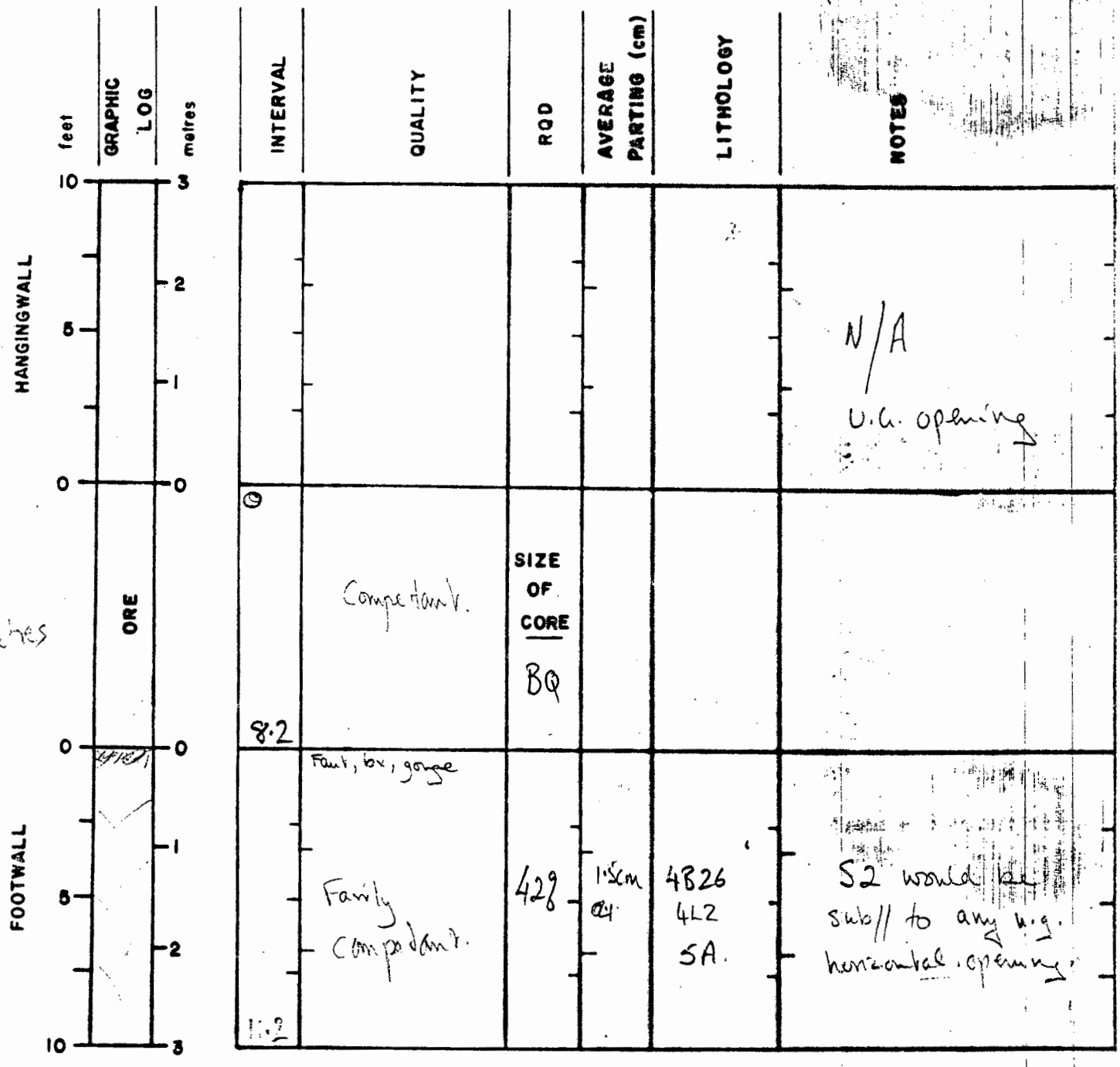
ASSAY LOG (SAMPLER'S COPY) Date 21 Jul. 81 Sampled by

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
1	10 14	16 20	22 26	28 30	32 34	36 40	42
P	00	21	76466	21	02	4C8	(4C0, 4D4)
P	21	41	76477	20	13	4C8	(4C0, 4D4)
P	41	61	76488	20	20	4C8	(4C0, 4D4)
P	61	80	76499	19	19	4C8	(4C0, 4D4)
P	194	210	76550	16	15	4H*	
P	604	618	76551	14	13	4E4	
P	618	634	76552	16	16	4E4	
P	896	910	76553	14	06	4C0	
P	910	933	76554	23	13	4D8	
P	933	950	76555	27	16	4L8	

910
896
14

DDH- FAGW/183

GEOTECHNICAL LOG



DDH- FAMU/163

GEOTECHNICAL LOG

PAGE 9/10

Metres

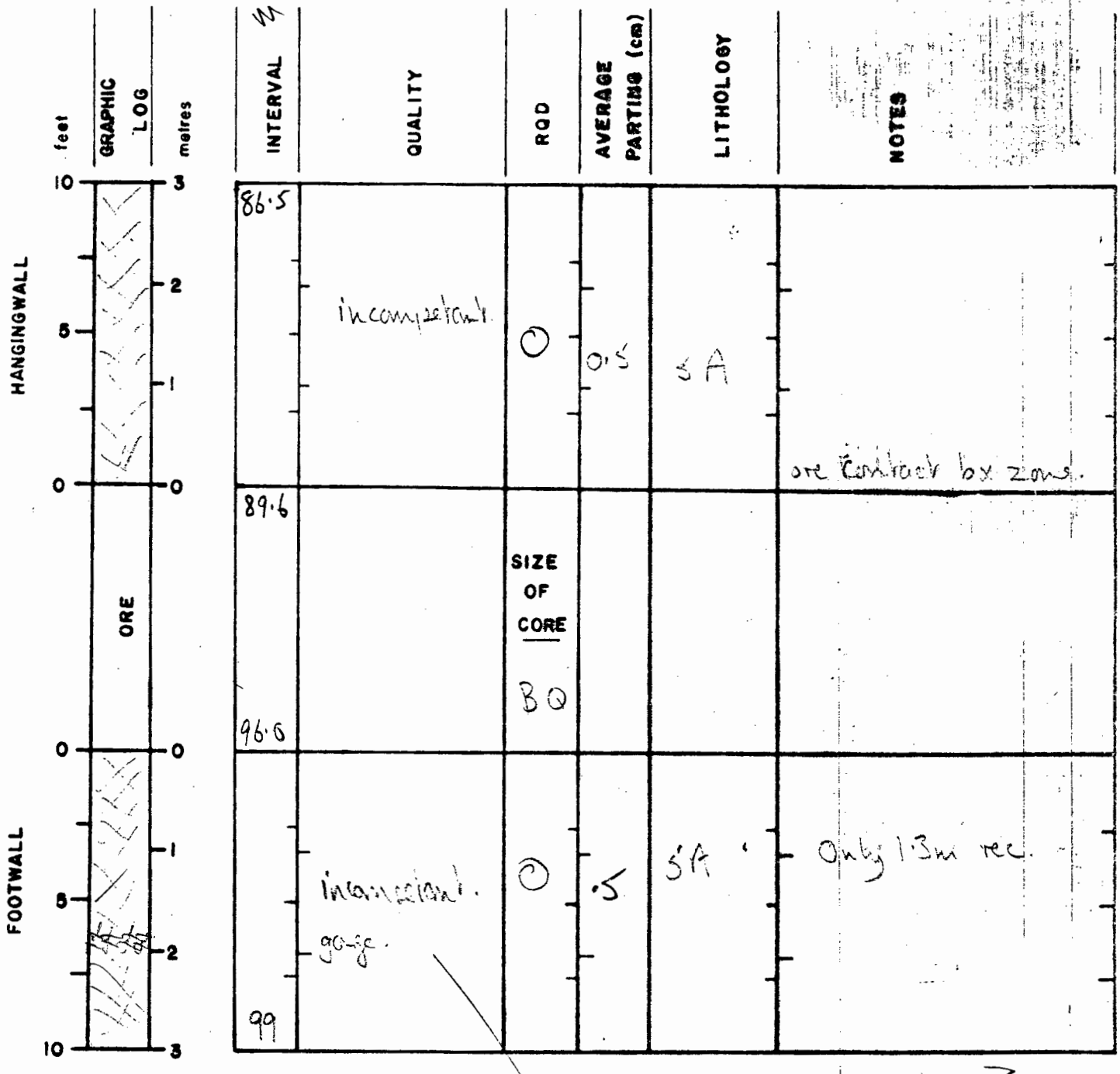
feet	GRAPHIC LOG	metres	INTERVAL m.	QUALITY	RQD	AVERAGE PARTING (cm)	LITHOLOGY	NOTES
10	HANGINGWALL	3	57.4	Fairly competant. Gouged shear	50%	2.5	SA6	ankeritic sealed fractures 1/3cm
5		2						
		1						
0		0	60.4	Competant.	SIZE OF CORE BQ		4G4	
0	ORE	0	63.4					
0	Qtz	0		Quartz vein				
5	FOOTWALL	1		Soft incompetant fractured rock	0	<1cm	SA	
		2	66.4					
10		3						

50.4

DDH- FIA-14-163

GEOTECHNICAL LOG

Metres



why isn't this zone noted on either the Litho or Struct log?

DDH FAGU163 (2 8) Cyprus Anvil Mining Corp. Page ____ of ____

Structural Log Date: ____ Logged By: ____

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
	10 14	16 20	22 24	26	28 32	34 38	40 44	
F	163	172	XQ			9999		
F	000	300	P	2				
F	911	977	B G					
F	977	1255	X P					
F		1255	G					
F		1999	S Q					
F	1944	2100	D					
F		1800	G					
F		2122	G					
F		2144	G					
F		2188	G					
F		2366	G					
F	2466	3540	Q X					11 CA
F	3744	3800	Q X					11 CA
F		6044	S					
F		6255	F ? ?					
F	6344	6399	X Q					
F	6399	6555	R P					
F	6555	7444	G					
F	7166	7288	N					
F		7711	G					
F		7799	G					
F	8966	9110	X G					
F	8999	9144	P	5				
F	9455	9600	P	1				
F	10220	10266	G Q					
F	10449	10552	G B					
F	10800	10855	B P					
F	9660	9900	P G					

DIAMOND DRILL RECORD

LOGGED BY ALEXANDER YOUNG PO D.D.H. Nº 76-U-163 PAGE 1

PROPERTY GRUM JOINT VENTURE

LATITUDE 64W STARTED AUGUST 31, 1978

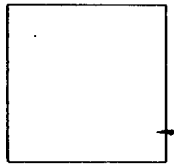
DEPARTURE 2N COMPLETED SEPTEMBER 1, 1978

ELEVATION PROPOSED DEPTH 375' - 114.3m

ULTIMATE DEPTH 368' - 112.1m

HOLE SURVEY:		
DEPTH	BEARING	DIP
COLLAR	224°	0°
61m	229°	0°

CLAIM Nº



NOTE: Hole stopped after passing target sulfide band.

DIRECTION AND DISTANCE FROM N.E. CLAIM POST

TOTAL CORE RECOVERY: 79.5%

Interval From	Interval To	DESCRIPTION	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
0	8.0	QUARTZ-SULFIDE (P). Competent. Very siliceous ground 30 3	0.5	001B	0	3.0	3.0	0.10	1.68	6.17			1.78	PbZn	
		mass. Foliation = 80-85°, from 0-5m. Foliation 30 3	3.0	002B	3.0	6.1	3.1	0.33	1.13	13.03			1.46	PbZn	
		changes to 40-45° from 6-8m. 25 5	1.5	003B	6.1	8.0	1.9	2.15	3.75	35.31					
		8.0: Sharp contact with Sericite Phyllite. Contact wavy													
		= 10-15° marked by short bleached sericite (Sb) transi		W.Av.	0	6.1	6.1	1.62	PbZn						
		tional interval (=5cm.).													
8.0	25.9	SERICITE PHYLLITE (S). Competent. Foliation F_2 = 15°; F_1 =	16.3		8.0	25.9	17.9								
		45-50°. Drill appears to penetrate sub-parallel to F_2.													
		17.2-19.3: Bleached Sericite Phyllite (Sb). Silvery white													
		with minor chlorite flakes. Soft core. Folia-													
		tion = 15°.													
		19.3-20.0: Wide Po bands with quartz inclusions, trace PbZn													
		(=1%). First contact broken ground, second con-													
		tact = 75°.													
		21-21.7: Bleached Phyllite (Sb). Soft core. Buff to													
		silvery white. Foliation = 15-20°.													
		21.4: Shear. Contacts gradual.													

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
		25.9: Introduction of Calcite. Rx becoming Calcitic Seri-													
		cite Phyllite (SK).													
25.9	38.1	CALCITIC SERICITE PHYLLITE (SK). Competent. Foliation = 10-	12.0		25.9	38.1	12.2								
		15° (F_2); calcite as short discontinuous stringers perpendi-													
		cular to F_2 (could be F_1). Series of long ellipsoidal fold													
		nose closures.													
		38.1: Introduction of Graphitic constituents. Rx becoming													
		Graphitic Sericite Phyllite (SG).													
38.1	57.0	GRAPHITIC SERICITE PHYLLITE (SG). Competent. Foliation = 0-	17.8		38.1	57.0	18.9								
		10° (F_2); F_2 = 90°. Series of ellipsoidal F_1 noses. F_2 is													
		apparently wavy plane. Small slips displacing the laminae													
		1-2cm. @ 60° plane.													
		57.0: Gradual change to Sericite Phyllite(S).													
57.0	60.5	SERICITE PHYLLITE (S). Competent. Gray colour. Trace cal-	3.5		57.0	60.5	3.5								
		cite in groundmass. Foliation = 15° (F_2).													
		60.5: Sharp contact with Massive Sulfide (M). Contact is a													
		slip plane with slickenside along dip direction = 30°.													

LOGGED BY _____ D.D.H. NO 76-U-163 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
60.5	63.1	MASSIVE SULFIDE (M) WITH BARITE-IN-GROUNDMASS VARIETY 60 9 (Mb). Competent. Faint compositional banding Py/Sph-Pb/Ba =50°. Short runs of porous variety (MV) = 10cm. in the barite rich intervals. 61-62.5: Barite rich = 20%. 63.1: Abrupt change to Graphitic Phyllite. Contact marked by 40cm long bull quartz interval. Plane = 70°.	2.6	004B	60.5	63.1	2.6	4.75	8.64	77.83					
63.1	73.0	GRAPHITIC PHYLLITE (G). Broken, flakey to gougy core. Foliation = 30°. F_1 appears to be parallel to F_2. 64-65.5: Graphite flakes/sand trace of gougy materials; could be FAULT. Low recovery: 0.2/1.5. 65.5-67.1: Gouge. FAULT. Black sticky gouge. 68.6-71.6: Intervals of solid and gougy core. 73.0: Change to Serictie Phyllite (S). Broken ground. (Identification of Rx based on flakes and general difference in colour and streak.)	4.2		63.1	73.0	9.9								
73.0	86.9? 89.6	SERICITE PHYLLITE (S). Varying competency - from soft flakey core to solid competent runs. Foliation = 15-20° (F_2). F_1 = 45°. 73-77.7: Soft flakey core.	16.0		73.0	89.6	16.6								

LOGGED BY _____ D.D.H. NO 76-U-163 PAGE 4

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		86.4-86.5: Small fault.													
		86.9: Abrupt change to Banded Massive Sulfide (MB) and Sulfide bx (MXsq). Contact broken ground.													
86.9?	96.0	BANDED MASSIVE SULFIDES (MB) WITH SHORT RUN OF SULFIDE 40 5	0.8	005B	86.9	90.1	3.2	2.50	1.90	33.26			1.50	1.14	19.96
		BX (MXsq). Broken, blocky core. Banding = 30-35°; 40 8	1.1	006B	90.1	93.1	3.0	3.95	2.40	39.43			11.85	7.20	118.29
		with narrow bands of bleached sericite. 40 4	2.5	007B	93.1	96.0	2.9	1.73	1.45	24.34					
		89.6-90: Sulfide Bx. Angular sulfide fragments Ø = 1mm-1.5 cm. cemented by quart and sulfides. Contacts broken ground.		W.Av.	89.5	93.1	3.6	3.71	2.32	38.4			13.35	8.34	138.25
		94-94.8: Wide bands of Po = 15°.													
		96.0: Abrupt change to Graphitic Phyllite (G). Contact broken ground.													
96.0	110.7	GRAPHITIC PHYLLITE (G). Broken, flakey core. Foliation F_2 = 15-20°; F_1 = 10-15° (oppisite direction F_2 or almost perpendicular) @ 96-106.7.	7.2		96.0	110.7	14.7								
		Foliation change to F_2 = 0°; F_1 = 90° @ 108.													
		109.7: Shear.													
		110.7: Abrupt change to Bleached Phyllite (Sb) = 40°.													

LOGGED BY _____ D.D.H. NO 76-U-163 PAGE 5

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
110.7	112.1	BLEACHED PHYLLITE (Sb). Broken core, sheared. Buff with	0.2		110.7	112.1	1.4								
		prominent fuchsite spots. Foliation = 50°.													
	112.1	END OF HOLE. Difficult ground. Used mud.													

DDH: FAGU163 -- 132 DEGREE PROFILE

(VIEW AZIMUTH = 42 DEGREES)

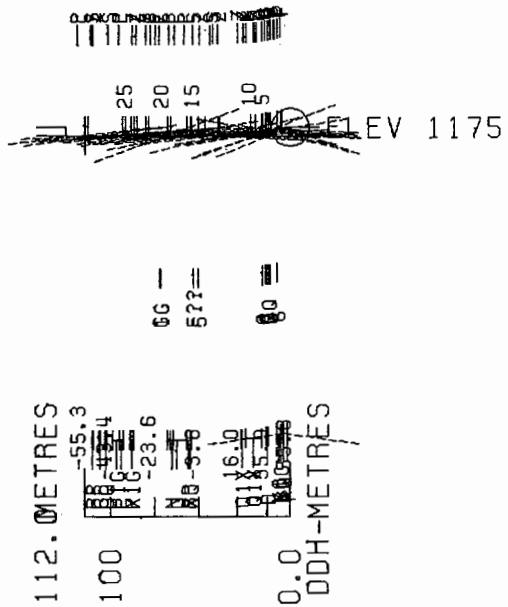
ELEV: 1175 592481E ; 904740N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 758.2 Z = 1174.9

SECTION NAME: 00N

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 21 NOV 1984 3:34 PM



DDH: FAGU163 -- 132 DEGREE PROFILE

(VIEW AZIMUTH = 42 DEGREES)

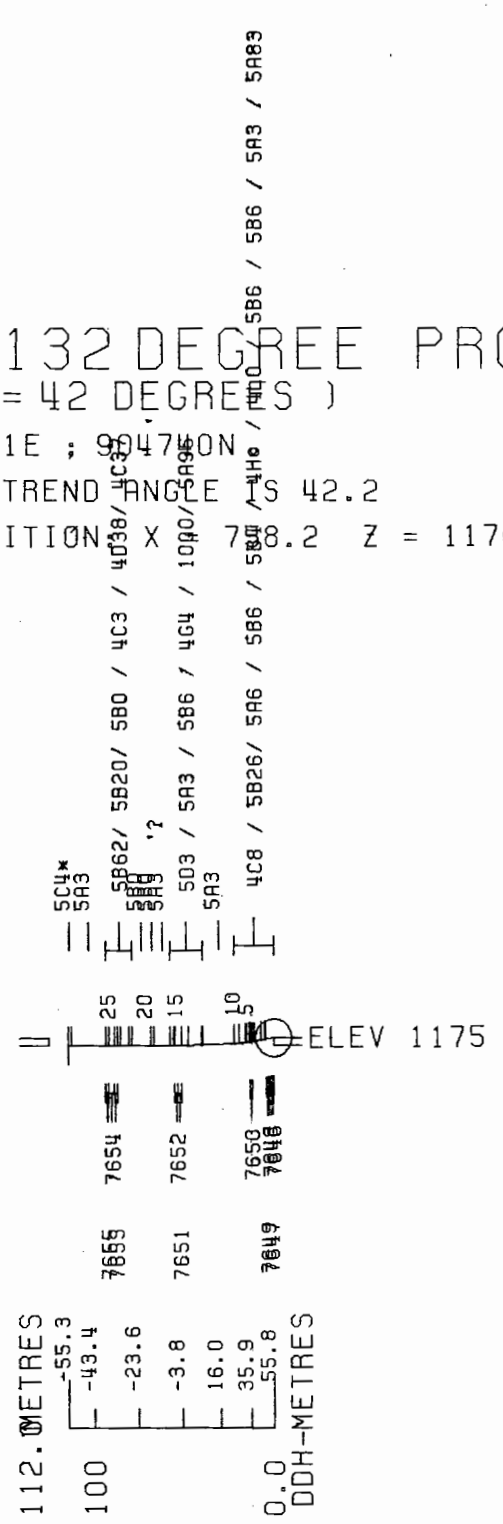
ELEV: 1175 592481E ; 9047[illegible]ON

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION X = 7[illegible]8.2 Z = 1174.9

SECTION NAME: OON

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 21 NOV 1984 3:32 PM



DDH	SAMPLE	----DEPTHS--- FROM	TO	INT M	REC %	ROCK UNIT	S.G.	CU %	PB %	ZN %	AG G/MT	AU G/MT	PO %	PY %	BAO %	PB+ZN %	PO+PY %	ZN RATIO
FAGU165	7358	.0	2.3	2.3	39	4A34	3.46	.24	3.30	4.90	47.0	1.99	1.72	18.00		8.20	19.72	.60
	7359	2.3	4.4	2.1	86	4A3	3.35	.21	1.48	2.05	24.0	.89	1.76	18.80		3.53	20.56	.58
	7360	4.4	6.1	1.7	100	4C0	3.46	.25	.13	.75	10.0	.69	2.19	22.40		.88	24.59	.85
	7361	6.1	7.6	1.5	93	4C0	3.41	.26	.08	.53	11.0	.55	2.37	21.40		.61	23.77	.87
	7362	7.6	9.5	1.9	95	4C0	3.57	.27	.91	1.40	30.0	1.03	2.15	24.50		2.31	26.65	.61
	7363	18.3	20.7	2.4	79	4E1		.27	.67	.82	27.0					1.49		.55
	7364	20.7	22.9	2.2	95	4E1		.35	.14	.65	31.0					.79		.82
	7365	22.9	25.3	2.4	92	4C3	3.56	.34	.12	1.17	14.0	.62	3.49	20.40		1.29	23.89	.91
	7366	25.3	27.4	2.1	95	4C5	3.62	.22	1.57	1.63	46.0	1.10	1.47	22.70		3.20	24.17	.51
	7367	27.4	30.1	2.7	81	4C3		.51	.12	.72	20.0					.84		.86
	7368	30.1	32.5	2.4	92	4C3		.22	.07	.42	12.0					.49		.86
	7369	32.5	33.1	.6	100	4C0	3.08	1.09	.03	.34	30.0	1.99	4.25	13.30		.37	17.55	.92
	7370	33.1	35.0	1.9	100	4C3	3.64	.51	.07	.53	17.0	.75	4.25	22.10		.60	26.35	.88
	7371	35.0	36.9	1.9	100	4E1	3.99	.43	1.25	2.02	37.0	1.30	4.53	30.80		3.27	35.33	.62
	7372	36.9	39.6	2.7	85	4E1	4.49	.31	1.46	2.60	36.0	1.58	2.32	37.70		4.06	40.02	.64
	7373	39.6	41.7	2.1	95	4E1	4.21	.32	1.00	1.09	31.0	1.78	2.19	36.00		2.09	38.19	.52

DDH	SAMPLE	ROCK UNIT	NORMATIVE MINERALS - WEIGHT % CPY	GA	SP	PO	PY	BAR	OTHER	*	NORMATIVE MINERALS - VOLUME % CPY	GA	SP	PO	PY	BAR	OTHER
FAGU165	7358	4A34	.69	3.81	7.30	2.71	38.71		46.78	*	.59	1.83	6.56	2.11	27.81		61.10
	7359	4A3	.61	1.71	3.06	2.77	40.43		51.43	*	.51	.80	2.68	2.11	28.35		65.56
	736C	4C0	.72	.15	1.12	3.44	48.17		46.39	*	.62	.07	1.01	2.70	34.75		60.85
	7361	4C0	.75	.09	.79	3.73	46.02		48.62	*	.64	.04	.70	2.89	32.78		62.95
	7362	4C0	.78	1.05	2.09	3.38	52.69		40.01	*	.70	.53	1.96	2.76	39.51		54.56
	7363	4E1	.78	.77	1.22				97.22	*							
	7364	4E1	1.01	.16	.97				97.86	*							
	7365	4C3	.98	.14	1.74	5.49	43.87		47.78	*	.83	.07	1.56	4.26	31.30		61.98
	7366	4C5	.64	1.81	2.43	2.31	48.82		43.99	*	.56	.89	2.23	1.84	35.81		58.68
	7367	4C3	1.47	.14	1.07				97.31	*							
	7368	4C3	.64	.08	.63				98.66	*							
	7369	4C0	3.15	.03	.51	6.68	28.6C		61.02	*	2.48	.02	.42	4.80	18.91		73.37
	737C	4C3	1.47	.08	.79	6.68	47.53		43.45	*	1.28	.04	.72	5.32	34.80		57.84
	7371	4E1	1.24	1.44	3.01	7.12	66.24		20.94	*	1.25	.81	3.18	6.55	56.01		32.20
	7372	4E1	.90	1.69	3.88	3.65	81.07		8.82	*	.99	1.04	4.48	3.67	74.99		14.83
	7373	4E1	.92	1.15	1.62	3.44	77.42		15.43	*	.97	.68	1.80	3.31	68.44		24.80

DRILL HOLE : FAGU165
NORTHING : 904,740.3
EASTING : 592,481.2
ELEVATION : 1,174.3
TOTAL DEPTH : 53.3
SECTION : W 64
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
CHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS CRE-SAMPLES:	16
NOS DOWN-H-SURVEYS:	1
NOS DOWN-H-LITHOLOGY:	16
NOS DOWN-H-STRUCTURE:	9
NOS DOWN-H-FAULTS:	9
NOS DOWN-H-SPLINES:	1
NOS COMPOSITES:	0

DDH: FAGU165 UTM-N: 904,740.3 UTM-E: 592,461.2 UTM-ELEV: 1,174.3 TOTAL DEPTH: 53.3 SECTION: W 64
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

----DEPTHS--- FROM	TO	SAMPLE NO.	INT.	REC.	ROCK UNIT	ASSAYS S.G. PULP	CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
.0	2.3	07358	2.3	.9	4A34	3.46	.24	3.30	4.90	47.00		1.99	1	18	19						
2.3	4.4	07359	2.1	1.8	4A3	3.35	.21	1.48	2.05	24.00		.89	1	18	20						
4.4	6.1	07360	1.7	1.7	4C0	3.46	.25	.13	.75	10.00		.69	2	22	24						
6.1	7.6	07361	1.5	1.4	4C0	3.41	.26	.08	.53	11.00		.55	2	21	23						
7.6	9.5	07362	1.9	1.8	4C0	3.57	.27	.91	1.40	30.00		1.03	2	24	26						
18.3	20.7	07363	2.4	1.9	4E1		.27	.67	.82	27.00											
20.7	22.9	07364	2.2	2.1	4E1		.35	.14	.65	31.00											
22.9	25.3	07365	2.4	2.2	4C3	3.56	.34	.12	1.17	14.00		.62	3	20	23						
25.3	27.4	07366	2.1	2.0	4C5	3.62	.22	1.57	1.63	46.00		1.10	1	22	24						
27.4	30.1	07367	2.7	2.2	4C3		.51	.12	.72	20.00											
30.1	32.5	07368	2.4	2.2	4C3		.22	.07	.42	12.00											
32.5	33.1	07369	.6	.6	4C0	3.08	1.09	.03	.34	30.00		1.99	4	13	17						
33.1	35.0	07370	1.9	1.9	4C3	3.64	.51	.07	.53	17.00		.75	4	22	26						
35.0	36.9	07371	1.9	1.9	4E1	3.99	.43	1.25	2.02	37.00	33.00	1.30	4	30	35						
36.9	39.6	07372	2.7	2.3	4E1	4.49	.31	1.46	2.60	36.00		1.58	2	37	40						
39.6	41.7	07373	2.1	2.0	4E1	4.21	.32	1.00	1.09	31.00		1.78	2	36	38						
WEIGHTED AVERAGE																					
.0	9.5		9.5	7.6		3.44	.24	1.34	2.13	26.21		1.09	2	20	22						
18.3	41.7		23.4	21.3		2.28	.36	.62	1.15	26.87	2.67	.72	1	16	18						

DDH: FAGU165 UTM-N: 904,740.3 UTM-E: 592,481.2 UTM-ELEV: 1,174.3 TOTAL DEPTH: 53.3 SECTION: W 64
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	128.000	226.100

DDH: PAGU165 UTM-N: 904,740.3 UTM-E: 592,481.2 UTM-ELEV: 1,174.3 TOTAL DEPTH: 53.3 SECTION: W 64
RFE: 52 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
4.4	0C01	443	&4 (4E1 BXA) 95:05	0.5-	1
9.5	0C02	4CC	& SER	0.5-	1
18.3	0C03	5861	&0? -> 5864	0.5-	1
22.9	0C04	4E1		0.5-	1
25.3	0C05	4C3	&9 &8 & SER. [4CC]	0.5-	1
27.4	0C06	4C5	[4CO (4AO)]	0.5-	1
32.5	0C07	4C3	-> 4E1 &9 &8 & SER. [4CO]	0.5-	1
33.1	0C08	4CC	? BXA	0.5-	1
35.0	0C09	4C3	&8 (4EO) 9C:1C [4CO]	0.5-	1
41.7	0C10	4E1	(4CO) (4E# POROUS) MINOR	0.5-	1
45.6	0C11	586	?	0.5-	1
46.5	0C12	5861	&0?	0.5-	1
47.2	0C13	586	?	0.5-	1
50.3	0C14	5861	&0 ?	0.5-	1
51.2	0C15	586	?	0.5-	1
53.3	0C16	5861	&0? THIS AND ABOVE = $?	0.5-	1

DDH: FAGU165 UTM-N: 934,740.3 UTM-E: 592,461.2 UTM-ELEV: 1,174.3 TOTAL DEPTH: 53.3 SECTION: W 64
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT SYMTRY	S0 ANGLE	S0 DIRECT	S1 ANGLE	S1 DIRECT	S2 ANGLE	S2 DIRECT	RFE CDE	DHDC	SDC	PROCESS
FAGU165	0.0	5.5	PS2	C	0	0	C	19	230	C	1	1	1
FAGU165	0.C	9.7	CS2	C	0	0	C	40	23C	C	1	1	1
FAGU165	0.0	14.0	CS2	0	C	0	C	40	23C	C	1	1	1
FAGU165	0.C	21.0	PS2	0	C	0	C	20	230	C	1	1	1
FAGU165	0.C	26.3	PS2	0	0	0	0	40	23C	C	1	1	1
FAGU165	0.C	32.0	PS2	C	C	0	C	5	230	C	1	1	1
FAGU165	0.C	34.7	PS2	0	0	C	C	40	23C	C	1	1	1
FAGU165	0.C	41.7	PS2	0	0	0	C	40	23C	C	1	1	1
FAGU165	0.C	51.8	PS2	0	0	0	C	5	23C	C	1	1	1

DDH: FAGU165 UTM-N: 904,740.3 UTM-E: 592,461.2 UTM-ELEV: 1,174.3 TOTAL DEPTH: 53.3 SECTION: W 64
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
FAGU165	0.1	2.5	R??		0	0	C	C	0	0	1
FAGU165	3.5	3.7	D		C	0	C	C	0	0	1
FAGU165	0.0	18.3	R		C	0	C	C	0	0	1
FAGU165	32.5	33.1	D?X		C	0	C	C	0	0	1
FAGU165	36.6	37.0	R		C	0	C	C	0	0	1
FAGU165	41.7	45.6	GR		C	0	C	C	C	0	1
FAGU165	46.5	47.2	GP		0	0	C	C	0	0	1
FAGU165	47.2	50.3	1G		C	0	C	C	0	0	1
FAGU165	50.3	51.2	GP		0	0	99	999	0	0	1

DDH: FAGU165 UTM-N: 934,740.3 UTM-E: 592,481.2 UTM-ELEV: 1,174.3 TOTAL DEPTH: 53.3 SECTION: W 64
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	CCND INDICATOR
FAGU165	1	1

CYPRUS ANVIL MINING CORPORATION Page 1 of 5

DIAMOND DRILL CORE LOG Date: 7/20/81

Hole Number: FAGU165

Project: Grum Relog

Location: Vangorda Plateau

Claim:

UTM Terr.Plane Co-ords.: 6904740.3 N

592481.2 E

Grid Co-ords: 64W

2N

Elevation: 1174.3

Total Depth: 53.3m

Purpose:

Reason hole Terminated:

Logged by: JModerie

Date(s) Logged: July 20, 1981

Drilling Contractor:

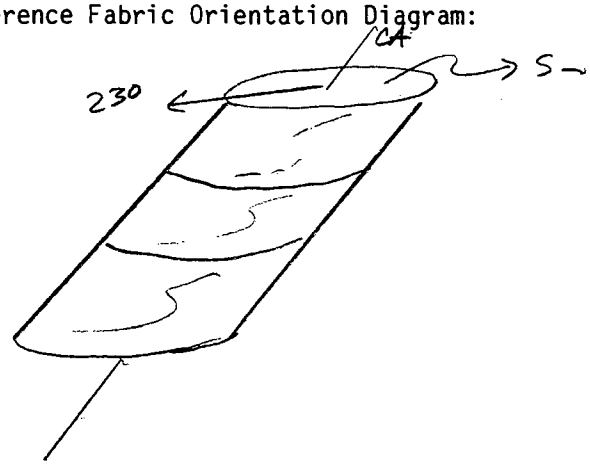
Hole Cemented:

Steel down hole:

Size	CORE From	To	Collar Cased and Capped:
BQ	0	53.3	

Started: 8/31/76 Completed: 9/1/76

Reference Fabric Orientation Diagram:



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

Cyprus Anvil Mining Corp.

