Grom- Section 66W

014965

Vol. 3 of 3

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
FAGU145	9637	2.3	4.1	1.8	78	4A0		.19	.10	.94	8.0					1.04		.90
	9638	4.1	5.9	1.8	100	4A0		.12	.03	1.25	6.0					1.28		.98
	9639	5.9	7.7	1.8	100	4A0		.18	.09	.53	8.0					.62		.85
	9640	7.7	9.5	1.8	100	4A0		.10	.30	1.08	13.0					1.38		.78
	9641	9.5	10.0	.5	100	4A0		.16	.09	1.45	7.0					1.54		.94
	9642	10.0	12.1	2.1	100	4A0		.21	.15	.69	11.0					.84		.82
	9643	12.1	14.2	2.1	100	4A0		.40	.25	.60	21.0					.85		.71
	9644	14.2	16.3	2.1	100	4A0		.20	.06	.42	6.0					.48		.88
	9645	16.3	18.5	2.2	100	4A0		.11	.06	.44	5.0					.50		.88
	9646	18.5	20.7	2.2	100	4A0		.14	.23	.84	10.0					1.07		.79
	9647	20.7	22.9	2.2	100	4A0		.20	.04	.33	6.0					.37		.89
	9648	22.9	24.9	2.0	100	4A0		.10	.04	.40	6.0					.44		.91
	9649	24.9	26.9	2.0	100	4A0		.07	.03	.26	3.0					.29		.90
	9650	26.9	28.9	2.0	100	4A0		.09	.03	.33	4.0					.36		.92
	9651	28.9	30.9	2.0	100	4A0		.09	.04	.39	6.0					.43		.91
	9652	30.9	33.0	2.1	100	4A0		.10	.08	.24	7.0					.32		.75
	9653	33.0	35.1	2.1	90	4A0		.09	.04	.28	6.0					.32		.87
	9654	38.5	40.4	1.9	95	4A0		.12	.05	.29	7.0					.34		.85
	9655	40.4	42.3	1.9	100	4A0		.13	.05	.33	6.0					.38		.87
	9656	42.3	44.2	1.9	100	4A0		.22	.04	.30	8.0					.34		.88
	9657	44.2	46.1	1.9	74	4A0	3.21	.28	.03	.75	10.0	.41	2.70	12.00		.78	14.70	.96
	9658	46.1	48.1	2.0	100	4A0	3.89	.19	1.21	3.30	28.0	.89	2.31	23.60		4.51	25.91	.73
	9659	48.1	49.9	1.8	100	4EA	4.57	.27	1.65	3.70	35.0	1.10	2.31	32.50		5.35	34.81	.69
	9660	49.9	51.6	1.7	100	4A4	3.66	.04	2.50	3.20	45.0	.82	1.99	16.60		5.70	18.59	.56
	9661	88.6	90.6	2.0	100	5A69	2.98	.02	.32	.60	8.0	.27	1.99	3.35		.92	5.34	.65
	9662	90.6	92.8	2.2	100	4A4	3.08	.03	2.60	4.60	43.0	.55	1.67	7.20		7.20	8.87	.64
	9663	92.8	93.2	.4	75	4G4	4.07	.03	4.30	7.30	69.0	.48	.91	9.70		11.60	10.61	.63
	9664	93.2	94.5	1.3	100	4A4	3.12	.03	2.60	4.00	51.0	.55	1.10	7.10		6.60	8.20	.61
	9665	97.7	98.7	1.0	90	4LG	3.20	.06	1.47	2.50	28.0	.41	2.40	6.80		3.97	9.20	.63
	9666	98.7	99.3	.6	100	4A0	3.33	.03	.71	1.32	19.0	.34	2.96	14.50		2.03	17.46	.65
	9667	99.3	100.7	1.4	100	4E8	4.26	.23	1.87	1.95	32.0	.75	5.20	30.30		3.82	35.50	.51
	9668	100.7	102.0	1.3	92	4E8	4.10	.20	2.04	1.00	31.0	1.23	7.10	27.00		3.04	34.10	.33
	9669	102.0	104.1	2.1	100	4CE8	3.82	.27	1.40	2.80	32.0	.62	4.83	20.70		4.20	25.53	.67
	9670	104.1	105.4	1.3	100	4LC	3.11	.09	.40	.26	14.0	.34	2.95	5.10		.66	8.05	.39
	9671	105.4	106.0	.6	100	4E4	3.17	.31	1.97	3.60	44.0	1.37	4.20	24.70		5.57	28.90	.65
	9672	106.0	106.7	.7	86	4G4#	3.89	.11	3.90	8.40	70.0	.89	2.18	10.20		12.30	12.38	.68

DDH	SAMPLE	ROCK UNIT	NORMATIVE MINERALS - WEIGHT % CPY	GA	SP	PO	PY	BAR	OTHER	*	NORMATIVE MINERALS - VOLUME % CPY	GA	SP	PO	PY	BAR	OTHER
FAGU145	9637	4AO	.55	.12	1.40				97.93	*							
	9638	4AO	.35	.03	1.86				97.76	*							
	9639	4AO	.52	.10	.79				98.59	*							
	9640	4AO	.29	.35	1.61				97.75	*							
	9641	4AO	.46	.10	2.16				97.27	*							
	9642	4AO	.61	.17	1.03				98.19	*							
	9643	4AO	1.16	.29	.89				97.66	*							
	9644	4AO	.58	.07	.63				98.73	*							
	9645	4AO	.32	.07	.66				98.96	*							
	9646	4AO	.40	.27	1.25				98.08	*							
	9647	4AO	.58	.05	.49				98.88	*							
	9648	4AO	.29	.05	.60				99.07	*							
	9649	4AO	.20	.03	.39				99.38	*							
	9650	4AO	.26	.03	.49				99.21	*							
	9651	4AO	.26	.05	.58				99.11	*							
	9652	4AO	.29	.09	.36				99.26	*							
	9653	4AO	.26	.05	.42				99.28	*							
	9654	4AO	.35	.06	.43				99.16	*							
	9655	4AO	.38	.06	.49				99.07	*							
	9656	4AO	.64	.05	.45				98.87	*							
	9657	4AO	.81	.03	1.12	4.25	25.81		67.99	*	.62	.01	.89	2.95	16.50		79.03
	9658	4AO	.55	1.40	4.92	3.63	50.75		38.75	*	.49	.70	4.63	2.97	38.19		53.02
	9659	4EA	.78	1.91	5.52	3.63	69.89		18.27	*	.80	1.09	5.94	3.40	60.17		28.60
	9660	4A4	.12	2.89	4.77	3.13	35.70		53.40	*	.10	1.33	4.13	2.36	24.75		67.32
	9661	5A69	.06	.37	.89	3.13	7.20		88.34	*	.04	.14	.65	1.97	4.17		93.03
	9662	4A4	.09	3.00	6.86	2.63	15.48		71.94	*	.06	1.25	5.36	1.79	9.69		81.84
	9663	4G4	.09	4.97	10.88	1.43	20.86		61.77	*	.07	2.18	8.96	1.03	13.75		74.01
	9664	4A4	.09	3.00	5.96	1.73	15.27		73.95	*	.06	1.24	4.63	1.17	9.47		83.43
	9665	4LG	.17	1.70	3.73	3.77	14.62		76.00	*	.13	.69	2.86	2.52	8.98		84.82
	9666	4AO	.09	.82	1.97	4.66	31.18		61.29	*	.07	.36	1.63	3.36	20.68		73.90
	9667	4E8	.66	2.16	2.91	8.18	65.16		20.93	*	.67	1.22	3.08	7.54	55.23		32.26
	9668	4E8	.58	2.36	1.49	11.17	58.06		26.35	*	.56	1.29	1.52	9.93	47.51		39.19
	9669	4CEB	.78	1.62	4.17	7.60	44.52		41.32	*	.69	.80	3.86	6.11	32.95		55.60
	9670	4LC	.26	.46	.39	4.64	10.97		83.28	*	.18	.18	.29	2.99	6.51		89.85
	9671	4E4	.90	2.28	5.37	6.61	53.12		31.74	*	.84	1.19	5.27	5.64	41.73		45.33
	9672	4G4#	.32	4.50	12.52	3.43	21.94		57.29	*	.25	2.02	10.52	2.50	14.74		69.97

DRILL HOLE : FAGU145
NORTHING : 904,791.1
EASTING : 592,445.3
ELEVATION : 1,167.9
TOTAL DEPTH : 121.9
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:	36
NOS DOWN-H-SURVEYS:	3
NOS DOWN-H-LITHOLOGY:	32
NOS DOWN-H-STRUCTURE:	37
NOS DOWN-H-FAULTS:	13
NOS DOWN-H-SPLINES:	3
NOS COMPOSITES:	0

DDH: FAGU145 UTM-N: 904,791.1 UTM-E: 592,445.3 UTM-ELEV: 1,167.9 TOTAL DEPTH: 121.9 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	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.
2.3	4.1	09637	1.8	1.4	4A0		.19	.10	.94	8.00											
4.1	5.9	09638	1.8	1.8	4A0		.12	.03	1.25	6.00											
5.9	7.7	09639	1.8	1.8	4A0		.18	.09	.53	8.00											
7.7	9.5	09640	1.8	1.8	4A0		.10	.30	1.08	13.00											
9.5	10.0	09641	.5	.5	4A0		.16	.09	1.45	7.00											
10.0	12.1	09642	2.1	2.1	4A0		.21	.15	.69	11.00											
12.1	14.2	09643	2.1	2.1	4A0		.40	.25	.60	21.00											
14.2	16.3	09644	2.1	2.1	4A0		.20	.06	.42	6.00											
16.3	18.5	09645	2.2	2.2	4A0		.11	.06	.44	5.00											
18.5	20.7	09646	2.2	2.2	4A0		.14	.23	.84	10.00											
20.7	22.9	09647	2.2	2.2	4A0		.20	.04	.33	6.00											
22.9	24.9	09648	2.0	2.0	4A0		.10	.04	.40	6.00											
24.9	26.9	09649	2.0	2.0	4A0		.07	.03	.26	3.00											
26.9	28.9	09650	2.0	2.0	4A0		.09	.03	.33	4.00											
28.9	30.9	09651	2.0	2.0	4A0		.09	.04	.39	6.00											
30.9	33.0	09652	2.1	2.1	4A0		.10	.08	.24	7.00											
33.0	35.1	09653	2.1	1.9	4A0		.09	.04	.28	6.00											
38.5	40.4	09654	1.9	1.8	4A0		.12	.05	.29	7.00											
40.4	42.3	09655	1.9	1.9	4A0		.13	.05	.33	6.00											
42.3	44.2	09656	1.9	1.9	4A0		.22	.04	.30	8.00											
44.2	46.1	09657	1.9	1.4	4A0	3.21	.28	.03	.75	10.00		.41	2	12	14						
46.1	48.1	09658	2.0	2.0	4A0	3.89	.19	1.21	3.30	28.00		.89	2	23	25						
48.1	49.9	09659	1.8	1.8	4EA	4.57	.27	1.65	3.70	35.00		1.10	2	32	34						
49.9	51.6	09660	1.7	1.7	4A4	3.66	.04	2.50	3.20	45.00		.82	1	16	18						
88.6	90.6	09661	2.0	2.0	5A69	2.98	.02	.32	.60	8.00		.27	1	3	5						
90.6	92.8	09662	2.2	2.2	4A4	3.08	.03	2.60	4.60	43.00	46.00	.55	1	7	8						
92.8	93.2	09663	.4	.3	4G4	4.07	.03	4.30	7.30	69.00		.48		9	10						
93.2	94.5	09664	1.3	1.3	4A4	3.12	.03	2.60	4.00	51.00		.55	1	7	8						
97.7	98.7	09665	1.0	.9	4LG	3.20	.06	1.47	2.50	28.00		.41	2	6	9						
98.7	99.3	09666	.6	.6	4A0	3.33	.03	.71	1.32	19.00		.34	2	14	17						
99.3	100.7	09667	1.4	1.4	4E8	4.26	.23	1.87	1.95	32.00		.75	5	30	35						
100.7	102.0	09668	1.3	1.2	4E8	4.10	.20	2.04	1.00	31.00		1.23	7	27	34						
102.0	104.1	09669	2.1	2.1	4CE8	3.82	.27	1.40	2.80	32.00		.62	4	20	25						
104.1	105.4	09670	1.3	1.3	4LC	3.11	.09	.40	.26	14.00		.34	2	5	8						
105.4	106.0	09671	.6	.6	4E4	3.17	.31	1.97	3.60	44.00		1.37	4	24	28						
106.0	106.7	09672	.7	.6	4G4#	3.89	.11	3.90	8.40	70.00	70.00	.89	2	10	12						
WEIGHTED AVERAGE																					
2.3	35.1		32.8	32.2			.15	.09	.56	7.85											
38.5	51.6		13.1	12.5		2.16	.18	.76	1.66	19.41		.45	1	11	13						
88.6	94.5		5.9	5.8		3.12	.02	1.94	3.29	34.66	17.15	.45	1	6	7						
97.7	106.7		9.0	8.7		3.68	.17	1.61	2.39	31.70	5.44	.71	4	18	22						