Diamond Drill Core Log

DDH FAGU165
2 8

Code	Drillhole	Elevation	Northing	Easting	Comments
1	2 8	10 16	17 24	25 32	34 48
T	FAGU165	1174.3	9047401.3	592481.2	METRES

226.1 for True North

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2 8	10 14	22 26	28 32	34 56
R	FAGU165	0 0	128.6	222A.6	AT COLLAR
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	

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

DDH FAGU165 (2 / 8) — Cyprus Anvil Mining Corp. — Page 3 of 5

Lithologic Log — Date: _____ — Logged By: J. Modere

Code	From	To	Recov.	No.	Unit	Description	FW CTC
1	10 14	16 20	22 24	26 28	30 34	35	
L	0 0	14 4		1	4A 31	±4 (4E1 bxia 3.5-3.7)	
						core rubbled to 2.5 though described by KA as	
						competent so maybe a splitting artifact	
L	4 4	9 5		2	4C 01	± sericite lower dtc from KA logs	grad 40° to CA
	9 5	18 3		3	5B 61	crenulated w/ abundant white bands + microlithons	
						so it looks like 5BO but white is mostly siliceous	
						Locally bleached → 4U0 9.5-9.8, 10.5-10.9	rubbled
L	18 3	22 9		4	4E 11	<1% Pb Zn	grad
L	22 9	25 3		5	4C 01	±9 ±8, only locally sericitic 1-2% Pb Zn	grad
L	25 3	27 4		6	4C 05	[4CO(4A)] v. minor graphite stringers every 10cm	
						or so. Slightly more Pb Zn visible 2-3%	
L	27 4	31 2	5	7	4C 01	locally 4E1 locally sericitic ±9 ±8	grad 10° to CA
L	31 2 5	31 3 1		8	4C 10	? Bxia ? of siliceous frags + coarsely x'line py	
						in stp etc w/ 4CO	broken
L	31 3 1	35 0		9	4C 01	(4EO intbd ~20cm @ 34.4)	
						minor mgt ±8 esp @ f.w., minor cpy ±9	lost
L	31 5 0	41 7		10	4E 11	(4CO @ 35.8) (4E* porous ac @ 37.2, 38.9	
						Rubble 36.6-37.0 possibly just the start of the run	11 Sz
L	41 7	45 6		11	5B 61?	gouge 11 Sz (gouge + chipped core)	silicific
L	45 6	46 5		12	5B 61	as #3 stp foliation	same lithology
L	46 5	47 2	0 3	13	5B 61?	gouge + poor recvy	Breaks to
L	47 2	50 3		14	5B 61	w/ minor gouge	show faults.
L	50 3	51 2	0 4	15	5B 61?	gouge + poor recvy 11 Sz	
L	51 2	53 3		16	5B 61		
						EOH @ 53.3	

C.A.M.C. 1981 – E-3

DDH FAGU165 (2 / 8) Cyprus Anvil Mining Corp. Page 4 of 5

Structural Log Date: _____ Logged By: T. 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		55	PSSZ				119 Z310	sfds
S		97	CSSZ				410 Z310	phyllite
S		140	CSSZ				40 Z30	
S		410	PSSZ				20 Z30	bandings in sfds
S		1263	PSSZ				40 Z310	in 4A
S		320	PSSZ				05 Z30	bandings in sfds
S		347	PSSZ				40 Z30	" "
S		417	PSSZ				40 Z30	cfc // Sz
S		518	PSSZ				05 Z310	not all the Sz's through
								These gouge zones are
								as steep as this

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

DDH FAGU165 (2 / 8) Cyprus Anvil Mining Corp

Page 5 of 5

Logged by JModerie

ASSAY LOG (SAMPLER'S COPY) Date 7/20/81 Sampled by

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION	
	10 14	16 20	22 26	28 30	32 34	36 40	42	
P	100	123	73558	23	09	4A31	±4	#1
P	123	144	73559	21	18	4A31	±4	#1
P	144	161	73610	17	18	4C01	± sericite	#2
P	161	176	73611	15	14	4C01	± sericite	#2
P	176	195	73612	19	18	4C10	± sericite	#2
P	183	207	73613	16	19	4E11		#4
P	207	229	73614	22	21	4E11		#4
P	229	253	73615	24	22	4C01	±9 ±8	#5
P	253	274	73616	21	20	4C15		#6
P	274	301	73617	27	22	4C01	±9 ±8 locally sericitic (4E1)	#7
P	301	325	73618	24	22	4C10	"	#7
P	325	331	73619	06	07	4C10	boxic	#8
P	331	350	73710	19	19	4C10	±8 ±9 (4E1)	#9
P	350	369	73711	19	20	4E11	(4C0)(4E* cc porous)	#10
D	369	396	73712	27	23	4E11		#10
P	396	417	73713	21	20	4E11		#10

#1

#2

DDH FAGU165 (2 / 8)

Cyprus Anvil Mining Corp.

Structural Log

Page _____ of _____

Date: _____ Logged By: _____

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
F	135	137	D					
F	001	025	R???					
F		1183	R					
F	1325	1331	D?X					
F	1366	1370	R					
F	1417	1456	GR					
F	1465	1472	GP					
F	1472	1503	IG					
F	1503	1512	GP			99 999		

DIAMOND DRILL RECORD

LOGGED BY ALEXANDER YOUNG PO D.D.H. Nº 76-U-165 PAGE 1

PROPERTY GRUM JOINT VENTURE

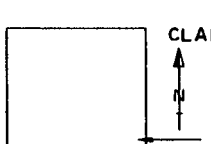
LATITUDE 2N STARTED AUGUST 31, 1976

DEPARTURE 64W COMPLETED SEPTEMBER 1, 1976

ELEVATION PROPOSED DEPTH 175' - 53.3m

ULTIMATE DEPTH 175' - 53.3m

HOLE SURVEY:		
DEPTH	BEARING	DIP
COLLAR	224°	-41°



CLAIM Nº

DIRECTION AND DISTANCE FROM N.E. CLAIM POST

TOTAL CORE RECOVERY: 88%

Interval From	Interval To	DESCRIPTION	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
0	9.5	QUARTZ-SULFIDE (P). Competent. Foliation = 0-15°. 40 7	1.8	008B	0	3.0	3.0	2.85	3.59	31.20					
		Sulfides confined in this foliation - probably F (?) 35 6	2.9	009B	3.0	6.1	3.0	0.75	1.15	9.94			1.90	PbZn	
		2.0: Ellipsoidal fold nose closure with Graphitic 35 4	1.4	010B	6.1	7.6	1.5	0.10	0.70	7.20			0.80	PbZn	
		Phyllite core. 30 3	1.5	011B	7.6	9.5	1.9	0.85	1.55	25.37					
		3.5-3.7: Sulfide Bx (MXq-s). Sub-rounded, 1m-1cm sulfides													
		cemented by quartz and fine grained sulfides.		W.Av.	3.0	7.6	4.6	1.53	PbZn						
		9.5: Sharp clean contact with Bleached Phyllite (Sb) = 40°.													
9.5	11.0	BLEACHED SERICITE PHYLLITE (Sb). Soft, fissile. Buff with	1.2		9.5	11.0	1.5								
		silvery white interval. Foliation = 30-35°.													
		11.0: Gradual change to Dark Sericite Phyllite (S).													
11.0	18.2	DARK SERICITE PHYLLITE. Fissile, easily breaks into flakes.													
		Foliation = 0-15°; F = 75°.	6.8		11.0	18.2	7.2								
		18.3: Shear. Contact with Massive Sulfide.													
18.2	41.6	MASSIVE SULFIDE (M). Blocky core from gravel size to 4cm.													

LOGGED BY _____ D.D.H. NO 76-U-165 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
		long. Very pyritic. Py in clustered aggregates and/or													
		closely spaced Py crystals. Groundmass partly made up of													
		amorphous silica. Po and Mgtt blebs widely distribu- 70 5	2.8	012B	18.2	21.3	3.1	0.73	0.78	23.31			1.51	PbZn	
		ted @ 22.9-24.4 60 3	2.7	013B	21.3	24.4	3.1	0.13	1.13	12.00			1.26	PbZn	
		25.9-27.4: Interval with narrow quartz-graphite 60 4	3.0	014B	24.4	27.4	3.0	1.15	1.30	25.37			2.45	PbZn	
		band (1cm. wide). Banding = 55-60°. 60 3	2.5	015B	27.4	30.5	3.1	0.08	0.70	13.03			0.78	PbZn	
		Barite prisms in cavity walls @ 18.4-26. 60 3	2.8	016B	30.5	33.5	3.0	0.03	0.48	10.97			0.51	PbZn	
		38.1-39.0: Porous variety. Voids = 25°. 50 5	2.8	017B	33.5	36.6	3.1	0.25	0.75	10.97			1.00	PbZn	
		41.6: Sharp clean contact with Graphitic Phyllite (G) 70 6	1.3	018B	36.6	38.1	1.5	2.23	2.95	38.40			3.35	4.43	48.35
		= 40°. 70 4	1.2	019B	38.1	39.6	1.5	1.83	2.23	32.23			2.75	3.35	48.35
41.6	53.3	GRAPHITIC PHYLLITE. Fissile, flakey to soft core. 75 4	2.0	020B	39.6	41.6	2.0	1.10	0.98	24.34					
		Foliation = 15-20°; series of ellipsoidal fold noses f (?)	10.3		41.6	53.3	11.7								
		45.7: FAULT. 10cm. of dark sticky gouge.		W.Av.	18.2	36.6	18.4	1.25	PbZn						
		47.0-47.3: Shear. Slip plane = 20°.		W.Av.	36.6	39.6	3.0	2.03	2.59	35.32			6.10	7.78	105.95
		50.3-50.5: Shear. Slip plane = 25°.													
	53.3	END OF HOLE.													

DDH: FAGU165 -- 132 DEGREE PROFILE

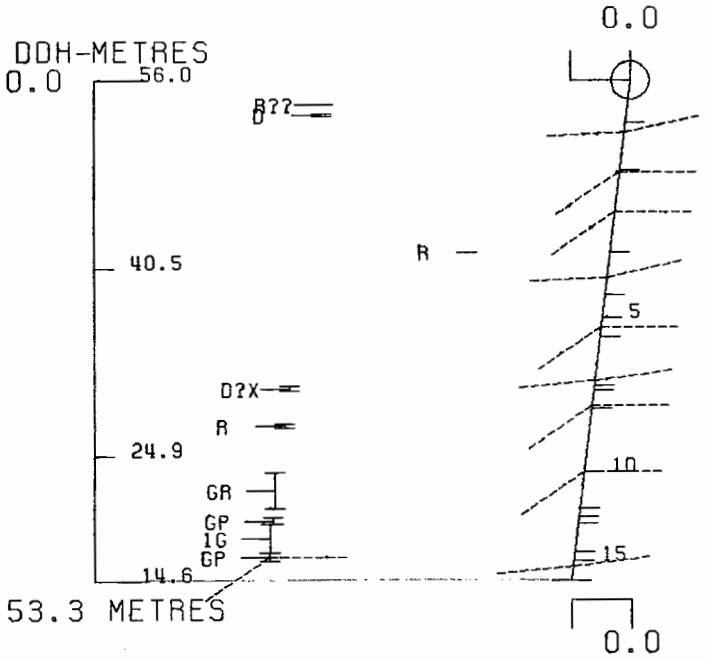
(VIEW AZIMUTH = 42 DEGREES)

ELEV: 1174 592481E ; 904740N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 758.0 Z = 1174.3

SECTION NAME: OON



ELEVATION ABOVE S.L.

+ 1150 M.

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 21 NOV 1984 3:29 PM

DDH: FAGU165 -- 132 DEGREE PROFILE

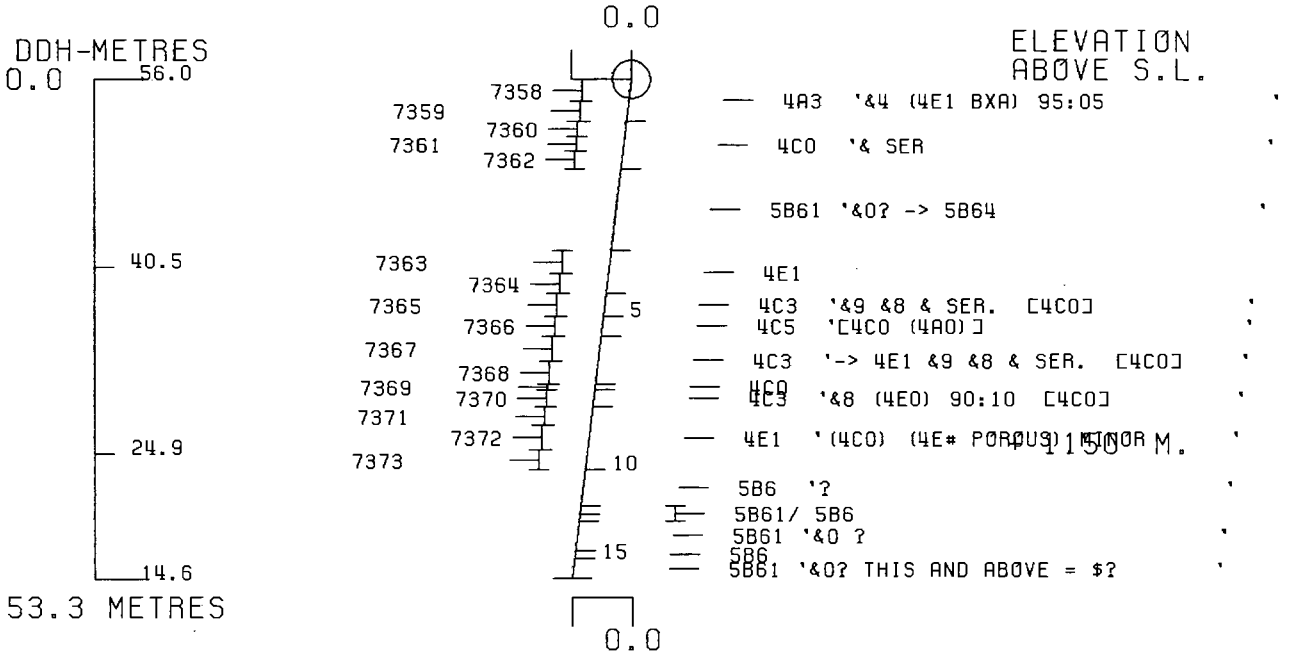
(VIEW AZIMUTH = 42 DEGREES)

ELEV:1174 592481E ; 904740N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 758.0 Z = 1174.3

SECTION NAME: OON



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 21 NOV 1984 3:28 PM

DDH	SAMPLE	----DEPTHS--- FROM	TO	INT M	REC %	ROCK UNIT	S.G.	CU %	PB %	ZN %	AG G/MT	AU G/MT	PO %	PY %	BAO %	PB+ZN %	PO+PY %	ZN RATIO
FAGU167	7343	.9	1.8	.9	100	4CE		.25	.21	.75	9.0					.96		.78
	7344	1.8	4.0	2.2	86	4CE	3.54	.28	.28	1.03	19.0	.96	2.68	19.60		1.31	22.28	.79
	7345	4.0	6.1	2.1	100	4CE	3.61	.28	1.37	2.30	33.0	1.99	2.98	19.60		3.67	22.58	.63
	7346	11.6	12.8	1.2	100	4H14	3.50	.26	5.10	6.00	84.0	1.51	9.50	9.25		11.10	18.75	.54
	7347	32.2	34.4	2.2	59	4G4	4.26	.15	5.00	8.60	76.0	.75	.91	21.80		13.60	22.71	.63
	7348	34.4	36.6	2.2	95	4G4	4.83	.12	4.40	6.60	68.0	1.03	.62	27.00		11.00	27.62	.60
	7349	36.6	38.3	1.7	100	4E46	4.71	.14	3.90	4.60	60.0	1.92	.72	37.80		8.50	38.52	.54
	7350	38.3	40.0	1.7	88	4E46	4.57	.20	4.40	6.60	87.0	1.44	.67	28.50		11.00	29.17	.60
	7351	40.0	42.1	2.1	100	4G4	4.54	.11	4.20	7.10	77.0	.96	.51	18.40		11.30	18.91	.63
	7352	42.1	42.6	.5	100	5A16	3.33	.10	2.80	3.80	60.0	.96	.82	10.60		6.60	11.42	.58
	7353	42.6	44.3	1.7	100	4G4	4.51	.13	5.70	10.70	102.0	1.44	1.14	16.10		16.40	17.24	.65
	7354	44.3	45.7	1.4	100	4E46	4.46	.24	5.10	7.20	79.0	1.65	1.78	33.20		12.30	34.98	.59
	7355	45.7	46.2	.5	100	4G4	4.53	.11	8.10	12.70	139.0	1.10	1.37	19.20		20.80	20.57	.61
	7356	46.2	48.1	1.9	79	4E4	4.29	.11	9.00	14.10	149.0	1.58	2.30	23.90		23.10	26.20	.61
	7357	48.1	49.2	1.1	82	4G4	4.26	.24	6.10	12.60	101.0	1.85	1.10	20.10		18.70	21.20	.67

DDH	SAMPLE	ROCK UNIT	NORMATIVE MINERALS - WEIGHT % CPY	GA	SP	PO	PY	BAR	OTHER	*	NORMATIVE MINERALS - VOLUME % CPY	GA	SP	PO	PY	BAR	OTHER
FAGU167	7343	4CE	.72	.24	1.12				97.92	*							
	7344	4CE	.81	.32	1.54	4.21	42.15		50.97	*	.68	.15	1.35	3.22	29.58		65.03
	7345	4CE	.81	1.58	3.43	4.69	42.15		47.34	*	.69	.76	3.07	3.65	30.19		61.65
	7346	4H14	.75	5.89	8.94	14.94	19.89		49.58	*	.63	2.76	7.86	11.41	13.98		63.36
	7347	4G4	.43	5.77	12.82	1.43	46.88		32.66	*	.40	3.00	12.50	1.21	36.57		46.32
	7348	4G4	.35	5.08	9.84	.98	58.06		25.69	*	.34	2.78	10.09	.87	47.62		38.31
	7349	4E46	.40	4.50	6.86	1.13	81.29		5.81	*	.46	2.86	8.15	1.17	77.31		10.05
	735C	4E46	.58	5.08	9.84	1.05	61.29		22.16	*	.58	2.84	10.33	.96	51.46		33.83
	7351	4G4	.32	4.85	10.58	.80	39.57		43.88	*	.28	2.36	9.65	.64	28.87		58.20
	7352	5A16	.29	3.23	5.67	1.29	22.80		66.73	*	.22	1.39	4.57	.90	14.70		78.22
	7353	4G4	.38	6.58	15.95	1.79	34.62		40.67	*	.33	3.24	14.74	1.44	25.59		54.66
	7354	4E46	.69	5.89	10.73	2.80	71.40		8.49	*	.76	3.63	12.42	2.82	66.08		14.28
	7355	4G4	.32	9.35	18.93	2.15	41.29		27.95	*	.30	5.00	18.97	1.88	33.10		40.74
	7356	4E4	.32	10.39	21.02	3.62	51.40		13.25	*	.33	6.13	23.25	3.48	45.48		21.32
	7357	4G4	.69	7.04	18.78	1.73	43.23		28.52	*	.66	3.73	18.64	1.49	34.39		41.17

DRILL HOLE : FAGU167
NORTHING : 904,740.3
EASTING : 592,481.4
ELEVATION : 1,176.9
TOTAL DEPTH : 61.8
SECTION : W 64
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS ORE-SAMPLES: 15
NOS DOWN-H-SURVEYS: 1
NOS DOWN-H-LITHOLOGY: 35
NOS DOWN-H-STRUCTURE: 11
NOS DOWN-H-FAULTS: 11
NOS DOWN-H-SPLINES: 1
NOS COMPOSITES: 0

DDH: FAGU167 UTM-N: 904,740.3 UTM-E: 592,481.4 UTM-ELEV: 1,176.9 TOTAL DEPTH: 61.8 SECTION: W 64
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

----DEPTHS--- FROM	TO	SAMPLE NO.	INT.	REC.	ROCK UNIT	S.G. PULP	ASSAYS CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
.9	1.8	07343	.9	.9	4CE		.25	.21	.75	9.00											
1.8	4.0	07344	2.2	1.9	4CE	3.54	.28	.28	1.03	19.00		.96	2	19	22						
4.0	6.1	07345	2.1	2.1	4CE	3.61	.28	1.37	2.30	33.00		1.99	2	19	22						
11.6	12.8	07346	1.2	1.2	4H14	3.50	.26	5.10	6.00	84.00		1.51	9	9	18						
32.2	34.4	07347	2.2	1.3	4G4	4.26	.15	5.00	8.60	76.00		.75		21	22						
34.4	36.6	07348	2.2	2.1	4G4	4.83	.12	4.40	6.60	68.00		1.03		27	27						
36.6	38.3	07349	1.7	1.7	4E46	4.71	.14	3.90	4.60	60.00		1.92		37	38						
38.3	40.0	07350	1.7	1.5	4E46	4.57	.20	4.40	6.60	87.00		1.44		28	29						
40.0	42.1	07351	2.1	2.1	4G4	4.54	.11	4.20	7.10	77.00		.96		18	18						
42.1	42.6	07352	.5	.5	5A16	3.33	.10	2.80	3.80	60.00		.96		10	11						
42.6	44.3	07353	1.7	1.7	4G4	4.51	.13	5.70	10.70	102.00		1.44	1	16	17						
44.3	45.7	07354	1.4	1.4	4E46	4.46	.24	5.10	7.20	79.00		1.65	1	33	34						
45.7	46.2	07355	.5	.5	4G4	4.53	.11	8.10	12.70	139.00		1.10	1	19	20						
46.2	48.1	07356	1.9	1.5	4E4	4.29	.11	9.00	14.10	149.00	133.00	1.58	2	23	26						
48.1	49.2	07357	1.1	.9	4G4	4.26	.24	6.10	12.60	101.00		1.85	1	20	21						
WEIGHTED AVERAGE																					
.9	6.1		5.2	4.9		2.95	.27	.70	1.49	22.92		1.20	2	16	18						
11.6	12.8		1.2	1.2		3.50	.26	5.10	6.00	84.00		1.51	9	9	18						
32.2	49.2		17.0	15.2		4.46	.14	5.27	8.50	88.59	14.86	1.32	1	24	25						

DDH: FAGU167 UTM-N: 904,740.3 UTM-E: 592,481.4 UTM-ELEV: 1,176.9 TOTAL DEPTH: 61.8 SECTION: W 64
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	47.100	224.400

DDH: FAGU107 UTM-N: 904,740.3 UTM-E: 592,481.4 UTM-ELEV: 1,176.9 TOTAL DEPTH: 61.8 SECTION: W 64
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
0.9	0C01	#		0.5-	1
1.8	0C02	4CE	BXA	0.5-	1
6.1	0C03	4C0	&5 & SER. (4E1) (4DC)	0.5-	1
7.3	0C04	3GC		0.5-	1
9.5	0C05	5B20	[5A0] (5B26)	0.5-	1
10.7	0C06	4LC	(5546) [3G STR?]	0.5-	1
11.2	0C07	5B6		0.5-	1
11.6	0C08	4L1		0.5-	1
12.8	0C09	4H14	(4D0 SER) (4A4 PHYLL)	0.5-	1
13.2	0C10	3GC		0.5-	1
14.0	0C11	5A1		0.5-	1
14.7	0012	3GC		0.5-	1
15.4	0013	4LC	&1 (4H1 &$ & SER.)	0.5-	1
21.1	0014	3GC9	&8 (3G4$) MINOR	0.5-	1
22.5	0015	5D4$		0.5-	1
24.0	0016	5B62	(5D6)	0.5-	1
25.9	0C17	3GC	&9 (3G4)	0.5-	1
27.4	0C18	5D&$		0.5-	1
28.4	0019	5B46	(4L0) (5A6)	0.5-	1
30.8	0020	3GC	&9	0.5-	1
32.2	0C21	5A6	&1	0.5-	1
36.6	0C22	4G4	(4E46)	0.5-	1
40.0	0C23	4E4	&6 (4G4)	0.5-	1
42.1	0C24	4G4	(4E46)	0.5-	1
42.6	0C25	5A16	(10Q0)	0.5-	1
43.6	0C26	4G4		0.5-	1
44.3	0C27	4G4	(4E846)	0.5-	1
45.7	0028	4E4	&6 &7 &5	0.5-	1
46.2	0029	4G4	(4J6)	0.5-	1
48.1	0C30	4E4	&5 (5C4*) MINOR	0.5-	1
49.2	0C31	4G4	(4L14) MINOR	0.5-	1
49.5	0032	5B6		0.5-	1
55.7	0033	5A3		0.5-	1
56.4	0034	5B6		0.5-	1
61.8	0035	5A3	[5B20]	0.5-	1

DDH: FAGU167 UTM-N: 904,740.3 UTM-E: 592,481.4 UTM-ELEV: 1,176.9 TOTAL DEPTH: 61.8 SECTION: W 64
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	S0 DIRECT	S1 ANGLE	S1 DIRECT	S2 ANGLE	S2 DIRECT	RFE CDE	DHDC	SDC	PROCESS
FAGU167	0.0	1.5	CS2		0	0	0	0	64	230	0	1	1	1
FAGU167	0.0	7.6	CS2	M	0	0	0	0	53	230	0	1	1	1
FAGU167	0.0	13.7	CS2	R	0	0	0	0	83	230	0	1	1	1
FAGU167	0.0	19.5	CS2	R	0	0	0	0	70	230	0	1	1	1
FAGU167	0.0	25.0	CS2	S	0	0	0	0	76	230	0	1	1	1
FAGU167	0.0	31.5	CS2	S	0	0	0	0	54	230	0	1	1	1
FAGU167	0.0	37.0	PS2	P	0	0	0	0	75	230	0	1	1	1
FAGU167	0.0	43.0	PS2	P	0	0	0	0	70	230	0	1	1	1
FAGU167	0.0	48.5	PS2	P	0	0	0	0	70	230	0	1	1	1
FAGU167	0.0	54.8	CS2	M	0	0	0	0	55	230	0	1	1	1
FAGU167	0.0	61.8	CS2	M	0	0	0	0	55	230	0	1	1	1

DDH: FAGU167 UTM-N: 904,740.3 UTM-E: 592,481.4 UTM-ELEV: 1,176.9 TOTAL DEPTH: 61.8 SECTION: W 64
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
FAGU167	0.1	0.9	N		0	0	0	0	0	0	1
FAGU167	0.9	1.8	X		0	0	0	0	0	0	1
FAGU167	3.1	7.3	T		0	0	0	0	0	0	1
FAGU167	0.0	11.6	1G		0	0	99	999	0	0	1
FAGU167	0.0	12.2	G		0	0	0	0	0	0	1
FAGU167	0.0	28.4	1G		0	0	0	0	0	0	1
FAGU167	30.8	31.0	G		0	0	0	0	0	0	1
FAGU167	0.0	48.1	R		0	0	0	0	0	0	1
FAGU167	49.2	49.5	3G		0	0	99	999	0	0	1
FAGU167	52.8	53.0	D?		0	0	0	0	0	0	1
FAGU167	59.0	59.4	RG		0	0	0	0	0	0	1

DDH: FAGU167 UTM-N: 904,740.3 UTM-E: 592,481.4 UTM-ELEV: 1,176.9 TOTAL DEPTH: 61.5 SECTION: W 64
RFE: 52 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGU167	1	1

**THIS REPORT WAS REQUESTED BY: LEEP .GEOLOGY AT: 11:06:03

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: FAGU167

Project: Grum Relog

Location: Vangorda Plateau 64W

Claim:

UTM ~~Terr.~~ Plane Co-ords.: 6904740.3 N

conversion 3K-A surveyed grid co-ords

592481.4 E

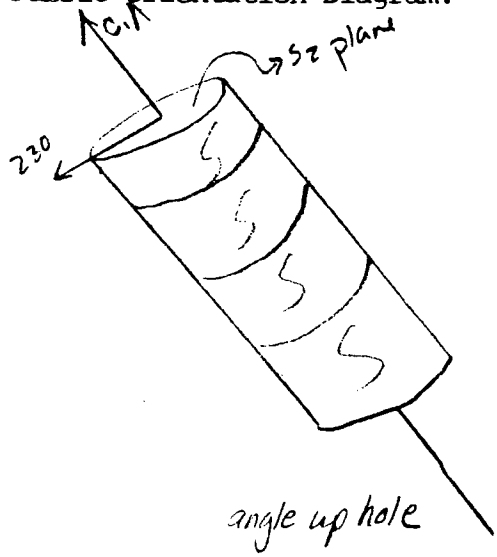
Grid Co-ords.: 64W

ZN

Elevation: 1176.9

Total Depth: 61.8m

Fabric Orientation Diagram:



All ~~symmetry~~ determinations looking

NW with Sz dipping

SW with dip azimuth 230.

Purpose: DEFINITION - GRUM DEPOSIT.

Re

Logged by: GAG Date(s) Logged: July 20, 21, 1981

Drilling Contractor: CAMIRON McCUTCHEON Core:

Size	From	To
BQ	0	61.8

Collar Cased and Capped: ____

Started: 9/1/76 Completed: 9/2/76

Cyprus Anvil Mining Corp.
Diamond Drill Core Log

DDH ~~FAGU167~~ 2 8

Code	Drillhole	Elevation	Northing	Easting	Comments
	2 8	10 16	17 24	25 32	34 48
T	FAGU167	1171.9	9047401.3	592481.A	METRES

224.4 for True North

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
	2 8	10 14	22 26	28 32	34 56
R	FAGU167	00	47.1	222.9	ATCOLLAR
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	

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

DDH EAG-167

UNITS + MEMBERS.

Cyprus Anvil Mining Corp.

Lithologic Log

Date: 21 July 81 Logged By: GG

Code	From	To	Recov.	No.	Unit	Description	H/W CNT TYPE	H/W CNT #
1	10 14	16 20	22 24	26 28	30 34	35		
						* NOTE - THIS HOLE DRILLED UPWARDS FROM MINE DRIFT;		
L	10					1½ RECOVERY;	—	
L	10					BRECCIA - 45% + 45% CLASTS	~	5
						" CLASTS RE-WELDED		
						MINERALIZATION - REPLACEMENT		
L	1	6	1			± (minor S, GAL)	PP, FP	11/5
						" (minor AL(1))		
						+ (minor CPC - DISSEM; H/(v))		
L		7	3		3G12	WALL TEXTURE		1
						" LOSS ON IGNITION		
L	7	9		5		- SILICIC ALT'N	GRADES	
						+ (CTB2)		
L	0				AL0	+ (STR) - 3% VF		1
						- SILICIC ALT'N - SIDE		
L								
L			6					
L								
						+ (CTB2 - CPY)		
						+ (ANH - SILICIFICATION - 11.6-12%)		
						- N.S. - SILICIFICATION →		
						DENSITY		
L		2				- SILICIC ALT'N	- GRADE TEXTURE	PP, FP 11/5
L	13	14		11	5AL	- ANH - VC SILICIFICATION - CONTACT	10 cm GAUGE	
						PP - (1)		
L	14	17	7	12	3G3			
L	14	15	4	13	AL	±1 + (AL + SPC ± *DOLO (minor) - @ 30cm H/(v))	S = 3.5%	24/35 SAM
L						±1 (minor S)	GRADES	
						+ (minor SILICIFICATION - CONTACT @ 5.7m)		
L	15	16		14	5D4L	+ (ANH - SILICIFICATION - CONTACT)		

DDH _____ (2 – 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Page 1 of 6

Date: 21 Jan '81 Logged By: GG

Code	From	To	Recov.	No.	Unit	Description	H/W CNT TYPE	%
1	10 14	16 20	22 24	26 28	30 34	35		
L	215	240		16	5B62	+(5DG)		1%
L	240	259		17	3642	+(3642) ±9;	1cm QZ VN 1%	
L	259	274		18	5D?1	+ ANK · DOLO + SER-CHLORITE LAMS	GRADES TO 1cm.	1%
						+(5?1 ±9 = P?) → [5=1%		
	27[illegible]	[illegible]		[illegible]	[illegible]	+(4E64) = [illegible]		
	[illegible]	[illegible]		[illegible]	3642	±9;	~1cm QZ 1%	
	[illegible]	[illegible]		[illegible]	5F?1	±1	~1cm QZ VN	
	[illegible]	[illegible]		[illegible]	[illegible]	ORANGE STAIN + ANK TYPE		
						+(4E64) - (minor ANK CLOTS)		
	[illegible]	[illegible]		[illegible]	4E64	±6 - LONG E ORANGE STAIN + DU	SCHISTOSE + DU	
						+ [illegible] + minor ANK CLOTS	1 QZ-CB VN 2cm - 1%	
	[illegible]	[illegible]		[illegible]	[illegible]	[illegible] - 4% - 2% TRACE	~2cm 1% VN. DU	
						+1 = A		
	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]		
	[illegible]	[illegible]		[illegible]	[illegible]	[illegible] TRACE		
	[illegible]	[illegible]		[illegible]	[illegible]	+(4E864 D 20cm F/M) HUNKY + TRED SCHIST 30%		
	[illegible]	[illegible]		[illegible]	[illegible]	[illegible] +7±5		
	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]		
						[illegible] HA		
	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]		
						+[illegible]		
				I		[illegible]		
	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]		
						+(4L14 & H) [illegible]		
						[illegible]		
	[illegible]	[illegible]		[illegible]	[illegible]	±1 - [illegible]		
						[illegible]		
	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]		
						[illegible]		
						[illegible]		
						[illegible]		
						[illegible]		
						[illegible]		
						[illegible]		
	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]		
						[illegible]		
						[illegible]		
						+G[illegible]		

DDH EAGU167 (2 8)

Cyprus Anvil Mining Corp.

Structural Log

Date: 21 July/81 Logged By: GG

UNITS = METRES.

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
S		11.5	CLS2				64/230	S-BANDING IN UNBRECCIATED
								ZONE;
S		17.6	CLS2	M			53	REVERSING S/Z
S		113.7	CLS2	R			83	
S		119.5	CLS2	R			70	R+M → REVERSING S/Z WHERE
								DISCERNABLE;
S		125.0	CLS2	S			76	
S		131.5	CLS2	S			54	F_4 @ 33/180°
S								GOUGE CWT?
S		137.0					75	S-BANDS.
S		143.0					70	"
S		148.5					70	"
S		149.2					73	GOUGE $\parallel S_2$.
S		159.8		M			55	-
S		161.8		M			55	
S		159.0						GOUGE. CWT?
								END OF HOLE @ 61.8m

DDH FAGU-81-67 Cyprus Anvil Mining Corp

Page 6 of 6

Logged by GG

ASSAY LOG (SAMPLER'S COPY) Date 22 Jun/81 Sampled by

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
P	109	118	713413	10 9	11 0	4C01	BRECCIA.
P	118	140	713414	12 2	11 9	4C01	
P	140	161	713415	12 1	12 3	4C01	
P	1116	1128	713416	11 2	11 3	A1H1A	+(4DA)
P	13122	13144	713417	12 2	11 3	4G41	+(4E64)
P	13144	13166	713418	12 2	12 1	AG41	+(4E64)
P	13166	13183	713419	11 7	11 8	A1E41	±6
P	13183	14100	713510	11 7	11 5	4E41	±6
P	14100	14121	713511	12 1	12 3	4G41	+(4E64)
P	14121	14126	713512	10 5	10 5	5A116	+ QZ VEIN (50%)
P	14126	14143	713513	11 7	11 7	4G41	+(4G864)
P	14143	14157	713514	11 4	11 6	A1E41	±6±7±5
P	14157	14162	713515	10 5	10 5	AG41	+(4J6)+(4E4-POROUS)
P	14162	14181	713516	11 9	11 5	A1E41	±5 +(5C*)
P	14181	14192	713517	11 1	10 9	AG41	
							END OF HOLE @ 61.8m.

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

DDH FAGU167 (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	0 1	0 9	M					
F	0 9	1 8	X					
F	3 1	7 3	T					
F		11 6	IG			99 999		
F		13 2	G					
F		28 4	IG					
F	30 8	31 0	G					
F		48 1	R					
F	49 2	49 5	3G			99 999		
F	52 8	53 0	D?					
F	59 0	59 4	RG					

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

DIAMOND DRILL RECORD

LOGGED BY ALEXANDER YOUNG-PO

D.D.H. Nº 76-U-167 PAGE 1

PROPERTY GRUM JOINT VENTURE

LATITUDE 2N STARTED SEPTEMBER 1, 1976

DEPARTURE 64W COMPLETED SEPTEMBER 2, 1976

ELEVATION PROPOSED DEPTH

ULTIMATE DEPTH 203' - 61.8m

HOLE SURVEY:		
DEPTH	BEARING	DIP
COLLAR	224°	+38°

CLAIM Nº

N

DIRECTION AND DISTANCE FROM N.E. CLAIM POST

TOTAL CORE RECOVERY: 93%

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	6.1	QUARTZ-SULFIDE (P). Competent. Foliation = 55-65°. 25 3	1.8	4891	0	3.0	3.0	0.15	0.78	7.20					
		0-1.6: Sulfide bx (PXq). Ø = 1mm - 1cm. angular to 30 4	1.4	4892	3.0	4.6	1.6	0.78	1.28	22.29					
		sub-rounded sulfides cemented by quartz. 30 4	1.5	4893	4.6	6.1	1.5	1.63	2.68	29.14					
		2.5-3.0: Graphite as thin laminae (PG). Foliation = 70°.													
		6.1: Sharp wavy contact with Graphitic Sericite Phyllite													
		(SG) = 80°.													
6.1	13.7	GRAPHITIC SERICITE PHYLLITE (SG). Very fissile. Core breaks	5.1		6.1	11.6	5.5								
		easily to poker chips/flakes.													
		F = 70-75°; F is perpendicular to F .													
		2 1 2													
		9.5-10: Bleached Sericite Phyllite (Sb). Silvery white with													
		thin buff laminae. Foliation = 80°.													
		11.6-12.7: Quartz-sulfide interval with wide sulfide 45 8	1.0	4894	11.6	12.7	1.1	5.89	7.30	84.69					
		band. Banding = 75° (Po+Mgtt/quartz/Py-Sph-Gal).													
		First contact = 80°; 2nd - broken core - shear.	1.0		12.7	13.7	1.0								
		13.7: Gradual change to Sericite Phyllite (S).													

LOGGED BY _____ D.D.H. NO 76-U-167 PAGE 2

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
13.7	21.2	DARK SERICITE PHYLLITE (S). Fissile. Breaks into poker chips. Foliation = 50-55°; F_1 is perpendicular to F_2. 21.2: Gradual change to Chlorite Phyllite Unit (C).	7.0		13.7	21.2	7.5								
21.2	22.5	CHLORITE UNIT WITH TRACE CALCITE (C+K). Competent. Green and white stripes. F_2 = 50°; F_1 = 0-5°. Chlorite marking F_1 folds. 22.5: Sharp contact with Sericite Phyllite with Trace of Graphite (S+G) = 70°.	1.3		21.2	22.5	1.3								
22.5	25.6	SERICITE PHYLLITE WITH TRACE GRAPHITE (S+G). Competent. F_2 = 75-80°; F_1 = 0-5°. 25.6: Gradual change to Bleached Sericite-Chloritic Phyllite (Sbc).	3.0		22.5	25.6	3.1								
25.6	28.0	BLEACHED SERICITE-CHLORITIC (Sbc) PHYLLITE. Competent. Buff with green stripes/spots. F_2 = 65°; F_1 = F_2 @ 25.9. Foldnose closure at 26.1 with sulfides in the core. 28.0: Abrupt change to Dark Sericite Phyllite with trace of Graphite.	2.4		25.6	28.0	2.4								
28.0	32.2	DARK SERICITE PHYLLITE WITH TRACE GRAPHITE (S+G).	4.0		28.0	32.0	4.0								

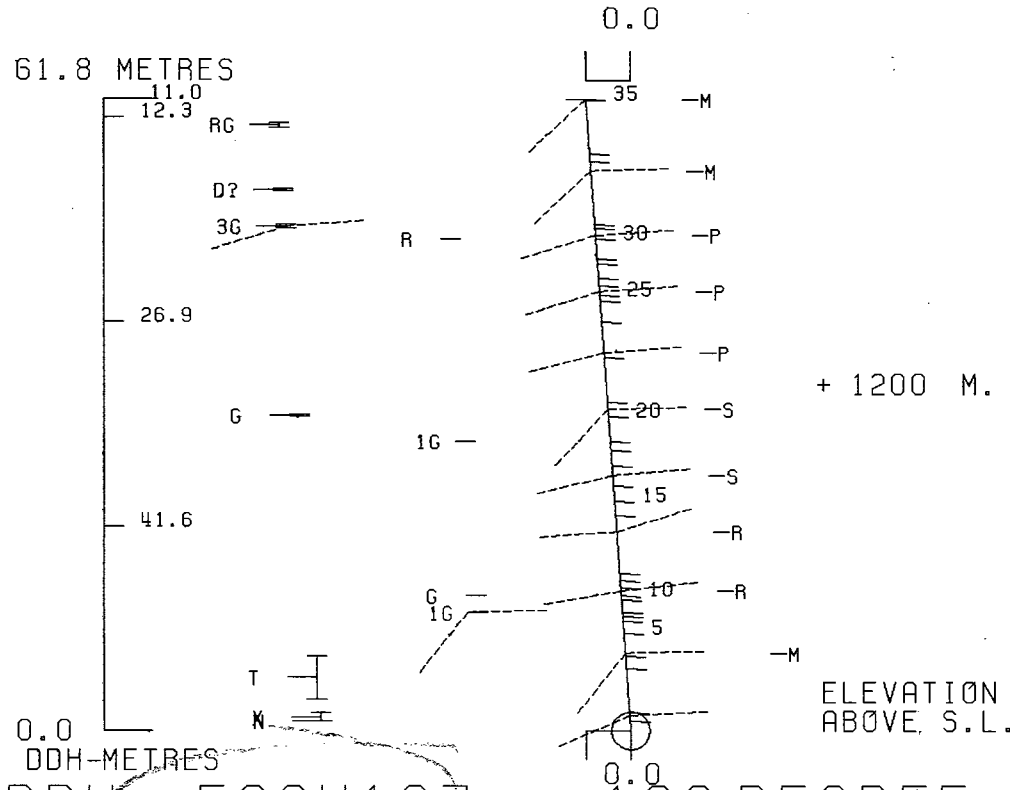
LOGGED BY _____ D.D.H. NO 76-U-167 PAGE 3

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
		Fissile, breaks easily into blocks/chips. F_2 = 70-75°; F_1 =													
		5-10°.													
		32.2: Shear contact with Massive Sulfides (M). Plane = 80°													
32.2	48.8	MASSIVE SULFIDE WITH POROUS, BANDED AND BARITE-IN 60 10	1.4	4895	32.0	33.5	1.5	5.40	9.79	73.71			8.10	14.69	110.57
		GROUNDMASS VARIETIES (MV, MB, Mb). Competent. 60 15	1.6	4896	33.5	35.1	1.6	4.73	6.76	68.57			7.57	10.82	109.71
		Compositional banding = 65° @ 33-34; 30° @ 35.1-37; 50 10	1.5	4897	35.1	36.6	1.5	4.65	7.92	68.57			6.98	11.88	102.86
		65-70° @ 39.4-42. Barite in groundmass @ 35.1-36; 60 8	1.5	4898	36.6	38.1	1.5	4.05	4.25	69.60			6.08	6.38	104.4
		39.6-42. 65 12	1.5	4899	38.1	39.6	1.5	4.58	6.41	82.63			6.87	9.62	123.95
		33.6-33.7: Chlorite unit. Contacts both clean and 50 7	1.5	4900	39.6	41.1	1.5	3.80	6.24	66.51			5.70	9.36	99.77
		sharp = 85°. 45 7	1.3	021B	41.1	42.7	1.6	4.30	6.93	73.71			6.88	11.09	117.94
		39.3-39.4: Bleached Phyllite (Sb) with prominent 50 7	1.3	022B	42.7	44.2	1.5	6.00	10.81	87.77			9.00	16.22	131.66
		fuchsite laminae. Foliation = 70°. Con- 70 8	1.4	023B	44.2	45.7	1.5	5.40	6.74	70.63			8.10	10.11	105.95
		tacts clean and sharp = 85°. 65 12	1.2	024B	45.7	47.2	1.5	8.70	13.62	124.1			13.05	20.43	186.18
		42.3-42.6: Graphitic Phyllite unit. Foliation = 45°. 70 12	1.3	025B	47.2	48.8	1.6	7.03	14.77	104.9			11.25	23.63	167.87
		Contacts broken ground.													
		46-46.5: Porous variety. Voids = 75°.		W.Av.	38.1	42.7	4.6	4.23	6.54	74.27			19.45	30.07	341.66
		46.7-46.9: Bleached Phyllite. Buff with prominent fuchsite.		W.Av.	42.7	48.8	6.1	6.79	11.54	96.99			41.40	70.39	591.66
		Foliation = 65°. Contacts = 65°.		W.Av.	32.0	48.8	16.8	5.33	8.59	81.00			89.58	144.23	1360.9
		48.8: Shear contact with Graphitic Phyllite (G).													
		Plane = 85°.													

LOGGED BY _____ D.D.H. NO 76-U-167 PAGE 4

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
48.8	61.8	GRAPHITIC PHYLLITE (G). Fissile, breaks easily into poker chips. Trace of calcite. F_2 = 75-80°; F_1 = 0-5°. Series of small F_1 fold noses. Sporadic Po blebs with Py.	12.5		48.8	61.8	13.0								
	61.8	END OF HOLE.													

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 21 NOV 1984 3:31 PM



DDH: FAGU167 -- 132 DEGREE PROFILE

(VIEW AZIMUTH = 42 DEGREES)

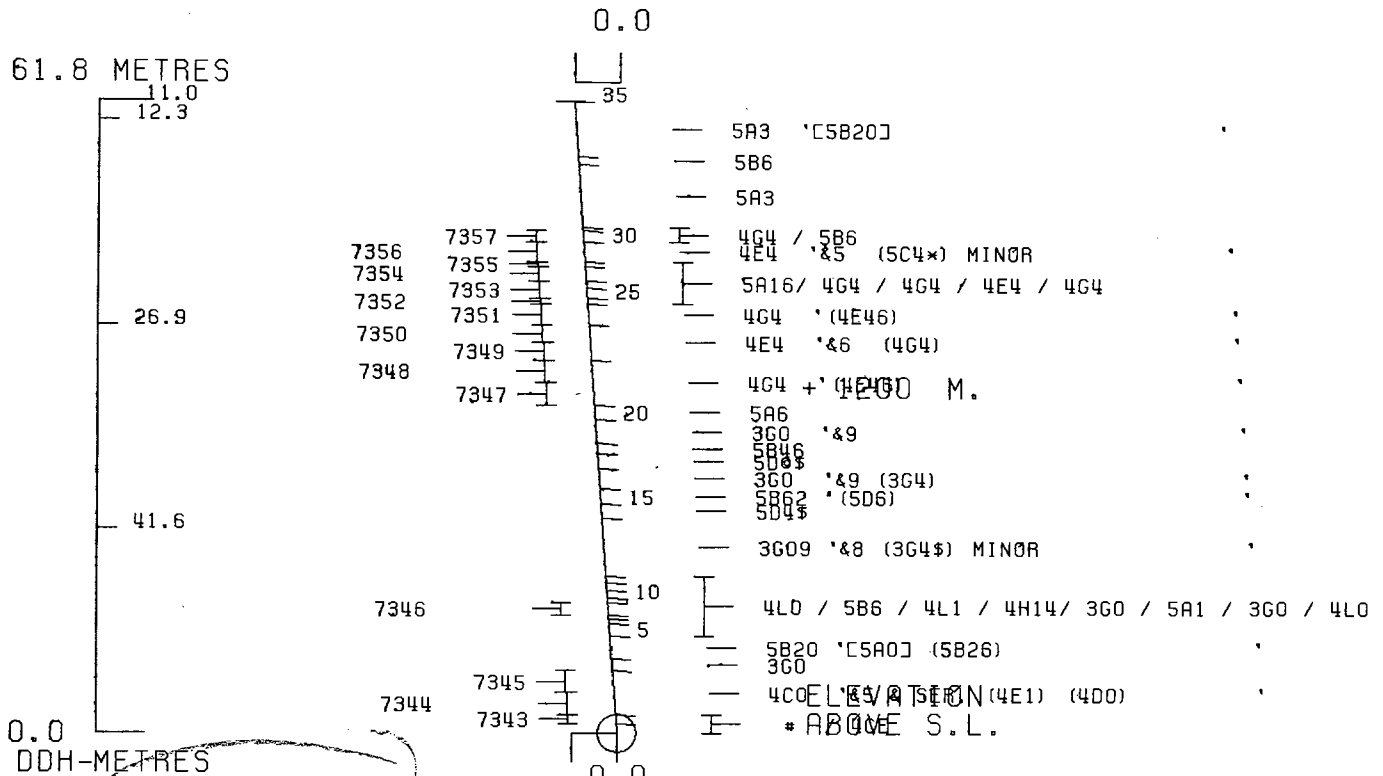
ELEV: 1177 592481E ; 904740N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 758.1 Z = 1176.9

SECTION NAME: 00N

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 21 NOV 1984 3:30 PM



DDH: FAGU167 -- 132 DEGREE PROFILE

(VIEW AZIMUTH = 42 DEGREES)

ELEV:1177 592481E ; 904740N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 758.1 Z = 1176.9

SECTION NAME: 00N

OCH	SAMPLE	ROCK UNIT	NORMATIVE MINERALS - WEIGHT % CPY	GA	SP	PO	PY	BAR	OTHER	*	NORMATIVE MINERALS - VOLUME % CPY	GA	SP	PO	PY	BAR	OTHER
FAGU173	7138	4CE	1.01	1.59	5.37	6.75	41.5C		43.78	*	.88	.77	4.88	5.34	30.21		57.93
	7139	4CL	.43	.24	.67	6.59	19.35		72.71	*	.32	.1C	.52	4.47	12.C8		82.50
	714C	4A31	.17	.61	1.21	2.39	9.46		86.15	*	.12	.24	.88	1.52	5.54		91.70
	7141	5AO	.14	.31	.67				98.87	*							
	7142	5BO	.03	.01	.03				99.93	*							
	7143	4AC	.32	.37	1.07				98.24	*							
	7144	4AO	.35	.06	.57				98.83	*							
	7145	4AO	.61	.21	.40				98.78	*							
	7146	4AO	.2C	.07	.09				99.64	*							
	7147	4L1?	.03	.02	.01				99.93	*							
	7148	4AO	.26	1.12	.34				98.28	*							
	7149	4E8	.2C	.05	.03				99.72	*							
	715C	4GL	.32	1.82	2.61	7.12	30.75		57.37	*	.26	.82	2.21	5.24	20.83		70.64
	7151	4L13	.09	.01	.04				99.86	*							
	7152	4A3	.58	.18	.30				98.94	*							
	7153	4EO	.29	.52	.58				98.61	*							
	7154	4EL8	.52	1.61	2.04	11.07	36.19		48.57	*	.44	.76	1.81	8.55	25.71		62.73
	7155	4E81	.29	.58	.58	12.90	58.49		27.16	*	.28	.31	.59	11.36	47.42		40.04
	7156	4LO	.52	1.2C	1.83	8.18	21.07		67.19	*	.40	.51	1.47	5.70	13.52		78.39
	7157	4A3	.26	.22	.69				98.83	*							
	7158	4AE	.26	.16	.36				99.22	*							
	7159	4AE	.06	.03	.12				99.79	*							

DDH	SAMPLE	----DEPTHS--- FROM	TO	INT M	REC %	ROCK UNIT	S.G.	CU %	PB %	ZN %	AG G/MT	AU G/MT	PO %	PY %	BAO %	PB+ZN %	PO+PY %	ZN RATIO
FAGU173	7138	.0	3.0	3.0	20	4DE	3.59	.35	1.38	3.60	32.0	1.03	4.29	19.30		4.98	23.59	.72
	7139	13.8	15.8	2.0	75	4CL	3.07	.15	.21	.45	6.0	.41	4.19	9.00		.66	13.19	.68
	7140	15.8	18.3	2.5	36	4A31	2.90	.06	.53	.81	8.0	.41	1.52	4.40		1.34	5.92	.60
	7141	18.3	20.0	1.7	41	5A0		.05	.27	.45	7.0					.72		.63
	7142	20.0	20.8	.8	63	5B0		.01	.01	.02	2.0					.03		.67
	7143	20.8	22.8	2.0	90	4AC		.11	.32	.72	8.0					1.04		.69
	7144	22.8	24.8	2.0	95	4A0		.19	.05	.38	2.0					.43		.88
	7145	24.8	26.9	2.1	62	4A0		.21	.18	.27	6.0					.45		.60
	7146	26.9	29.0	2.1	43	4A0		.07	.06	.06	3.0					.12		.50
	7147	29.0	31.5	2.5	84	4L1?		.01	.02	.01	2.0					.03		.33
	7148	31.5	34.5	3.0	83	4A0		.09	.97	.23	20.0					1.20		.19
	7149	34.5	37.0	2.5	100	4E8		.07	.04	.02	50.0					.06		.33
	715C	37.0	39.1	2.1	95	4GL	3.39	.11	1.58	1.75	27.0	.48	4.53	14.30		3.33	18.83	.53
	7151	39.1	40.1	1.0	90	4L13		.03	.01	.03	3.0					.04		.75
	7152	40.1	41.2	1.1	100	4A3		.20	.16	.20	12.0					.36		.56
	7153	41.2	42.4	1.2	92	4E0		.10	.45	.39	16.0					.84		.46
	7154	42.4	45.7	3.3	97	4EL8	4.37	.18	1.39	1.37	35.0	.41	7.04	16.83		2.76	23.87	.50
	7155	45.7	47.4	1.7	100	4E81	4.53	.10	.50	.39	20.0	.55	8.20	27.20		.89	35.40	.44
	7156	47.4	49.4	2.0	90	4LD	3.60	.18	1.04	1.23	23.0	2.81	5.20	9.80		2.27	15.00	.54
	7157	49.4	51.8	2.4	46	4A3		.09	.19	.46	9.0					.65		.71
	7158	51.8	54.1	2.3	78	4AE		.09	.14	.24	7.0					.38		.63
	7159	54.1	56.4	2.3	70	4AE		.02	.03	.08	4.0					.11		.73

DRILL HOLE : FAGU173

NORTHING : 904,693.9

EASTING : 592,520.2

ELEVATION : 1,182.2

TOTAL DEPTH : 57.9

SECTION : W 62

R.F.E. : S2

RFE DIRECTION: 230

PLUNGE ANGLE : 11

PLUNGE DIRECT: 312

CHD CALC: 1

SS CALC: 1

DETAIL RECORD COUNTS:

NOS ORE-SAMPLES: 22

NOS DOWN-H-SURVEYS: 1

NOS DOWN-H-LITHOLOGY: 21

NOS DOWN-H-STRUCTURE: 8

NOS DOWN-H-FAULTS: 11

NOS DOWN-H-SPLINES: 1

NOS COMPOSITES: 0

DDH: FAGU173 UTM-N: 904,693.9 UTM-E: 592,520.2 UTM-ELEV: 1,182.2 TOTAL DEPTH: 57.9 SECTION: W 62
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTHS FROM	DEPTHS TO	SAMPLE NO.	INT.	REC.	ROCK UNIT	ASSAYS S.G. PULP	CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
.0	3.0	07138	3.0	.6	4DE	3.59	.35	1.38	3.60	32.00		1.03	4	19	23						
13.8	15.8	07139	2.0	1.5	4CL	3.07	.15	.21	.45	6.00		.41	4	9	13						
15.8	18.3	07140	2.5	.9	4A31	2.90	.06	.53	.81	8.00		.41	1	4	5						
18.3	20.0	07141	1.7	.7	5A0		.05	.27	.45	7.00											
20.0	20.8	07142	.8	.5	5B0		.01	.01	.02	2.00											
20.8	22.8	07143	2.0	1.8	4A0		.11	.32	.72	8.00											
22.8	24.8	07144	2.0	1.9	4A0		.19	.05	.38	2.00											
24.8	26.9	07145	2.1	1.3	4A0		.21	.18	.27	6.00											
26.9	29.0	07146	2.1	.9	4A0		.07	.06	.06	3.00											
29.0	31.5	07147	2.5	2.1	4L1?		.01	.02	.01	2.00											
31.5	34.5	07148	3.0	2.5	4A0		.09	.97	.23	20.00											
34.5	37.0	07149	2.5	2.5	4E8		.07	.04	.02	50.00											
37.0	39.1	07150	2.1	2.0	4GL	3.39	.11	1.58	1.75	27.00		.48	4	14	18						
39.1	40.1	07151	1.0	.9	4L13		.03	.01	.03	3.00											
40.1	41.2	07152	1.1	1.1	4A3		.20	.16	.20	12.00											
41.2	42.4	07153	1.2	1.1	4E0		.10	.45	.39	16.00											
42.4	45.7	07154	3.3	3.2	4EL8	4.37	.18	1.39	1.37	35.00	33.00	.41	7	16	23						
45.7	47.4	07155	1.7	1.7	4E81	4.53	.10	.50	.39	20.00		.55	8	27	35						
47.4	49.4	07156	2.0	1.8	4LD	3.60	.18	1.04	1.23	23.00		2.81	5	9	15						
49.4	51.8	07157	2.4	1.1	4A3		.09	.19	.46	9.00											
51.8	54.1	07158	2.3	1.8	4AE		.09	.14	.24	7.00											
54.1	56.4	07159	2.3	1.6	4AE		.02	.03	.08	4.00											
WEIGHTED AVERAGE																					
.0	3.0		3.0	.6		3.59	.35	1.38	3.60	32.00		1.03	4	19	23						
13.8	56.4		42.6	32.9		1.16	.10	.44	.49	14.29	2.55	.25	1	4	5						

DDH: FAGU173 UTM-N: 904,693.9 UTM-E: 592,520.2 UTM-ELEV: 1,182.2 TOTAL DEPTH: 57.9 SECTION: W 62
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	143.000	224.000

DDH: FAGU173 UTM-N: 904,693.9 UTM-E: 592,520.2 UTM-ELEV: 1,182.2 TOTAL DEPTH: 57.9 SECTION: W 62
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
3.0	0001	4DC	BXA (4EO) &#	0.5-	1
4.6	0002	5BC	?	0.5-	1
7.5	0003	5AO		0.5-	1
13.8	0004	5BO2		0.5-	1
15.8	0005	4CL3	[4CO (4L3) 60:40]	0.5-	1
18.3	0006	4A31	& PHYLLITIC	0.5-	1
20.0	0007	5AO	?	0.5-	1
20.8	0008	5BO	?	0.5-	1
29.0	0009	4AO	(4C SER.) MINOR	0.5-	1
31.5	0010	4L1	? [584]	0.5-	1
34.5	0011	4AO		0.5-	1
37.0	0012	4E8	& BXA	0.5-	1
39.1	0013	4GO	(5D4*) 60:40	0.5-	1
40.1	0014	4L13	[5D4*?]	0.5-	1
41.2	0015	4A3		0.5-	1
42.4	0016	4EC		0.5-	1
45.7	0017	4EL	[4E8 (4L) 50:50]	0.5-	1
47.4	0018	4E81	7 MINOR	0.5-	1
49.4	0019	4LO	?	0.5-	1
56.4	0020	4A3	(4EO)	0.5-	1
57.9	0021	4L1	[5D4*?]	0.5-	1

DDH: FAGU173 UTM-N: 904,693.9 UTM-E: 592,520.2 UTM-ELEV: 1,182.2 TOTAL DEPTH: 57.9 SECTION: W 62
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	DHOC	SDC	PROCESS
FAGU173	0.0	4.8	CS2		0	0	0	0	50	230	C	1	1	1
FAGU173	0.0	8.0	CS2		0	0	0	0	37	230	0	1	1	1
FAGU173	0.0	13.4	CS2		0	0	0	0	30	230	0	1	1	1
FAGU173	0.0	23.7	CS2		0	0	0	0	58	230	0	1	1	1
FAGU173	0.0	30.7	CS2		0	0	0	0	37	230	0	1	1	1
FAGU173	0.0	33.4	CS2		0	0	0	0	44	230	0	1	1	1
FAGU173	0.0	54.3	CS2		0	0	0	0	49	230	0	1	1	1
FAGU173	0.0	56.5	CS2		0	0	0	0	48	230	0	1	1	1

DDH: FAGU173 UTM-N: 904,693.9 UTM-E: 592,520.2 UTM-ELEV: 1,182.2 TOTAL DEPTH: 57.9 SECTION: W 62
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
FAGU173	2.9	3.0	X?			0	0	0	0	0	0	1
FAGU173	3.0	4.6	G			0	0	0	0	0	0	1
FAGU173	4.6	7.5	P	3		0	0	0	0	0	0	1
FAGU173	3.0	13.8	3BP			0	0	0	0	0	0	1
FAGU173	18.3	20.8	G			0	0	0	0	0	0	1
FAGU173	29.0	29.4	G			0	0	0	0	0	0	1
FAGU173	35.1	35.5	D?			0	0	0	0	0	0	1
FAGU173	38.3	39.1	D?			0	0	0	0	0	0	1
FAGU173	43.6	45.7	D?			0	0	0	0	0	0	1
FAGU173	48.5	49.1	D?			0	0	0	0	0	0	1
FAGU173	56.4	57.9	3B	5		0	0	0	0	0	0	1

DDH: FAGU173 UTM-N: 904,693.9 UTM-E: 592,520.2 UTM-ELEV: 1,182.2 TOTAL DEPTH: 57.9 SECTION: W 62
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGU173	1	1

CYPRUS ANVIL MINING CORPORATION

Page 1 of 7

DIAMOND DRILL CORE LOG

Date: JULY 10, 1981

Hole Number: FAG-U-173

Project: GRUM RELOG

Location: VANGORDA PLATEAU

Claim:

~~Terr.~~ UTM Plane Co-ords.: 6,904,693.9 N

592520.2 E

Grid Co-ords: 62W/2N

Elevation: 1182.2

Total Depth: 57.9 m

Purpose:

Reason hole Terminated:

Logged by: RE PN

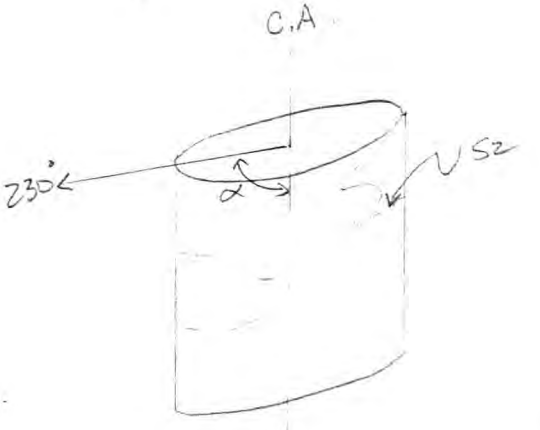
Date(s) Logged: MARCH 12, 1981

Drilling Contractor:

Hole Cemented:

Steel down hole:

Reference Fabric Orientation Diagram:



All symmetry determinations looking NW with S2 dipping

SW with dip azimuth 230°.

CORE	Size	From	To
	BQ	0	EOH

Collar Cased and Capped:

Started: SEPT. 3/81 Completed: SEPT. 4/81

Cyprus Anvil Mining Corp. Page 2 of 7

DDH FAGU173 (2–8)

Diamond Drill Core Log Date: _____ Logged By: PN

Code	Drillhole	Elevation	Northing	Easting	Units (feet/metres)	R.F.E.	
	1 2 8	10 16	17 24	25 32	34 39	41 42	
T	FAGU173	1182.2	9046939.5	525209.2	METRES	S	

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
	1 2 8	10 14	22 26	28 32	34 56
R	FAGU173	0	143.0	224.0	AT COLLAR

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

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

DDH TAU-23

Cyprus Anvil Mining Corp.

Lithologic Log Date: _____ Logged By: PV

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	0	30		001	4DCL	[bxia ??] previously sampled; difficult to determine % of each; approx. 10% PbZn; 4E bxia w/ calc. gr matx 29-30m;
L	30	46		002	5BB3L	fault gouge; no ent. attitudes;
L	46	75		003	5A10	poor recovery — 0.7/2.9 m;
L	75	138		004	5B3L2	slightly calc; minin graphite; dk. grey
L	138	158		005	4CL3	<1% PbZn; 4CD w/ 4L3 int. bands;
						4C/4L = 60/40
L	158	183		006	4A311	10% py; negligible PbZn; variably phyllitic;
L	183	200		007	5A10	fault gouge; no ent attitudes;
L	200	208		008	5B3	fault gouge; no ent attitudes;
L	208	290		009	4A14	4% PbZn; 20% py; 4CL 20.8-20.9 m
L	290	315		010	4L11	[5B4?] minin py gouge. 29.0-29.01 m
L	315	345		011	4A14	4% PbZn; 20% py
L	345	370		012	4E8	3% int; minin bxia w/ 4A pebbles 35.1-35.5m;
L	370	391		013	4L4G	4L w/ 4G int bands [5D4?] 32.0-33.2m
						4L/4G = 40/60
L	391	401		014	4L13	
L	401	412		015	4A3	negligible PbZn 20% py
L	412	424		016	4E0	few 4A inclusions
L	424	457		017	4E4	4E/4L = 50/50; 4E w/ 4L int bands + inclusions; minin int; bxia 43.6-45?
						3% PbZn;
L	457	474		018	4E81	minin po; <2% PbZn
L	474	499		019	4L0	minin 4D bands; bxia 48.5-49.1m
						<2% PbZn
L	499	566		020	4A3	2% PbZn; 4E 53.5-53.8; 55.9-56.0m
L	566	579		021	4L1	minin py stringers
		EOH				

DDH EAGU173 (2 / 8)

Cyprus Anvil Mining Corp.