DDH: FAGU145 UTM-N: 904,791.1 UTM-E: 592,445.3 UTM-ELEV: 1,167.9 TOTAL DEPTH: 121.9 SECTION: W 66
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	155.000	44.000
45.700	157.500	59.000
91.400	162.000	68.000

DDH: FAGU145 UTM-N: 904,791.1 UTM-E: 592,445.3 UTM-ELEV: 1,167.9 TOTAL DEPTH: 121.9 SECTION: W 66
RFE: S2 RFE DIR: 230 FLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
9.5	0001	4A0	[4A3 &1 + 4E1 + 3G12]	0.5-	1
10.0	0002	4A0	BXA [4A31 + 4E1]	0.5-	1
35.1	0003	4A0	[4A13 + 3G12]	0.5-	1
38.5	0004	5C4*	MOTTLED	0.5-	1
48.1	0005	4A0	[4A13 + 3G12]	0.5-	1
49.9	0006	4EA	BXA	0.5-	1
52.0	0007	4A0	[4A13 &4 + 3G12]	0.5-	1
53.4	0008	5A0	(4A4) MINOR	0.5-	1
61.3	0009	5B2	-> 5B26	0.5-	1
62.9	0010	4L0	(4E1) MINOR	0.5-	1
72.9	0011	5B6	-> 4L LOCALLY	0.5-	1
73.8	0012	5A6		0.5-	1
77.7	0013	4L0	(5B6) 70:30	0.5-	1
78.5	0014	4L3		0.5-	1
83.5	0015	5B6		0.5-	1
86.0	0016	4L0	(4E0) 90:10	0.5-	1
90.6	0017	5A69	[5A16 + 4A13 &4]	0.5-	1
92.8	0018	4A0	[4A13]	0.5-	1
93.2	0019	4G4		0.5-	1
94.5	0020	4A0	[4A1 &3]	0.5-	1
97.7	0021	5A6	(4A0) MINOR	0.5-	1
98.7	0022	4L0	(4G4) 80:20	0.5-	1
99.3	0023	5A6	(4E1) 70:30	0.5-	1
102.0	0024	4E8	&1	0.5-	1
104.1	0025	4C8	(4E8) [4C38]	0.5-	1
105.4	0026	4L3	(4C0) (4D4) MINOR	0.5-	1
106.0	0027	4E0	BXA	0.5-	1
106.7	0028	4G4	&#	0.5-	1
111.0	0029	5B6		0.5-	1
112.1	0030	4E#	BXA	0.5-	1
113.9	0031	4L0		0.5-	1
121.9	0032	4L2		0.5-	1

DDH: FAGU145 UTM-N: 904,791.1 UTM-E: 592,445.3 UTM-ELEV: 1,167.9 TOTAL DEPTH: 121.9 SECTION: W 66
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	S0 DIRECT	S1 ANGLE	S1 DIRECT	S2 ANGLE	S2 DIRECT	RFE COE	DHDC	SDC	PROCESS
FAGU145	0.0	3.0	CS2		0	0	0	0	56	230	0	1	1	1
FAGU145	0.0	7.8	CS2		0	0	0	0	56	230	0	1	1	1
FAGU145	0.0	12.9	CS2		0	0	0	0	65	230	0	1	1	1
FAGU145	0.0	18.3	CS2		0	0	0	0	68	230	0	1	1	1
FAGU145	0.0	23.0	CS2		0	0	0	0	68	230	0	1	1	1
FAGU145	0.0	27.5	CS2		0	0	0	0	73	230	0	1	1	1
FAGU145	0.1	30.5	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGU145	0.0	32.0	CS2		0	0	0	0	69	230	0	1	1	1
FAGU145	30.5	35.1	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGU145	0.0	37.0	PS2		0	0	0	0	75	230	0	1	1	1
FAGU145	35.1	38.1	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGU145	0.0	43.0	CS2		0	0	0	0	55	230	0	1	1	1
FAGU145	38.1	45.2	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGU145	0.0	49.9	CS2		0	0	0	0	75	230	0	1	1	1
FAGU145	0.0	54.8	CS2		0	0	0	0	68	230	0	1	1	1
FAGU145	49.9	58.0	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGU145	0.0	60.0	PS2		0	0	0	0	72	230	0	1	1	1
FAGU145	0.0	65.0	PS2		0	0	0	0	78	230	0	1	1	1
FAGU145	58.0	68.4	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGU145	0.0	70.1	CS2		0	0	0	0	82	230	0	1	1	1
FAGU145	68.4	70.4	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGU145	0.0	74.7	PS2		0	0	0	0	76	230	0	1	1	1
FAGU145	70.4	78.5	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGU145	0.0	80.0	CS2		0	0	0	0	74	230	0	1	1	1
FAGU145	78.5	82.2	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGU145	0.0	85.3	CS2		0	0	0	0	80	230	0	1	1	1
FAGU145	82.2	86.9	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGU145	0.0	90.0	CS2		0	0	0	0	77	230	0	1	1	1
FAGU145	86.9	93.9	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGU145	93.9	95.2	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGU145	0.0	95.2	CS2		0	0	0	0	75	230	0	1	1	1
FAGU145	0.0	101.0	PS2		0	0	0	0	66	230	0	1	1	1
FAGU145	0.0	105.2	PS2		0	0	0	0	39	230	0	1	1	1
FAGU145	95.2	106.7	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGU145	0.0	114.9	CS2		0	0	0	0	30	230	0	1	1	1
FAGU145	0.0	120.0	CS2		0	0	0	0	64	230	0	1	1	1
FAGU145	114.0	121.9	CS2	S	0	0	0	0	0	0	0	1	1	1

DDH: FAGU145 UTM-N: 904,791.1 UTM-E: 592,445.3 UTM-ELEV: 1,167.9 TOTAL DEPTH: 121.9 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
FAGU145	9.5	10.0	D		0	0	0	0	0	0	1
FAGU145	0.0	35.1	G		0	0	99	999	0	0	1
FAGU145	48.1	49.9	X?		0	0	0	0	0	0	1
FAGU145	45.2	49.9	B		0	0	0	0	0	0	1
FAGU145	53.4	53.6	G		0	0	99	999	0	0	1
FAGU145	0.0	62.3	G		0	0	99	999	0	0	1
FAGU145	63.8	63.9	G		0	0	99	999	0	0	1
FAGU145	0.0	78.5	G		0	0	0	0	0	0	1
FAGU145	105.4	106.7	D		0	0	0	0	0	0	1
FAGU145	106.7	111.0	3BG		0	0	0	0	0	0	1
FAGU145	111.0	112.1	DX?		0	0	0	0	0	0	1
FAGU145	112.1	113.9	GB		0	0	0	0	0	0	1
FAGU145	113.9	114.0	1G		0	0	99	999	0	0	1

DDH: FAGU145 UTM-N: 904,791.1 UTM-E: 592,445.3 UTM-ELEV: 1,167.9 TOTAL DEPTH: 121.9 SECTION: W 66
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGU145	1	2
FAGU145	2	2
FAGU145	3	1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 76-U145

Project: GRUM RELOG

Location: VANGORDA PLAT.

Claim:

Terr. Plane Co-ords.: 6,904,791.1 N

592,445.3 E

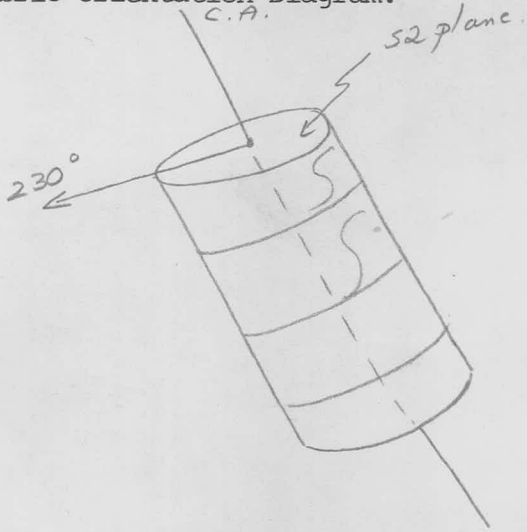
(Conversion of K-A surveyed grid co-ords)

Grid Co-ords.: 66W/2N

Elevation: 1167.89

Total Depth: 121.9 m.

Fabric Orientation Diagram:



All symmetry determinations looking

NW with S2 dipping

SW with dip azimuth 230°.

Purpose:

Re Logged by: DJH Date(s) Logged:

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

Started: 13/8/76 Completed: 15/8/76

Cyprus Anvil Mining Corp.

DDH 76-U145 (2 / 8)

Diamond Drill Core Log

Code	Drillhole	Elevation	Northing	Easting	Comments
1	2 8	10 16	17 24	25 32	34 48
T	76-U145	1167.9	9049711.	5924453.	METRES

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2 8	10 14	22 26	28 32	34 56
R	76-U145	0 0	155.0	44.0	AT COLLAR
R	76-U145	45.7	157.5	59.0	SPERRY SUN
R	76-U145	91.4	162.0	68.0	
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

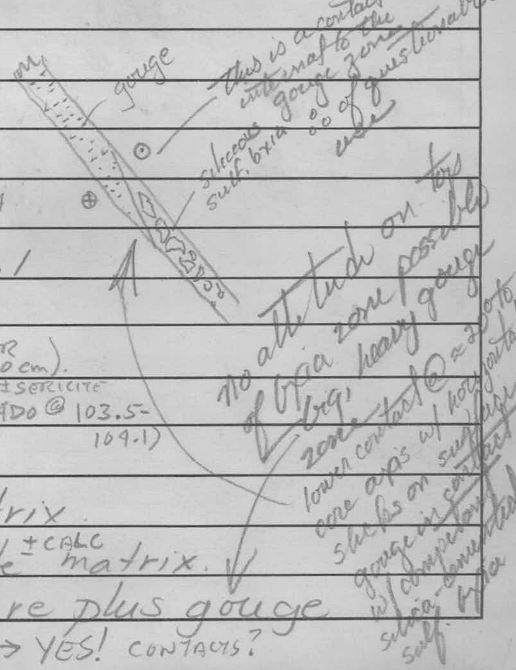
Cyprus Anvil Mining Corp.

Lithologic Log

DDH 76-U145 (2 … 8)

Logged By: DJH.

	Code (1)	From (10–14)	To (16–20)	Unit (22 23)	Code (25–27)	Description
G	L	00	95	1	~~4A0~~	→4A3±1 ± (4E1) + (3G12 - FINELY INTERBANDED) + C-PARTINGS (→ as 10 cm beds) ~20% tot. sde (py)
G	L	95	100	2	~~4A0~~	→4A3±1 + (4E1) bxia. (well healed) →3G12 + (4E1) + (4A13) clasts in QZ-PY-CaCO3 matrix?
G	L	100	351	3	~~4A0~~	→4A13 + (3G12 - FINELY INTERBANDED) + C-PARTINGS 15-20% tot. sdes.; sde content
						gen. decreasing along int; 20 cm F/W = GOUGE ‖S2
	L	351	385	4	5I?3 (C4 *mot)	mottled; ~15-20% chl. w/ remain. = carb (DOLO)
						+talc?; altered?; heavily altered @
						cts. w/ mariposite; 4L53?
G	L	385	481	5	~~4A0~~	→4A13 + (3G12 - FINELY INTERBANDED) + C-PARTINGS±3
	L	481	499	6	4EA	CLASTS = (4E0±1±4) + (4A13) bxia; matrix indistinct but looks like
						a mixture of qtz & sdes ±CALC with minor
						graphite No bxia contact attitudes poss. as core split & grungy
G	L	499	~~520~~ 516	7	~~4A0~~	→4A13 ±4 ± (3G12 - F.I.B.) w/ v. minor 4L32 (10cm @ 50.3-50.4)
G	L	~~520~~ 516	534	8	5A0	+ (minor 4A4)
	L	534	613	9	5B2	→5B26; dark grey in colour but no
						graphite streak gouge ≈ ‖S2? 53.4-53.6
	L	613	629	10	4L0	gouge @ 62.3 ≈‖S2 w/ slicks on S2 surface; band 4E1 62.2-62.4; →4L3 intensely alt'ed.
	L	629	729	11	5B6	w/ minor 4L developed; thin gouge ≈‖S2? @ 63.8-63.9
	L	729	738	12	5A6	no 4L
	L	738	777	13	4L0	w/ 30% 5B6; mod. alt'ion
	L	777	785	14	4L3	strongly alt'ed; gouge ≈‖S2? @ 78.5 m (may be drilling related?)
	L	785	835	15	5B6	
	L	835	860	16	4L0	mod. alt'ed; mass. sde band 85.4-85.6
G	L	860	906	17	~~5A6~~	5A16 + (4A13±4) ~~→5A16 towards EOI~~; also minor sdes
						towards EOI
G	L	906	928	18	~~4A0~~	→4A13 + C-PARTINGS + BANDS
	L	928	932	19	4G4	- RED-ORANGE SPHAL.
	L	932	945	20	~~4A0~~	→4A1±3 - C-PARTINGS + BANDS. ±4 TOWARD F/W
	L	945	977	21	5A6	w/ minor ~~4A0~~ →4A1 ± minor 4
	L	977	987	22	4L0	w/ 4G4 97.9-98.1
G	L	987	993	23	~~5A6~~	→4A1 - NO SULPHIDES + (5A16) w/ ±30% (4E1)
G	L	993	1020	24	~~4E0~~	→4E8±1 grad. lower ct. (OVER 40 cm).
G	L	1020	1041	25	~~4G0~~	→4C8 + (4E8) →= 30% OF UNIT ±SERICITE ~50-60% sdes +(4D0 @ 103.5-104.1)
	L	1041	1054	26	4L3	+(minor 4C0) + (minor 4D4)
	L	1054	1060	27	4E0	bxia w/ PY-QZ±CALC ~~m.s.~~ matrix
	L	1060	1067	28	~~4G0~~	→4G4 bxia w/ m.s. ± barite ±CALC matrix.
	L	1067	1110	29	5B6	? heavily broken core plus gouge
						(ie - fault zone?) → YES! CONTACTS?