Structural Log

Date: _____ Logged By: PN

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		148	CS2				510 230	
S		180	CS2				317	
S		1134	CS2				30	
S		2387	CS2				518	
S		3007	CS2				317	
S		3384	CS2				44	
S		5433	CS2				49	
S		5665	CS2				48	
		6014						

DDH EJBU-73 Cyprus Anvil Mining Corp

Page 5 of 7

Logged by PN

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

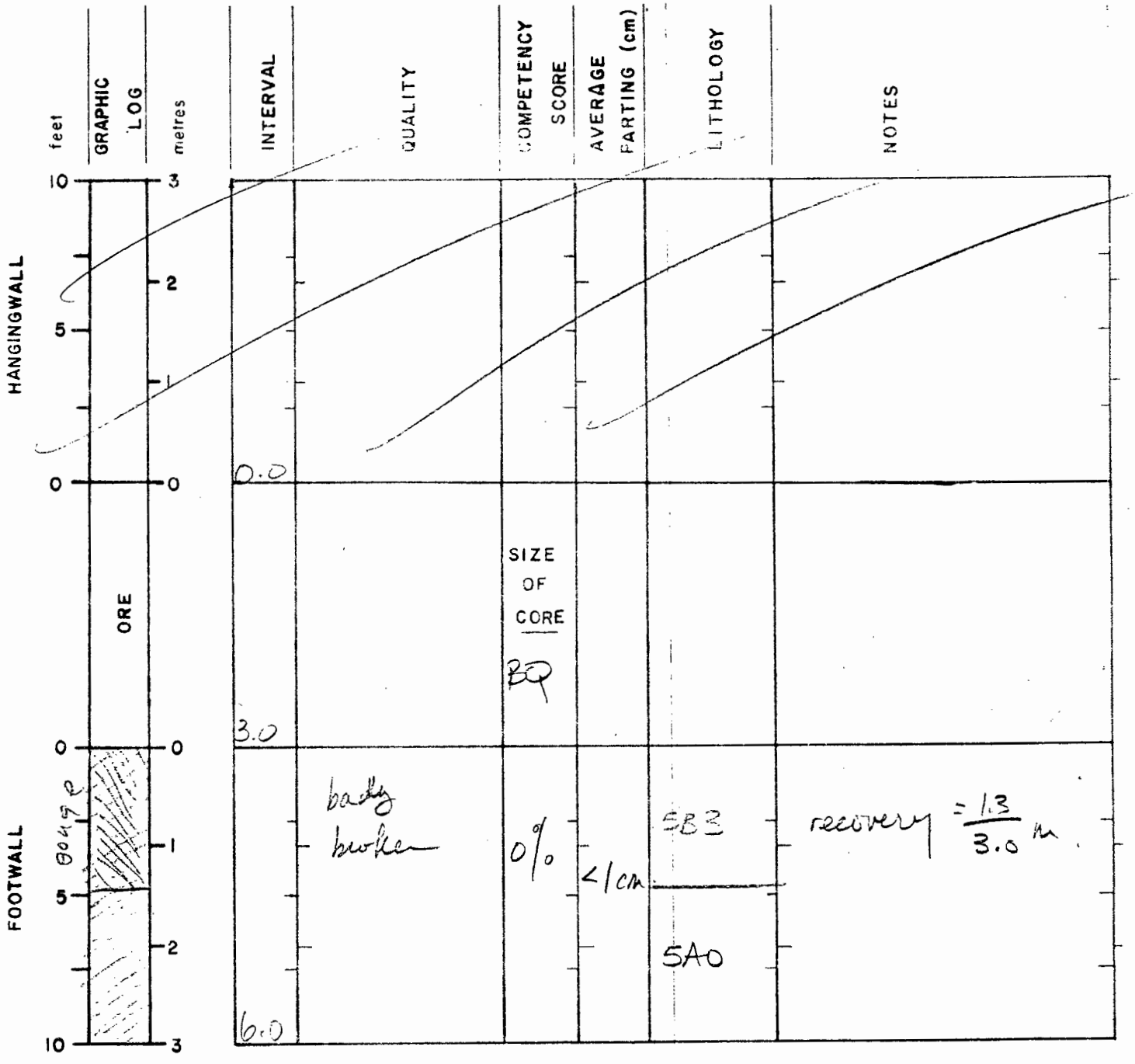
CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION	K.A.
	10 14	16 20	22 26	28 30	32 34	36 40	42	
P	100	30	71318	30	106	14D1G		91B
P	138	158	71319	20	115	14C13		92B
P	158	183	71320	25	109	14A31		93B
P	183	200	71321	17	107	15A01	ADUP2	
P	300	308	71322	08	105	15B13	DUP2	
P	208	228	71323	20	118	14A14		94B
P	228	248	71324	20	119	14A14		95B
P	248	269	71325	21	113	14A14		
P	269	290	71326	21	109	14A14		
P	290	315	71327	25	121	14L11		
P	315	345	71328	30	125	14A14		96B
P	345	370	71329	25	125	14E18		97B
P	370	391	71330	21	120	14L61		98B
P	391	401	71331	10	109	14L13		99B
P	401	412	71332	11	111	14AB1		100B
P	412	424	71333	12	111	14E01		101B
P	424	457	71334	33	132	14E14		102B, 103B
P	457	474	71335	17	117	14EB11		104B
P	474	494	71336	20	118	14L01		105B
P	494	518	71337	24	111	14AB1		106B
P	518	541	71338	23	118	14AB1		107B
P	541	564	71339	23	116	14AB1		

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

DDH- EIAGIUL73

6/7

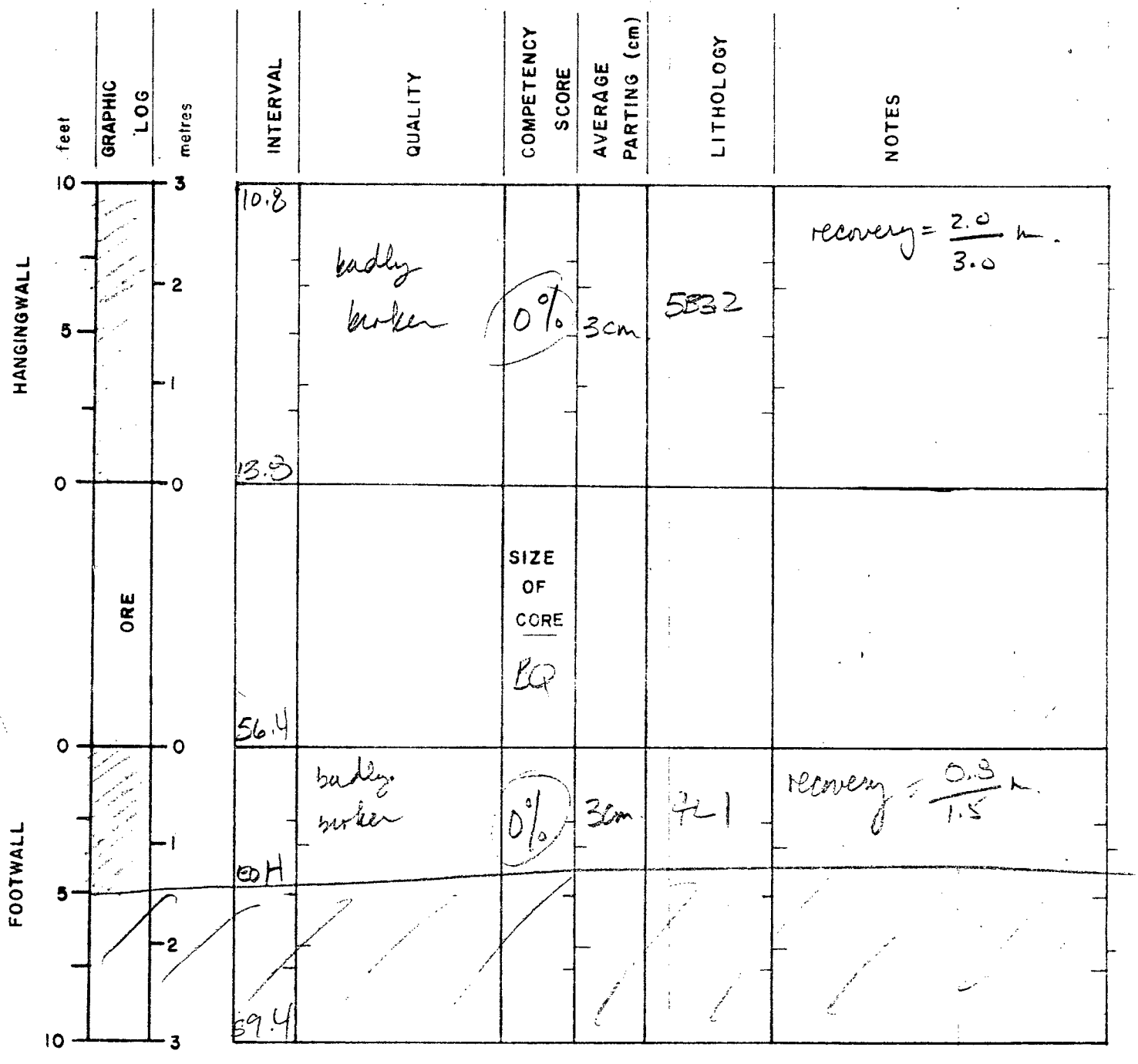
GEOTECHNICAL LOG



DDH- FIAG14-173

7/7

GEOTECHNICAL LOG



DDH FAG0173 (2 … 8) M

Cyprus Anvil Mining Corp.

Structural Log

Page _____ of _____

Date: _____ Logged By: _____

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
F	29	30	X?					
F	30	46	G					
F	46	75	A	3				
F	183	208	G					
F	2910	2946	G		35			
F	3511	~~3358~~	~~D2~~	3				
F	3833	3911	D?					
F	4366	4577	D?					
F	4855	4911	D?					
F	5644	5799	BB	S				
F	30	1388	BP					

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

DIAMOND DRILL RECORD

LOGGED BY JIM PAXTON D.D.H. Nº 76-U-173 PAGE 1

PROPERTY GRUM JOINT VENTURE CLAIM Nº

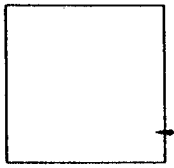
LATITUDE 62W STARTED SEPTEMBER 3, 1976

DEPARTURE 2N COMPLETED SEPTEMBER 4, 1976

ELEVATION PROPOSED DEPTH

ULTIMATE DEPTH 57.9

HOLE SURVEY:		
DEPTH	BEARING	DIP
COLLAR		-53°



DIRECTION AND DISTANCE FROM N.E. CLAIM POST

Interval From	Interval To	DESCRIPTION	Py PbZn	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
0	3.0	MASSIVE SULPHIDE (M).														
		Locally brecciated MXm.	65 10	0.6/3.0	091B	0	3.0	3.0	3.10	7.48	55.54					
3.0	4.6	FAULT GOUGE.														
		Dark gray and graphitic														
4.6	14.3	QUARTZ SERICITE GRAPHITE PHYLLITE (Sg).														
		Dark gray colour. Strong F = 45°.														
14.3	15.3	MASSIVE BANDED SULPHIDE (MB).														
		Strongly laminated pyritic and sphaleritic bands	50 6	1.0/1.0	092B	14.3	15.3	1.0	0.35	0.80	8.91					
		plus 1mm. laminae of white chert. Banding @ 40°.	20 3	1.4/3.0	093B	15.3	18.3	3.0	0.45	0.70	7.89					
15.3	16.8	GRAPHITIC QUARTZ SULPHIDE (Pg).														
		Strongly laminated (1-3mm.) @ 45°.														

LOGGED BY _____ D.D.H. NO 76-U-173 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
16.8	21.5	FAULT GOUGE.													
		Fragments of graphitic quartz sulphide in black mud.													
21.5	34.5	GRAPHITIC QUARTZ SULPHIDE (Pg).													
		Dark gray colour. Beaded granular texture with strong F													
		foliation @ 45°. 20 2	1.6/1.6	094B	21.3	22.9	1.6	0.23	0.65	5.14					
		20 3	1.4/1.5	095B	22.9	24.4	1.5	0.05	0.38	2.06					
34.5	37.5	MASSIVE SULPHIDES (MI). 20 3	1.4/1.5		24.4	25.9									
		Fine grained pyritic sulphide with sounded 2-5cm. 20 5	1.0/1.0	096B	33.5	34.5	1.0	0.10	0.08	4.11					
		inclusions of wall rock. Contacts sharp @ 45°.			34.5										
		80 6	1.9/2.1	097B		36.6	2.1	1.25	0.25	21.26					
		60 10	1.5/1.5	098B	36.6	38.1	1.5	1.70	1.40	22.29					
37.5	38.5	BLEACHED SERICITE (Sb). 20 5	1.5/1.5	099B	38.1	39.6	1.5	1.63	1.25	17.14					
		15 3	1.5/1.5	100B	39.6	41.1	1.5	0.05	0.13	4.11					
38.5	39.2	BRECCIA OF PYRITE IN A QUARTZ (MXp) PYRITE GROUNDMASS. 75 5	1.6/1.6	101B	41.1	42.7	1.6	0.55	0.33	15.09					
		75 8	1.5/1.5	102B	42.7	44.2	1.5	1.60	1.33	28.46					
		30 5	1.5/1.5	103B	44.2	45.7	1.5	2.40	2.00	47.31					
39.2	41.1	QUARTZ GRAPHITE PYRITE PHYLLITE (G-P). 75 10	1.5/1.5	104B	45.7	47.2	1.5	0.50	0.28	14.06					
41.1	48.8	MASSIVE SULPHIDE (MI).													
		Fine grained pyritic sulphides with rounded 20 5	1.6/1.6	105B	47.2	48.8	1.6	1.03	0.75	21.26					
		inclusions of sericite, quartz, and bleached sericite. 30 5	1.5/1.5	106B	48.8	50.3	1.5	1.35	1.55	19.20					

LOGGED BY _____ D.D.H. NO. 76-U-173 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
			0.0/1.5		50.3	51.8		GROUND CORE							
		20 8	1.5/2.2	107B	51.8	54.0	0.28	0.38	8.23						
48.8	53.5	GRAPHITIC PHYLLITE (G).													
		F = 10°.													
		2													
53.5	54.0	MASSIVE SULPHIDE (MI).													
		Similar to previous section. Could perhaps be (S-GXm).													
54.0	56.4	GRAPHITIC PHYLLITE (G).													
		Dark gray colour. Quartz and graphite with scattered streaks													
		of pyrite. F = 45°.													
		2													
		8.0cm. of very fine grained Massive Pyrite at 56.0-56.1.													
56,4	57.9	BLEACHED SERICITE (Sb).													
		Sheared and crumbly. F = 60°.													
		2													
	57.9	END OF HOLE.													

DDH: FAGU173 -- 132 DEGREE PROFILE

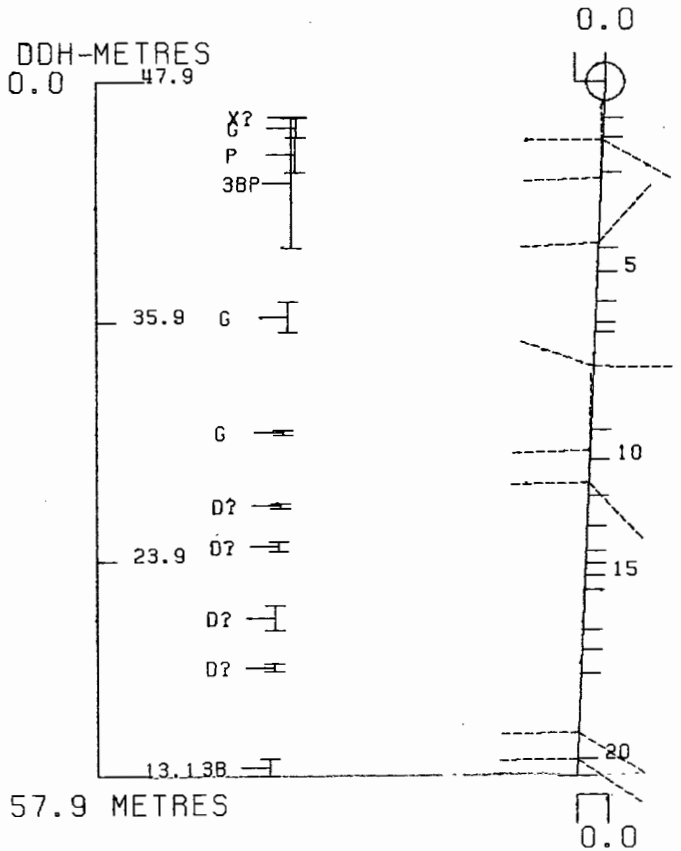
(VIEW AZIMUTH = 42 DEGREES)

ELEV: 1182 592520E ; 904694N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 818.0 Z = 1182.2

SECTION NAME: 00N



ELEVATION ABOVE S.L.

+ 1150 M.

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 21 NOV 1984 4:09 PM

DDH: FAGU173 -- 132 DEGREE PROFILE

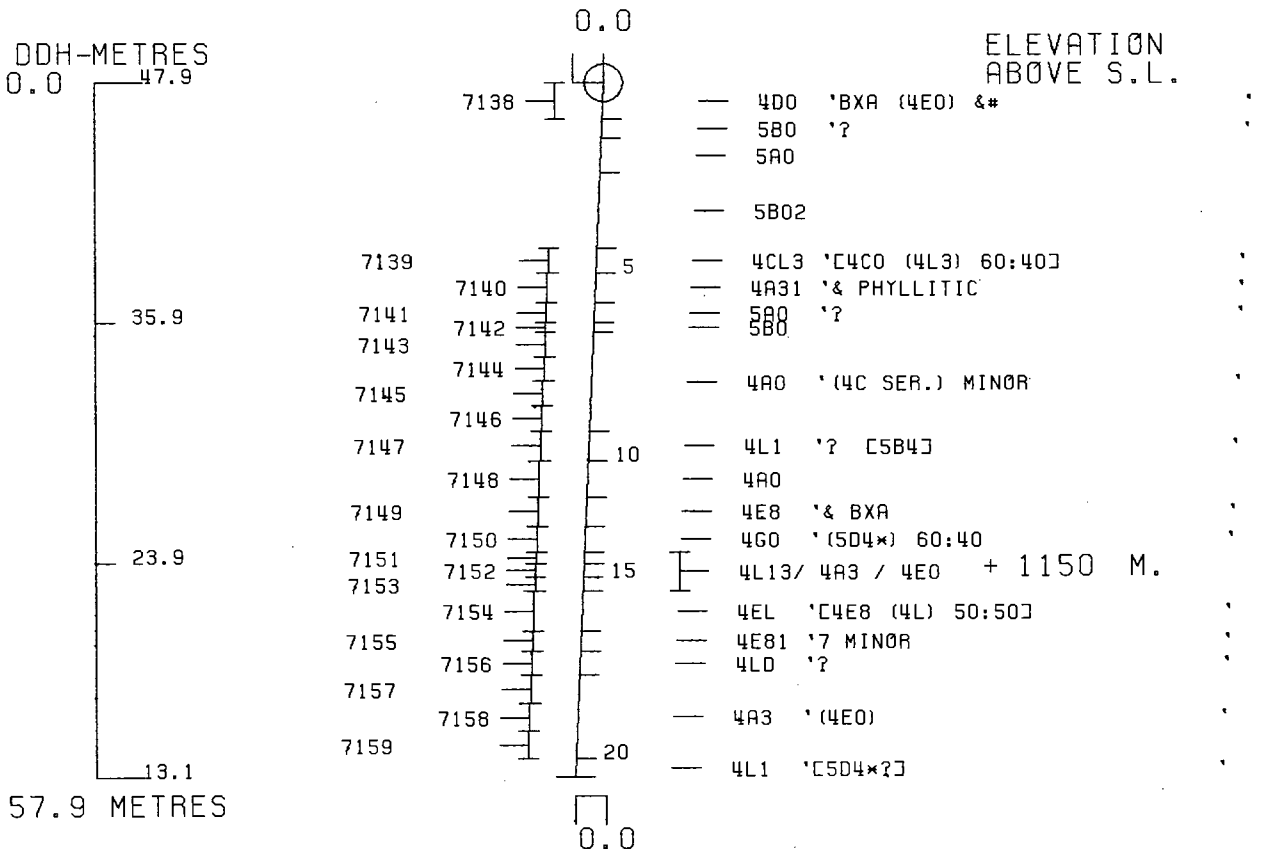
(VIEW AZIMUTH = 42 DEGREES)

ELEV: 1182 592520E ; 904694N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 818.0 Z = 1182.2

SECTION NAME: OON



CYPRUS ANVIL MINING CORPORATION

PROGRAM DH162 21 NOV 1984 4:08 PM

FAGU181

DDH	SAMPLE	----DEPTHS--- FROM	TO	INT M	REC %	ROCK UNIT	S.G.	CU %	PB %	ZN %	AG G/MT	AU G/MT	PO %	PY %	BAO %	PB+ZN %	PO+PY %	ZN RATIO
FAGU181	5229	.0	1.5	1.5	80	4E4	4.52	.16	6.37	13.55	134.0	.96	4.52	23.20		19.92	27.72	.68
	5230	1.5	3.0	1.5	100	4E4	4.13	.15	9.20	15.21	149.0	.69	3.81	20.00		24.41	23.81	.62
	5231	3.0	4.5	1.5	100	4E4	4.83	.25	7.33	12.03	91.0	1.03	2.57	26.40		19.36	28.97	.62
	5232	4.5	6.0	1.5	100	4E4	4.84	.16	4.01	9.15	79.0	.89	3.51	33.30		13.16	36.81	.70
	5233	6.0	7.4	1.4	100	4E4	4.38	.24	5.95	12.82	94.0	1.78	3.34	22.60		18.77	25.94	.68
	5234	7.4	8.0	.6	100	4G4	4.76	.20	4.86	10.01	113.0	1.65	1.34	15.70		14.87	17.04	.67
	5235	8.0	10.0	2.0	100	4D4	3.99	.10	9.80	21.30	167.0	1.30	3.26	11.20		31.10	14.46	.68
	5236	10.0	11.8	1.8	100	4D4	3.85	.06	12.60	23.70	199.0	1.51	3.38	7.20		36.30	10.58	.65
	5237	49.8	51.3	1.5	100	4G4	4.42	.12	4.68	9.05	105.0	.89	1.69	20.40		13.73	22.09	.66
	5238	51.3	52.8	1.5	93	4G4	4.62	.14	6.47	11.90	106.0	1.23	1.45	13.20		18.37	14.65	.65
	5239	52.8	54.3	1.5	100	4G4	4.69	.12	5.19	9.73	94.0	1.10	1.49	15.00		14.92	16.49	.65
	5240	54.3	55.8	1.5	100	4G4	4.32	.11	4.99	9.07	106.0	.55	1.38	13.60		14.06	14.98	.65
	5241	55.8	57.3	1.5	100	4G0	3.44	.07	2.20	5.21	45.0	.41	2.14	8.70		7.41	10.84	.70
	5242	57.3	58.8	1.5	100	4G4	4.67	.20	5.78	8.07	118.0	1.30	1.15	21.70		13.85	22.85	.58
	5243	58.8	60.4	1.6	100	4G4	4.61	.26	7.32	9.65	166.0	1.65	1.26	24.10		16.97	25.36	.57

DDH	SAMPLE	ROCK UNIT	NORMATIVE MINERALS - WEIGHT % CPY	GA	SP	PO	PY	BAR	OTHER	*	NORMATIVE MINERALS - VOLUME % CPY	GA	SP	PO	PY	BAR	OTHER
FAGU181	5229	4E4	.46	7.36	20.20	7.11	49.89		14.98	*	.48	4.24	21.85	6.69	43.17		23.57
	5230	4E4	.43	10.63	22.68	5.99	43.01		17.26	*	.44	6.06	24.26	5.57	36.81		26.86
	5231	4E4	.72	8.47	17.93	4.04	56.77		12.06	*	.77	5.04	20.01	3.92	50.68		19.58
	5232	4E4	.46	4.63	13.64	5.52	71.61		4.13	*	.52	2.92	16.11	5.67	67.68		7.10
	5233	4E4	.69	6.87	19.11	5.25	48.60		19.47	*	.69	3.85	20.07	4.80	40.84		29.74
	5234	4G4	.58	5.61	14.92	2.11	33.76		43.02	*	.50	2.72	13.58	1.67	24.58		56.94
	5235	4D4	.29	11.32	31.75	5.13	24.09		27.43	*	.27	5.94	31.23	4.38	18.95		39.23
	5236	4D4	.17	14.55	35.33	5.32	15.48		29.14	*	.16	7.56	34.42	4.50	12.07		41.29
	5237	4G4	.35	5.40	13.49	2.66	43.87		34.23	*	.32	2.77	12.99	2.22	33.78		47.92
	5238	4G4	.40	7.47	17.74	2.28	28.39		43.72	*	.35	3.61	16.07	1.80	20.57		57.60
	5239	4G4	.35	5.99	14.51	2.34	32.26		44.55	*	.30	2.89	13.11	1.84	23.32		58.55
	524C	4G4	.32	5.76	13.52	2.17	29.25		48.98	*	.27	2.71	11.92	1.66	20.63		62.81
	5241	4G0	.20	2.54	7.77	3.37	18.71		67.41	*	.15	1.08	6.20	2.34	11.95		78.28
	5242	4G4	.58	6.68	12.03	1.81	46.67		32.24	*	.54	3.49	11.80	1.54	36.62		46.00
	5243	4G4	.75	8.45	14.39	1.98	51.83		22.60	*	.75	4.71	15.04	1.80	43.34		34.36

DRILL HOLE : FAGU181
NORTHING : 904,832.2
EASTING : 592,401.6
ELEVATION : 1,161.4
TOTAL DEPTH : 68.5
SECTION : W 68
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: 15
NOS DOWN-H-SURVEYS: 1
NOS DOWN-H-LITHOLOGY: 13
NOS DOWN-H-STRUCTURE: 8
NOS DOWN-H-FAULTS: 4
NOS DOWN-H-SPLINES: 1
NOS COMPOSITES: 0

DDH: FAGU181 UTM-N: 904,832.2 UTM-E: 592,401.6 UTM-ELEV: 1,161.4 TOTAL DEPTH: 68.5 SECTION: W 68
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTHS FROM	DEPTHS TO	SAMPLE NO.	INT.	REC.	ROCK UNIT	ASSAYS S.G. PULP	CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
.0	1.5	05229	1.5	1.2	4E4	4.52	.16	6.37	13.55	134.00		.96	4	23	27						
1.5	3.0	05230	1.5	1.5	4E4	4.13	.15	9.20	15.21	149.00		.69	3	20	23						
3.0	4.5	05231	1.5	1.5	4E4	4.83	.25	7.33	12.03	91.00	90.00	1.03	2	26	28						
4.5	6.0	05232	1.5	1.5	4E4	4.84	.16	4.01	9.15	79.00		.89	3	33	36						
6.0	7.4	05233	1.4	1.4	4E4	4.38	.24	5.95	12.82	94.00		1.78	3	22	25						
7.4	8.0	05234	.6	.6	4G4	4.76	.20	4.86	10.01	113.00		1.65	1	15	17						
8.0	10.0	05235	2.0	2.0	4D4	3.99	.10	9.80	21.30	167.00		1.30	3	11	14						
10.0	11.8	05236	1.8	1.8	4D4	3.85	.06	12.60	23.70	199.00		1.51	3	7	10						
49.8	51.3	05237	1.5	1.5	4G4	4.42	.12	4.68	9.05	105.00		.89	1	20	22						
51.3	52.8	05238	1.5	1.4	4G4	4.62	.14	6.47	11.90	106.00		1.23	1	13	14						
52.8	54.3	05239	1.5	1.5	4G4	4.69	.12	5.19	9.73	94.00		1.10	1	15	16						
54.3	55.8	05240	1.5	1.5	4G4	4.32	.11	4.99	9.07	106.00		.55	1	13	14						
55.8	57.3	05241	1.5	1.5	4G0	3.44	.07	2.20	5.21	45.00	44.00	.41	2	8	10						
57.3	58.8	05242	1.5	1.5	4G4	4.67	.20	5.78	8.07	118.00		1.30	1	21	22						
58.8	60.4	05243	1.6	1.6	4G4	4.61	.26	7.32	9.65	166.00		1.65	1	24	25						
WEIGHTED AVERAGE																					
.0	11.8		11.8	11.5		4.35	.15	7.95	15.60	133.14	11.44	1.19	3	19	22						
49.8	60.4		10.6	10.5		4.39	.14	5.25	8.96	106.28	6.22	1.02	1	16	18						

DDH: FAGU181 UTM-N: 904,832.2 UTM-E: 592,401.6 UTM-ELEV: 1,161.4 TOTAL DEPTH: 68.5 SECTION: W 68
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	87.000	224.000

DDH: FAGU181 UTM-N: 904,832.2 UTM-E: 592,401.6 UTM-ELEV: 1,161.4 TOTAL DEPTH: 68.5 SECTION: W 68
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
FAGU181	0.0	13.5	CS2		0	0	0	0	20	230	0	1	1	1
FAGU181	0.0	21.7	CS2		0	0	0	0	32	230	0	1	1	1
FAGU181	0.0	28.4	CS2		0	0	0	0	24	230	0	1	1	1
FAGU181	0.0	34.3	CS2		0	0	0	0	32	230	0	1	1	1
FAGU181	0.0	40.0	CS2		0	0	0	0	27	230	0	1	1	1
FAGU181	0.0	49.0	CS2		0	0	0	0	46	230	0	1	1	1
FAGU181	0.0	55.2	CS2		0	0	0	0	40	230	0	1	1	1
FAGU181	0.0	67.7	CS2		0	0	0	0	17	230	0	1	1	1

DDH: FAGU181 UTM-N: 904,832.2 UTM-E: 592,401.6 UTM-ELEV: 1,161.4 TOTAL DEPTH: 68.5 SECTION: W 68
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
FAGU181	11.8	12.1	G		0	0	C	C	0	0	1
FAGU181	16.0	16.2	G		0	0	C	C	0	0	1
FAGU181	30.7	31.0	G		0	0	C	C	0	0	1
FAGU181	49.1	49.8	IQ		0	0	C	C	0	0	1

DDH: FAGU181 UTM-N: 904,832.2 UTM-E: 592,401.6 UTM-ELEV: 1,161.4 TOTAL DEPTH: 68.5 SECTION: W 68
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGU181	1	1

DDH	SAMPLE	ROCK UNIT	NORMATIVE MINERALS - WEIGHT % CPY	GA	SP	PO	PY	BAR	OTHER	*	NORMATIVE MINERALS - VOLUME % CPY	GA	SP	PO	PY	BAR	OTHER
FAGU181	5229	4E4	.46	7.36	20.20	7.11	49.89		14.98	*	.48	4.24	21.85	6.69	43.17		23.57
	5230	4E4	.43	10.63	22.68	5.99	43.01		17.26	*	.44	6.06	24.26	5.57	36.81		26.86
	5231	4E4	.72	8.47	17.93	4.04	56.77		12.06	*	.77	5.04	20.01	3.92	50.68		19.58
	5232	4E4	.46	4.63	13.64	5.52	71.61		4.13	*	.52	2.92	16.11	5.67	67.68		7.10
	5233	4E4	.69	6.87	19.11	5.25	48.60		19.47	*	.69	3.85	20.07	4.80	40.84		29.74
	5234	4G4	.58	5.61	14.92	2.11	33.76		43.02	*	.50	2.72	13.58	1.67	24.58		56.94
	5235	4D4	.29	11.32	31.75	5.13	24.09		27.43	*	.27	5.94	31.23	4.38	18.95		39.23
	5236	4D4	.17	14.55	35.33	5.32	15.48		29.14	*	.16	7.56	34.42	4.50	12.07		41.29
	5237	4G4	.35	5.40	13.49	2.66	43.87		34.23	*	.32	2.77	12.99	2.22	33.78		47.92
	5238	4G4	.40	7.47	17.74	2.28	28.39		43.72	*	.35	3.61	16.07	1.80	20.57		57.60
	5239	4G4	.35	5.99	14.51	2.34	32.26		44.55	*	.30	2.89	13.11	1.84	23.32		58.55
	524C	4G4	.32	5.76	13.52	2.17	29.25		48.98	*	.27	2.71	11.92	1.66	20.63		62.81
	5241	4G0	.20	2.54	7.77	3.37	18.71		67.41	*	.15	1.08	6.20	2.34	11.95		78.28
	5242	4G4	.58	6.68	12.03	1.81	46.67		32.24	*	.54	3.49	11.80	1.54	36.62		46.00
	5243	4G4	.75	8.45	14.39	1.98	51.83		22.60	*	.75	4.71	15.04	1.80	43.34		34.36

DDH	SAMPLE	----DEPTHS--- FROM	TO	INT M	REC %	ROCK UNIT	S.G.	CU %	PB %	ZN %	AG G/MT	AU G/MT	PO %	PY %	BAO %	PB+ZN %	PO+PY %	ZN RATIO
FAGU181	5229	.0	1.5	1.5	80	4E4	4.52	.16	6.37	13.55	134.0	.96	4.52	23.20		19.92	27.72	.68
	5230	1.5	3.0	1.5	100	4E4	4.13	.15	9.20	15.21	149.0	.69	3.81	20.00		24.41	23.81	.62
	5231	3.0	4.5	1.5	100	4E4	4.83	.25	7.33	12.03	91.0	1.03	2.57	26.40		19.36	28.97	.62
	5232	4.5	6.0	1.5	100	4E4	4.84	.16	4.01	9.15	79.0	.89	3.51	33.30		13.16	36.81	.70
	5233	6.0	7.4	1.4	100	4E4	4.38	.24	5.95	12.82	94.0	1.78	3.34	22.60		18.77	25.94	.68
	5234	7.4	8.0	.6	100	4G4	4.76	.20	4.86	10.01	113.0	1.65	1.34	15.70		14.87	17.04	.67
	5235	8.0	10.0	2.0	100	4D4	3.99	.10	9.80	21.30	167.0	1.30	3.26	11.20		31.10	14.46	.68
	5236	10.0	11.8	1.8	100	4D4	3.85	.06	12.60	23.70	199.0	1.51	3.38	7.20		36.30	10.58	.65
	5237	49.8	51.3	1.5	100	4G4	4.42	.12	4.68	9.05	105.0	.89	1.69	20.40		13.73	22.09	.66
	5238	51.3	52.8	1.5	93	4G4	4.62	.14	6.47	11.90	106.0	1.23	1.45	13.20		18.37	14.65	.65
	5239	52.8	54.3	1.5	100	4G4	4.69	.12	5.19	9.73	94.0	1.10	1.49	15.00		14.92	16.49	.65
	5240	54.3	55.8	1.5	100	4G4	4.32	.11	4.99	9.07	106.0	.55	1.38	13.60		14.06	14.98	.65
	5241	55.8	57.3	1.5	100	4G0	3.44	.07	2.20	5.21	45.0	.41	2.14	8.70		7.41	10.84	.70
	5242	57.3	58.8	1.5	100	4G4	4.67	.20	5.78	8.07	118.0	1.30	1.15	21.70		13.85	22.85	.58
	5243	58.8	60.4	1.6	100	4G4	4.61	.26	7.32	9.65	166.0	1.65	1.26	24.10		16.97	25.36	.57

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 76-U181

Project: GRUM

Location: VANGORDA PLATEAU

Claim: _____

UTM
Terr. Plane Co-ords.: 6904832.60 (156) N

592401.83 (5967) E

Grid Co-ords.: 68W/2N

Fabric Orientation Diagram:

All symmetry determinations looking

_____ with _____ dipping

_____ with dip azimuth _____.

Elevation: 1161.402

Total Depth: 68.6 m

Purpose: _____

Logged by: PN (RE)

Date(s) Logged: JUNE 8/80

Drilling Contractor: _____

Core:

Size	From	To
BQ	0	EOH

Collar Cased and Capped: ____

Started: 6/9/76 Completed: 7/9/76

Cyprus Anvil Mining Corp.

Diamond Drill Core Log

DDH 76-U-81

Code	Drillhole	Elevation	Northing	Easting	Comments
	2 8	10 16	17 24	25 32	34 48
T	76-U-81	1161.4	9048322.2	592401.6	METRES

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
	2 8	10 14	22 26	28 32	34 56
R	76-U-81	0.0	87.0	224.0	ATCOLLAR
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	

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

DDH 76-U1 81 (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	10	17.4	11	4 E 10	banded in sections; minor siliceous bands; most siliceous bet. 6.7 - 7.2m.; minor sph, gal; highly porous in sections
L	17.4	18.0	12	4 G 10	minor sph, gal
L	18.0	11.8	13	4 D 4	abundant red sph; py; minor gal
L	11.8	14.0	14	5 B 16	gouge from 11.8-12.1m; minor thin qtz veins; ankeritic veins;
L	14.0	19.6	15	4 L 3	minor py; qtz lenses; gouge from 16.0-16.2m
L	19.6	32.1	16	5 B 10	minor qtz-baritic lenses w/ py in fractures; gouge from 30.7-31.0m
L	32.1	33.5	17	5 A 10	slightly calcareous; w/ qtz-ankerite veins w/ py
L	33.5	34.2	18	4 L 10	somewhat siliceous
L	34.2	47.3	19	5 B 10	minor graphite layers; py-bearing qtz lenses; numerous thin irregular calcite fracture fillings
L	47.3	49.8	110	5 A 10	as unit 7; but very calcareous; 49.1-49.8m abundant ankerite & qtz (+ barite?)
L	49.8	60.4	111	4 G 4	slightly calcareous; w/ sph & lesser galena; finely banded
L	60.4	61.5	112	4 L 2	slightly calcareous; w/ marcasite; calcareous-qtz veins; 4G4 from 61.1-61.2m; 62.5-62.6m.
L	61.5	61.8	113	5 A 10	minor py, qtz-calcite veins.
		EOH			

DDH 76-018 (2 8)

Cyprus Anvil Mining Corp.
Structural Log

Logged By: PN

Code	From	To	Feature	Sym	S_1 Dip Direct.	S_2 Dip Direct.	Description
	10 14	16 20	22 24	26	28 32	34 38	
D		11.8	FIZ	M			The rest of the core below 11.8m were only measured for S_2 to core axis angles.
S		13.5	CSIZ			210 2430	
S		21.7	CSIZ			312 2310	
S		28.4	CSIZ			214 2310	
S		34.3	CSIZ			312 2310	
S		41.0	CSIZ			217 2310	
S		49.0	CSIZ			416 2310	49.8 – 60.4 banded massive sulphides
S		55.2	CSIZ			410 2330	
S		61.7	CSIZ			117 2310	
		EOH					

DDH 76-V-181 (2 / 8)

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

Logged By: PN

Sampled By:

Code	From	To	Sample No.	Description		
1	10 14	16 20	22 27	LENGTH	REC.	UNIT
P	100	115	512219	1.5	1.2	4EØ4
P	115	130	512310	1.5	1.5	4EØ4
P	130	145	512311	1.5	1.5	4EØ4
P	145	160	512312	1.5	1.5	4EØ4
P	160	174	512313	1.4	1.4	4EØ4
P	174	180	512314	0.6	0.6	4GØ4
P	180	1100	512315	2.0	2.0	4D4
P	1100	1118	512316	1.8	1.8	4D4
P	1498	1513	512317	1.5	1.5	4G4
P	1513	1528	512318	1.5	1.4	4G4
P	1528	1543	512319	1.5	1.5	4G4
P	1543	1558	512410	1.5	1.5	4G4
P	1558	1573	512411	1.5	1.5	4GY0
P	1573	1588	512412	1.5	1.5	4G4
P	1588	1610	512413	1.6	1.6	4G4

FAULT

DDH EAGU-81-2-8 Cyprus Anvil Mining Corp. Page _____ of _____

Structural Log Date: _____ Logged By: _____

Code	From	To	Feature	Sys	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
F	111 8	112 1	G					gouge
F	116 0	116 2	G					gouge
F	130 7	131 0	G					gouge
F	419 1	419 8	Q					abundant qtz & ankerite in SAO

DIAMOND DRILL RECORD

LOGGED BY Stanley B Hamilton

PROPERTY

LATITUDE 211 BEARING OF HOLE +3° STARTED Sept 6/76

DEPARTURE DIP OF HOLE COMPLETED Sept 7/76

ELEVATION DIP TESTS DEPTH Proposed: Ultimate: 66.6

D.D.H. No. U 181 PAGE 1

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	11.8	MASSIVE BANDED PYRITIC SULPHIDE. MBV bx	Sy.	P2	R		0	1.5									
		Massive Sulphide: 75-90 Sulphide: Pyrite,	Pc	12	1.2	B201	0	1.5	1.5	6.12	11.25	29.86					
		orange-amber sphalerite, galena, Note locally	Pc	15	1.5	B202	1.5	3.0	1.5	3.41	16.76	129.46					
		contains white barite ex 7.4-8.2 m. C.g. (3-4cm)	Pc	10	1.6	B203	3.0	4.6	1.6	2.13	11.66	90.56					
		blebs of sph-galena at 6 m. Some banded	Pc	10	1.5	B204	4.6	6.1	1.5	4.86	9.16	78.96					
		zones porous. Grade varies 10-20% ave 15.	Pc	18	1.5	B205	6.1	7.6	1.5	2.41	14.53	53.72					
		Note mini-bx zones at 5-5.7 local buff anhydrite	Pc	15	1.5	B206	7.6	9.1	1.5	6.31	15.46	179.26					
		CA: 2=F_1=45; 4=$F_1$55; 6=36F_1; 8=37F_1;	Pc	20	1.6	B207	9.1	10.7	1.6	10.44	22.56	90.96					
		10=50F_1.	Pc	20	1.1	B208	10.7	11.8	1.1	10.41	20.27	132.49					
11.8	13.8	Grey Gn SERICITE PHYLLITE. S				[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					
		Contact with Sulphide is muddy gouge for															
		0.2 m. Barren of Pyzn. Rock lustrous															
		mica-rich. Broken. Minor pyrite.															
		CA 12 : F_2=30; 14 : $F_1$65, $F_2$7 opp dip															

LOGGED BY JBR D.D.H. NO 11R1 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
11.0	19.8	CREAM BLEACHED QU-SER PHYLLITE S.b Rock broken, with muddy gouge at 16-16.2	1.1	✓	13.1	14.6	1.5								
		local thin qu-veins	0.2	✓	18.3	19.8	1.5								
		CA. 14 = 25 F_2; 16 = gouge, F_2 = 20; 18 = F_2 = 10.	0.2	✓	19.8	21.3	1.5								
19.8	32.5	GREY QU-SERICITE PHYLLITE S Med – dk grey, micaceous phyllite w/ v. quartzose. Thin veins of qu, with local blebs of py, po. F_2 foliation sub-parallel to core axis. Broken, gouged 30.5-32. CA. 20 = F_2 = 8; 22 = F_2 = 30; 24 = F_2 = 20; 26 = F_2 = 20; 28 = F_2 = 20; 30 = F_2 = 17; 32 = 30 F_2													
			0.5	✓	32	33.5	1.5								
32.5	49.8	BLACK GRAPHITIC PHYLLITE G. Thin zone of bleached – buff qu-ser phy, with	0.5	✓	35.1	36.6	1.5			$F_1 - F_2$		41-42 m			
		Small-scale F_2 fold noses at 33.5-34.	0.7	✓	36.6	38.1	1.5								
		Minor pyrite. Unit becomes quartzose from 38 on. More striped with net veins of white qu – carbonate. Rock broken 35 – 39.6. Minor py. blebs.													



LOGGED BY _____ D.D.H. NO [113] 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
		CA 40 = F_2=?, 42 = F_2=10, 44 = F_2=40,															
		46 = F_2=10, 48 = F_2=45 $\Leftarrow$ F_2 folds, varies															
		to F_2;															
			S	Pz	R	B209	49.8	51.3	1.5								
49.8	60.4	MASSIVE BANDED BARITIC SULPHIDE MB1	75	15	1.5	B209	49.8	51.3	1.5	5.46	9.30	91.89					
			75	15	1.4	B210	51.3	52.8	1.5	7.05	11.32	87.77					
		Fine grained galena, amber sph, galena, barite	75	15+	1.5	B211	52.8	54.3	1.5	5.70	16.16	84.69					
		v. finely banded, locally folded (F_2).	75	15+	1.5	B212	54.3	55.8	1.5	4.58	8.69	55.72					
		Minor angle at 53.6m Sulphide 75%, Barite	15	5	1.3	B213	55.8	57.1	1.3	2.40	5.48	37.37					
		20-25% locally Grade 15% plus. Pb+Zn.	75	15+	1.5	B214	57.1	58.6	1.5	5.65	8.67	103.89					
		Graphitic-Sulphide band 55.1-57.1 near F_2 fold nose.	75	15+	1.8	B215	58.6	~~58.8~~ 60.4	1.8	7.80	10.21	150.12					
		CA 50 = F_1=50; 52 = F_1, 55; 54 = F_1=42; 56 = F_1=															
		10; F_2 fold nose (1.5m nose); 58 = F_1=35;				"	60.4	61.9	1.5	5.60	8.22	100.13					
		60 = F_1=10, fold nose; 62 = F_1=15 fold nose; 64 =				"	61.9	63.3	1.4	6.37	11.00	107.57					
						"	63.3	64.8	1.5	6.12	11.61	124.42					
60.4	65.5	ALTERED QU-SER MAFIPOSITE PHYLLITE with SB_M				"	64.8	66.3	1.5	2.82	7.05	53.00					
		base thin bands of MASSIVE BARITIC	0.3		✓		60.4	61.	0.6								
		SULPHIDE which are in F_2 fold noses at	1.5		✓		61.	62.5	1.5								
		61.2 and 62.5. Note worthy of assay.	0.2		✓		62.5	64	1.5								
		Poor core recovery.	0.2		✓		64	65.5	1.5								
		CA 64 = 10 F_2, F_2 to be core axis; 6															

LOGGED BY BMM D.D.H. NO 1181 PAGE 6 of 7

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
65.5	68.6	BLACK STAINED & GRAPHITIC PHYLLITE (G).													
		Banded mica-rich graphitic phyllite													
		F_2 sub parallel to Core axis.													
		OA: 66 = F_2=25; 68 F_2=20:													
END	68.6														

FAGU183

DDH	SAMPLE	DEPTHS FROM	DEPTHS TO	INT M	REC %	ROCK UNIT	S.G.	CU %	PB %	ZN %	AG G/MT	AU G/MT	PO %	PY %	BAO %	PB+ZN %	PO+PY %	ZN RATIO
FAGU183	5128	.0	1.6	1.6		4E4	4.55	.20	5.23	11.40	84.0	.75	3.23	25.90		16.63	29.13	.69
	5129	1.6	3.0	1.4		4A0	3.07	.11	2.57	1.83	43.0	.82	1.54	13.30		4.40	14.84	.42
	513C	3.0	6.0	3.0		4AC3	3.68	.15	1.75	3.18	34.0	1.23	1.71	21.00		4.93	22.71	.65
	5131	6.0	7.5	1.5		4A34	3.42	.10	2.86	3.48	41.0	1.10	1.65	15.40		6.34	17.05	.55
	5132	7.5	9.7	2.2		4A34	3.42	.08	3.90	6.69	52.0	1.23	2.63	12.60		10.59	15.23	.63
	5133	9.7	11.2	1.5		4E4	4.52	.22	6.09	12.00	93.0	2.33	4.21	25.40		18.09	29.61	.66
	5134	11.2	12.7	1.5		4E4	4.45	.18	8.00	15.10	142.0	1.65	2.87	22.40		23.10	25.27	.65
	5135	12.7	14.2	1.5		4E4	4.30	.06	7.32	13.10	130.0	1.37	2.45	21.30		20.42	23.75	.64
	5136	14.2	15.7	1.5		4E4	3.71	.23	3.90	7.63	78.0	1.51	2.40	17.60		11.53	20.00	.66
	5137	15.7	17.2	1.5		4E4	4.09	.20	4.95	9.50	75.0	1.51	3.00	22.10		14.45	25.10	.66
	5138	17.2	18.3	1.1		4E4	4.35	.20	4.57	13.20	91.0	1.65	5.96	21.50		17.77	27.46	.74
	5139	18.3	20.3	2.0		4D4	3.61	.03	7.13	20.60	177.0	1.17	4.84	6.00		27.73	10.84	.74
	5140	20.3	21.9	1.6		4D4	3.54	.05	8.08	18.20	143.0	1.23	3.89	5.70		26.28	9.59	.69

DDH	SAMPLE	ROCK UNIT	NORMATIVE MINERALS - WEIGHT % CPY	GA	SP	PO	PY	BAR	OTHER	*	NORMATIVE MINERALS - VOLUME % CPY	GA	SP	PO	PY	BAR	OTHER
FAGU183	5128	4E4	.58	6.04	17.00	5.08	55.70		15.61	*	.60	3.48	18.38	4.78	48.20		24.56
	5129	4A0	.32	2.97	2.73	2.42	28.60		62.96	*	.25	1.31	2.25	1.74	18.88		75.57
	5130	4AC3	.43	2.02	4.74	2.69	45.16		44.95	*	.38	.98	4.31	2.12	32.82		59.40
	5131	4A34	.29	3.30	5.19	2.59	33.12		55.51	*	.24	1.51	4.45	1.93	22.70		69.18
	5132	4A34	.23	4.50	9.97	4.14	27.10		54.06	*	.19	2.06	8.56	3.09	18.61		67.49
	5133	4E4	.64	7.03	17.89	6.62	54.62		13.20	*	.67	4.13	19.68	6.33	48.07		21.12
	5134	4E4	.52	9.24	22.51	4.51	48.17		15.04	*	.54	5.34	24.39	4.25	41.76		23.71
	5135	4E4	.17	8.45	19.53	3.85	45.81		22.18	*	.17	4.67	20.24	3.47	37.99		33.45
	5136	4E4	.66	4.50	11.37	3.77	37.85		41.83	*	.58	2.21	10.45	3.02	27.83		55.92
	5137	4E4	.58	5.72	14.16	4.72	47.53		27.30	*	.55	3.06	14.22	4.12	38.18		39.87
	5138	4E4	.58	5.28	19.68	9.37	46.24		18.86	*	.58	2.94	20.58	8.52	36.69		28.69
	5139	4D4	.09	8.23	30.71	7.61	12.90		40.45	*	.07	3.96	27.68	5.96	9.30		53.03
	5140	4D4	.14	9.33	27.13	6.12	12.26		45.02	*	.12	4.41	24.04	4.71	8.69		58.02

DRILL HOLE : FAGU183
NORTHING : 904,832.2
EASTING : 592,401.5
ELEVATION : 1,160.6
TOTAL DEPTH : 76.2
SECTION : W 68
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS ORE-SAMPLES:	13
NOS DOWN-H-SURVEYS:	1
NOS DOWN-H-LITHOLOGY:	7
NOS DOWN-H-STRUCTURE:	13
NOS DOWN-H-FAULTS:	11
NOS DOWN-H-SPLINES:	1
NOS COMPOSITES:	0

DDH: FAGU183 UTM-N: 904,832.2 UTM-E: 592,401.5 UTM-ELEV: 1,160.6 TOTAL DEPTH: 76.2 SECTION: W 68
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DEPTHS FROM	DEPTHS TO	SAMPLE NO.	INT.	REC.	ROCK UNIT	ASSAYS S.G. PULP	CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
.0	1.6	05128	1.6	.0	4E4	4.55	.20	5.23	11.40	84.00		.75	3	25	29						
1.6	3.0	05129	1.4	.0	4A0	3.07	.11	2.57	1.83	43.00		.82	1	13	14						
3.0	6.0	05130	3.0	.0	4AC3	3.68	.15	1.75	3.18	34.00		1.23	1	21	22						
6.0	7.5	05131	1.5	.0	4A34	3.42	.10	2.86	3.48	41.00		1.10	1	15	17						
7.5	9.7	05132	2.2	.0	4A34	3.42	.08	3.90	6.69	52.00		1.23	2	12	15						
9.7	11.2	05133	1.5	.0	4E4	4.52	.22	6.09	12.00	93.00		2.33	4	25	29						
11.2	12.7	05134	1.5	.0	4E4	4.45	.18	8.00	15.10	142.00		1.65	2	22	25						
12.7	14.2	05135	1.5	.0	4E4	4.30	.06	7.32	13.10	130.00	137.00	1.37	2	21	23						
14.2	15.7	05136	1.5	.0	4E4	3.71	.23	3.90	7.63	78.00		1.51	2	17	20						
15.7	17.2	05137	1.5	.0	4E4	4.09	.20	4.95	9.50	75.00		1.51	3	22	25						
17.2	18.3	05138	1.1	.0	4E4	4.35	.20	4.57	13.20	91.00		1.65	5	21	27						
18.3	20.3	05139	2.0	.0	4D4	3.61	.03	7.13	20.60	177.00		1.17	4	6	10						
20.3	21.9	05140	1.6	.0	4D4	3.54	.05	8.08	18.20	143.00		1.23	3	5	9						
WEIGHTED AVERAGE																					
.0	21.9		21.9	.0		3.86	.13	4.91	10.09	88.23	9.38	1.32	2	17	20						

DDH: FAGU183 UTM-N: 904,832.2 UTM-E: 592,401.5 UTM-ELEV: 1,160.6 TOTAL DEPTH: 76.2 SECTION: W 68
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	119.900	229.600

DDH: FAGU183 UTM-N: 904,832.2 UTM-E: 592,401.5 UTM-ELEV: 1,160.6 TOTAL DEPTH: 76.2 SECTION: W 68
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
1.6	0C01	4E4		0.5-	1
9.7	0002	4A3	(4A0)TOI(4A&4) (4C0) A:C=85:15	0.5-	1
18.3	0C03	4E4	& POROUS & BXA	0.5-	1
21.9	0004	4D4		0.5-	1
31.9	0C05	5B6	(5D0) 90:10	0.5-	1
35.6	0C06	4L0	&4	0.5-	1
76.2	0C07	5B0	&2	0.5-	1

DDH: FAGU183 UTM-N: 904,832.2 UTM-E: 592,401.5 UTM-ELEV: 1,160.6 TOTAL DEPTH: 76.2 SECTION: W 68
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
FAGU183	0.0	6.1	CS2		0	0	0	0	11	230	0	1	1	1
FAGU183	0.0	9.5	CS2		0	0	0	0	29	230	0	1	1	1
FAGU183	0.0	21.8	CS2		0	0	0	0	50	230	0	1	1	1
FAGU183	0.0	24.8	CS2		0	0	0	0	26	230	0	1	1	1
FAGU183	0.0	28.7	CS2		0	0	0	0	20	230	0	1	1	1
FAGU183	0.0	33.2	CS2		0	0	0	0	20	230	0	1	1	1
FAGU183	0.0	39.0	CS2		0	0	0	0	36	230	0	1	1	1
FAGU183	0.0	45.4	CS2		0	0	0	0	27	230	0	1	1	1
FAGU183	0.0	48.3	CS2		0	0	0	0	24	230	0	1	1	1
FAGU183	0.0	50.3	CS2		0	0	0	0	28	230	0	1	1	1
FAGU183	0.0	65.4	CS2		0	0	0	0	22	230	0	1	1	1
FAGU183	0.0	70.5	CS2		0	0	0	0	33	230	0	1	1	1
FAGU183	0.0	74.5	CS2		0	0	0	0	40	230	0	1	1	1

DDH: FAGU183 UTM-N: 904,832.2 UTM-E: 592,401.5 UTM-ELEV: 1,160.6 TOTAL DEPTH: 76.2 SECTION: W 68
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
FAGU183	0.7	C.9	XD?		C	0	C	C	0	0	1
FAGU183	0.C	1C.0	XD?		0	0	C	0	0	0	1
FAGU183	15.6	18.3	XD?		0	0	C	0	0	0	1
FAGU183	21.9	24.4	G		C	0	C	C	0	0	1
FAGU183	37.1	37.5	Q		0	0	C	C	0	0	1
FAGU183	50.8	51.0	G		C	0	C	C	0	0	1
FAGU183	52.3	52.5	G		0	0	0	0	0	0	1
FAGU183	54.9	56.0	G		0	0	C	C	0	0	1
FAGU183	59.4	59.6	G		0	0	C	C	0	0	1
FAGU183	0.0	63.0	G		0	0	0	0	0	0	1
FAGU183	68.9	69.3	G		0	0	C	C	0	0	1

DDH: FAGU183 UTM-N: 904,832.2 UTM-E: 592,401.5 UTM-ELEV: 1,160.6 TOTAL DEPTH: 76.2 SECTION: W 68
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGU183	1	1

DDH	SAMPLE	DEPTHS FROM	DEPTHS TO	INT M	REC %	ROCK UNIT	S.G.	CU %	PB %	ZN %	AG G/MT	AU G/MT	PD %	PY %	BAD %	PB+ZN %	PD+PY %	ZN RATIO
FAGU183	5128	.0	1.6	1.6		4E4	4.55	.20	5.23	11.40	84.0	.75	3.23	25.90		16.63	29.13	.69
	5129	1.6	3.0	1.4		4A0	3.07	.11	2.57	1.83	43.0	.82	1.54	13.30		4.40	14.84	.42
	5130	3.0	6.0	3.0		4AC3	3.68	.15	1.75	3.18	34.0	1.23	1.71	21.00		4.93	22.71	.65
	5131	6.0	7.5	1.5		4A34	3.42	.10	2.86	3.48	41.0	1.10	1.65	15.40		6.34	17.05	.55
	5132	7.5	9.7	2.2		4A34	3.42	.08	3.90	6.69	52.0	1.23	2.63	12.60		10.59	15.23	.63
	5133	9.7	11.2	1.5		4E4	4.52	.22	6.09	12.00	93.0	2.33	4.21	25.40		18.09	29.61	.66
	5134	11.2	12.7	1.5		4E4	4.45	.18	8.00	15.10	142.0	1.65	2.87	22.40		23.10	25.27	.65
	5135	12.7	14.2	1.5		4E4	4.30	.06	7.32	13.10	130.0	1.37	2.45	21.30		20.42	23.75	.64
	5136	14.2	15.7	1.5		4E4	3.71	.23	3.90	7.63	78.0	1.51	2.40	17.60		11.53	20.00	.66
	5137	15.7	17.2	1.5		4E4	4.09	.20	4.95	9.50	75.0	1.51	3.00	22.10		14.45	25.10	.66
	5138	17.2	18.3	1.1		4E4	4.35	.20	4.57	13.20	91.0	1.65	5.96	21.50		17.77	27.46	.74
	5139	18.3	20.3	2.0		4D4	3.61	.03	7.13	20.60	177.0	1.17	4.84	6.00		27.73	10.84	.74
	5140	20.3	21.9	1.6		4D4	3.54	.05	8.08	18.20	143.0	1.23	3.89	5.70		26.28	9.59	.69

DDH	SAMPLE	ROCK UNIT	NORMATIVE MINERALS - WEIGHT % CPY	GA	SP	PO	PY	BAR	OTHER	*	NORMATIVE MINERALS - VOLUME % CPY	GA	SP	PO	PY	BAR	OTHER
FAGU183	5128	4E4	.58	6.04	17.00	5.08	55.70		15.61	*	.60	3.48	18.38	4.78	48.20		24.56
	5129	4A0	.32	2.97	2.73	2.42	28.60		62.96	*	.25	1.31	2.25	1.74	18.88		75.57
	5130	4AC3	.43	2.02	4.74	2.69	45.16		44.95	*	.38	.98	4.31	2.12	32.82		59.40
	5131	4A34	.29	3.30	5.19	2.59	33.12		55.51	*	.24	1.51	4.45	1.93	22.70		69.18
	5132	4A34	.23	4.50	9.97	4.14	27.10		54.06	*	.19	2.06	8.56	3.09	18.61		67.49
	5133	4E4	.64	7.03	17.89	6.62	54.62		13.20	*	.67	4.13	19.68	6.33	48.07		21.12
	5134	4E4	.52	9.24	22.51	4.51	48.17		15.04	*	.54	5.34	24.39	4.25	41.76		23.71
	5135	4E4	.17	8.45	19.53	3.85	45.81		22.18	*	.17	4.67	20.24	3.47	37.99		33.45
	5136	4E4	.66	4.50	11.37	3.77	37.85		41.83	*	.58	2.21	10.45	3.02	27.83		55.92
	5137	4E4	.58	5.72	14.16	4.72	47.53		27.30	*	.55	3.06	14.22	4.12	38.18		39.87
	5138	4E4	.58	5.28	19.68	9.37	46.24		18.86	*	.58	2.94	20.58	8.52	38.69		28.69
	5139	4D4	.09	8.23	30.71	7.61	12.90		40.45	*	.07	3.96	27.68	5.96	9.30		53.03
	5140	4D4	.14	9.33	27.13	6.12	12.26		45.02	*	.12	4.41	24.04	4.71	8.69		58.02

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 76-U183

Project: GRUM

Location: VANGORDA PLATEAU

Claim:

Conversion of UTM ~~Mine~~. Plane Co-ords.: 6,904,832.60 (201) N

592,401.83 (5025) E

Grid Co-ords.: 68W/2N

Fabric Orientation Diagram:

All symmetry determinations looking

_____ with _____ dipping

_____ with dip azimuth _____.

Elevation: 1160.581

Total Depth: 76.2m

Purpose:

RE Logged by: PN Date(s) Logged: JUNE 9 '80

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

Size	From	To
BQ	0	EOH

Started: 7/9/76 Completed: 8/9/76

Cyprus Anvil Mining Corp.
Diamond Drill Core Log

DDH 76-U183

Code	Drillhole	Elevation	Northing	Easting	Comments
1	2 8	10 16	17 24	25 32	34 48
T	76-U183	1160.6	9048322.2	592401.5	METRES

229.6 for True North

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2 8	10 14	22 26	28 32	34 56
R	76-U183	00	19.9	228.1	ATCOLLAR
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	

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

DDH 76-U-183

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	10 0	11 6	11	4 E 10	4 w/ gal, sph; minor qtz blebs; py breccia from 0.7-0.9m.
L	1 6	9 7	12	4 A 13	w/ minor sph & lesser gal; 4CO from 3.5-4.6m
L	9 7	11 8 3	13	4 E 10	4 py breccia at 10.0m; 15.6-18.3m; highly porous from 11.5-11.8m.; becomes more siliceous below 12.2m
L	11 8 3	12 11 9	14	4 D 14	minor py, gal, & phyllite
L	12 11 9	13 11 9	15	5 B 16	SDO 21.9-22.9m; minor chlorite blebs & qtz veins; gouge from 21.9-24.4m.
L	31 9	33 15 6	16	4 L 10	minor py blebs & siliceous lenses; sulphide layer w/ py & minor sph from 34.7-35.1m.
L	35 6	37 16 2	17	5 B 10	variably calcareous; minor py blebs; qtz vein 37.1-37.5m; abundant thin ankerite layers from 38.9-39.8m; graphitic from 47.9-48.8m; gouge from 50.8-51m, 52.3-52.5m, 54.9-56.0m, 59.4-59.6m at 63.0m and from 68.9-69.3m
		E O I H			

DDH 76-W-183 (2 / 8)

Cyprus Anvil Mining Corp.
Structural Log

Logged By: PN

Code	From	To	Feature	Sys	S_1 Dip Direct.	S_2 Dip Direct.	Description
	10 14	16 20	22 24	26	28 32	34 38	
S		161	CS12			111 2310	Only S2 angles to the core axis were measured.
S		195	CS12			219 2310	9.7-21.9m massive sulphides
S		2118	CS12			510 2310	
S		2148	CS12			216 2310	
S		2187	CS12			210 2310	
S		2332	CS12			210 2310	
S		2390	CS12			316 2310	
S		4154	CS12			217 2310	
S		4183	CS12			214 2310	
S		5103	CS12			218 2310	
S		6154	CS12			212 2310	
S		7105	CS12			313 2310	
S		7445	CS12			410 2310	
		EOH					

DDH 76-U183

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

Logged By: PN

Sampled By:

Code	From	To	Sample No.	Description		
1	10 14	16 20	22 27	LENGTH	REC.	UNIT
P	100	116	151218	1.6		4E 4
P	116	130	151219	1.4		4A 0
P	130	145	151310	1.5		4A 3
P	145	160	151310	1.5		4A 3
P	160	175	151311	1.5		4A 4
P	175	197	151312	1.2		4A 4
P	197	111 2	151313	1.5		4E 4
P	111 2	112 7	151314	1.5		4E 4
P	112 7	114 2	151315	1.5		4E 4
P	114 2	115 7	151316	1.5		4E 4
P	115 7	117 2	151317	1.5		4E 4
P	117 2	118 3	151318	1.1		4E 4
P	118 3	121 0 3	151319	2.0		4D 4
P	121 0 3	121 9	151410	1.6		4D 4

FAULT

DDH FAGU 1 83 (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	107	109	XDI?					pyrite bxa } in 4E4
F		1100	XDI?					pyrite bxa }
F	1156	1183	XDI?					pyrite bxa
F	2119	2144	GT					gouge
F	3171	3175	QT					qtz vein
F	5108	5110	GT					
F	5223	5225	GT					gouge in 5BO
F	5349	5360	GT					
F	5394	5396	GT					
F		6130	GT					
F	6189	6193	GT					

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

DIAMOND DRILL RECORD

LOGGED BY STANLEY B. REAMSBOTTOM D.D.H. Nº 76-U-183 PAGE 1

PROPERTY GRUM JOINT VENTURE

LATITUDE 10,623.25 2N STARTED SEPTEMBER 7, 1976

DEPARTURE 7,704.20 68W COMPLETED SEPTEMBER 8, 1976

ELEVATION 1,171.19 PROPOSED DEPTH

ULTIMATE DEPTH 76.2m

HOLE SURVEY:		
DEPTH	BEARING	DIP
COLLAR	231° 50'	-29° 50'

CLAIM Nº

N

DIRECTION AND DISTANCE FROM N.E. CLAIM POST

Interval From	Interval To	DESCRIPTION	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
0	1.6	MASSIVE BANDED PYRITIC SULPHIDE (MBx). 80 15	1.5	B216	0	1.5	1.5	6.27	13.71	110.1			9.41	20.57	165.09
		Fine grained magnetite, pyrite, sphalerite, galena, which is													
		locally brecciated (lm.). Banding parallels core axis.													
		CA: 1.2 - 7°.													
1.6	9.7	RIBBON BANDED QUARTZ-GRAPHITE SULPHIDE (PBgx). 25 2-4	1.5	B217	1.5	3.0	1.5	3.50	2.55	47.31			5.25	3.83	70.97
		Quartz-py laminae (3-4m.) alternating with black 50 2-4	1.5	B218	3.0	4.5	1.5	1.68	2.55	30.17			2.52	3.83	45.26
		graphitic cherty laminae. F banding parallels core. 45 2-4	1.5	B219	4.5	6.0	1.5	2.13	4.00	35.31			3.20	6.00	52.97
		Local massive pyrite bands at 3.4-4.4; 4.6-5.6. These 30 2-4	1.5	B220	6.0	7.5	1.5	3.33	3.65	43.54			5.00	5.48	65.31
		again possibly thin; parallel to core. Sulphide: 30- 30 2-4	1.0	B221	7.5	8.5	1.0	1.05	2.45	22.29			1.05	2.45	22.29
		50%; pyrite: minor, sphalerite galena. Note Bx zone 30 6-8	1.2	B222	8.5	9.7	1.2	6.11	8.16	70.63			7.33	9.79	84.76
		8-8.7m.													
		CA: 2 - F 25' 4 - F - 10; 6 - F - 10; 8 - F - 30, 10 -		W.Av.	0	3.0	3.0	4.89	8.13	78.69			14.66	24.40	236.06
		F - 35.		W.Av.	4.5	7.5	3.0	2.73	3.83	39.43			8.20	11.48	118.28

LOGGED BY _____ D.D.H. NO 76-U-183 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
9.7	21.8	MASSIVE BANDED PYRITIC, SPHALERITE-RICH SULFIDE (MBvx).													
		Locally the sulphide has a porous, vuggy texture and 80 +15	1.5	B223	9.7	11.2	1.5	5.91	11.75	76.80			8.87	17.63	115.20
		has also been brecciated. These Bx. zones (9.7-10.2; 80 20	1.5	B224	11.2	12.7	1.5	7.46	14.93	103.9			11.19	22.40	115.84
		11-11.3; 12.7-13.0) have been recemented by fine 80 20	1.5	B225	12.7	14.2	1.5	7.28	12.71	114.2			10.92	19.07	171.26
		grained sulphide. Locally sulphide has flecks of ser- 70 12	1.5	B226	14.2	15.7	1.5	3.80	7.95	67.54			5.70	11.93	101.31
		phyllite, and ankerite. Grade varies 10-20% PbZn; 75 20	1.5	B227	15.7	17.2	1.5	4.98	8.08	69.60			7.47	12.12	104.4
		averages 15%. Note extensive sulphide - Bx zone 13.7- 80 15	1.5	B228	17.2	18.7	1.5	5.68	12.05	74.74			8.52	18.08	112.11
		19.8. Sulphides in this section vuggy, porous, sph- 80 +20	1.5	B229	18.7	20.2	1.5	7.61	21.12	134.1			11.42	31.68	201.09
		rich. Last 2m. has sericite-mariposite inclusions. 75 18-20	1.6	B230	20.2	21.8	1.6	8.72	19.99	151.2			13.95	31.98	241.92
		CA: 12 = F_1 = 25; 14 = F_1 = 7 parallel to core; 16 = Bx;		W.Av.	8.5	21.8	13.3	6.42	13.13	96.83			85.37	174.86	1287.9
		18 = Bx; 20 = F_1 = 15 = folded.		W.Av.	14.2	17.2	3.0	4.39	8.02	68.57			13.17	24.05	205.71
				W.Av.	0	21.8	21.8	5.13	9.95	78.4			111.80	216.84	1709.8
21.8	32.0	GRAY QUARTZ-SERICITE PHYLLITE (S).	1.1		22.9	24.4	1.5								
		Lustrous, barren, mica-rich phyllite. Rock broken and													
		gouged 21.8-24.4. Note F_2 foliation mainly sub-parallel to													
		core axis. Local thin sericite (white) rich zones 0.1-0.3m.													
		Thin quartz-veins, some with green chlorite knots.													
		CA: 22 = F_2 = 40; 24 = F_2 = 4°; 26 = F_2 = 5°; 28 = F_2 = 6,													
		F_2 80 (folds); 30 = F_1 = 65, F_2 = 18 folds, same dip;													
		32 = F_1 = 24													

LOGGED BY _____ D.D.H. NO 76-U-183 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
32.0	35.6	WHITE-CREAM BLEACHED QUARTZ-SERICITE PHYLLITE (Sb).													
		With thin band of sulphide 34.7-35.2. Pyrite, magnetite,													
		minor sphalerite, 2-3% PbZn. F_2 sub-parallel to core axis.													
		CA: 34 = 21 F_2 ; 36 = F_2 = 18.													
	76.2	GRAY QUARTZ-SERICITE PHYLLITE (Ssb).													
		With thin zones of slight bleached sericite-rich phyllite.													
		Quartz veins 37-37.5; buff ankerite in bleached sericite													
		zones (39-40). F_2 fold zone 39-43m. Minor pyrite blebs,													
		some sphalerite at 42.6.													
		CA: 38 = F_2 = 30; 40 = F_2 19; 42 = F_1 25, F_2 30 oppisite													
		dip.													
		Unit becomes more striped quartz-rich from 44m on. Also thin													
		graphitic zone at 48-48.8. Many small-scale F_2 folds from													
		44 on. Local Py in quartz-carb. veins. Broken-fracture	0.7		54.9	56.4	1.5								
		gouge zone 51-64m. Fractured rock recemented by white cry-	0.5		56.4	57.9	1.5								
		stalline calcite 54.8-56.0. Recovery poor.	0.5		57.9	59.4	1.5								
			0.5		59.4	61.0	1.6								
			0.4		61.0	62.5	1.5								
			0.5		62.5	64.0	1.5								
			1.1		64.0	65.5	1.5								

LOGGED BY _____ D.D.H. NO. 76-U-183 PAGE 4

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		CA: 44 = F_1 70, F_2 20 same dip; 46 = F_1 = 70, F_2 = 9 same dip; 48 = F_1 = 65, F_2 30 oppisite dip; 50 = F_1 = 32; 52 = F_1 = 4; 54 = F_2 25 F ; 56 = Bx. zone; 58 = F_2 = 15, fault slips; 60 = F_2 = 11; 62 = F_2 = 10; 64 = F_2 = 10	0.9		68.6	70.1	1.5								
		66 = F_1 = 85, F_2 11 oppisite dip; 68 = F_1 = 45, F_2 = 18 oppisite dip; 70 = F_2 26 F ; 72 = F_2 = 36; 74 = F_1 = 60, F_2 35 oppisite dip.													
	76.2	END OF HOLE.													