DDH 76-01-45 (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	→ 4E* - CALC
L	1/1/1 0	1/1/2 1	310	4E16	(OPEN & CLOSED) breccia w/ siliceous matrix in part; CLASTS ARE NOT ORIENTED.
					*note interesting breccia texture w/ small frags contained w/in larger frags. → poss 2 episodes of brecciation
L	1/1/12 1	1/1/41 3 9 9	311	4L10	soft, punky, heavily broken, plus gouge & minor sdes.
L	1/1/13 9	1/12/1 9	312	4L12	~5% py.
		EOH			

upper contact indeterminate, lower contact difficult to interpret as gouge ends abruptly on broken core w/ ≈ 90° to c.a. 4L4 below gouge fractured w/ thin (.5cm) gouge zones ≈ foliaform wrt S_2 i.e. to first approx lower contact ∥ S_2

indicates sdes of fault material.

DDH 76-U-145 (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		130	CIS12			516 2130	S region 0.0 - 30.5 m.
S		178	CIS12			56 2130	
S		1129	CIS12			615 2130	
S		1183	CIS12			618 2130	
S		1230	CIS12			618 2130	
S		1275	CIS12			713 2130	
S		1305	IF12	E			Z region 30.5 - 35.1
S		1320	CIS12			619 2130	
S		1351	IF12	Z			R region 35.1 - 38.1
S		1370	IS12			715 2130	
S		1381	IF12	R			S region 38.1 - 45.2
S		1430	CIS12			515 2130	
S		1452	IF12	S			
							Broken core + bxia 45.2 - 49.9
							(no sym nor S2)
S		1499	CIS12			715 2130	S region 49.9 - 58.0 m.
S		1548	CIS12			618 2130	
S		1580	IF12	S			PS2 region 58.0 - 68.4
S		1600	PIS12			712 2130	
S		1650	PIS12			718 2130	
S		1684	IF12	P			S region 68.4 - 70.4
S		1701	CIS12			812 2130	
S		1704	IF12	S			PS2 region 70.4 - 78.5
S		1747	PIS12			716 2130	
S		1785	IF12	P			S region 70.4 - 82.2
S		1800	CIS12			714 2130	
S		1822	IF12	E			Z region 82.2 - 86.9
S		1853	CIS12			810 2130	
S		1869	IF12	3			S region 86.9 - 93.9 m.
S		1900	CIS12			717 2130	
S		1939	IF12	E			Z region 93.9 - 95.2
S		1952	IF12	Z		715 2130	R region 95.2 - 106.7
S		1101 0	IS12			616 2130	+
S		1101 52	IS12			319 2130	
S		1101 67	IF12	R			Fault gouge & heavily broken core 106.7 - 114.0

DDH 76-U-145 (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	
							-no sym -no S2
S		1/14.0	FRS	S			S region 114.0–121.9
S		1/14.9	CIS2			310 230	
S		1/20.0	CIS2			64 230	
S		1/21.9	FRS	S			
		EOH					

DDH 76-UL45 (2 / 8)

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

Logged By: DJH

Sampled By: K.A.

Code	From (m)	To (m)	Sample No.	Description	Length	Rec.	Unit
P	100	146	A1/1612	K.A.	4.6	0.9	✓
P	146	176	A1/1613	K.A.	3.0	2.5	
P	176	1107	A1/1614	K.A.	3.1	2.6	
P	1107	1137	A1/1615	K.A.	3.0	2.4	
P	1137	1168	A1/1616	K.A.	3.1	2.6	
P	1168	1198	A1/1617	K.A.	3.0	3.0	
P	1198	1229	A1/1618	K.A.	3.1	2.7	
P	1383	1427	A1/1619	K.A.	4.4	2.6	
P	1427	1457	A1/1710	K.A.	3.0	1.9	✓
P	1457	1472	A1/1711	K.A.	1.5	0.8	✓
P	1472	1488	A1/1712	K.A.	1.6	1.0	
P	1488	1503	A1/1713	K.A.	1.5	1.5	
P	1503	1518	A1/1714	K.A.	1.5	1.0	
P	1905	1930	A1/1715	K.A.	2.5	2.1	
P	1930	1945	A1/1716	K.A.	1.5	1.2	
P	1975	1991	A1/1717	K.A.	1.6	0.9	
P	1991	11006	A1/1718	K.A.	1.5	1.4	
P	11006	11021	A1/1719	K.A.	1.5	1.5	
P	11021	11036	A1/1810	K.A.	1.5	1.5	
P	11036	11067	A1/1811	K.A.	3.1	2.8	

LOGGED 1980 // CHECKED & ASSAYED 1981 66W

(2)

DDH J6-U1-45 Cyprus Anvil Mining Corp Page ____ of ____

CHECKED Logged by GG

ASSAY LOG (SAMPLER'S COPY) Date 18 Aug/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
	100	123	————	23	*	*	No Recovery.
P	123	141	916317	18	14	4A31	±1 +(4E1)
P	141	159	916318	18	18	4A31	±1 +(4E1)
P	159	177	916319	18	18	4A31	±1 +(4E1)
P	177	195	916410	18	18	4A31	±1 +(4E1)
P	195	1100	916411	105	105	4A31	±1 +(4E1) -TBRECCIA
P	1100	1121	916412	121	121	4A113	
P	1121	1142	916413	121	121	4A113	
P	1142	1163	916414	121	121	4A113	
P	1163	1185	916415	122	122	4A113	
P	1185	1207	916416	122	122	4A113	
P	1207	1229	916417	122	122	4A113	
P	1229	1249	916418	120	120	4A113	
P	1249	1269	916419	120	120	4A113	
P	1269	1289	916510	120	120	4A113	
P	1289	1309	916511	120	120	4A113	
P	1309	1330	916512	121	121	4A113	
P	1330	1351	916513	121	119	4A113	
	1351	1385	————	34	——	5C19*	LOW GRADE NOT SAMPLED // ASSAY = 0%
P	1385	1404	916514	119	118	4A113	
P	1404	1423	916515	119	119	4A113	
P	1423	1442	916516	119	119	4A113	
P	1442	1461	916517	119	114	4A113	
P	1461	1481	916518	120	120	4A113	
P	1481	1499	916519	118	118	4E1A1	BRECCIA
P	1499	1516	916610	117	117	4A113	±4
P	1818	1906	916611	120	120	5A116	+(4A13 ±4)
P	1906	1928	916612	122	122	4A113	
P	1928	1932	916613	104	103	4G41	
P	1932	1945	916614	113	113	4A11	±3 ±4
	1945	1977	————	32	1	5A16	LOW GRADE NOT SAMPLED // ASSAY = 0%
P	1977	1987	916615	110	109	4L01	+(4G4)
P	1987	1993	916616	106	106	4A11	+(5A16) +(4E1)
P	1993	1007	916617	114	114	4E18	±1

SPLIT

SPLIT

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

LOGGED 1980 / CHECKED & ASSAYED 1981 GGW

(5)

DDH 76-U-145 Cyprus Anvil Mining Corp Page ____ of ____

CHECKED ~~Logged~~ by GG

ASSAY LOG (SAMPLER'S COPY) Date 17 Aug/81 Sampled by ____

UNITS = METRES

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
	10 14	16 20	22 26	28 30	32 34	36 40	42
P	110.07	110.20	916618	11.3	11.2	14E81	±1
P	110.20	110.41	916619	12.1	12.1	14C81	+(4E8)
P	110.41	110.54	916710	11.3	11.3	14L31	+(minor 4CO) +(minor 4D4)
P	110.54	110.60	916711	10.6	10.6	14E01	BRECCIA
P	110.60	110.67	916712	10.7	10.6	14G41	BRECCIA
	111.10	111.21	----	11.1	1-	14E*1	BRECCIA / IN THE MIDDLE OF A LARGE GOUGE ZONE - LOW GRADE, NOT SAMPLED
							END OF HOLE @ 121.9

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

DDH FAG0145 (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	95	1,100	D					
F		3151	G			9999		
F	4181	4199	X?					
F	5334	5336	G			9999		
F		6236	G			9999		
F	6388	6397	G			9999		
F		7855	G					
F	10547	10677	D					
F	10677	11110	BG					20°toCA = lower contact
F	11110	11121	D X?					
F	11121	11139	GB					
F	11139	11410	G			9999		
F	4522	4999	B					

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

DIAMOND DRILL RECORD

LOGGED BY ALEXANDER YOUNG PO

D.D.H. Nº 76-U-145 PAGE 1

PROPERTY GRUM JOINT VENTURE

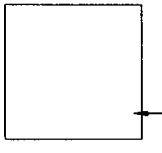
LATITUDE 66W STARTED AUGUST 13, 1976

DEPARTURE 2N COMPLETED AUGUST 15, 1976

ELEVATION PROPOSED DEPTH

ULTIMATE DEPTH 121.9m

HOLE SURVEY:		
DEPTH	BEARING	DIP
COLLAR	044	-65°
45.72m	059	-67°
91.44m	067	-72°



DIRECTION AND DISTANCE FROM N.E. CLAIM POST

CLAIM Nº

TOTAL CORE RECOVERY: 84%

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	35.1	MINERALIZED GRAPHITIC PHYLLITE (PG). Competent, bri- 20 2	0.9	4162	0	4.6	4.6	0.08	0.90	6.17			0.98	PbZn	
		ttle. Foliation = 45-50°. At 16.8, foliation 25 2	2.5	4163	4.6	7.6	3.0	0.07	1.28	5.14			1.35	PbZn	
		changes into F = 70-75°; F = 5-10°. 25 2	2.6	4164	7.6	10.7	3.1	0.35	1.68	9.94			2.03	PbZn	
		4.6-5.0: Sulfide bx cemented by graphite/clay mineral 25 2	2.4	4165	10.7	13.7	3.0	0.25	0.70	14.06			0.95	PbZn	
		9.3-9.6: Sulfide bx. Bigger fragments Ø = 2cm. 20 1	2.6	4166	13.7	16.8	3.1	0.05	0.43	6.17			0.48	PbZn	
		Cemented by graphite. Walls = 45°. Blebs cpy. 15 1	3.0	4167	16.8	19.8	3.0	0.18	0.85	6.17			1.03	PbZn	
		24.4-29.0: Series of small fold nose closures. 15 2	2.7	4168	19.8	22.9	3.1	0.13	0.53	7.20			0.66	PbZn	
		24.4-35.1: Foliation = 75-80°; F = 0-5°. 10 Tr.	11.0		22.9	35.1	12.2								
		35.1: Sharp abrupt change to bleached phyllite (Sb).													
		Contact broken core.		W.Av.	0	22.9	22.9	1.06	PbZn						
35.1	38.3	BLEACHED PHYLLITE (Sb), WITH CHLORITIC INTERVAL AND TRACE	3.1		35.1	38.3	3.2								
		CALCITE (Sbc + K). Soft rx unit. Spots of fuchsite.													
		Foliation = 75-80°. White/green stripes.													
		38.3: Abrupt change to mineralized graphitic phyllite (PG).													
		Contact broken ground.													