DDH	SAMPLE	----DEPTHS--- FROM	TO	INT M	REC %	ROCK UNIT	S.G.	CU %	PB %	ZN %	AG G/MT	AU G/MT	PO %	PY %	BAO %	PB+ZN %	PO+PY %	ZN RATIO
FAGU185	9C607	6.1	7.6	1.5	87	4A0			1.23	1.85	20.2					3.08		.60
	9C608	7.6	9.1	1.5	87	4A34			6.43	14.02	93.9					20.45		.69
	9C609	9.1	10.7	1.6	100	4A34			6.83	15.27	110.1					22.10		.69
	90610	10.7	12.2	1.5	100	4DE4			5.86	11.84	66.5					17.70		.67
	9C611	12.2	13.7	1.5	100	4E4			7.81	15.99	84.7					23.80		.67
	9C612	13.7	15.2	1.5	100	4E4			6.43	11.59	84.7					18.02		.64
	90613	15.2	16.8	1.6	100	4E4			8.11	17.43	104.9					25.54		.68
	9C614	16.8	18.3	1.5	100	4D4			10.47	26.45	172.5					36.92		.72
	9C615	18.3	19.8	1.5	100	4034			6.23	17.52	90.9					23.75		.74
	9C616	19.8	20.5	.7	100	4034			9.69	20.65	141.3					30.34		.68
	90617	57.9	58.6	.7	100	4E46			5.50	9.70	80.6					15.20		.64

DDH	SAMPLE	ROCK UNIT	NORMATIVE MINERALS - WEIGHT % CPY	GA	SP	PO	PY	BAR	OTHER	*	NORMATIVE MINERALS - VOLUME % CPY	GA	SP	PO	PY	BAR	OTHER
FAGU185	9C607	4A0		1.42	2.76				95.82	*							
	9C608	4A34		7.43	20.90				71.67	*							
	9C609	4A34		7.89	22.76				69.35	*							
	9C610	4DE4		6.77	17.65				75.58	*							
	9C611	4E4		9.02	23.84				67.14	*							
	9C612	4E4		7.43	17.28				75.30	*							
	9C613	4E4		9.37	25.98				64.65	*							
	9C614	4D4		12.09	39.43				48.48	*							
	9C615	4D34		7.20	26.12				66.69	*							
	9C616	4D34		11.19	30.79				58.02	*							
	9C617	4E46		6.35	14.46				79.19	*							

DRILL HOLE : FAGU185
NORTHING : 904,810.7
EASTING : 592,422.4
ELEVATION : 1,164.8
TOTAL DEPTH : 91.4
SECTION : W 67
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS ORE-SAMPLES: 11
NOS DOWN-H-SURVEYS: 1
NOS DOWN-H-LITHOLOGY: 25
NOS DOWN-H-STRUCTURE: 15
NOS DOWN-H-FAULTS: 46
NOS DOWN-H-SPLINES: 1
NOS COMPOSITES: 0

DDH: FAGU135 UTM-N: 904,810.7 UTM-E: 592,422.4 UTM-ELEV: 1,164.8 TOTAL DEPTH: 91.4 SECTION: W 67
RFE: S2 RFE DIR: 280 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DEPTHS FROM	DEPTHS TO	SAMPLE NO.	INT.	REC.	ROCK UNIT	ASSAYS S.G. PULP	CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
6.1	7.6	90607	1.5	1.3	4A0			1.23	1.85	20.20											
7.6	9.1	90608	1.5	1.3	4A34			6.43	14.02	93.90											
9.1	10.7	90609	1.6	1.6	4A34			6.83	15.27	110.10											
10.7	12.2	90610	1.5	1.5	4DE4			5.86	11.84	66.50											
12.2	13.7	90611	1.5	1.5	4E4			7.81	15.99	84.70											
13.7	15.2	90612	1.5	1.5	4E4			6.43	11.59	84.70											
15.2	16.8	90613	1.6	1.6	4E4			8.11	17.43	104.90											
16.8	18.3	90614	1.5	1.5	4D4			10.47	20.45	172.50											
18.3	19.8	90615	1.5	1.5	4D34			6.23	17.52	90.90											
19.8	20.5	90616	.7	.7	4D34			9.69	20.65	141.30											
57.9	58.6	90617	.7	.7	4E46			5.50	9.70	80.60											
WEIGHTED AVERAGE																					
6.1	20.5		14.4	14.0				6.76	14.97	94.65											
57.9	58.6		.7	.7				5.50	9.70	80.60											

DDH: FAGU185 UTM-N: 904,810.7 UTM-E: 592,422.4 UTM-ELEV: 1,164.8 TOTAL DEPTH: 91.4 SECTION: W 67
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	86.400	222.300

DDH: FAGU185 UTM-N: 904,810.7 UTM-E: 592,422.4 UTM-ELEV: 1,164.8 TOTAL DEPTH: 91.4 SECTION: W 67
RFE: 52 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	INC
3.0	0001	3G0		0.5-	1
4.5	0002	4C0	[4L12 &4 -> 4C5]	0.5-	1
5.1	0003	5D4*	SHEARED	0.5-	1
7.4	0004	4AC	& BXA (4C0) T.O.I. 85:15	0.5-	1
10.7	0005	4A34	MICROBXA	0.5-	1
11.1	0006	4D4	&5 (4E0) T.O.I. MICROBXA	0.5-	1
16.8	0007	4E4	& PORCUS	0.5-	1
17.3	0008	4D4	BXA [4E441 BXA]	0.5-	1
17.5	0009	4C0		0.5-	1
17.8	0010	4D4	BXA	0.5-	1
20.1	0011	4D34	BXA [4E41 BXA]	0.5-	1
20.5	0012	4D4	BXA [4J1 BXA]	0.5-	1
25.9	0013	3G4	-> (4L0) (10Q$) MINOR	0.5-	1
29.0	0014	3G0	&9 GOUGE RUBBLE	0.5-	1
30.3	0015	4LC	-> 3G48 (10Q$)	0.5-	1
37.4	0016	5A6*	-> (3G9*) E.O.I. 40:60	0.5-	1
39.5	0017	5B20	(5B80) E.O.I. 50:50	0.5-	1
41.4	0018	5A3	(10Q#) 90:10	0.5-	1
57.9	0019	5B6$	2 (10Q# CHLOR) T.O.I.	0.5-	1
58.6	0020	4E46	(4G4)	0.5-	1
59.5	0021	5A19	(10Q$ PY)	0.5-	1
59.7	0022	5C4*		0.5-	1
61.0	0023	4C0		0.5-	1
80.1	0024	5A$	&0->(5B62&$)(10Q$)25:75:MINOR	0.5-	1
91.4	0025	5B0	&$ &8 &2 LOCALLY -> 5B3	0.5-	1

DDH: FAGU185 UTM-N: 904,810.7 UTM-E: 592,422.4 UTM-ELEV: 1,164.8 TOTAL DEPTH: 91.4 SECTION: W 67
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
FAGU185	0.0	2.0	CS2		0	0	0	0	5	230	0	1	1	1
FAGU185	0.0	3.3	PS2	P	0	0	0	0	55	230	0	1	1	1
FAGU185	0.0	7.3	CS2		0	0	0	0	55	230	0	1	1	1
FAGU185	0.0	12.7	PS2	P	0	0	0	0	50	230	0	1	1	1
FAGU185	0.0	21.1	PS2	P	0	0	0	0	50	230	0	1	1	1
FAGU185	0.0	24.2	PS2	P	0	0	0	0	45	230	0	1	1	1
FAGU185	0.0	33.7	CS2		0	0	0	0	10	230	0	1	1	1
FAGU185	0.0	38.0	CS2		0	0	0	0	30	230	0	1	1	1
FAGU185	0.0	45.2	PS2	P	0	0	0	0	40	230	0	1	1	1
FAGU185	0.0	50.0	CS2		0	0	0	0	30	230	0	1	1	1
FAGU185	0.0	65.2	PS2	P	0	0	0	0	15	230	0	1	1	1
FAGU185	0.0	76.2	PS2	P	0	0	0	0	10	230	0	1	1	1
FAGU185	0.0	82.3	PS2	P	0	0	0	0	15	230	0	1	1	1
FAGU185	0.0	86.4	CS2		0	0	0	0	15	230	0	1	1	1
FAGU185	0.0	89.0	CS2		0	0	0	0	20	230	0	1	1	1

DDH: FAGU185 UTM-N: 904,910.7 UTM-E: 592,422.4 UTM-ELEV: 1,164.8 TOTAL DEPTH: 91.4 SECTION: W 67
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	REC CD	PARLL	UPPER PLANE		INTERNAL PLANE		LOWER PLANE		DHD
FAGU185	0.1	1.5	NP			0	0	C	C	0	0	1
FAGU185	0.0	2.7	1G			0	0	C	C	0	0	1
FAGU185	1.5	3.0	P1G	6		0	0	C	C	0	0	1
FAGU185	3.0	4.5	B			0	0	C	C	0	0	1
FAGU185	0.0	4.5	1R			0	0	C	C	0	0	1
FAGU185	4.5	5.1	S2B			0	0	C	C	0	0	1
FAGU185	6.1	7.4	X3B			0	0	C	C	0	0	1
FAGU185	6.1	7.4	RGP			0	0	C	C	0	0	1
FAGU185	7.4	11.1	D2B			0	0	C	C	0	0	1
FAGU185	0.0	12.1	1R			0	0	C	C	0	0	1
FAGU185	0.0	15.7	1R			0	0	C	C	0	0	1
FAGU185	0.0	15.8	1R			0	0	C	C	0	0	1
FAGU185	15.2	15.9	D			0	0	C	C	0	0	1
FAGU185	16.8	17.3	D			0	0	C	C	0	0	1
FAGU185	17.8	20.5	D			0	0	C	C	0	0	1
FAGU185	24.4	25.9	P	2		0	0	C	C	0	0	1
FAGU185	25.9	27.4	P	4		0	0	C	C	0	0	1
FAGU185	22.4	29.0	GR			0	0	C	C	0	0	1
FAGU185	27.4	29.0	P	6		0	0	C	C	0	0	1
FAGU185	29.0	30.3	3B			0	0	C	C	0	0	1
FAGU185	30.3	30.5	GP	5		0	0	C	C	0	0	1
FAGU185	31.1	32.0	G			0	0	C	C	0	0	1
FAGU185	30.3	33.3	GRP			0	0	C	C	0	0	1
FAGU185	32.7	33.3	G			0	0	C	C	0	0	1
FAGU185	33.3	35.6	2B			0	0	C	C	0	0	1
FAGU185	41.4	43.2	Q			0	0	99	999	0	0	1
FAGU185	49.2	50.0	G			0	0	C	C	0	0	1
FAGU185	51.8	53.3	P	2		0	0	C	C	0	0	1
FAGU185	53.3	54.9	NP			0	0	C	C	0	0	1
FAGU185	54.9	56.3	PBR	7		0	0	C	C	0	0	1
FAGU185	48.4	57.9	GBP			0	0	C	C	0	0	1
FAGU185	56.3	57.9	PBR	1		0	0	C	C	0	0	1
FAGU185	58.6	59.5	PB	1		0	0	C	C	0	0	1
FAGU185	59.5	59.7	BR			0	0	C	C	0	0	1
FAGU185	59.7	61.0	BXD			0	0	C	C	0	0	1
FAGU185	61.0	62.5	PBR	C		0	0	C	C	0	0	1
FAGU185	0.0	64.0	1G			0	0	C	C	0	0	1
FAGU185	62.5	65.5	PBR	5		0	0	C	C	0	0	1
FAGU185	0.0	66.0	1G			0	0	C	C	0	0	1
FAGU185	73.2	74.7	PBR	4		0	0	C	C	0	0	1
FAGU185	74.9	75.2	G			99	999	C	C	0	0	1
FAGU185	74.7	76.2	PBR	7		0	0	C	C	0	0	1
FAGU185	0.0	80.1	1G			0	0	C	C	0	0	1
FAGU185	0.0	88.5	1G			0	0	C	C	0	0	1
FAGU185	0.0	90.8	1G			0	0	C	C	0	0	1
FAGU185	80.1	91.4	2BP			0	0	C	C	0	0	1

DDH: FAGU185 UTM-N: 904,810.7 UTM-E: 592,422.4 UTM-ELEV: 1,104.8 TOTAL DEPTH: 91.4 SECTION: W 67
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGU185	1	1

KERR ADDI ASSAYS. 67W

CYPRUS ANVIL MINING CORPORATION Page 1 of 8

DIAMOND DRILL CORE LOG Date: _____

Hole Number: FAG U 185

Project: GRUM

Location: 67 W

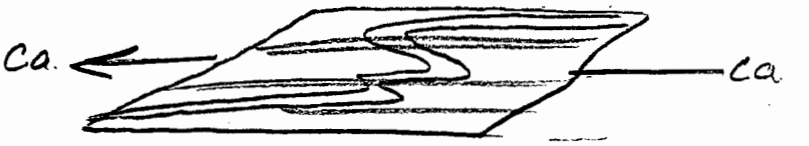
Claim: _____

Terr.Plane Co-ords.: 904810.7 N

592422.4 E

Grid Co-ords: _____

Reference Fabric Orientation Diagram:



All symmetry determinations looking

Elevation: 1164.8 NW with S2 dipping

Total Depth: 91.4 SW with dip azimuth 230.

Purpose: _____

Reason hole Terminated: _____

Logged by: GAJ. / TOC

Date(s) Logged: 24 AUG 82

Drilling Contractor: _____

Size	CORE From	To

Collar Cased and Capped: _____

Hole Cemented: _____

Steel down hole: _____

Started: _____ Completed: _____

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

Cyprus Anvil Mining Corp.

DDH FAGU-85-2-8 Diamond Drill Core Log Date: _____ Logged By: _____

Code	Drillhole	Elevation	Northing	Easting	Units (feet/metres)	R.F.E.	
1	2 8	10 16	17 24	25 32	34 39	41 42	
T	FAGU-85-2-8	1164.8	9014810.7	592142.4	METERS	52	

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2 8	10 14	22 26	28 32	34 56
R	FAGU-85-2-8	100	88.4	222.3 for True North	AT COLLAR

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

DDH F A G 4 1 8 5 (2 / 8) Cyprus Anvil Mining Corp. Page 3 of 8

Lithologic Log Date: AUG 24/82. Logged By: GAJ/TDC

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	0 0	3 0		1	3 G 0	Medium - Dk. Medgy. phyll - non-calc, non-dolo
L						(0-1.5 no recov.) (1.5-3.0 - 0.9m recov.)
						v recov grunts
						minor IND. gouge 2.7, local IND gouge
L	3 0	4 5		2	4 C 0	[4L12±4 ⇒ 4C5] cream folia at top, medgry
						at bottom, broken but good recov. .1m of
						rubble at base
L	4 5	5 1		3	5 D 4 *	Sheared, core is mod. broken
L	5 1	7 4		4	4 A 0	± bx (4C0) 4C0 in top .2m adj. to
						overlying 5D4*. bx occurs 6.1 to 7.4
						consists of sulfide fragments in a blackrock flour
						matrix appears to be fault bx, fault at base 70°-x.A
						v. broken, local rubble, IND gouge 6.1, mod.
						recovery.
L	7 4	10 7		5	4 A 3 4	ext. micro bx, ϖ Silicate frags. in Sulphide
						matrix, appears ductile flow bx., approx.
						50% total sulphides Py: 2 Sphal
						good 4A banding, mod. broken (split), no gouge
L	10 7	11 1		6	4 D 4 ±	5 (4E0) -> in top .4m of unit, 4D45 is
						ext. micro bx'd. Mod. broken, no gouge
L	11 1	16 8		7	4 E 4 ±	porous. Well-banded massive Sulphs.
						local 'sulph in sulph' bx (15.2-15.9), intact, rubble at 12.1 15.7, 15.9
L	16 8	17 3		8	4 D 4 4	micro bx ϖ QGO fragments. v. high grade
						→ 80% sulphs, dominant = Sphal, [4E44 bx]
						intact (split), no gouge.
L	17 3	17 5		9	4 C 0	good banding. intact (split)
L	17 5	17 8		10	4 D 4 4	bx as Unit #9. intact (split)
L	17 8	20 1		11	4 D 3	bx [4E41 bx] consists of white quartzose
						clasts with minor sulphides in massive
						sulph matrix. ~70% tot. Sulphs Py: 2or3 Sphal
						entire is bx'd (Ductile flow) probably
						originally interbanded quartzose units and
						massive sulph. units now homogenous bx
L	20 1	20 5		12	4 D 4 4	bx. Quartzose clasts in near massive sulph.
						matrix Sphal >>> Py. v.high grade
						[4L1 bx] as above units.

DDH F A G U 1 8 5 (2 / 8) Cyprus Anvil Mining Corp. Page 4 of 8

Lithologic Log Date: Au Logged By:

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	210 5	215 9		13	3G4	⇒ 4LO mod→Ht. gray non-calc, bleached phyllite, locally w greenish tinge ⇒ greenish/cream 4L. (OQ* dolo)→1% TOI (contact) may be a fault (IND). mod. broken to intact, 22.4 →EOI = gouge & rabble, all indeterminate, .4m recov 24.4-25.9
L	259	290		14	3G0±	9 entirely gouged & rubbly, up & low IND., internal fabric uncertain but appears both steep gouge and also 11 Sc presumably a fault zone continued from 24.4, recov. grunks, 25.9-27.4 = .6m 27.4-29.0 = 1.0m (max)
L	290	303		15	4L0	⇒ 3G48 (OQ* dolo). Ht green/cream→ green/gray non-calc phyll. appears bleached 3G. mod→intensly broken NB. lower contact uncertain as unit is entirely within a zone which includes .4m core loss (assumption is made that loss is in next unit). lower is gouged, IND. Upper is insipient gouge, also IND.
L	303	374		16	5A6*	⇒ 3G9*. 5A6 mainly above 33.0m, 3G9* below. Above 33.3, rocks ext. broken, heavily gouged, below are mod broken → mod intact gouges: To 1 30.5, IND Upper & low; 1m rec; 30.1-32.0, IND Upper & lower, internal gouge at ∿45° to C.A. recov. good; 32.7-33.3, IND Upper & lower though upper could, but isn't necessarily, but may be. (who knows?) 11 Sc. Remainder is not gouged, mod. broken→35.6, intact below. Presumably this is part of maj fault from 24.4 to 33.3.

DDH EAG-82-85 Cyprus Anvil Mining Corp. Page 5 of 8

Lithologic Log Date: Aug 24/82 Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
L	37.4	39.5		17	SBZO	Last ½ is chloritic, maybe SBZO
						Intact, all there
L	39.5	41.4		18	SA3	(OQ* calcitic) 90:10, most OQ* in
						upper .4 m, black, v. calc. phyllite
						± H. gray quartzose + carbonate bands
						intact, 100% recov.
L	41.4	57.9		19	SBG*	Z. (OQ* calcitic + chlorite) most
						OQ* above 43.2 where it is 70% of core,
						appears to be two approx ∥ S_2 lenses
						running down C.A. Dolomite occurs
						in gd, H. gray quartz-bearing bands
						Intact to 48.4, from 48.4-57.9 are
						v. broken to mod. broken, mod. gouge,
						sections of poor recovery
						gouges: 49.2 - 50.0, Upper IND as is lower,
						internal fabric suggests (though uncertainly) a
						possibly steep fault; 53.3 - 54.9 - no recovery
						("mud seam"), insipient gouge ∥ S_2 below 54.9
						but none recovered.
						Recovs.: 51.8 - 53.3 = 0.4m; 53.3 - 54.9 - 0m;
						54.9 - 56.3 ≈ 1.0m; 56.3 - 57.9 = .3m
						rubble; broken core (gouge? - not recov'ed)
						From maj. gouge (noted) to EOI, rocks
						are crackle bx'd and are healed
						by quartz; dolo
L	57.9	58.6	10	20	E4G	(464) Well-banded, massive baritic sulphides
						No bx seen, intact though split
						NB Lower is uncertain due to low
						recov. from 57.9 - 59.4 = 0.8m. Recov. is
						assumed to be lost in next unit due to
						solidity of sulphides. Upper; lower against
						indeterminate rubble
L	58.6	59.5	10	21	SA19	(OQ* ± pyrite; dolomite) 0.1m recovery
						(see note above), rocks are broken
L	59.5	59.7	10	22	SC4*	entirely broken, rubbly, contacts IND
						highly rich in FUCHITE

DDH FAGU-85-2-8 **Cyprus Anvil Mining Corp.** Page 6 of 8

Lithologic Log Date: Aug 24/82 Logged By: GAJ/TDC.

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	1597	1610		23	4C01	Low total sulphides, ~10% mainly Py. Broken, bx'd.
L	1610	1801		24	5A*±	0 => (downwards) 5B62± * (OQ* dolo)
						5A: mainly above 65.5m, v. broken, rubbly, w zones of poor recov & IND gouge, local sphal in S_2 II veins w bx texture (65:3), clasts in bx are S_2 foliated, so appear to be late-stage injection II S_2;
						Local sections close to 360 below 75 m Rocks range intact -> rubble, many zones of gouge & poor recov.
						gouges: (Main) 74.9-75.2, upper II S_2, lower IND; (Lesser) at end of unit, near 64m & 66m - all IND.
						recovs: 61.0-62.5 = 0.1m; 62.5-64.0 = 0.8m; 64.0-65.5 = 0.8m; 73.2-74.7 = 0.7m; 74.7-76.2 = 1.1m; Undefined portions of unit (ie not already noted) have good recovery
L	8091	9114		25	5B0±	*±8, locally ±2. Rocks => 5B3
						Unit is slightly rusty weathering med gray to lt gray v. calcareous phyllite. Has good lithons, commonly cast greenish, esp below 88m, could be considered 5B80. Mod. broken, poor recovery, no significant gouge. Upper may be fault at 10° to C.A., but mostly drilled away. Minor gouge near 88.5, IND. 2 small fault zones at 90.8 60° to C.A., and another at 90° to C.A but are v. 'nuisance value' material.
						Rocks contain both calcite & dolomite, however calcite >>> dolomite, dolomite is only locally zoned ~0.5 m long and restricted to above 87.0 m.
						EOH.

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

DDH F.A.G.u.1.8.5 (2 8)

Cyprus Anvil Mining Corp.

Structural Log

Date: Aug. 24/82 Logged By: _____

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
S	12	0	CS12				015 23 10	
S	23	3	INID	P			515	
S	173		CS12				515	
S	1127		INID	P			510	R bond
S	2117		INID	P			510	
S	2142		IND	P			415	24.4-33.3 F/Bx
S	3337		CS12				110	
S	3380		CS12				310	
S	14152		INID	P			410	
S	15100		CS12				30	S2 NR. 11 Cax.
S	16152		INID	P			15	
S	17162		INID	P			110	
S	18123		INID	P			15	
S	18164		CS12				15	
S	18190		CS12				210	
								EOH 91.4

KERR ADDI ASSAYS

DDH FAG4185 Cyprus Anvil Mining Corp

Logged by DSJ/GAJ.

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

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
	10 14	16 20	22 26	28 30	32 34	36 40	42
P	167	176	901607	15	13	4A01	
P	176	191	901608	15	13	4A314	
P	191	1107	901609	16	16	4A314	
P	1107	1122	901610	15	15	4D41	(4E4) 50/50
P	1122	1137	901611	15	15	4E41	
P	1137	1152	901612	15	15	4E41	
P	1152	1168	901613	16	16	4F4	
P	1168	1183	901614	15	15	4D4	(4C0) .2m (404) .3m
P	1183	1198	901615	15	15	4D31	
P	1198	205	901616	07	07	4D314	
P	5579	5586	901617	07	07	4E416	

Metres

FAULT

DDH FAGU 185 (2 / 8) Cyprus Anvil Mining Corp. Page ____ of ____

Structural Log Date: ____ Logged By: ____

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
F	10	15	N1P1					no recovry
F	15	130	P1/G	6				0.9m/1.5m, minor IND gouge
F		127	1/G					local IND gouge
F	130	145	B1					broken — good recovry
F		143	1/R					0.1m rubble
F	145	151	S2B					sheared, mod. broken
F	161	174	X3B					bxa, sulphide frags in black rock flour matrix, at base fault 70° C.A. v. broken
F	161	174	R1GP					local rubble, IND gouge @ 6.1m, moderate recovry
F	174	1111	D2B					extensive microbxa w/ silicate frags in sulphide matrix, mod. broken — no gouge
F		1121	1R					?
F		1157	1R					rubble
F		1158	1R					
F	1152	1159	D1					sulphide in sulphide bxa
F	1168	1173	D1					microbxa w/ 10Q frags, no gouge
F	1178	1205	D1					white qtz eye clasts in massive sulphide matrix
F	1212	1219	GR					gouge & rubbly IND
F	1244	1259	P1	2				0.4m/1.5m
F	1259	1274	P1	4				0.6m/1.5m
F	1274	1290	P1	6				1.0m/1.6m
F	1290	1303	3B					intensely broken
F	1303	1333	GRP					extensively broken, heavily gouged
F	1303	1305	G1P	5				0.1m/0.2m IND
F	1311	1320	G1					gouge IND, 45° C.A. recovry good
F	1327	1333	G1					IND
F	1333	1356	2B					mod. broken
F	414	432	Q1			9999		10Q is 70% core

both steep // S_2

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

Metres

FAULT

DDH FAGU 185 Cyprus Anvil Mining Corp. Page ____ of ____

Structural Log Date: ____ Logged By: ____

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
	10 14	16 20	22 24	26	28 32	34 38	40 44	
F	1418 4	1517 9	GBP					V. brken to mod. brken, mod. gauge, sections of poor recovery
F	1419 2	1500	G					IND, steep fault suggested by internal fabric
F	1533	1549	NP					"mud seam" - no recovery
F	1518	1533	P	2				0.4m / 1.5m
F	1549	1563	PBR	7				brken core & rubble 1.0m / 1.4m
F	1563	1579	PBR	1				0.3m / 1.6m
F	1586	1595	PB	1				0.1m / 0.9m brken
F	1595	1597	BR					brken & rubbly
F	1597	1610	BXD					brken, bxiated
F	1610	1625	PBR	0				0.1m / 1.5m
F	1625	1655	PBR	5				1.6m / 3.0m
F	1732	1747	PBR	4				0.7m / 1.5m
F	1747	1762	PBR	7				1.1m / 1.5m
F	1749	1752	G		999 9999			gauge
F		1640	IG					minor gauge
F		1660	IG					minor gauge
F		1801	IG					minor gauge, 10° C.A.
		1805	IG					minor IND gauge
		1910	IG					minor IND gauge 60° C.A. & 40° C.A.
	1807	1914	BP					mod. brken, poor recovery

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

DIAMOND DRILL RECORD

LOGGED BY JIM PAXTON

D.D.H. Nº 76-U-185 PAGE 1

PROPERTY GRUM JOINT VENTURE

LATITUDE 10,600.75 2N STARTED SEPTEMBER 8, 1976

DEPARTURE 7,723.40 67W COMPLETED SEPTEMBER 9, 1976

ELEVATION 1,175.36 PROPOSED DEPTH

ULTIMATE DEPTH 91.4m

HOLE SURVEY:		
DEPTH	BEARING	DIP
COLLAR	224° 29'	+1° 36'

CLAIM Nº

N

DIRECTION AND DISTANCE FROM N.E. CLAIM POST

Interval From	Interval To	DESCRIPTION	Py PbZ	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	1.5	CORE GROUND AT COLLAR.														
1.5	3.0	SERICITE PHYLLITE (S).		0.7/1.5												
		Soft, silvery, friable, gray sericite. F (?) = 0-20°.														
			15 5	1.3/1.5	B190	6.1	7.6	1.5	1.23	1.85	20.23					
3.0	5.5	BLEACHED QUARTZ SERICITE (Sb). Rec. 2.0/2.5	50 15	1.3/1.5	B191	7.6	9.1	1.5	6.43	14.02	93.94			9.65	21.03	140.91
		Flecks of green mariposite.	50 20	1.6/1.6	B192	9.1	10.7	1.6	6.83	15.27	110.1			10.93	24.43	176.10
		Irregular bands of sulphides - trace?	70 20	1.5/1.5	B193	10.7	12.2	1.5	5.86	11.84	66.51			8.79	17.76	99.77
			70 20	1.5/1.5	B194	12.2	13.7	1.5	7.81	15.99	84.69			11.72	23.99	127.04
5.5	7.4	BRECCIA (MXg).	70 20	1.5/1.5	B195	13.7	15.2	1.5	6.43	11.59	84.69			9.65	17.39	127.04
		Angular fragments of sulphide rock in a black	70 30	1.6/1.6	B196	15.2	16.8	1.6	8.11	17.43	104.9			12.98	27.89	167.87
		graphitic groundmass.	70 30	1.5/1.5	B197	16.8	18.3	1.5	10.47	26.45	172.5			15.71	39.68	258.69
			65 20	1.5/1.5	B198	18.3	19.8	1.5	6.23	17.52	90.86			9.35	26.28	136.29
7.4	10.7	QUARTZ SULPHIDE (P).	65 20	0.7/0.7	B199	19.8	20.5	0.7	9.69	20.65	141.3			6.78	14.46	98.88
		Bands of quartz-sericite in brown sphalerite-pyrite														
		mixture at 20°.			W.Av.	7.6	20.5	12.9	7.41	16.50	103.3			95.56	212.91	1332.6

LOGGED BY _____ D.D.H. NO 76-U-185 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
10.7	20.5	MASSIVE SULPHIDE (M) (MB+MV).													
		Brown to red brown colour. Occasional streaky composition													
		banding at 45°. Local small vuggy sections (MV). Contacts													
		sharp 45° at 75° to F_2. F_2 @ 30° to CA.													
20.5	24.4	BLEACHED SERICITE PHYLLITE (Sb) to (S).	3.5/3.9												
		Grades to silvery friable sericite similar to 1.5-3.0.													
		F_2 = 30°.													
24.4	33.0	FAULT ZONE.	6.0/8.6												
		24.4-25.9: White gouge.													
		25.9-29.0: Dark gray gouge.													
		29.0-30.0: Bleached sericite (Sb) and gouge.													
		30.0-33.0: Graphitic Phyllite (G) plus black gouge.													
33.0	36.5	QUARTZ GRAPHITE PHYLLITE (G).	3.5/3.5												
		Wavey F_2 0° to 30° to Core Axis.													
36.5	39.6	QUARTZ SERICITE PHYLLITE (S).	3.0/3.1												
		F_2 at 0-10°.													

LOGGED BY _____ D.D.H. NO 76-U-185 PAGE 3

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
39.6	41.3	QUARTZ GRAPHITE PHYLLITE (G).	1.7/1.7												
		Drag folded F_1 quartz bands at 0° and 30°. F_2 is axial to													
		theae folds at 30-45°.													
41.3	43.1	QUARTZ VEIN.	1.8/1.8												
		Scattered veinlets of galena. Contacts at 45°.													
43.1	57.9	QUARTZ SERICITE GRAPHITE PHYLLITE (S)(g).	13.0/14.8												
		F = 0°.													
		F_2 49.2-50.3: Fault gouge.													
		53.3-54.9: Fault gouge. Washed away.													
57.9	58.6	MASSIVE SULPHIDE (M). 70 15	0.7/0.7	B301	57.9	58.6	0.7	5.50	9.70	80.57					
		Very faint banding at 45°.													
58.6	61.0	BRECCIA.	2.4/2.4												
		Quartz, pyrite, in sericite plus chalcopyrite.													
61.0	80.0	QUARTZ SERICITE GRAPHITE PHYLLITE (Sg).	18.0/19.0												
		Strong F_2 at 10°. F_1 dragfolded axially to F_2.													

LOGGED BY _____ D.D.H. NO 76-U-185 PAGE 4

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
80.0	91.4	CHLORITE CALCITE PHYLLITE (SK).	11.0/11.4												
		Pale gray colour. Interbanded silvery sericite, flakey													
		green chlorite and laminae of white quartz-calcite drag													
		folded as in previous section and cut by F_2 @ 0-20°. Also													
		numerous tension fractures and veinlets at right angles													
		to F_2.													
	91.4	END OF HOLE.													