LOGGED BY _____ D.D.H. NO 76-U-145 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
38.3	51.8	MINERALIZED GRAPHITIC PHYLLITE (PG). Fissile, breaks into													
		poker chips. F_2 = 80-85°; F_1 = 15-20°. 20 2	2.6	4169	38.3	42.7	4.4	0.04	0.35	3.06			0.39	PbZn	
		45-45.6: Bx. Phyllite sub-angular fragments Ø = 1mm 25 2	1.9	4170	42.7	45.7	3.0	0.04	0.45	5.14			0.49	PbZn	
		-1.0cm cemented by graphite. 25 3	0.8	4171	45.7	47.2	1.5	0.75	2.75	15.09			3.50	PBZn	
		48.4-48.8: Sulfide bx. Angular fragments of sulfides 40 6	1.0	4172	47.2	48.8	1.6	0.90	2.58	18.17			3.48	PbZn	
		and graphite Ø = 1mm-1.5cm. cemented by 60 10	1.5	4173	48.8	50.3	1.5	2.60	3.55	30.17			3.90	5.33	45.26
		barite. 25 3	1.0	4174	50.3	51.8	1.5	1.65	2.23	30.17			2.48	3.35	45.26
		51.8: Abrupt change to Graphitic Phyllite (G).													
		Contact broken core.		W.Av.	38.3	45.7	7.4	0.43	PbZn						
				W.Av.	45.7	48.8	3.1	3.49	PbZn						
51.8	61.2	GRAPHITIC PHYLLITE (G). Very fissile. Poker chips core.	8.6		51.8	61.2	9.4								
		Foliation = 75-80°. No clear F_1/F_2 relationship noted.													
		Sporadic Po blebs.		W.Av.	48.8	51.8	3.0	2.13	2.89	30.17			6.38	8.68	90.52
		55.0: Shear.		W.Av.	48.5	51.8	3.3	2.02	2.86	29.1			6.65	9.45	95.97
		61.2: Shear contact with bleached phyllite (Sb) = 80°.													
61.2	62.7	BLEACHED PHYLLITE (Sb). Soft broken core. Buff with	1.2		61.2	62.7	1.5								
		greenish hue. Foliation = 75-80°.													
		62.2-62.4: Massive sulfide band: Py: 75, PbZn: 2%.													
		62.7: Gradual change to Sericite Phyllite with short													
		graphite interval (S+G).													

LOGGED BY _____ D.D.H. NO 76-U-145 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
62.7	83.5	SERICITE PHYLLITE W/INTERCALATED SHORT INTERVALS OF GRAPHITIC	19.6		62.7	83.5	20.8								
		PHYLLITE (S+G). Fissile, easily breaks into poker chips.													
		Foliation = 75-80°; F_1 = 5-10°. Sporadic clots of Po and													
		leaf Py.													
		77.7-78.4: Bleached phyllite. Light silvery gray. Folia-													
		tion = 75-80°. First contact gradual; second													
		contact broken gougy ground.													
		78.4-78.6: Small fault - gray thick, sticky gouge with													
		quartz pebbles.													
		83.5: Gradual change to bleached sericite phyllite (Sb).													
83.5	86.2	BLEACHED SERICITE PHYLLITE (Sb). Soft but solid core.	2.7		83.5	86.2	2.7								
		Buff to silvery white with greenish hue. Foliation = 75-85°.													
		Blebs and laminae of Po following foliation.													
		86.2: Sharp contact with graphitic phyllite (G) = 80°.													
86.2	90.5	GRAPHITIC PHYLLITE (G). Fissile, easily breaks into poker	4.0		86.2	90.5	4.3								
		chips. Foliation = 80-85°; F_1 = 0-5°. Clots of sulfides in													
		felsic laminae. Py: = 1%, PbZn: = Trace.													
		90.5: Increasing mineralization. Rx becoming mineralized													
		graphitic phyllite.													

LOGGED BY _____ D.D.H. NO 76-U-145 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
90.5	99.1	MINERALIZED GRAPHITIC PHYLLITE (PG). Fissile, easily	20 4	2.1	4175	90.5	93.0	2.5	3.30	5.94	54.51			8.25	14.85	136.28
		breaks into poker chips. Foliation F = 85-90° ;	20 6	1.2	4176	93.0	94.5	1.5	2.48	4.10	38.40			3.72	6.15	57.6
		F = 0-5°.	15 Tr.	2.1		94.5	97.5	3.0								
		Massive sulfide @ 93-93.2.	25 7	0.9	4177	97.5	99.1	1.6	1.38	1.88	20.23			3.26	PbZn	
		98-98.2: Bleached phyllite. Broken core. Silvery	75 5	1.4	4178	99.1	100.6	1.5	2.40	2.20	27.43			4.60	PbZn	
		white with greenish hue.	75 2	1.5	4179	100.6	102.1	1.5	1.50	0.75	19.20			2.25	PbZn	
		99.1: Abrupt change to Massive sulfide (M).	60 2	1.5	4180	102.1	103.6	1.5	0.63	1.08	9.94					
		Contact broken ground.	25 3	2.8	4181	103.6	106.7	3.1	2.65	4.25	42.51			8.22	13.18	131.78
99.1	106.7	MASSIVE SULFIDE(M) WITH SOME VARIETIES HAVING QUARTZ INCLU-			W.Av.	90.5	94.5	4.0	2.99	5.25	48.47			11.97	21.00	193.88
		SIONS (MIq), SULFIDE BX (MXs). Po and Mgtt clots as well as			W.Av.	97.5	102.1	4.6	3.37	PbZn						
		laminae. Short intervals of bleached phyllite (Sb). Faint			W.Av.	103.2	106.7	3.5	2.42	3.89	38.79			8.47	13.61	135.76
		compositional banding = 75-80°.														
		104.1-105.3: Bleached phyllite (Sb). Buff with silvery														
		gray intervals. Foliation = 30°, with fold														
		nose at 104.5. Contacts broken ground.														
		105.5-106.7: Sulfide bx. Sulfide fragments Ø = 1mm=2cm.,														
		angular to sub-rounded well cemented by sulfide														
		graphite and trace calcite.														
		106.7: Change to Sericite Phyllite. Contact broken ground,														
		marked by bull quartz pebbles.														

LOGGED BY _____ D.D.H. NO 76-U-145 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
106.7	111.3	SERICITE PHYLLITE (S). Broken gougy ground. Could be a	4.0		106.7	111.3	4.6								
		fault zone. Ground composed of flakes, pebbles of phyllite,													
		quartz and some bleached sericite fragments all together													
		mixed with gougy materials.													
		111.3: Contact with bleached phyllite. Contact marked by													
		well healed sulfide bx.													
111.3	121.9	BLEACHED PHYLLITE (Sb). Soft solid core. Buff to silvery	9.2		111.3	121.9	10.6								
		gray colour with short interval of massive sulfide.													
		111.3-111.8: Sulfide bx cemented by quartz (MXq).													
		112.5-113.8: FAULT. Buff coloured gouge with sericite													
		phyllite and quartz pebbles.													
		120.4-121.9: F_2 = 85-90°; F_1 = 0-5°. F_1 has some sulfide													
		blebs.													
		NOTE: From 111.3 to 121.9 sulfides occur as thin laminae													
		and isolated blebs. Sulfides average: Py, Po with tr.													
		Zn + Pb. Oxides: Mgtt usually as blebs.													
	121.9	END OF HOLE.													

DDH: FAGU145 -- 42 DEGREE PROFILE

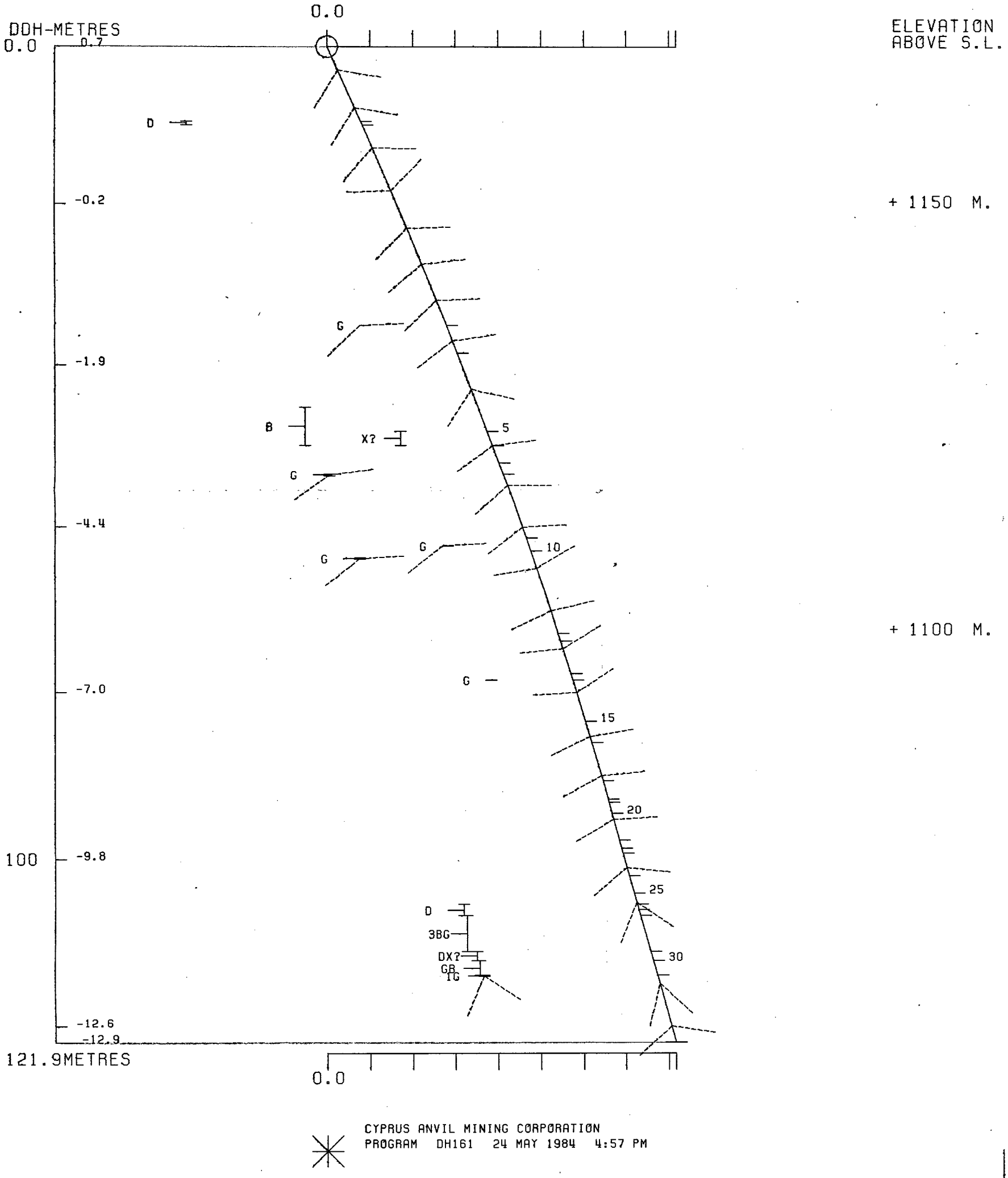
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1168 592445E ; 904791N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 444.5 Z = 1168.0

SECTION NAME: 66W



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 24 MAY 1984 4:57 PM

DDH: FAGU145 -- 42 DEGREE PROFILE

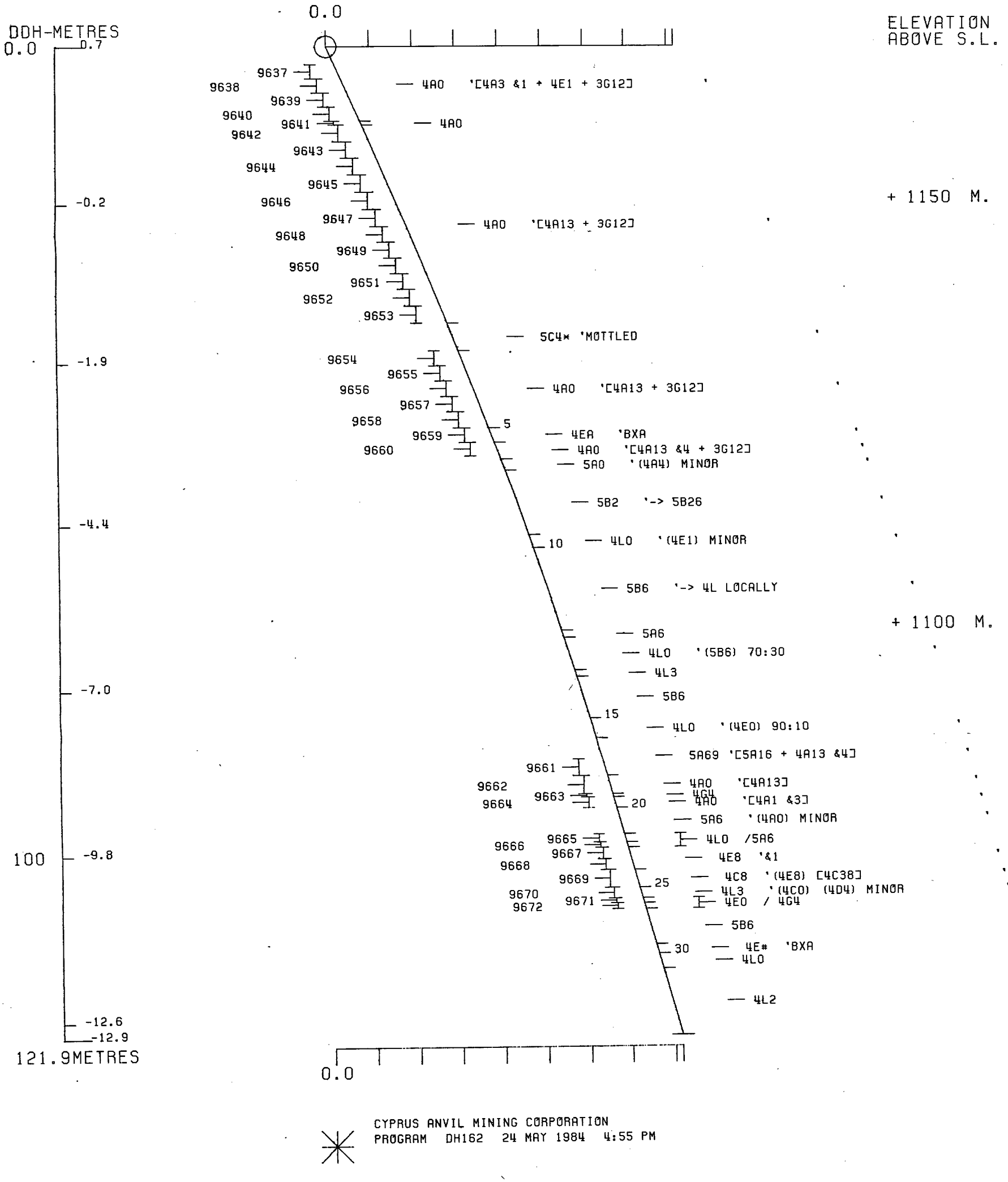
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1168 592445E ; 904791N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 444.5 Z = 1168.0

SECTION NAME: 66W



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 24 MAY 1984 4:55 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
																2.02		.76
FAGU147	7869	.0	6.1	6.1	20	4AD		.06	.48	1.54	14.0					1.12		.72
	787C	6.1	9.1	3.0	77	4AC		.21	.31	.81	18.0					1.52		.78
	7871	9.1	11.2	2.1	100	4AD		.25	.33	1.19	19.0					1.31		.79
	7872	11.2	13.2	2.0	100	4AD		.16	.27	1.04	15.0					1.24		.77
	7873	13.2	15.2	2.0	95	4AC		.27	.29	.95	19.0					1.12	12.94	.77
	7874	15.2	17.2	2.0	100	4AD	3.17	.13	.26	.86	18.0	.69	1.24	11.70		.90	19.04	.77
	7875	17.2	18.7	1.5	100	4AD	3.32	.17	.21	.69	17.0	.69	1.14	17.90		8.00	15.77	.58
	7876	18.7	20.2	1.5	100	4A4	3.40	.13	3.40	4.60	63.0	2.33	1.37	14.40		22.30	26.25	.71
	7877	20.2	21.6	1.4	100	4E4	4.51	.21	6.50	15.80	102.0	2.88	3.05	23.20		21.90	12.32	.66
	7878	21.6	22.5	.9	78	4D4	3.37	.24	7.50	14.40	122.0	2.95	1.52	10.80		15.70	29.08	.66
	7879	22.5	24.8	2.3	100	4GE4	4.73	.19	5.30	10.40	93.0	2.54	1.68	27.40		16.50	10.03	.72
	788C	24.8	26.5	1.7	76	4D4	3.45	.14	4.60	11.90	103.0	1.85	1.33	8.70		9.40	33.16	.65
	7881	26.5	27.8	1.3	100	4EG	4.76	.27	3.30	6.10	82.0	2.33	2.86	30.30		14.40	20.25	.67
	7882	27.8	29.0	1.2	50	4G4	4.73	.12	4.70	9.70	88.0	1.78	.95	19.30		16.40	14.75	.65
	7883	29.0	31.0	2.0	100	4E4	4.63	.13	5.70	10.70	89.0	4.52	2.05	12.70		3.67	11.37	.95
	7884	31.0	31.8	.8	50	5D4*	3.10	.02	.17	3.50	5.0	1.65	8.06	3.31		12.10	37.29	.68
	7885	31.8	33.3	1.5	47	4E4	4.70	.26	3.90	8.20	91.0	1.37	3.79	33.50		11.70	16.52	.69
	7886	33.3	33.7	.4	100	5D4*	3.96	.07	3.60	8.10	63.0	1.30	5.82	10.70		15.00	32.71	.67
	7887	33.7	34.6	.9	56	4G4	4.80	.11	4.90	10.10	87.0	1.44	3.01	29.70		5.69	19.30	.65
	7888	34.6	36.4	1.8	94	4A4	3.33	.30	1.99	3.70	27.0	1.37	2.10	17.20		1.79		.72
	7889	51.2	53.3	2.1	90	4AC		.39	.51	1.28	36.0					.69		.83
	7890	53.3	56.0	2.7	100	4AD		.40	.12	.57	13.0					.81		.80
	7891	56.0	56.6	.6	100	4E0		.48	.16	.65	15.0					.87		.59
	7892	56.6	57.4	.8	75	4AC		.34	.36	.51	13.0							

DDH	SAMPLE	ROCK UNIT	NORMATIVE MINERALS - WEIGHT % CPY	GA	SP	PO	PY	BAR	OTHER	*	NORMATIVE MINERALS - VOLUME % CPY	GA	SP	PO	PY	BAR	OTHER
FAGU147	7869	4A0	.17	.55	2.30				96.98	*							
	7870	4A0	.61	.36	1.21				97.83	*							
	7871	4A0	.72	.38	1.77				97.12	*							
	7872	4A0	.46	.31	1.55				97.68	*							
	7873	4A0	.78	.33	1.42				97.47	*							
	7874	4A0	.38	.30	1.28	1.95	25.16		70.93	*	.28	.13	1.01	1.34	15.87		81.37
	7875	4A0	.49	.24	1.03	1.79	38.49		57.95	*	.40	.11	.87	1.32	26.04		71.27
	7876	4A4	.38	3.93	6.86	2.15	30.97		55.72	*	.31	1.79	5.86	1.60	21.17		69.27
	7877	4E4	.61	7.51	23.55	4.80	49.89		13.64	*	.63	4.35	25.58	4.53	43.35		21.56
	7878	4D4	.69	8.66	21.47	2.39	23.23		43.56	*	.60	4.17	19.38	1.88	16.77		57.20
	7879	4GE4	.55	6.12	15.50	2.64	58.92		16.26	*	.57	3.53	16.78	2.49	51.03		25.60
	7880	4D4	.40	5.31	17.74	2.09	18.71		55.74	*	.32	2.38	14.93	1.53	12.60		68.23
	7881	4EG	.78	3.81	9.09	4.50	65.16		16.66	*	.81	2.21	9.87	4.25	56.58		26.30
	7882	4G4	.35	5.43	14.46	1.49	41.50		36.77	*	.31	2.74	13.69	1.23	31.42		50.61
	7883	4E4	.38	6.58	15.95	3.22	27.31		46.55	*	.32	3.13	14.22	2.50	19.48		60.36
	7884	5D4*	.06	.20	5.22	12.68	7.12		74.73	*	.04	.08	3.99	8.43	4.35		83.11
	7885	4E4	.75	4.50	12.22	5.96	72.04		4.52	*	.84	2.84	14.43	6.12	68.02		7.76
	7886	5D4*	.20	4.16	12.08	9.15	23.01		51.40	*	.17	1.92	10.44	6.88	15.92		64.67
	7887	4G4	.32	5.66	15.06	4.73	63.87		10.36	*	.34	3.40	16.98	4.64	57.63		17.00
	7888	4A4	.87	2.30	5.52	3.30	36.99		51.03	*	.72	1.07	4.03	2.51	25.90		64.96
	7889	4A0	1.13	.59	1.91				96.38	*							
	7890	4A0	1.16	.14	.85				97.86	*							
	7891	4E0	1.39	.18	.97				97.46	*							
	7892	4A0	.98	.42	.76				97.84	*							

DRILL HOLE : FAGU147
NORTHING : 904,788.0
EASTING : 592,443.1
ELEVATION : 1,170.2
TOTAL DEPTH : 76.2
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:	24
NOS DOWN-H-SURVEYS:	1
NOS DOWN-H-LITHOLOGY:	25
NOS DOWN-H-STRUCTURE:	15
NOS DOWN-H-FAULTS:	11
NOS DOWN-H-SPLINES:	1
NOS COMPOSITES:	0

DDH: FAGU147 UTM-N: 904,788.0 UTM-E: 592,443.1 UTM-ELEV: 1,170.2 TOTAL DEPTH: 76.2 SECTION: W 66
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	6.1	07869	6.1	1.2	4AO		.06	.48	1.54	14.00											
6.1	9.1	07870	3.0	2.3	4AO		.21	.31	.81	18.00											
9.1	11.2	07871	2.1	2.1	4AO		.25	.33	1.19	19.00											
11.2	13.2	07872	2.0	2.0	4AO		.16	.27	1.04	15.00											
13.2	15.2	07873	2.0	1.9	4AO		.27	.29	.95	19.00											
15.2	17.2	07874	2.0	2.0	4AO	3.17	.13	.26	.86	18.00		.69	1	11	12						
17.2	18.7	07875	1.5	1.5	4AO	3.32	.17	.21	.69	17.00		.69	1	17	19						
18.7	20.2	07876	1.5	1.5	4A4	3.40	.13	3.40	4.60	63.00		2.33	1	14	15						
20.2	21.6	07877	1.4	1.4	4E4	4.51	.21	6.50	15.80	102.00		2.88	3	23	26						
21.6	22.5	07878	.9	.7	4D4	3.37	.24	7.50	14.40	122.00	128.00	2.95	1	10	12						
22.5	24.8	07879	2.3	2.3	4GE4	4.73	.19	5.30	10.40	93.00		2.54	1	27	29						
24.8	26.5	07880	1.7	1.3	4D4	3.45	.14	4.60	11.90	103.00		1.85	1	8	10						
26.5	27.8	07881	1.3	1.3	4EG	4.76	.27	3.30	6.10	82.00		2.33	2	30	33						
27.8	29.0	07882	1.2	.6	4G4	4.73	.12	4.70	9.70	88.00		1.78		19	20						
29.0	31.0	07883	2.0	2.0	4E4	4.63	.13	5.70	10.70	89.00		4.52	2	12	14						
31.0	31.8	07884	.8	.4	5D4*	3.10	.02	.17	3.50	5.00		1.65	8	3	11						
31.8	33.3	07885	1.5	.7	4E4	4.70	.26	3.90	8.20	91.00		1.37	3	33	37						
33.3	33.7	07886	.4	.4	5D4*	3.96	.07	3.60	8.10	63.00		1.30	5	10	16						
33.7	34.6	07887	.9	.5	4G4	4.80	.11	4.90	10.10	87.00		1.44	3	29	32						
34.6	36.4	07888	1.8	1.7	4A4	3.33	.30	1.99	3.70	27.00	30.00	1.37	2	17	19						
51.2	53.3	07889	2.1	1.9	4AO		.39	.51	1.28	36.00											
53.3	56.0	07890	2.7	2.7	4AO		.40	.12	.57	13.00											
56.0	56.6	07891	.6	.6	4EO		.48	.16	.65	15.00											
56.6	57.4	07892	.8	.6	4AO		.34	.36	.51	13.00											
WEIGHTED AVERAGE																					
.0	36.4		36.4	27.8		2.33	.16	2.31	5.00	47.46	4.64	1.19	1	10	12						
51.2	57.4		6.2	5.8			.39	.28	.81	20.98											