FAGU198

DRILL HOLE : FAGU198

NORTHING : 904,912.1

EASTING : 592,165.0

ELEVATION : 1,162.2

TOTAL DEPTH : 153.9

SECTION : W 75

R.F.E. : S2

RFE DIRECTION: 230

PLUNGE ANGLE : 11

PLUNGE DIRECT: 312

CHD CALC: 1

SS CALC: 1

DETAIL RECORD COUNTS:

NOS CRE-SAMPLES: 11

NOS DOWN-H-SURVEYS: 5

NOS DOWN-H-LITHOLOGY: 55

NOS DOWN-H-STRUCTURE: 30

NOS DOWN-H-FAULTS: 22

NOS DOWN-H-SPLINES: 5

NOS COMPOSITES: 0

DDH: PAGU198 UTM-N: 904,912.1 UTM-E: 592,165.0 UTM-ELEV: 1,162.2 TOTAL DEPTH: 153.9 SECTION: W 75
RFE: S2 RFE DIP: 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.
45.7	47.2	9C705	1.5	1.5	4BE			2.20	1.15	39.40											
47.2	49.0	9C706	1.8	1.8	4EO			2.88	1.85	42.50											
90.5	92.0	9C707	1.5	1.5	4E46			5.76	8.04	101.80											
92.0	93.5	9C708	1.5	1.5	4E46			6.65	9.70	123.10											
93.5	94.7	9C709	1.2	1.2	4E46			5.44	9.70	91.90											
134.1	135.6	9C710	1.5	1.5	4EA4			2.88	2.85	36.30											
135.6	137.1	9C711	1.5	1.5	4A1			.88	.88	13.00											
137.1	138.6	9C712	1.5	1.5	4A1			.08	.10	4.10											
146.9	148.4	9C713	1.5	1.5	4A1			1.28	1.50	20.20											
148.4	149.9	9C714	1.5	1.3	4A1			.18	.70	7.20											
149.9	151.4	9C715	1.5	1.5	4A1			1.18	1.33	23.30											
WEIGHTED AVERAGE																					
45.7	49.0		3.3	3.3				2.57	1.53	41.09											
90.5	94.7		4.2	4.2				5.98	9.10	106.57											
134.1	138.6		4.5	4.5				1.28	1.27	17.80											
146.9	151.4		4.5	4.3				.88	1.17	16.90											

DDH: FAGU198 UTM-N: 904,912.1 UTM-E: 592,165.0 UTM-ELEV: 1,162.2 TOTAL DEPTH: 155.9 SECTION: W 75
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	147.000	32.000
10.700	146.000	34.000
56.400	150.000	34.000
102.100	156.000	34.000
150.900	161.000	24.000

DDH: FAGU198 UTM-N: 904,912.1 UTM-E: 592,105.0 UTM-ELEV: 1,102.2 TOTAL DEPTH: 153.9 SECTION: W 75
RFE: 52 RFE DIP: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
3.9	0001	#		0.5-	1
6.1	0002	3G$	(10Q$)	0.5-	1
10.8	0003	3GC	(10Q$) 90:10	0.5-	1
12.6	0004	3G*	&9 (10Q*) MINOR	0.5-	1
19.3	0005	3GC	&* (5D4*)(10Q*)93:07:TRACE	0.5-	1
24.2	0006	5D6	&$(5DO)(3GC)(10Q#$)8C:10:10:TR	0.5-	1
24.8	0007	3G9	&$	0.5-	1
26.4	0008	4L24	&7 ->(3G4)(10Q*) 80:20:TRACE	0.5-	1
27.4	0009	3G4	(10Q* PO) 50:50 BXA	0.5-	1
30.0	0010	3G4	-> (4L17 &9) (10Q$) MINOR	0.5-	1
35.0	0011	3GC	&9&$(10Q$)(5E$&9)(5D$)95:2:2:1	0.5-	1
40.4	0012	4L2	&7(10QO)(4HO)(3G4 &1)85:5:5:5	0.5-	1
42.7	0013	4L27	(3G4 &1) (3G9) 70:15:15	0.5-	1
45.3	0014	4EC	&8&$(5D$)(5D4$)(4DO)4ED:5C98:2	0.5-	1
45.7	0015	4GC	&$	0.5-	1
46.1	0016	4B#		0.5-	1
49.1	0017	4EC	&7 &4 (5C4$)(4G4) 94:03:03	0.5-	1
49.7	0018	5BC	&$	0.5-	1
51.2	0019	5DC	(10Q#)	0.5-	1
54.3	0020	5BC	&$ &2 (10Q#)	0.5-	1
61.4	0021	5B80	(10Q$) 99:01	0.5-	1
63.5	0022	5B6$	(10QC &$) 98:C2	0.5-	1
63.9	0023	5D$	(10Q$) 80:20	0.5-	1
67.7	0024	5B6	&$ [3GO &$] (10Q$) 98:02	0.5-	1
70.4	0025	5B6	&$ [3GO$$](5D6$)(10C$)6C:35:5	0.5-	1
83.7	0026	3GC	&9 &$ MINOR (10QO &$) 95:05	0.5-	1
84.8	0027	3G$	&9	0.5-	1
88.9	0028	3G$9	6 -> 5A$19	0.5-	1
90.5	0029	5C*	&9 (4CO) (10Q*) 95:02:03	0.5-	1
95.3	0030	4E46	& POROUS-MINOR (4G4) 70:3C	0.5-	1
95.7	0031	4G4	&#	0.5-	1
96.2	0032	4E4		0.5-	1
97.2	0033	3GC	&9 (10Q$) 85:15	0.5-	1
98.6	0034	4L2	&4 &6 (10QO) 95:05	0.5-	1
99.6	0035	5DC	&$ (10Q#$) 8C:20	0.5-	1
103.3	0036	5B26	(5B2O)(5DO)(5C$)(5D4$)(10C$)	0.5-	1
113.4	0037	3GC	&9 &$ (10QC) TRACE	0.5-	1
118.2	0038	5B6*	&O(5AO*)LCL(5DO)(10Q#)85:15:TR	0.5-	1
120.3	0039	5DC	BIO (10Q*)	0.5-	1
120.8	0040	10C#		0.5-	1
125.6	0041	5B20	(10Q#) MINOR	0.5-	1
126.8	0042	5DC	(5B80) 95:05	0.5-	1
131.1	0043	5BO8	(5DO) (10Q#) BOTH MINOR	0.5-	1
133.6	0044	5B$	&O (5D$) 95:05	0.5-	1
134.8	0045	4A10	(4EO) 85:15	0.5-	1
135.5	0046	4E4	&1	0.5-	1
141.8	0047	4A1	&3	0.5-	1
143.8	0048	5B26	$	0.5-	1
147.2	0049	4A10		0.5-	1
147.5	0050	4C$	-> 4E$	0.5-	1
150.1	0051	4A10		0.5-	1

DDH: FAGU198 UTM-N: 904,912.1 UTM-E: 592,165.0 UTM-ELEV: 1,162.2 TOTAL DEPTH: 153.9 SECTION: W 75
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
150.3	0052	4E1$	7	0.5-	1
150.9	0053	4A10		0.5-	1
152.5	0054	4D5	[3G916] -> 4A10 WEASEL ROCK	0.5-	1
153.9	0055	5862	$	0.5-	1

DDH: FAGU198 UTM-N: 904,912.1 UTM-E: 592,165.0 UTM-ELEV: 1,162.2 TOTAL DEPTH: 153.9 SECTION: W 75
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	S0 DIRECT	S1 ANGLE	S1 DIRECT	S2 ANGLE	S2 DIRECT	RFE CDE	DHDC	SDC	PROCESS
FAGU198	0.0	7.5	CS2		0	0	0	0	70	230	0	1	1	1
FAGU198	0.0	14.0	PS2	P	0	0	0	0	70	230	0	1	1	1
FAGU198	0.0	18.3	PS2	P	0	0	0	0	80	230	0	1	1	1
FAGU198	0.0	25.5	PS2	P	0	0	0	0	80	230	0	1	1	1
FAGU198	0.0	30.0	PS2	P	0	0	0	0	60	230	0	1	1	1
FAGU198	0.0	36.5	PS2	P	0	0	0	0	70	230	0	1	1	1
FAGU198	0.0	39.5	CS2		0	0	0	0	60	230	0	1	1	1
FAGU198	0.0	42.2	PS2	P	0	0	0	0	60	230	0	1	1	1
FAGU198	0.0	45.5	PS2	P	0	0	0	0	85	230	0	1	1	1
FAGU198	0.0	49.5	PS2	P	0	0	0	0	45	230	0	1	1	1
FAGU198	0.0	54.5	CS2		0	0	0	0	40	230	0	1	1	1
FAGU198	0.0	59.7	PS2	P	0	0	0	0	40	230	0	1	1	1
FAGU198	0.0	64.5	PS2	P	0	0	0	0	50	230	0	1	1	1
FAGU198	0.0	68.0	PS2	P	0	0	0	0	65	230	0	1	1	1
FAGU198	0.0	73.5	CS2		0	0	0	0	50	230	0	1	1	1
FAGU198	0.0	76.4	CS2		0	0	0	0	70	230	0	1	1	1
FAGU198	0.0	82.0	CS2		0	0	0	0	60	230	0	1	1	1
FAGU198	0.0	88.0	CS2		0	0	0	0	85	230	0	1	1	1
FAGU198	0.0	93.5	PS2	P	0	0	0	0	70	230	0	1	1	1
FAGU198	0.0	99.0	PS2	P	0	0	0	0	80	230	0	1	1	1
FAGU198	0.0	106.0	CS2		0	0	0	0	65	230	0	1	1	1
FAGU198	0.0	109.0	CS2		0	0	0	0	70	230	0	1	1	1
FAGU198	0.0	116.2	PS2	P	0	0	0	0	65	230	0	1	1	1
FAGU198	0.0	122.0	CS2		0	0	0	0	70	230	0	1	1	1
FAGU198	0.0	127.5	CS2		0	0	0	0	70	230	0	1	1	1
FAGU198	0.0	137.5	CS2		0	0	0	0	80	230	0	1	1	1
FAGU198	0.0	142.0	PS2	P	0	0	0	0	70	230	0	1	1	1
FAGU198	0.0	147.0	PS2	P	0	0	0	0	80	230	0	1	1	1
FAGU198	0.0	152.5	CS2		0	0	0	0	80	230	0	1	1	1
FAGU198	0.0	153.6	CS2		0	0	0	0	80	230	0	1	1	1

DDH: FAGU198 UTM-N: 904,912.1 UTM-E: 592,165.0 UTM-ELEV: 1,162.2 TOTAL DEPTH: 153.9 SECTION: W 75
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT REC CD	PARLL	UPPER PLANE		INTERNAL PLANE		LOWER PLANE		DHD
FAGU198	0.1	3.9	NP		0	0	C	C	0	0	1
FAGU198	7.2	7.3	1G		0	0	99	999	0	0	1
FAGU198	0.0	9.2	1G		0	0	99	999	0	0	1
FAGU198	10.6	10.7	1G		0	0	99	999	0	0	1
FAGU198	10.8	11.0	1G		0	0	0	C	0	0	1
FAGU198	16.3	16.5	G		45	270	C	C	0	0	1
FAGU198	17.1	17.2	G		90	0	0	0	40	0	1
FAGU198	3.9	24.2	B		0	0	C	C	0	0	1
FAGU198	26.4	27.4	1XQ		0	0	C	C	0	0	1
FAGU198	49.1	49.7	1XQ		0	0	C	C	0	0	1
FAGU198	58.4	58.5	GF		0	0	C	C	0	0	1
FAGU198	57.9	58.8	BG		0	0	99	999	0	0	1
FAGU198	61.4	63.5	1XQ		0	0	0	C	0	0	1
FAGU198	71.4	71.5	1G		20	0	0	C	0	0	1
FAGU198	71.9	72.0	1G		99	999	0	C	99	999	1
FAGU198	72.6	72.8	1G		99	999	C	C	99	999	1
FAGU198	0.0	89.4	1G		0	0	99	999	0	0	1
FAGU198	95.7	96.2	1XQ		0	0	C	C	0	0	1
FAGU198	0.0	96.2	1G		0	0	C	C	0	0	1
FAGU198	96.2	97.2	B		0	0	0	C	0	0	1
FAGU198	102.3	102.5	1G		0	0	99	999	0	0	1
FAGU198	112.1	112.2	1G		50	180	C	C	0	0	1

DDH: FAGU198 UTM-N: 904,812.1 UTM-E: 592,165.0 UTM-ELEV: 1,162.2 TOTAL DEPTH: 153.9 SECTION: W 75
RFE: 52 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGU198	1	2
FAGU198	2	2
FAGU198	3	2
FAGU198	4	2
FAGU198	5	1

75W ?
OR 76W

CYPRUS ANVIL MINING CORPORATION

Page 1 of 7.

DIAMOND DRILL CORE LOG

Date: 25 AUG 82

Hole Number: FAGU 198

Reference Fabric Orientation Diagram:

Project: GRUM REMOG

Location: 75W ?

Claim:

UTM
~~Terr.Plane~~ Co-ords.: 6904912.1 N

conversion of K-A surveyed grid co-ords

592165.0 E

Grid Co-ords:

All symmetry determinations looking

Elevation: 1162.2 m. with dipping

Total Depth: 153.9m with dip azimuth

Purpose:

Reason hole Terminated:

Logged by: DSJ JGS Date(s) Logged: 25 AUG 82

Drilling Contractor:

CORE Size	From	To

Collar Cased and Capped:

Hole Cemented:

Steel down hole:

Started: Completed:

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

76W ON 75W & passes thru 76W

PLOT DONE 9 Nov. 82

PLOT DOES NOT (co-claved on 75W)

DO NOT DO

Cyprus Anvil Mining Corp. Page 2 of 7

DDH FAGU-198

Diamond Drill Core Log Date: 25 AUG 82 Logged By: DSJ JGS

Code	Drillhole	Elevation	Northing	Easting	Units (feet/metres)	R.F.E.	
1	2 8	10 16	17 24	25 32	34 39	41 42	
T	FAGU-198	1162.2	9049122.1	592165.0	METRES		

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2 8	10 14	22 26	28 32	34 56
R	FAGU-198	00	147.0	32.0	AT COLLAR
R	FAGU-198	107	146.0	34.0	
R	FAGU-198	1564	150.0	34.0	
R	FAGU-198	2021	156.0	34.0	
R	FAGU-198	1599 0	161.0	24.0	

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

75W
AZ 032°-57°

DDH FAG 4 1 9 8 (2 8) **Cyprus Anvil Mining Corp.** Page 3 of 7

Lithologic Log Date: 25 AUG 82 Logged By: DSJ - JOS

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	000	039		011	#	N/L REC.
L	039	061		012	3G*	DOL (OQ* DOL) Bkn. 2m REC no G
L	061	108		013	3G9	(OQ* DOL) 90/10 Bkn. S211G 7.2-7.3
						mins Sz11 9.2 = 2cm, 10.6-10.7 Sz11G.
L	108	126		014	3G*	±9 (OQ*) minor Bkn REC/OK
						Top .2 m G. cont F 108 →
L	126	193		015	3G0	± * (504*) 18.1-18.6 (OQ*)
						Bkn r G = 16.3-16.5 F u/c 45/270
						l.c. Bx 45 CAx,
						17.1-17.2 u/c 90/cAx. l.c. 40/000
L	193	242		016	5D6	(5DO) ± * DOL (3GO) (OQ*) → carb + dol.
						trem, 50=80, 10, 10% REC OK
L	242	248		017	3G9	± * DOL mi 9 = wk. REC OK.
L	248	264		018	4L24	± 7 → (3G4) (OQ*) 80/20/TR.
						3G4 = upp & lower margins →
L	264	274		019	3G4	(OQ* Po) 5% 50B x. Ckle. REC/OK
L	274	300		110	3G4	→ 4L17 ∓ 9. 3G4 base vein + bict.
						(OQ* DOL) minor. REC/OK.
L	300	350		111	3G0	±9, * DOL, (OQ* DOL) (5E* ± 9)
						(5D* DOL) 3G=95%/2/2/1%
L	350	404		112	4L2	± 7 (OQO) (4H0) (3G4 ± 1)
						4L2 85%/5% 3G4/5% 4H0, = Sz11 veins dul Bx.
						Typical beige Tex from 3G* no carb.
						4H0 35.6-35.9, 39.9, 40 → EOI
						REC/OK.
L	404	427		113	4L2	(3G4 ± 1)(3G9) 70/15/15%
						3G9 40.4-40.8.
						3G4 → 41.3 REC OK.
L	427	453		114	4E0	±8, * DOL (5D* DOL)(5DL*)(4DO) REC/OK
						% sulph to meta vole 98/2%
L						contact shp 4L above, mag 5-10 sulf. .5cm bnd.
L	453	457		115	4G0	± * DOL Bonded
L	457	461		116	4B*	calc., m.gr cryst carb. Rare rock/sil 3G? REC/OK
L	461	491		117	4E0	± 7,4 (5C4* DOL)(4G4) well bonded
						4G4 48.7-48.8, 5C 481-48.2 REC/OK
L	491	497		118	5B0	± * DOL Psz fd gr Ckl Bx carb 5B. REC/OK.

NB 4G 4E
VERY LOW ERNOR
< 4 % Pb/Zn

DDH EAG.U.1.98 (2 / 8) Cyprus Anvil Mining Corp. Page 4 of 7

Lithologic Log Date: 25 AUG Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	1497	1512		119	5D01	(OQ* CALC) REC/OK PS_2 fol
L	1512	1543		120	5B19	± *,2, (OQ *calc) patchy dol. gen calc lacks Vein lithon structure. REC/OK
L	1543	1614		121	5B810	(OQ * DOL) < 1% Lt, gr grey + carbonate all else OK. REC/OK except
						Bkn Core. 57.9 - 58.8 S_2 // G
						G 58.4 - 58.5 FAULT
L	1614	1635		122	5B61*	Dol (OQO ± *DOL) 2-3% PS_2 REC/OK
						CKle Bx minor
L	1635	1639		123	5D1*	DOL (OQ * DOL) 80/20 REC/OK
L	1639	1677		124	5B61	± * DOL [3GO ± * DOL] (OQ * DOL) 2-3% 1-3cm
						// S_2 med gr PS_2 fol REC/OK
L	1677	1904		125	5B61	± * DOL [3GO * DOL] (5D6 ± * DOL)
						(OQ * DOL) 60% 35% 5%
						OQ x CUT 30° C'AX REC OK
L	1704	1848		126	3GO1	± 9, * DOL minor, (OQO) ± * 5% tr pyd m. dk gr - dk gr
						wkly carb, S_2 // carb folia, m gr sil bands
						wkly lithon [5B6 ± 2*]
						Gouge: 71.4 - 71.5 u/c 20 CAx 20/000 L.
						Gouge. 71.9 - 72.0 u & l c S_2 //
						Gouge 72.6 - 72.8 u/c S_2 //, 9 L/c.
L	1848	1837		127	3G1*	± 9 As above + gr dol bands interbed.
						evenly - REC/OK Type 3G9*.
L	1837	1889		128	3G1*19	6 → SA*19 DOL, 6 = Py gr silt/laminae
						subfil 1-2% REC/OK
L	1889	1905		129	5C1*	± 9 (400)(OQ*) 95/2/3/ 40 = S_2 //
						centre unit, 9 = chip py in Sc
						9.4 2cm S_2 // Gouge. otw REC/OK
L	1905	1915		130	4E46	(464) well banded, minor pat seat, 70/30 REC
L	1915	1917		131	4G41	± * CALC REC/OK
L	1917	1962		132	4E41	gr carb Bx Ckle. REC/OK.
L	1962	1972		133	3G01	± 9, (OQ * DOL) 85/15 Bkn Core. g.v. 3-10cm
						Top unit ~1m G 40° C°Ax ?
L	1972	1986		134	4L21	± 4,6, (OQO) 5% PS_2, fol, REC/OK.
L	1986	1996		135	5D01	± * DOL (OQ * calc & DOL) 80/20 calc centre
						unit, REC/OK.

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

DDH EAG.4.198 (2 8) Cyprus Anvil Mining Corp. Page 5 of 7

Lithologic Log Date: 25 AUG 82 Logged By: DSJ - IGS

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	1996	11033		36	5B26	(5B20) (5D0) (5O * DOL) (5O4 * DOL)
						(OQ * DOL) interbanded variably carb
						pel phyll + tuffs Pel 60/40 meta tuff
						carb limit above 100.3, → EOI tuffs
						variably carb 1100 REC
						Gouge 108.8 - 0.9 Sz 11
						Gouge. 102.3 - 0.5 Sz 11
L	11033	11134		37	3G01	± 9, * DOL (OQO) Tr. REC/OK
						DOL minor U. med gr si laminae stripid
						= L Gouge 1m 112.7 - 112.2 u/c 50/180 l/c ha
L	11134	11182		38	5B16*	± 0, 2, → locally 5A0 * (5D0) (OQ * CALC)
						85/15/Tr 5A Typ unit REC/OK
L	11182	11203		39	5D01	Biot (OQ *) green inc 5B80? poor
						with struct. REC/OK.
L	11203	11208		40	OQ*	CALC 11 Sz
L	11208	11256		41	5B20	VAN-TYPE/SPEC (OQ * CALC) mined REC/OK
L	11256	11268		42	5D01	(5B80) 95/5 REC/OK
L	11268	11311		43	5B08	± (5D0) (OQ * calc) 99% 5B. REC OK
L	11311	11336		44	5B1*	± DOL O (5O * DOL) as above + carb dol.
						= marker above sulphides TYPE-SPEC
						5D 132.5 - 132.6 REC/OK
L	11336	11348		45	4A110	(4EO) 1 = blk chrty Mx + gty sulph
						band. Total sulf. 20% P = Zn
						4E < Py 134.3 - 134.5 + REC/OK
L	11348	11355		46	4E41	± 1 poss Bat, local dol patchs, poor band REC/OK
L	11355	11418		47	4A11	± 3 Ex/TEX sulph 25-30% < Py 1 = chrty Mx
						& U gr gty sulph bands REC/OK
L	11418	11438		48	5B26	* DOL ↔ 5A * locally striped ± carb. REC/OK
L	11438	11472		49	4A10	EX/TEX lt gr gty sulph bands REC/OK
L	11472	11475		50	4C*1	DOL → 4E * DOL
L	11475	11501		51	4A10	as above
L	11501	11503		52	4E1*	7 DOL Po
L	11503	11509		53	4A10	as above.
L	11509	11525		54	4D5	[JG9.16] → 4A10 sil, min WALL ROCK RE/OK
L	11529	11539		55	5B62	* DOL dk grey, gty dolo wisp homog. REC/OK
						END of HOLE

DDH EAG4.198 (2 8) Cyprus Anvil Mining Corp. Page 6 of 7

Structural Log Date: Aug. 23/82 Logged By: JGS/CK

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		175	C1S2				710 23P	
S		1140	1 IND	P			710	
S		1183	1 IND	P			810	
S		1255	1 IND	P			810	
S		1300	1 IND	P			610	
S		1365	1 IND	P			710	
S		1395	C1S2				610	
S		1422	1 IND	P			610	
S		1455	1 IND	P			815	R band 11C52
S		1495	1 IND	P			415	
S		1545	C1S2				410	
S		1597	1 IND	P			410	
S		1614	1 IND	P			510	
S		1680	1 IND	P			615	
S		1735	C1S2				510	
S		1764	C1S2				710	
S		1820	C1S2				610	
S		1880	C1S2				815	
S		1935	1 IND	P			710	R band 11C52
S		1990	1 IND	P			810	
S		1016 0	C1S2				615	
S		1019 0	C1S2				710	
S		1162	1 IND	P			615	
S		1212 0	C1S2				710	
S		1217 5	C1S2				710	
S		1317 5	C1S2				810	
S		1420	1 IND	P			710	
S		1470	1 IND	P			810	
S		1512 5	C1S2				810	
S		1536	C1S2				810	EOH 153.9

DDH EAGU198 Cyprus Anvil Mining Corp

Logged by DSJ JOS

ASSAY LOG (SAMPLER'S COPY) Date 25 AUG 82 Sampled by KA.

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
	10 14	16 20	22 26	28 30	32 34	36 40	42
P	1457	1472	907015	15	15	4E01	(48*) · 4
P	1472	1490	907016	18	18	4E01	
P	1905	1920	907017	15	15	4E416	
P	1920	1935	907018	15	15	4E416	
P	1935	1947	907019	12	12	4E46	
P	1341	1356	907110	15	15	4E41	
P	1356	1371	907111	15	15	4A1	
P	1371	1386	907112	15	15	4A1	
P	1469	1484	907113	15	15	4A1	
P	1484	1499	907114	15	13	4A1	
P	1499	1514	907115	15	15	4A1	(485) · 5m.

FAULT

DDH FAGU19-8 (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	101	139	NIP					Nil recovery - top of hole
F	139	1214	B					broken over several units
F	172	1717	/1G			919 9199		S_2 // gouge
F		192	/1G			919 9199		minor S_2 // gouge
F	1106	1107	/1G			919 9199		S_2 // gouge
F	1108	1110	/1G					top 0.2m is gouge
F	1163	1165	G		415 2710			gouge
F	1171	1172	G		910 0100		410 0100	
F	1216	1217	/1X1Q					crackle bxa
F	1419	1419	/1X1Q					crackle bxa
F	1517	1518	B1G			919 9199		S_2 // gouge & broken core
F	1518	1518	G1F					gouge - Fault
F	1611	1613	/1X1Q					minor crackle bxa
F	1711	1715	/1G		210 0100			gouge upper 20° C.A.
F	1719	1720	/1G		919 9199		919 9199	
F	1726	1728	/1G		919 9199		919 9199	
F		1819	/1G			919 9199		2cm S_2 // gouge
F	1957	1962	/1X1Q					crackle bxa
F		1962	/1G					0.1m gouge 40° C.A.
F	1962	1972	B					broken core
F	11012 3	11012 5	/1G			919 9199		S_2 // gouge
F	11112 1	11122	/1G		510 1810			gouge

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

DIAMOND DRILL RECORD

LOGGED BY — T. Lynch SJ

PROPERTY Green Joint Venture

D.D.H. No. 76-1-198 PAGE 1

LATITUDE — BEARING OF HOLE No. 1 Sb

CLAIM No. —

DEPARTURE 76 W DIP OF HOLE

ELEVATION — DIP TESTS

TEST PT.	AZIMUTH	DIP
COLLAR	033	-57
10.7 m	033	-56
86.9 m	033	-60
102.1 m	033	-64
160.9 m	033	-71

STARTED —

COMPLETED Oct. 14, 1976

Proposed:

DEPTH Ultimate: 505 · 1539 ft

N

DIRECTION AND DISTANCE FROM NE. CLAIM POST

99.3%

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec. Ft.	Sample No.	Footage From	Footage To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Feet Pb	Assay x Feet Zn	Assay x Feet Ag
0	3.9	Massive sulfide (M). Broken blocky core. Poor rec.	ccs	/	0	3.9	3.9								
		very - there were only four pieces of core showing re-													
		drilling or grinding marks. Py 70 Pb+Zn 5. PROBABLY MUCK.													
		3.9 - Abrupt change to Sericite phyllite (S). Contact													
		broken grd.													
3.9	27	Sericite phyllite (S). Broken blocky / flaky core.	19.7	/	3.9	27.0	23.1								
		Foliation x 75~80° (Fs). F1 - not very distinct													
		but seems "S" - cumulations suggest ± 0~5° (?)													
		18 - 18.6 - Calcitic chloritic bleached sericite unit.													
		Contacts gradual (Sbx+c).													
		19.6 - 21.6 - Similar to 18~18.6. More calcite in groundmass.													
		Py has green laminae / specks.													
		25 - 27 - Bleached sericite phyllite. Buff. Foliation ± 85-90°													
		Has weak sulfide showing mostly Py laminae. Py 1%													
		27 - Abrupt change to massive sulfide. Contact broken grd.													
27	27.4	Massive sulfide (M). Broken grd. Mostly pebbles. Very	0.3c	/	27	27.4	0.4								
		poor core recovery. No gouge. Py. 70 Pb+Zn: 6 %													

LOGGED BY _____ D.D.H. NO 76-U-198 PAGE 2/6

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		27.4 - Abrupt change to sericite phyllite (S). Contact ≈ 75°													
27.4	35.1	Sericite phyllite (S). Competent. With intervals of dark graphitic sericite phyllite (SG). F2 ≈ 75-85 F1 ≈ 0-5	7.5	/	27.4	35.1	7.7								
		31.5-32 - Graphitic phyllite (G). Fissile easily breaking into poker chips. F2 ≈ 85≈90°; F1 = indistinct													
		33.5 ≈ 34.8 - Graphitic phyllite (G). Similar to 31.5-3 ≈ run. 1st contact - Shear. 2nd Contact marked by buff qtz. plane ≈ 85°.													
		35.1 - Change to Bleached sericite phyllite. Contact marked by Buff qtz. Contact bet. buff qtz and bleached sericite unit ≈ 80 - w/ irregular wavy plane.													
35.1	42.7	Bleached sericite phyllite. Competent. Buff w/ greenish hue. Foliation ≈ 70≈75°	7.1	/	35.1	42.7	7.6								
		40≈40.2 - Po/Mgtt band ≈ 75°													
		40.3 - 40.7 - Graphitic phyllite interval. Flakes.													
		42.7 - Sharp clean contact w/ massive sulfide (M).		WT. Av.	42.7	45.7	3.0	0.88	Pt-Zn						
42.7	49	Massive sulfide, structureless (M), banded (MB) and with barite (Mb). Competent. Prominent laminae of Po/Mgtt @ 42.7 ≈ 45.5. Compositional banding Po-Mgtt/Py ≈ 70≈80; Sulfide/Ba ≈ 80≈90	1.5	318C	42.7	44.2	1.5	0.68	0.33	25.37			1.41	Pt-Zn	
		65 3	1.5	319C	44.2	45.7	1.5	0.45	0.10	17.14			0.55	"	
		65 3	1.5	320C	45.7	47.2	1.5	9.20	1.15	39.43	✓				

LOGGED BY _____ D.D.H. Nº TK-U-198 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
		Spl-Pb/py ± 70-75. 43.1-43.2- Chloritic unit	65	3	1.8	321C	47.2	49.0	1.8								
		48.3 - 48.4 - Bleached sericite unit (S6).															
		foliation ± 30°. 1st Contact very irregular															
		interfingering of sulfides/bleached sericite. 2nd															
		Contact - clean and sharp ± 30°															
		49 - Sharp, clean contact w/ bleached sericite (S6)															
		± 80°															
49	49.5	Bleached sericite phyllite (S6). Competent.			0.5	/	49	49.5	0.5								
		Foliation 65-70°. No distinct F_1/F_2 relationship noted.															
		49.5 - Gradual change to calcitic sericite phyllite (Sk).															
49.5	62	Calcitic Sericite phyllite w/ trace chlorite. Competent.			12.0	/	49.5	62.0	12.5								
		Foliation F_2 ± 65-70° F_1 ± 0															
		Calcite in both foliation.															
		62 - Decrease in calcitic constituent. Rx becoming															
		normal sericite phyllite (S)															
62	70.1	Sericite phyllite (S) Competent. Foliation			8.0	/	62.0	70.1	8.1								
		F_2 ± 30-35° F_1 : 5-10°															
		Sporadic blebs/clots of Po.															
		70.1 - Abrupt change to graphitic phyllite (G).															
		Contact marked by calcite stringer. Plane															
		not very clean ± approximately 25°.															
						/	70.1	88.9	18.8								

LOGGED BY Glyfanden (GS) D.D.H. NO '76-U-198 PAGE 4/6

Interval From	Interval To	DESCRIPTION			Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		$F_2 \approx 45 \sim 50°$ $F_1 \approx$ Not distinct. $\approx 0 \sim 5$ (?)															
		F_2 shear															
		87 - 88 - $F_2 \approx 75 \sim 80°$ $F_1 \approx 5 \sim 15°$															
		88.9 - Abrupt change to chloritic ~~sericite~~ Bleached sericite phyllite (Sbc). Contact broken gtd.															
88.9	90.5	Chloritic Bleached sericite phyllite (Sbc). Competent.			1.5	/	88.9	90.5	1.6								
		Schisty white w/ green stripes/spots. Foliation															
		$F_2 \approx 75 \sim 80°$ $F_1 \approx 0 \sim 5°$															
		90.4 - 90.5 - prominent fuchsite laminae > chlorite.															
		90.5 - Sharp clean contact w/ massive sulfide $\approx 45°$															
90.5	94.7	Massive banded (MB) and w/ asso. barite sulfide	60	10	1.5	322C	90.5	92.0	1.5	5.76	8.04	101.83			8.64	12.06	152.75
		unit. Competent. Compositional banding	62	12	1.5	323C	92.0	93.5	1.5	6.65	9.70	123.09			9.98	14.55	184.64
		Sph-Pb/py $\approx 65 \sim 70°$; Sulfides/ba $\approx 50°$	65	12	1.2	324C	93.5	94.7	1.2	5.44	9.70	91.89			6.53	11.64	110.27
		Ba $\approx 15°$.															
		94.7 - Fault contact w/ sericite phyllite (S).				WT. AV.	90.5	94.7	4.2	5.99	9.11	106.59			25.15	38.23	447.66
		Fault characterized by 6 cm (long) run of															
		grey thick sticky gouge w/ phyllite fragments															
		and sulfide grains.															
94.7	117.3	Dark sericite phyllite (S). Competent.			22.3	/	94.7	117.3	22.6								
		Foliation $F_2 \approx 80 \sim 85°$ (w/ kink folding $\approx 10°$)															
		$F_1 \approx 0 \sim 10°$															

LOGGED BY _____ D.D.H. NO 76-11-198 PAGE 5/6

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		97.5 - 99.4 - Chloritic - calcitic bleached sericite phyllite. Fissile. Buff w/ green stripes/spots. Foliation ≈ 85∿90°; F_1 ≈ 0∿5°. Contacts gradual													
		115 - 116.1 - Chloritic - calcitic unit. Similar to 97.5-99.4.													
		117.3 - Rx gradually changing to calcitic-graphitic sericite phyllite (SG+K)													
117.3	132.6	Calcitic - graphitic sericite phyllite (SG+K). Dark colored w/ white spots/laminae. Fissile. F_2 ≈ 70∿75 F_1 ≈ 0∿10 Calcite usually marking F_1. Graphite in grdmass as broad laminae 2mm∿1cm. Graphite ≈ 25% $CaCO_3$ ≈ 25%	N.1	✓	117.3	132.6	15.3								
		132.6 - decrease in calcitic constituent. Rx becoming graphitic sericite phyllite.													
132.6	134.1	Graphitic sericite phyllite (P_G). Competent. F_2 ≈ 85∿90 F_1 ≈ 0∿5°	1.5	✓	132.6	134.1	1.5								
		134.1 - gradual build up of mineralization. Rx becoming mineralized graphitic phyllite (PG)													
134.1		Mineralized graphitic phyllite (PG) Competent. 25 5	1.5	325C	134.1	135.6	1.5	2.88	2.85	36.34	✓				
		F_2 ≈ 80∿85° F_1 ≈ 0∿5. 15 3	1.5	326C	135.6	137.1	1.5	0.88	0.88	13.03			1.76	Pb-Zn	
		Uneven mineralization w/ long intervals of almost 20 3	1.5	327C	137.1	138.6	1.5	0.08	0.10	4.11			0.18	"	