DDH: FAGU147 UTM-N: 904,788.0 UTM-E: 592,443.1 UTM-ELEV: 1,170.2 TOTAL DEPTH: 76.2 SECTION: W 66
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	43.900	229.200

DDH: FAGU147 UTM-N: 904,788.0 UTM-E: 592,443.1 UTM-ELEV: 1,170.2 TOTAL DEPTH: 76.2 SECTION: W 66
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
20.2	0001	4AC	(4D4) (4E1) MINOR	0.5-	1
21.6	0002	4E4	BXA	0.5-	1
22.5	0003	4D4		0.5-	1
24.8	0004	4G4	(4E0) 60:40	0.5-	1
26.5	0005	4D4	BXA	0.5-	1
27.8	0006	4E4	(4G4) BXA 60:40	0.5-	1
29.0	0007	4G4		0.5-	1
31.0	0008	4E4	POROUS	0.5-	1
31.8	0009	5D4*	(10QO) 50:50	0.5-	1
33.3	0010	4E4		0.5-	1
33.7	0011	5D4*	(4E) MINOR	0.5-	1
34.6	0012	4G4		0.5-	1
36.4	0013	4A0		0.5-	1
36.7	0014	4L0		0.5-	1
37.7	0015	4A0		0.5-	1
39.7	0016	5D4*		0.5-	1
40.6	0017	4A0		0.5-	1
51.2	0018	5D4*		0.5-	1
56.0	0019	4A0	BXA	0.5-	1
56.6	0020	4E0	BXA	0.5-	1
57.4	0021	4A0	BXA	0.5-	1
62.6	0022	4A0	(5A6)	0.5-	1
70.1	0023	5B2	-> 5B26	0.5-	1
74.7	0024	5D4*	[4L5?]	0.5-	1
76.2	0025	5B0$		0.5-	1

DDH: FAGU147 UTM-N: 904,788.0 UTM-E: 592,443.1 UTM-ELEV: 1,170.2 TOTAL DEPTH: 76.2 SECTION: W 66
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	S0 DIRECT	S1 ANGLE	S1 DIRECT	S2 ANGLE	S2 DIRECT	RFE CDE	DHDC	SDC	PROCESS
FAGU147	0.0	6.4	CS2		0	0	0	0	70	230	0	1	1	1
FAGU147	0.0	10.7	CS2		0	0	0	0	70	230	0	1	1	1
FAGU147	0.0	15.4	CS2		0	0	0	0	62	230	0	1	1	1
FAGU147	0.1	18.3	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGU147	0.0	21.3	PS2		0	0	0	0	64	230	0	1	1	1
FAGU147	0.0	28.1	PS2		0	0	0	0	50	230	0	1	1	1
FAGU147	0.0	33.1	PS2		0	0	0	0	56	230	0	1	1	1
FAGU147	0.0	38.2	PS2		0	0	0	0	62	230	0	1	1	1
FAGU147	18.3	40.6	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGU147	0.0	62.5	CS2		0	0	0	0	67	230	0	1	1	1
FAGU147	62.5	66.9	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGU147	0.0	66.9	CS2		0	0	0	0	79	230	0	1	1	1
FAGU147	0.0	71.8	CS2		0	0	0	0	81	230	0	1	1	1
FAGU147	66.9	76.2	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGU147	0.0	76.2	CS2		0	0	0	0	66	230	0	1	1	1

DDH: FAGU147 UTM-N: 904,788.0 UTM-E: 592,443.1 UTM-ELEV: 1,170.2 TOTAL DEPTH: 76.2 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
FAGU147	20.2	21.6	D		0	0	0	0	0	0	1
FAGU147	22.5	27.8	D		0	0	0	0	0	0	1
FAGU147	29.0	31.0	1D		0	0	0	0	0	0	1
FAGU147	33.3	33.7	1P		0	0	0	0	0	0	1
FAGU147	36.4	36.7	BG		0	0	0	0	0	0	1
FAGU147	40.6	51.2	BG		0	0	0	0	0	0	1
FAGU147	51.2	56.0	X		0	0	0	0	0	0	1
FAGU147	56.0	56.6	D		0	0	0	0	0	0	1
FAGU147	56.6	57.4	X		0	0	0	0	0	0	1
FAGU147	57.4	62.6	G		0	0	0	0	0	0	1
FAGU147	40.6	62.6	F		0	0	0	0	0	0	1

DDH: FAGU147 UTM-N: 904,788.0 UTM-E: 592,443.1 UTM-ELEV: 1,170.2 TOTAL DEPTH: 76.2 SECTION: W 66
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGU147	1	1

**THIS REPORT WAS REQUESTED BY: LEEP .GEOLOGY AT: 10:18:19

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 76-U147

Project: GRUM RELOG

Location: VANGORDA PLAT

Claim:

UTM Terr. Plane Co-ords.: 6,904,787.~~07~~ 991 N

Conversion of K-A surveyed grid co-ords

3.0724

592,~~442.13~~ E

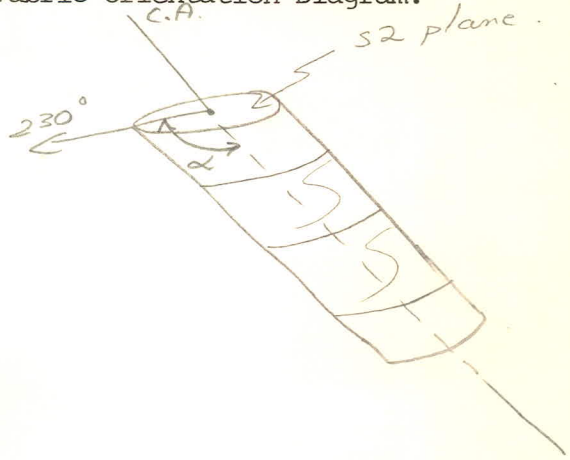
Grid Co-ords.: 66W/2N

~~1170.29~~

Elevation: 1170.~~29~~ 181

Total Depth: 76.2 m

Fabric Orientation Diagram:



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

Purpose:

Re Logged by: DJH Date(s) Logged:

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

Size	From	To
BQ	0	76.2

Started: 15/8/76 Completed: 18/8/76

Cyprus Anvil Mining Corp.

Diamond Drill Core Log

DDH 76-U-147

Code	Drillhole	Elevation	Northing	Easting	Comments
1	2 8	10 16	17 24	25 32	34 48
T	76-U-147	1170-2	904788.9 / 8.0	592443.1	METRES

-229.2 for True North

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2 8	10 14	22 26	28 32	34 56
R	76-U-147	00	43.9	227.6	AT COLLAR
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-147 (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	1100	1202	11	4IA0	w/ .4 m 4DQ@ E.O.I. locally 4E1
L	1202	1216	12	4IE4	minor bxia zones. w/ mass. sde matrix
X					(transported?) orange sp.
L	1216	1225	13	4ID4	as end of #1 orange sp
L	1225	1248	14	4IGIE	60:40 4G4 : 4EO ; 4E is porous
					and appears bxiated. (no $CO_3^=$ detected)
L	1248	1265	15	4ID4	bxia. pale honey sp to 26.2, then orange
L	1265	1278	16	4IE1G	60:40 4E4 (bxia) : 4G4 4EK - scattered ank clasts in massive py @ 27.3-27.8
L	1278	1290	17	4IG14	honey sp
L	1290	1310	18	4IE14	porous, orange sp, mostly porous, minor 4G4, minor 4E bxia
L	1310	1318	19	4IL10	w/ 50% QQ0 minor mariposite
L	1318	1333	110	4IE14	
L	1333	1337	111	5ID4	w/ f mariposite w/ 4E int bdd, some lost core @ time of checking
L	1337	1346	112	4IG14	pale sp
L	1346	1364	113	4IA10	
L	1364	1367	114	4IL10	broken core & gouge.
L	1367	1377	115	4IA10	Completely indeterminate
L	1377	1397	116	4IL10	w/ minor mariposite + ank
L	1397	1406	117	4IA10	
L	1406	1512	118	4IL10	w/ minor mariposite ; int. generally broken
					w/ lost core & gouge ; mud seams
					reported by driller. ; fault zone? ;
					occ. sde. "clasts".
L	1512	1560	119	4IA10	?bxia zone. ; looks like 4E1 frags in a
					dark grey "graphitic" matrix ; interpret
					this as bxia'ted 4A0
L	1560	1566	210	4IE10	bxia ; 4E frags in a mass. sde matrix.
L	1566	1574	211	4IA10	as unit 19 absolutely indeterminate
L	1574	1626	212	4IA10	? black sticky gouge w/ pebbles of 4A0
L	1626	1701	213	5IB12	→ 5B26 ; minor graphite
L	1701	1747	214	4IL10	buff colour ; Fe, Mg $CO_3^=$ bearing?
L	1747	1762	215	5IB10	buff weathering $CO_3^=$; altered?
		EOH			

DDH 76-U147 (2 / 8)

Cyprus Anvil Mining Corp.
Structural Log

Logged By: DJH

Code	From m.	To m.	Feature	Sym	S_1 Dip Direct.	S_2 Dip Direct.	Description
1	10 14	16 20	22 24	26	28 32	34 38	
							* note: due to orientation of hole, sym has been done on the "back side" (ie: posterior) of the core.
S		6.4	CS12			710 2130	Z region 0.0 – 18.3 m.
S		10.7	CS12			710 2130	
S		15.4	CS12			612 2130	
S		18.3	F2Z				R region 18.3 – 40.6 m.
S		21.3	S12			614 2130	
S		28.1	S12			510 2130	
S		33.1	S12			516 2130	
S		38.2	S12			612 2130	
S		40.6	F2R				
							Bxia & gouge zone 40.6 – 62.5m.
							(no sym. – no S2)
S		62.5	CS12			67 2130	S region 62.5 – 66.9
S		66.9	F2E			70 2130	
S		71.8	CS12			81 2130	Z region 66.9 – 76.2
S		76.2	F2Z			616 2130	
		EOH					

DDH 76-U147

Cyprus Anvil Mining Corp.

Geochemical Log (Sampler's Copy)

Logged By: DJH

Sampled By: K.A.

Code	From	To	Sample No.	Description	Length	Rec.	Unit.
	10 14	16 20	22 27				
P	100	161	142168	K.A.	6.1	0.9	✓
P	161	191	142169	K.A.	3.0	2.4	
P	191	1122	142170	K.A.	3.1	2.9	
P	1122	1152	142171	K.A.	3.0	3.0	
P	1152	1183	142172	K.A.	3.1	2.8	
P	1183	1198	142173	K.A.	1.5	1.4	
P	1198	1213	142174	K.A.	1.5	1.5	
P	1213	1229	142175	K.A.	1.6	1.5	
P	1229	1244	142176	K.A.	1.5	1.4	
P	1244	1259	142177	K.A.	1.5	1.5	
P	1259	1274	142178	K.A.	1.5	1.2	
P	1274	1290	142179	K.A.	1.6	0.8	✓
P	1290	1305	142180	K.A.	1.5	1.3	
P	1305	1320	142181	K.A.	1.5	0.8	✓
P	1320	1335	142182	K.A.	1.5	1.2	
P	1335	1351	142183	K.A.	1.6	1.0	
P	1351	1370	142184	K.A.	1.9	1.8	
P	1503	1533	142185	K.A.	3.0	1.3	✓
P	1533	1549	142186	K.A.	1.6	1.0	✓
P	1549	1564	142187	K.A.	1.5	0.9	✓
P	1564	1579	142188	K.A.	1.5	0.8	✓

Logged in 1980, Checked for sampling 1981

DDH FAG U I 4 7 Cyprus Anvil Mining Corp

Page ______ of ______

Logged by DJH checked JSM

ASSAY LOG (SAMPLER'S COPY)

Date ______ Sampled by ______

	CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION	
	1	10 – 14	16 – 20	22 – 26	28 – 30	32 – 34	36 – 40	42	
#1	P	100	161	7869	61	12	4A0		#1
	P	161	191	7870	30	23	4A0		#1
	P	91	112	7871	21	21	4A0		#1
	P	112	132	7872	20	20	4A0		#1
	P	132	152	7873	20	19	4A0		#1
	P	152	172	7874	20	20	4A0		#1
	P	172	187	7875	15	15	4A0		#1
	P	187	202	7876	15	15	4A0	(4D4)	#1
	P	202	216	7877	14	14	4E4		#2
	P	216	225	7878	09	07	4D4		#3
	P	225	248	7879	23	23	4GE		#4
	P	248	265	7880	17	13	4D4		#5
	P	265	278	7881	13	13	4EG		#6
	P	278	290	7882	12	06	4G4		#7
	P	290	310	7883	20	20	4E4		#8
	P	310	318	7884	08	04	4L0	(10Q0)	#9
	P	318	333	7885	15	07	4E4		#10
	P	333	337	7886	04	04	5D4	(4E)	#11
	P	337	346	7887	09	05	4G4		#12
	P	346	364	7888	18	17	4A0		#13
	P	[illegible]	[illegible]		0		4L	[illegible]	#14
#2	P	512	533	7889	21	19	4A0	bxia	#19
	P	533	560	7890	27	27	4A0	bxia	#19
	P	560	566	7891	06	06	4E0	bxia	#20
	P	566	574	7892	08	06	4A0	bxia	#21

DDH FAGU147 (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	1202	1216	D					
F	1225	1278	D					
F	1290	1310	1,D					
F	1333	1337	1,P					
F	1364	1367	B,G					
F	1406	1512	BG					
F	1512	1560	X					
F	1560	1566	D					
F	1566	1574	X					
F	1574	1626	G					
F	1406	1625	F					

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

DIAMOND DRILL RECORD

LOGGED BY ALEXANDER YOUNG PO

D.D.H. Nº 76-U-147 PAGE 1

PROPERTY GRUM JOINT VENTURE

CLAIM Nº

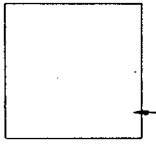
LATITUDE 10,582.414 2N STARTED AUGUST 15, 1976

DEPARTURE 7,748.358 66W COMPLETED AUGUST 18, 1976

ELEVATION 1.180.899 PROPOSED DEPTH 250' - 76.2m

ULTIMATE DEPTH - 76.2m

HOLE SURVEY:		
DEPTH	BEARING	DIP
COLLAR	227° 02'	+46° 09'



DIRECTION AND DISTANCE FROM N.E. CLAIM POST

TOTAL CORE RECOVERY: 68%

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	19.8	MINERALIZED GRAPHITIC PHYLLITE (PG). Competent. Foliation													
		= 75-80°; F = 0-5°. Series of fold noses defining 20 4	0.9	4268	0	6.1	6.1	0.17	2.23	5.14					
		the F clearly at 9.1-16.8. 25 4	2.4	4269	6.1	9.1	3.0	0.13	0.88	7.20			1.01	PbZn	
		25 3	2.9	4270	9.1	12.2	3.1	0.18	1.15	10.97			1.33	PbZn	
		4.8-5.5: Bleached phyllite interval. Buff with 25 3	3.0	4271	12.2	15.2	3.0	0.10	0.93	7.20			1.03	PbZn	
		fuchsite green/splot laminae. Contacts 25 4	2.8	4272	15.2	18.3	3.1	0.13	0.80	8.23			0.93	PbZn	
		broken ground. Foliation = 80-85°. 30 4	1.4	4273	18.3	19.8	1.5	1.65	3.00	31.20			1.95	PbZn	
		19.8: Gradual change to massive sulfide (M). Sul- 75 8	1.5	4274	19.8	21.3	1.5	6.98	14.88	93.94			10.47	22.32	140.91
		fide bands becoming wider. Contact arbitrary. 75 10	1.5	4275	21.3	22.9	1.6	7.08	12.80	108.0			11.33	20.48	172.80
		NOTE: First 6.1 metres of run has pebbly core. 75 10	1.4	4276	22.9	24.4	1.5	4.83	9.95	80.57			7.25	14.93	120.86
		No gouge material noted. Poor recovery. 65 8	1.5	4277	24.4	25.9	1.5	5.63	12.29	98.74			8.45	18.44	148.11
		65 10	1.2	4278	25.9	27.4	1.5	4.33	8.66	72.69			6.50	12.99	109.04
19.8	35.0	MASSIVE SULFIDE (M) WITH SHORT POROUS AND BARITE IN 75 8	0.8	4279	27.4	29.0	1.6	4.70	9.19	81.60			7.52	14.70	130.56
		GROUNDMASS VARIETY (MV+Mb). Competent. Composi- 75 12	1.3	4280	29.0	30.5	1.5	5.46	11.48	94.63			8.19	17.22	141.95
		tional banding = 70-75°. 70 10	0.8	4281	30.5	32.0	1.5	3.30	5.66	42.51			4.95	8.49	63.77
		22.9-24.4: Barite in groundmass. Included here are 75 12	1.2	4282	32.0	33.5	1.5	4.88	8.86	80.57			7.32	13.29	120.86
		short runs of porous variety. 70 10	1.0	4283	33.5	35.1	1.6	3.65	7.82	61.37			5.84	12.51	98.19

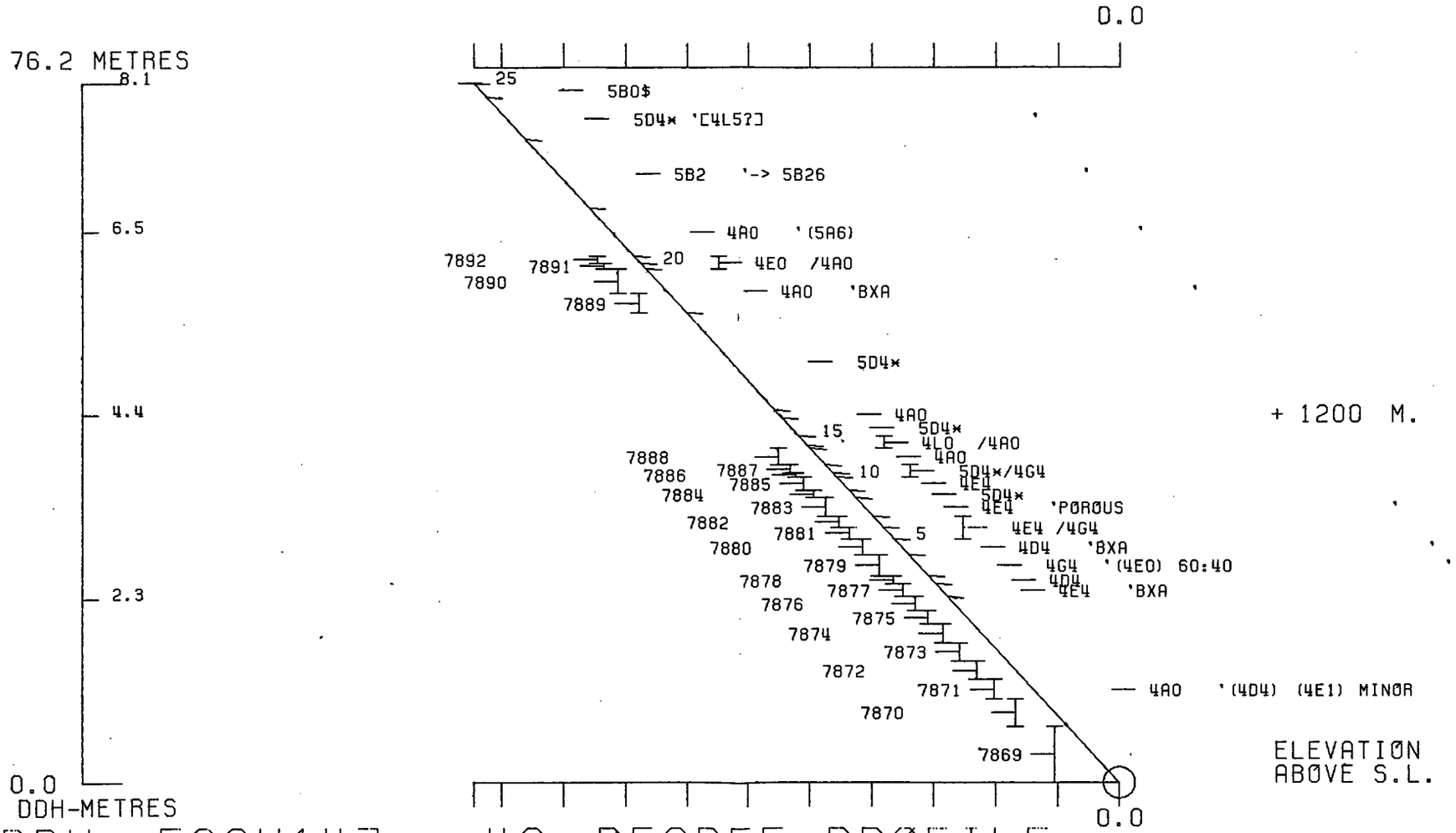
LOGGED BY _____ D.D.H. Nº 76-U-147 PAGE 2

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
		29-31: Porous variety. Voids aligned = 75-80°. 25 5	1.8	4284	35.1	37.0	1.9	1.90	4.25	25.37					
		31.5-32: Bleached phyllite interval-broken ground.													
		33.4-33.7: Bleached phyllite interval with prominent													
		fuchsite laminae in buff bleached sericite		W.Av.	6.1	19.8	13.7	1.17	PbZn						
		groundmass. Foliation = 75°.		W.Av.	19.8	35.1	15.3	5.09	10.15	81.51			77.82	155.37	1247.1
		35.0: Gradual change to mineralized graphitic phyllite (PG).		W.Av.	25.9	29.0	3.1	4.52	8.93	77.29			14.02	27.69	239.60
				W.Av.	30.5	35.1	4.6	2.94	7.45	61.48			18.11	34.29	282.82
35.0	37.0	MINERALIZED GRAPHITIC PHYLLITE (PG). Broken blocky core.													
		Foliation = 70-75°.													
		36.4-36.8: FAULT. Light gray gouge with bleached sericite													
		flakes.													
		37.0: Abrupt change to Bleached phyllite. Contact broken.													
37.0	50.3	BLEACHED PHYLLITE (Sb). Broken soft core. Generally buff	10.5		37.0	50.3	13.3								
		but some intervals have silvery white colour. Foliation =													
		70-75°. Prominent fuchsite spots. Sporadic Py xls/clusters													
		45.7-50.3: Broken and flakey. Could be a shear zone.													
		50.3: Change to Mineralized Graphitic Phyllite (PG).													
50.3	57.9	MINERALIZED GRAPHITIC PHYLLITE (PG). Broken core. 60 5	1.3	4285	50.3	53.3	3.0	0.09	1.05	32.23			1.14	PbZn	
		Interval of sulfide breccia. Core mostly pebbles 50 4	1.0	4286	53.3	54.9	1.6	0.20	0.85	18.17			1.05	PbZn	

LOGGED BY _____ D.D.H. NO 76-U-147 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
		and short blocks = 2.5cm long. 50 4	0.9	4287	54.9	56.4	1.5	0.08	0.45	10.97			0.53	PbZn	
		51.4-52: Sulfide breccia (MXg) cemented by graphite. 30 4	0.8	4288	56.4	57.9	1.5	0.88	1.80	20.23					
		57.2-57.9: FAULT. Black sticky clay with sulfide fragments.		W.Av.	50.3	56.4	6.1	0.97	PbZn						
		Contact with graphitic phyllite (G).													
57.9	70.1	GRAPHITIC PHYLLITE (G). Broken core. Foliation in some	5.1		57.9	70.1	12.2								
		short run = 80-85° and F_1 = 0-5°. Greater part of run													
		(approximately 80%) composed of flakes and flake fragments.													
		62.4-62.6: Black sticky gouge.													
		68-68.6: Sandy to flakey core. No gouge.													
		70.1: Abrupt change to Bleached phyllite (Sb).													
		Contact broken ground.													
70.1	76.2	BLEACHED PHYLLITE (Sb). Broken blocky core from pebble to	4.5		70.1	76.2	6.1								
		3cm long. Foliation = 85-90°; F_1 = 0-10°. Groundmass has													
		trace calcite. Has tuffaceous (ash) appearance.													
	76.2	END OF HOLE.													