LOGGED BY _____ D.D.H. NO. 76-U-198 PAGE 6/6

Interval From	Interval To	DESCRIPTION			Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		barren grd. Sulfides in both foliation. Po/ high clots	15	3	1.5	328c	138.6	140.1	1.5	0.20	0.28	5.14			0.48	Pt Zn	
		150.9 – 152.4 - Transition zone into graphitic	10	3	1.5		140.1	141.6	1.5								
		Sericite phyllite (SG). Gradual decrease in	1	blc	2.1	/	141.6	143.9	2.3								
		mineralization	10	4	1.4	329c	143.9	~~145.4~~	1.5	0.43	0.63	8.91	✓				
152.4	153.9	GRAPHITIC Sericite phyllite (SG). Competent.	"	"	1.5		~~145.4~~	146.9	1.5								
		Fa x 80 a 85 Fi x 0 a 5.	20	4	1.5	330c	146.9	148.4	1.5	1.28	1.50	20.23			2.78	Pt Zn	
		Graphite x 30%. Trace calcite in Fi.	15	3	1.3	331c	148.4	149.9	1.5	0.18	0.70	7.20			1.88	"	
			15	4	1.5	332c	149.9	151.4	1.5	1.18	1.33	23.31			2.51	"	
153.9		END OF HOLE	5	1	1.0	/	151.4	152.4	1.0								
					1.5	/	152.4	153.9	1.5								
						Wi. W	135.6	141.6	6.0	0.73	Pt Zn						
						"	146.9	151.4	4.5	Rob	"						

FAGU199

DRILL HOLE : FAGU199
NORTHING : 904,884.3
EASTING : 592,325.6
ELEVATION : 1,146.4
TOTAL DEPTH : 132.6
SECTION : W 71
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:	26
NOS DOWN-H-SURVEYS:	3
NOS DOWN-H-LITHOLOGY:	41
NOS DOWN-H-STRUCTURE:	22
NOS DOWN-H-FAULTS:	26
NOS DOWN-H-SPLINES:	3
NOS COMPOSITES:	0

DDH: FAGU199 UTM-N: 904,884.3 UTM-E: 592,325.6 UTM-ELEV: 1,146.4 TOTAL DEPTH: 132.6 SECTION: W 71
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.
2.1	3.6	90716	1.5	.9	4E4			8.39	12.65	124.10											
3.6	5.1	90717	1.5	1.3	4EG4			7.40	10.21	114.20											
5.1	6.6	90718	1.5	1.4	4G4			6.40	8.85	92.90											
6.6	8.1	90719	1.5	1.5	4G4			7.85	10.31	113.10											
8.1	9.6	90720	1.5	1.2	4G4			6.50	8.95	75.80											
9.6	11.1	90721	1.5	1.0	4G4			6.75	10.15	76.80											
11.1	12.6	90722	1.5	1.0	4E4			6.97	8.69	104.90											
12.6	14.1	90723	1.5	1.0	5C4*			3.60	8.16	46.30											
14.1	15.6	90724	1.5	.8	4A10			3.03	3.35	47.30											
15.6	17.1	90725	1.5	1.3	4AE4			6.75	6.52	97.70											
17.1	18.6	90726	1.5	1.4	4G4			8.60	11.52	156.30											
18.6	20.1	90727	1.5	1.2	4G4			7.40	9.93	114.20											
20.1	21.6	90728	1.5	1.4	4G4			7.00	9.70	93.90											
21.6	23.1	90729	1.5	.9	4G4			7.20	9.65	101.80											
23.1	24.6	90730	1.5	.8	4G4			4.18	6.31	79.50											
27.0	28.5	90731	1.5	1.5	4G4			6.10	10.21	108.00											
28.5	30.0	90732	1.5	1.4	4G4			5.40	9.55	98.70											
30.0	31.5	90733	1.5	1.5	4G4			6.20	9.85	139.20											
31.5	33.0	90734	1.5	1.5	4G4			6.40	9.25	104.90											
33.0	34.5	90735	1.5	1.3	4G4			5.10	9.78	85.70											
34.5	36.0	90736	1.5	1.1	4EG4			4.55	9.18	62.40											
103.0	104.5	90737	1.5	1.4	4E4			3.90	3.65	49.40											
104.5	106.0	90738	1.5	1.5	4E0			1.83	1.05	29.10											
106.0	107.5	90739	1.5	1.1	4K0			1.13	.30	27.40											
107.5	109.0	90740	1.5	1.5	4E4			6.80	6.47	68.60											
109.0	110.5	90741	1.5	1.3	4E0			1.95	1.73	23.30											
WEIGHTED AVERAGE																					
2.1	24.6		22.5	17.1				6.53	8.99	95.92											
27.0	36.0		9.0	8.3				5.62	9.63	99.81											
103.0	110.5		7.5	6.8				3.12	2.64	39.56											

DDH: FAGU199 UTM-N: 904,884.3 UTM-E: 592,325.6 UTM-ELEV: 1,146.4 TOTAL DEPTH: 132.6 SECTION: W 71
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	89.300	228.300
67.100	90.000	228.300
125.000	91.000	228.300

DDH: FAGU199 UTM-N: 904,884.3 UTM-E: 592,325.6 UTM-ELEV: 1,146.4 TOTAL DEPTH: 132.6 SECTION: W 71
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
2.1	0001	#		0.5-	1
4.4	0002	4E4	POROUS	0.5-	1
10.7	0003	4G4	(4E46)	0.5-	1
11.0	0004	4A3	BXA	0.5-	1
12.5	0005	4E4		0.5-	1
14.8	0006	5C4*	(4E4)	0.5-	1
15.8	0007	4A10	-> 4A13	0.5-	1
16.4	0008	4E46	(4E1)	0.5-	1
17.1	0009	4A31		0.5-	1
24.0	0010	4G4	(4E46) MINOR	0.5-	1
26.9	0011	5AC	&$ &9 (10Q$#)	0.5-	1
34.0	0012	4G4		0.5-	1
34.1	0013	4A13		0.5-	1
34.7	0014	4G4		0.5-	1
35.0	0015	3G9		0.5-	1
35.2	0016	4E46		0.5-	1
35.3	0017	5D4*		0.5-	1
35.7	0018	4G4		0.5-	1
39.5	0019	3GC	&9 (3G4) (10Q$)	0.5-	1
41.1	0020	5B8$	(5B6 &2 &$) [3G8$]	0.5-	1
61.0	0021	5B83	(5DO) (5BO) 90:08:02	0.5-	1
61.8	0022	5B$	&O	0.5-	1
62.1	0023	5D4$		0.5-	1
63.8	0024	5BC	&2	0.5-	1
65.2	0025	5DC		0.5-	1
68.3	0026	5BC	&2 MINOR	0.5-	1
71.3	0027	5DC		0.5-	1
91.4	0028	5BO	(10Q#)	0.5-	1
102.5	0029	5B$	&2 MINOR (5D4$)	0.5-	1
102.9	0030	4L24	&1 (10Q$) (4D$)	0.5-	1
103.2	0031	4E4	&$ MINOR	0.5-	1
103.6	0032	5A1$		0.5-	1
106.0	0033	4E4	(4EO) E.O.I.	0.5-	1
107.8	0034	4KC	COL.	0.5-	1
109.4	0035	4E4	& POROUS (4E1) E.O.I.	0.5-	1
109.6	0036	4L2		0.5-	1
110.5	0037	4EC	(4E81)	0.5-	1
111.8	0038	4L2$	&4 &7 &1	0.5-	1
123.4	0039	5B26	&$ -> 5A6$ (1CQ$) 97:C3	0.5-	1
126.4	0040	5B6	&2 &$ (10Q$) 97:03	0.5-	1
132.6	0041	5B6	&2 &$	0.5-	1

DDH: FAGU199 UTM-N: 904,884.3 UTM-E: 592,325.6 UTM-ELEV: 1,146.4 TOTAL DEPTH: 132.6 SECTION: W 71
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
FAGU199	0.0	6.4	PS2	P	0	0	0	0	20	230	0	1	1	1
FAGU199	0.0	17.4	PS2	P	0	0	0	0	60	230	0	1	1	1
FAGU199	0.0	21.0	PS2	P	0	0	0	0	10	230	0	1	1	1
FAGU199	0.0	26.4	PS2	P	0	0	0	0	30	230	0	1	1	1
FAGU199	0.0	30.5	PS2	P	0	0	0	0	45	230	0	1	1	1
FAGU199	0.0	34.0	PS2	P	0	0	0	0	50	230	0	1	1	1
FAGU199	0.0	37.8	PS2	P	0	0	0	0	30	230	0	1	1	1
FAGU199	0.0	45.2	PS2	P	0	0	0	0	30	230	0	1	1	1
FAGU199	0.0	50.3	CS2		0	0	0	0	5	230	0	1	1	1
FAGU199	0.0	56.0	PS2	P	0	0	0	0	10	230	0	1	1	1
FAGU199	0.0	60.0	PS2	P	0	0	0	0	20	230	0	1	1	1
FAGU199	0.0	67.0	PS2	P	0	0	0	0	20	230	0	1	1	1
FAGU199	0.0	76.2	PS2	P	0	0	0	0	40	230	0	1	1	1
FAGU199	0.0	82.7	PS2	P	0	0	0	0	30	230	0	1	1	1
FAGU199	0.0	88.8	PS2	P	0	0	0	0	30	230	0	1	1	1
FAGU199	0.0	97.0	CS2		0	0	0	0	40	230	0	1	1	1
FAGU199	0.0	102.2	CS2		0	0	0	0	50	230	0	1	1	1
FAGU199	0.0	108.5	PS2	P	0	0	0	0	30	230	0	1	1	1
FAGU199	0.0	112.6	PS2	P	0	0	0	0	30	230	0	1	1	1
FAGU199	0.0	116.8	PS2	P	0	0	0	0	50	230	0	1	1	1
FAGU199	0.0	125.0	PS2	P	0	0	0	0	30	230	0	1	1	1
FAGU199	0.0	132.0	PS2	P	0	0	0	0	35	230	0	1	1	1

DDH: FAGU199 UTM-N: 904,884.3 UTM-E: 592,325.6 UTM-ELEV: 1,146.4 TOTAL DEPTH: 132.6 SECTION: W 71
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
FAGU199	0.1	2.1	NP			0	0	C	C	0	0	1
FAGU199	2.1	4.4	B			0	0	C	C	0	0	1
FAGU199	10.2	10.7	P			0	0	C	C	0	0	1
FAGU199	10.7	11.0	PXD			0	0	C	C	0	0	1
FAGU199	11.C	12.5	P			0	0	C	C	0	0	1
FAGU199	12.5	14.8	RB			0	0	0	C	0	0	1
FAGU199	10.7	17.1	P	5		0	0	C	C	0	0	1
FAGU199	17.1	24.0	JQ			C	0	C	C	0	0	1
FAGU199	24.0	26.9	1XQ			C	0	99	999	0	0	1
FAGU199	0.0	34.7	1F			C	0	C	C	0	0	1
FAGU199	0.C	35.7	X			C	0	99	999	0	0	1
FAGU199	35.7	36.2	1XQ			0	0	C	C	0	0	1
FAGU199	39.C	39.5	1XQ			0	0	C	0	0	0	1
FAGU199	0.C	39.5	F			0	0	C	C	0	0	1
FAGU199	40.6	40.7	1RG			0	0	C	0	0	0	1
FAGU199	0.C	61.4	1F			2C	0	0	0	0	0	1
FAGU199	61.C	61.8	1B			0	0	C	C	0	0	1
FAGU199	62.1	65.2	1XQ			0	0	99	999	0	0	1
FAGU199	71.7	73.0	BGP	3		0	0	C	C	0	0	1
FAGU199	87.6	88.4	PG	2		0	0	0	0	0	0	1
FAGU199	0.C	91.4	1G			C	0	0	C	0	0	1
FAGU199	1C9.6	11C.5	2XD			0	0	C	C	0	0	1
FAGU199	110.5	111.8	1XD			0	0	0	C	70	90	1
FAGU199	115.3	115.4	G			99	999	C	C	99	999	1
FAGU199	116.1	117.6	G			30	0	0	C	99	999	1
FAGU199	111.8	123.4	B			0	0	0	0	0	0	1

DDH: FAGU199 UTM-N: 904,884.3 UTM-E: 592,325.6 UTM-ELEV: 1,146.4 TOTAL DEPTH: 132.6 SECTION: W 71
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGU199	1	2
FAGU199	2	2
FAGU199	3	1

7/W.

K. AND I ASSAYS.

CYPRUS ANVIL MINING CORPORATION

Page 1 of 6

DIAMOND DRILL CORE LOG

Date: 26 AUG 82.

Hole Number: FAGU 199

Project: GRUM REMOG.

Location: 7/W

Claim:

Terr.Plane Co-ords.: 904884.3 N

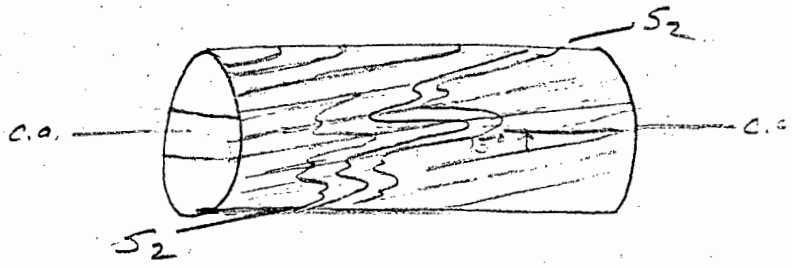
592325.6 E

Grid Co-ords:

Elevation: 1146.4

Total Depth: 1326.

Reference Fabric Orientation Diagram:



All symmetry determinations looking

NW with S_2 dipping

SW with dip azimuth 230.

Purpose:

Reason hole Terminated:

Logged by: DSJ JGS.

Date(s) Logged: 26 AUG 82.

Drilling Contractor:

Hole Cemented:

Steel down hole:

Size	CORE From	To

Collar Cased and Capped:

Started: Completed:

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

Cyprus Anvil Mining Corp.

DDH FAGU1999 (2–8)

Diamond Drill Core Log Date: 25/AUG82 Logged By: JGS / OSJ

Code	Drillhole	Elevation	Northing	Easting	Units (feet/metres)	R.F.E.	
	2 8	10 16	17 24	25 32	34 39	41 42	
T	FAGU1999	1146.4	9048843.5	592325.6	METRES	52	

228.3 for True North

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
	2 8	10 14	22 26	28 32	34 56
R	FAGU1999	000	89.3	226.8	AT COLLAR
R	FAGU1999	671	90.0	~~226.8~~ 228.3	SPERRY
R	FAGU1999	1250	91.0	~~226.8~~ 228.3	

9 Nov. 82

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

DDH FAGU-199 (2 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: 25 AUG Logged By: DSJ FGS

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	000	21		01	#	NIL REC
L	21	44		02	4E4	POR Bkn rubbly. REC/OK.
L	44	107		03	4G4	(4E46) REC/OK Loss 10·2 - 10·7
L	107	110		04	4A3	Bx POOR REC
L	110	125		05	4E4	POOR REC
L	125	148		06	5C4*	fush. (4E4) Rubble Bk. Core 50/50
L	148	158		07	4A10	EX/TEX qtz sulph bond → 4A13
L	158	164		08	4E46	bond - rubble (4E1)
L	164	171		09	4A31	EX/TEX 1 = blk cherty mx.
						NB 10·7 - 17·1 5m REC ONLY.
						no gouge. V. POOR REC
						10·7 - 12·2 = 1m. BX A F ?
						12·2 - 13·7 = 0·5m
						13·7 - 15·2 = 0·7m
						15·2 - 15·8 = 0·3m
						15·8 - 16·4 = 0·5m
						16·4 - 17·1 = 0·5m
L	171	240		10	4G4	(4E46) minor TYPO. REC/OK calc cx frac.
L	240	269		11	5A0	± *DOL ± 9 Sz // Zn. sheared // Sz unit
						(OQ* DOL CALC) mcjo Bx // Sz NO FAULT. REC/OK
L	269	340		12	4G4	as above TYPO, no interbeds py
						u/c So 70 °C AX. 70/000 REC/OK
L	340	341		13	4A13	
L	341	347		14	4G4	Sz // contact 4A above, l.c cx Sz
						sand beds F 75/c Ax. REC/OK
L	347	350		15	3G9	R/OK
L	350	352		16	4E46	REC/OK
L	352	353		17	5D4*	contact above // Sz REC/OK
L	353	357		18	4G4	l.c Bx rough // Sz REC/OK
L	357	395		19	3G0	± 9 (3G4) (OQ*DOL) Bx Calc 5 BOTT Topo. JG/95%
L	395	411		20	5B8*	DOL (5B6 ± 2,*) med gr. grey wkly dol
L						[3G8*] u/c unit. F NO gouge. FAULT
						l/c grad into → unit; rubble 40·6 - 40·7
L	411	610		21	5B83	70% 8% 2% (5D6) (5B0) med gr grey, calc. NOT OLIVE SD
						5B, 43·6 - 44·0 ft (OQ* CALC)
						TYPO VAN FORM.

DDH FAG4199 (2–8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: 25 AUG 82 Logged By: DSJ - JGS.

Code	From	To	Recov.	No.	Unit	Description
1	10–14	16–20	22–24	26–28	30–34	35
L	1611 0	1611 8		212	5B1*	± 0 lt, m, grey, Bkn. lithon qtz carb, -dol → 5B
						F 61-4 20/000 uc / l.c ind. REC/OK
L	1611 8	1621		213	5D14*	DOL 0 ± cont, ind pinch Sz ⊥ REC/OK
L	1621	1638		214	5B01	± 2 l.c Sz ⊥ wkly Ckl Bx, mod lithn REC/OK
L	1638	1652		215	5D01	⊥ Sz calc ckle Bx REC/OK.
L	1652	1683		216	5B01	± 2 minor darker grey green normal (+ qz - dol?) REC/OK.
L	1683	1713		217	5D09	Laminated minor (5FO) TUFFS 70·1 – 70·5 bedded. REC/O
L	1713	1914		218	5B01	(OQ* Calc) VAN/TYPO Core Bkn
						F. @ & Bkn 71·7 – 73·0 u/c/mod ·4 REC.
						FLAT-F. Gouge 5° CAX 87·6 – 88·4 ·2 REC
						Gouge 91·4 (2 cm)
L	1914	1102 5		219	5B1*	DOL ± 2 minor m·gr VAN TYPO 98·9 – 99·1 –
L						(504*) → wkly acid reth 99·5 to EOI.
L	1102 5	1102 9		330	4L24	± 1 (OQ*) (40* DOL) last 5 cm. ⊥ Sz
L	1102 9	1103 2		331	4E41	± * DOL minor bended.
L	1103 2	1103 6		332	5A11*	DOL
L	1103 6	1106 0		333	4E41	bended; minor dol patches.
L	1106 0	1107 8		334	4K01	, coarse mottled gr buff dol. 15–20% of unit REC/OK
L	1107 8	1109 4		335	4E41	(4E1) locally pot. at top int 4E1 → base REC/OK
L	1109 4	1109 6		336	4L21	
L	1109 6	1110 5		337	4E41	(4E81) → upper ·4 m, M.Bx, → to base
L	1110 5	1111 8		338	4L215	± 4, 7, 1 grey green – cr Zn Py Po stringers.
						⊥ & cx Sz micro Bx., 5 = dol diss unit.
						u/c contact subpl sharp, l.c u. Bx/x cut 70 CAX.
						70/90
L	1111 8	1123 4		339	5B216	* DOL → 5A6 * DOL (OQ * DOL) dk gr – blk
						dol wkly develop. 3% Bkn Core
						GOUGE. 115·3 – ·4 ⊥ Sz. u/c.
						GOUGE 116·1 – 117·6 30/000 u/c, l.c. ⊥ Sz
L	1123 4	1126 4		340	5B161	± 2* (OQ*) 3% m. gr non carb. phyll less carb REC/OK
L	1126 4	1132 6		341	5B161	± 2 * DOL. wkly banded Sz ⊥ darker bands above.
						REC/OK.
						END of HOLE

DDH EAG.U.199 (2 8)

Cyprus Anvil Mining Corp.

Structural Log

Date: Aug. 23/82 Logged By: DS/CK

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		164	INID	P			210 230	R band
S		174	INID	P			610	" "
S		210	INID	P			110	" "
S		264	INID	P			310	
S		305	WID	P			415	R band
S		340	INID	P			510	" "
S		378	WID	P			310	
S		452	WID	P			310	
S		503	CGL				015	
S		560	INID	P			110	
S		600	INID	P			210	
S		670	INID	P			210	
S		762	INID	P			410	
S		827	INID	P			310	
S		888	INID	P			310	
S		970	CGL				410	
S		1002	CGL				510	
S		1085	INID	P			310	R band
S		1126	INID	P			310	
S		1168	INID	P			510	
S		1250	INID	P			310	
S		1320	INID	P			315	
								EOH 132.6

KERR ADDI ASSAYS

DDH EAGU-199 Cyprus Anvil Mining Corp

Logged by

ASSAY LOG (SAMPLER'S COPY) Date Sampled by

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
1	10 14	16 20	22 26	28 30	32 34	36 40	42
P	12	36	907116	15	09	4E41	
A	36	51	907117	15	13	4E41	(4G4) · 5m 4EG4
P	51	66	907118	15	14	4G44	
P	66	81	907119	15	15	4G44	
P	81	96	907210	15	12	4G44	
P	96	111	907211	15	10	4G44	(4AJ) · 3m
P	111	126	907212	15	10	4E44	
P	126	141	907213	15	10	5C41*	
P	141	156	907214	15	08	4A10	
P	156	171	907215	15	13	4A31	(4E46) · 6m 4AE4
A	171	186	907216	15	14	4G44	
P	186	201	907217	15	12	4G44	
A	201	216	907218	15	14	4G44	
A	216	231	907219	15	09	4G41	
A	231	246	907310	15	08	4G44	
P	270	285	907311	15	15	4G41	
P	285	300	907312	15	14	4G44	
P	300	315	907313	15	15	4G44	
A	315	330	907314	15	15	4G44	
P	330	345	907315	15	13	4G44	
A	345	360	907316	15	11	4E44	(4G) (504*) 4EG4
A	1030	1045	907317	15	14	4E44	(5A1) · 4m
P	1045	1060	907318	15	15	4E44	0
A	1060	1075	907319	15	11	4K10	
A	1075	1090	907320	15	15	4E44	
A	1090	1105	907321	15	13	4E44	0 (442) · 2m.

Metres

FAULT

DDH FAGU1.99 (2 / 8) Cyprus Anvil Mining Corp. Page ____ of ____

Structural Log Date: ____ Logged By: ____

Code	From	To	Feature	Sys	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
F	100	121	N P					nil recovry
F	121	144	B					brken / recovry OK
F	1102	1107	P					core loss
F	1107	1110	P X D					bxa, poor recovry
F	1110	1125	P					poor recovry
F	1125	1148	R B					rubble / brken core 50/50
F	1107	1171	P	5				3.5m / 6.4m recovry
								no gouge
F	1171	1240	S Q					calcareous cross-cutting
								fractures
F	1240	1269	/ X G			9 9	9 9 9	incipient bxa // S_2
								NO FAULT
F		1347	/ F					end baxite F
								angle 75°/core Axis
F		1357	X			9 9	9 9 9	bxa roughly // S_2
F	1357	1362	X Q					crackle bxa
F	1390	1395	X Q					crackle bxa
F		1395	F					upper contact Fault — no
								gouge
F	1406	1407	/ R G					rubble & gouge
F	1610	1618	/ B					brken
F		1614	/ F		210	090		fault upper cnt 20/000
								lower cnt IND
F	1621	1652	/ X Q			9 9	9 9 9	weak crackle bxa,
								// S_2
F	1711	1730	B G P	3				brken & gouge
								upper cnt IND
								0.4m / 1.3 m recovry
F	1876	1884	P G	2				0.2 / 0.8 m recovry
								flat fault
								gouge 5° / C.A.
F		1914	/ G					2cm gouge
F	1096	1105	2 X D					moderate bxa
F	1105	1118	/ X D				710 090	// & crossing S_2 micro bxa
F	1118	1234	B					brken core
	1153	1154	G		9 9	9 9 9	9 9 9 9	gouge / upper & lower

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

cnt // S_2

Metres

FAULT

DDH EAGU199 (2 / 8)

Cyprus Anvil Mining Corp.

Structural Log

Page _____ of _____

Date: _____ Logged By: _____

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
F	111161	111176	G		310 010		999 999	gouge

DIAMOND DRILL RECORD

LOGGED BY Alexander Young Co. D.D.H. Nº 76-61-199 PAGE 1/4

PROPERTY GRUM JOINT VENTURE

LATITUDE 10S 10N 2N STARTED SEPT 17, 1976

DEPARTURE 7,629,400 71W COMPLETED SEPT 19, 1976

ELEVATION _____ PROPOSED DEPTH 131.1

ULTIMATE DEPTH ~~435'~~ 132.6m

HOLE SURVEY:		
DEPTH	BEARING	DIP
collar	224	0
67 m	(See	0
124.9m	Note end of Log)	0

CLAIM Nº _____

N

DIRECTION AND DISTANCE FROM N.E. CLAIM POST

TOTAL CORE RECOVERY: 90.3%

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
0	24.1	Massive sulfide (M), also with barite-in-gridmass	✓	✓	0	✓	0	2.1	2.1	(Gravity shattered)							
		variety (Mb). Competent w/ some short intervals	60	10	0.9	B 468	2.1	3.6	1.5	8.34	12.05	124.12			12.51	18.08	186.18
		of broken core. Faint compositional banding 0 ~	65	10	1.3	B 469	3.6	5.1	1.5	7.40	10.21	114.17			11.10	15.32	171.26
		5°.	65	12	1.8	B 470	5.1	6.6	1.5	6.40	8.86	92.92			9.60	13.28	139.38
		10.6 - 11 · Broken pebbly sulfide - shear? (?)	60	15	1.5	B 471	6.6	8.1	1.5	7.85	10.31	113.14			11.78	15.47	169.71
		13 - 15 · Broken pebbly mixture of sulfides and	65	15	1.2	B 472	8.1	9.6	1.5	6.50	8.95	75.77			1.75	13.43	113.66
		greenish bleached sericite phyllite w/ fuchsite.	50	10	1.0	B 473	9.6	11.1	1.5	6.75	10.15	76.80			10.13	15.23	115.20
		19 - 19.8 · Foliation 5 ~ 10°	60	8	1.0	B 474	11.1	12.6	1.5	6.97	8.69	104.92			10.46	13.04	157.38
		24.1 - Abrupt change to graphitic phyllite (G).	40	8	1.0	B 475	12.6	14.1	1.5	3.60	8.16	46.29			5.40	12.24	69.44
		Contact broken ground	40	8	0.8	B 476	14.1	15.6	1.5	3.03	3.35	47.31			4.55	5.03	70.97
24.1	27.0	Graphitic phyllite (G). Flaky appear to be a	65	10	1.3	B 477	15.6	17.1	1.5	6.75	6.52	97.72			10.13	9.78	146.58
		shear zone. Foliation 0 ~ 10 · wavy.	50	10	1.4	B 478	17.1	18.6	1.5	8.60	11.52	156.34			12.90	17.28	234.51
		Showing of sulfides	50	10	1.2	B 479	18.6	20.1	1.5	7.40	9.93	114.17			11.10	14.90	171.26
		27.0 - Abrupt change to massive sulfide (M).	50	10	1.4	B 480	20.1	21.6	1.5	7.00	9.70	93.94			10.50	14.55	140.91
		Contact broken grd. · Sulfide adjacent contact	40	12	0.9	B 481	21.6	23.1	1.5	7.20	9.65	101.83			10.80	14.48	152.75
		is friable porous.	35	10	0.8	B 482	23.1	24.6	1.5	4.18	6.31	79.54			6.27	9.47	119.31
27.0	36	Massive sulfide (M) with porous (MV) and barite	3	<1	2.3	✓	24.6	27.0	2.4	<1% Pb Zn			Au -	Nil for Cu.	0	0	0

LOGGED BY Alexander Young Po D.D.H. NO '76-44-199 PAGE 2/4

Interval From	Interval To	DESCRIPTION		Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		an - groundmass variables. Competent. Compositional	60	12 1.5	B483	27.0	28.5	1.5	6.10	10.21	108.00					
		banding (sulphide/band) ≈ 25 ~ 30°.	55	15 1.4	B484	28.5	30.0	1.5	5.40	9.35	98.74					
		35.1 ~ 36 - transitional zone w/ bleached sericite	60	12 1.5	B485	30.0	31.5	1.5	6.20	9.85	131.24					
		phyllite. Contact sub-// to core axis w/ sulphides	50	12 1.5	B486	31.5	33.0	1.5	6.40	9.25	104.92					
		at one side and bleached sericite phyllite on the	50	10 1.3	B487	33.0	34.5	1.5	5.10	8.48	55.32					
		opposite side.	40	10 1.1	B488	34.5	36.0	1.5	2.35	9.18	65.46					
		36 - gradual change to normal sericite phyllite (S).														
36	39.6	Sericite phyllite (S). Competent. Slight trace	/	/ 3.2	/	36.0	39.6	3.6								
		of graphite and calcite. Foliation F_2 ≈ 90 ≈ 45°			wt Au	2.1	36.0	33.9	5.63	8.53	91.2					
		changing to 20 ~ 25 @ 38.1. F_1 ≈ F_2 (?) - not			wt Au	2.1	23.1	21.0	6.70	9.13	99.1	✓				
		very clear relationship based @ 37.5 m.			wt Au	2.1	24.6	22.5	6.63	9.22	96.05					
		39.6 - Abrupt change to Calcitic - chloritic sericite			"	10.6	13.1	2.5	4.06	6.21	5.21					
		phyllite (Sx + c). Contact broken ground.			"	22.0	36.0	2.0	5.63	9.64	23.52					
39.6	93.0	Calcitic - chloritic sericite phyllite (Sx + c).		51.8	/	39.6	93.0	53.4								
		Competent. Greenish groundmass w/ white calcite			"	93.0	94.0	1.0	2.32	4.68	20.16					
		laminae (F_1). F_2 ≈ 85-30° ; F_1 ≈ 75 - 90°.														
		47.2 - 59.4 - F_2 ≈ 0 ~ 10 ; F_1 ≈ 85 ~ 90°														
		61 - Shear														
		61.3 - 61.6 - Bleached phyllite, tuffaceous looking.														
		Pasty buff. Contacts abrupt, broken grd. Siliceous														
		non-calcitic except for short secondary stringers.														

LOGGED BY Alexander Young Po 11"x17" x ~ ± D.D.H. Nº '76-U-199 PAGE 3/4

Interval From	Interval To	DESCRIPTION	Recovery		Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		77.5-77.7 - F_2 ± 0°; F_1 sub-ll F_2														
		82.3-88.8 - F_2 ± 25°; F_1 ± 55~60 w/ broad ellipsoidal folded neck closures.														
		88.2-88.4 - pebble/sand - shear?														
		91.4-93 - F_2 ± 30° F_1 ± 85~90°														
		93 - gradual change to sericite phyl w/trace calcite (Sk)														
93	102.4	Sericite phyl w/trace calcite (Sk). Competent. Foliation F_2 ± 30°, F_1 ± not well developed ±60° @ 98 m.	8.8	/	93	102.4	9.4									
		102.4 - Abrupt change to bleached sericite phyllite. Contact broken grd.														
102.4	103.0	Bleached sericite phyllite (Sb). Competent. Buff with greenish hue. Foliation ± 30° ~ 45°. Sulfide showing Py: 2% Pb+Zn: Tr.														
		103.0 - Abrupt clean contact w/ massive sulfides ± 65°	2	hr	0.6	/	102.4	103.0	0.6	Trace						
			15	12	1.4	B489	103.0	104.5	1.5	3.46	9.65	49.32				
103.0	110.5	Massive sulfides of the garnau (MV), banded (MB) and w/ qtz inclusions (MIq) varieties. Competent. Compositional banding ± 60 ~ 65°	70	8	1.5	B490	104.5	106.0	1.5	1.83	1.65	29.14				
			50	6	1.1	B491	106.0	107.5	1.5	1.13	0.90	27.49				
			65	15	1.5	B492	107.5	109.0	1.5	6.80	6.49	65.57				
		Short garnau intervals w/ mavia ± 55 ~ 60°	95	5	1.3	B493	109.0	110.5	1.5	1.95	1.93	29.31				
		109 ~ 109.7 - mgtt w/ Po asso w/ py laminae.	5	1	1.2	/	110.5	111.7	1.2	1.02	4.6	(0.1	0.5			
							102.0	106.1	3.0		0.35	32.36				

LOGGED BY Alexander Yeung PO D.D.H. Nº '76-U-199 PAGE 4/5

Interval From	Interval To	DESCRIPTION	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		110.5 - Gradual change to bleached sericite phyllite (S). Contact is arbitrary. Change is w/ decrease in mineralization and increase of bleached sericite in groundmass.													
110.5	111.7	Bleached sericite phyllite w/ minor sulfide showing (P-56). Competent. Foliation 15°~25°. Sulfides following foliation as well as isolated clusters/clots in groundmass. 111.7 - Abrupt change to graphitic phyllite (G). Contact broken grd.													
111.7	131.1	GRAPHITIC SERICITE PHYLLITE (G). Competent. Foliation F_3 ≈ 35~40° F_1 ≈ 5~10° @ 111.7~115.8' interval. 117~117.3 ~ Foliation changed to F_3 ≈ 50~60° F_1 ≈ 0~10° 116~116.5~ FAULT. DARK STICKY gouge	18.3	/	111.7	131.1	19.4								
131.1		END OF HOLE. NOTE: D & B Survey hampered by high pressure water. Result of Survey is questionable.													