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 25 MAY 1984 8:22 AM



DDH: FAGU147 -- 42 DEGREE PROFILE

(VIEW AZIMUTH = 312 DEGREES)

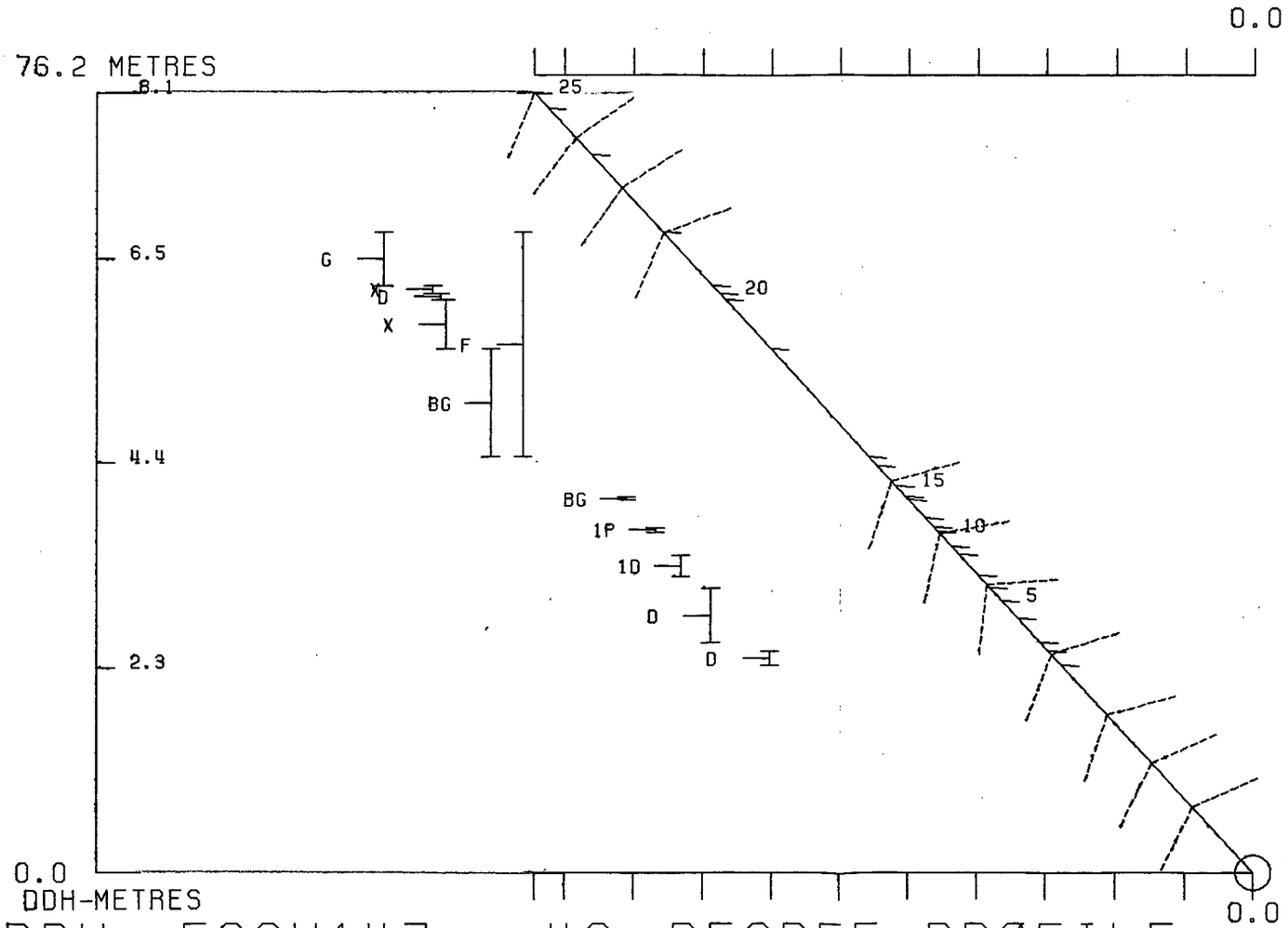
ELEV: 1170 592443E ; 904788N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 440.7 Z = 1170.3

SECTION NAME: 66W

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 25 MAY 1984 8:23 AM



+ 1200 M.

ELEVATION
ABOVE S.L.

DDH: FAGU147 -- 42 DEGREE PROFILE

(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1170 592443E ; 904788N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 440.7 Z = 1170.3

SECTION NAME: 66W

DDH	SAMPLE	----DEPTHS--- FROM	TO	INT M	REC %	ROCK UNIT	S.G.	CU %	PB %	ZN %	AG G/MT	AU G/MT	PC %	PY %	BAC %	PB+ZN %	PC+PY %	ZN RATIO
FAGU155	9718	2.1	4.2	2.1	57	4A3		.09	.14	.61	6.0					.75		.81
	9719	4.2	6.3	2.1	100	4A3		.14	.11	.49	11.0					.60		.82
	9720	6.3	8.4	2.1	100	4A3	3.36	.21	.57	1.39	21.0	.55	2.42	17.50		1.96	19.92	.71
	9721	8.4	10.4	2.0	100	4A3	3.37	.19	.90	1.77	20.0	.75	2.44	16.50		2.67	18.94	.66
	9722	10.4	12.5	2.1	100	4A1	3.46	.14	.87	1.45	20.0	.75	2.14	19.00		2.32	21.14	.63
	9723	12.5	14.5	2.0	100	4A1	3.54	.18	.43	1.04	15.0	.82	1.69	21.90		1.47	23.59	.71
	9724	14.5	16.5	2.0	95	4A1		.20	.14	.70	8.0					.84		.83
	9725	16.5	18.5	2.0	100	4A1		.23	.15	.63	10.0					.78		.81
	9726	18.5	20.5	2.0	100	4A1		.19	.09	.90	7.0					.99		.91
	9727	20.5	22.5	2.0	100	4A1		.14	.05	.35	5.0					.40		.88
	9728	22.5	24.5	2.0	90	4A1		.22	.08	.50	7.0					.58		.86
	9729	24.5	26.5	2.0	100	4A1		.26	.19	.58	10.0					.77		.75
	9730	26.5	27.2	.7	100	4C0		.16	.43	1.29	11.0					1.72		.75
	9731	27.2	27.8	.6	100	4A31		.09	.62	1.17	13.0					1.79		.65
	9732	27.8	30.4	2.6	100	4CA		.32	.19	.68	9.0					.87		.78
	9733	30.4	31.8	1.4	86	4CA		1.00	.05	.50	14.0					.55		.91
	9734	31.8	32.5	.7	100	4A31		.50	.04	.43	10.0					.47		.91
	9735	32.5	34.5	2.0	100	4CAE		.56	.05	.93	16.0					.98		.95
	9736	34.5	36.5	2.0	100	4CAE	3.39	.42	.06	1.14	12.0	.14	5.10	17.40		1.20	22.50	.95
	9737	36.5	37.5	1.0	100	4CAE	3.88	.35	.26	2.97	18.0	.21	6.10	26.40		3.23	32.50	.92
	9738	37.5	39.0	1.5	100	4CAE	3.38	.55	.13	1.27	16.0	.41	5.10	16.80		1.40	21.90	.91
	9739	39.0	41.0	2.0	95	4C8	4.23	.31	.14	1.47	18.0	.14	11.40	28.50		1.61	39.90	.91
	9740	41.0	43.0	2.0	100	4C8	3.81	.25	.53	1.77	26.0	.21	8.10	24.10		2.30	32.20	.77
	9741	43.0	45.0	2.0	100	4C98	3.57	.65	.20	1.05	22.0	.55	5.40	22.40		1.25	27.80	.84
	9742	45.0	47.3	2.3	100	4C98	3.78	.55	.18	1.59	21.0	.48	4.20	27.10		1.77	31.30	.90
	9743	47.3	49.6	2.3	100	4C98	3.69	.24	.21	.51	15.0	1.23	2.10	28.60		.72	30.70	.71
	9744	49.6	51.0	1.4	100	4DA4	3.61	.18	5.59	8.37	96.0	1.09	2.72	16.10		13.96	18.82	.60
	9745	51.0	53.0	2.0	80	4E0		.33	.52	.96	26.0					1.48		.65

DDH	SAMPLE	ROCK UNIT	NORMATIVE MINERALS - WEIGHT % CPY	GA	SP	PO	PY	BAR	OTHER	*	NORMATIVE MINERALS - VOLUME % CPY	GA	SP	PO	PY	BAR	OTHER
FAGU155	9718	4A3	.26	.16	.91				98.67	*							
	9719	4A3	.40	.13	.73				98.74	*							
	9720	4A3	.61	.66	2.07	3.81	37.63		55.22	*	.50	.30	1.78	2.83	25.79		68.80
	9721	4A3	.55	1.04	2.64	3.84	35.48		56.45	*	.44	.47	2.24	2.84	24.15		69.85
	9722	4A1	.40	1.00	2.16	3.37	40.86		52.20	*	.34	.47	1.89	2.55	28.52		66.24
	9723	4A1	.52	.50	1.55	2.66	47.10		47.68	*	.44	.24	1.39	2.07	33.75		62.11
	9724	4A1	.58	.16	1.04				98.22	*							
	9725	4A1	.66	.17	.94				98.22	*							
	9726	4A1	.55	.10	1.34				98.01	*							
	9727	4A1	.40	.06	.52				99.02	*							
	9728	4A1	.64	.09	.75				98.53	*							
	9729	4A1	.75	.22	.86				98.16	*							
	9730	4C0	.46	.50	1.92				97.12	*							
	9731	4A31	.26	.72	1.74				97.28	*							
	9732	4CA	.92	.22	1.01				97.84	*							
	9733	4CA	2.89	.06	.75				96.31	*							
	9734	4A31	1.44	.05	.64				97.87	*							
	9735	4CAE	1.62	.06	1.39				96.94	*							
	9736	4CAE	1.21	.07	1.70	8.02	37.42		51.58	*	1.01	.03	1.48	6.07	26.07		65.34
	9737	4CAE	1.01	.30	4.43	9.59	56.77		27.89	*	.96	.16	4.43	8.35	45.47		40.62
	9738	4CAE	1.59	.15	1.89	8.02	36.13		52.22	*	1.31	.07	1.64	6.05	25.06		65.86
	9739	4C8	.90	.16	2.19	17.93	61.29		17.53	*	.91	.09	2.35	16.72	52.58		27.35
	9740	4C8	.72	.61	2.64	12.74	51.83		31.46	*	.67	.32	2.59	10.87	40.67		44.88
	9741	4C98	1.88	.23	1.57	8.49	48.17		39.66	*	1.67	.12	1.46	6.90	35.99		53.87
	9742	4C98	1.59	.21	2.37	6.61	58.28		30.95	*	1.49	.11	2.34	5.67	45.99		44.40
	9743	4C98	.69	.24	.76	3.30	61.50		33.50	*	.65	.13	.74	2.81	48.07		47.60
	9744	4DA4	.52	6.46	12.48	4.28	34.62		41.65	*	.46	3.18	11.51	3.43	25.55		55.88
	9745	4E0	.95	.60	1.43				97.01	*							

DRILL HOLE : FAGU155
NORTHING : 904,788.5
EASTING : 592,443.3
ELEVATION : 1,166.8
TOTAL DEPTH : 61.0
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: 28
NOS DOWN-H-SURVEYS: 1
NOS DOWN-H-LITHOLOGY: 12
NOS DOWN-H-STRUCTURE: 8
NOS DOWN-H-FAULTS: 12
NOS DOWN-H-SPLINES: 1
NOS COMPOSITES: 0

DDH: FAGU155 UTM-N: 904,788.5 UTM-E: 592,443.3 UTM-ELEV: 1,166.8 TOTAL DEPTH: 61.0 SECTION: W 66
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.
2.1	4.2	09718	2.1	1.2	4A3		.09	.14	.61	6.00											
4.2	6.3	09719	2.1	2.1	4A3		.14	.11	.49	11.00											
6.3	8.4	09720	2.1	2.1	4A3	3.36	.21	.57	1.39	21.00		.55	2	17	19						
8.4	10.4	09721	2.0	2.0	4A3	3.37	.19	.90	1.77	20.00		.75	2	16	18						
10.4	12.5	09722	2.1	2.1	4A1	3.46	.14	.87	1.45	20.00		.75	2	19	21						
12.5	14.5	09723	2.0	2.0	4A1	3.54	.18	.43	1.04	15.00		.82	1	21	23						
14.5	16.5	09724	2.0	1.9	4A1		.20	.14	.70	8.00											
16.5	18.5	09725	2.0	2.0	4A1		.23	.15	.63	10.00											
18.5	20.5	09726	2.0	2.0	4A1		.19	.09	.90	7.00											
20.5	22.5	09727	2.0	2.0	4A1		.14	.05	.35	5.00											
22.5	24.5	09728	2.0	1.8	4A1		.22	.08	.50	7.00											
24.5	26.5	09729	2.0	2.0	4A1		.26	.19	.58	10.00											
26.5	27.2	09730	.7	.7	4CO		.16	.43	1.29	11.00											
27.2	27.8	09731	.6	.6	4A31		.09	.62	1.17	13.00											
27.8	30.4	09732	2.6	2.6	4CA		.32	.19	.68	9.00											
30.4	31.8	09733	1.4	1.2	4CA		1.00	.05	.50	14.00											
31.8	32.5	09734	.7	.7	4A31		.50	.04	.43	10.00											
32.5	34.5	09735	2.0	2.0	4CAE		.56	.05	.93	16.00											
34.5	36.5	09736	2.0	2.0	4CAE	3.39	.42	.06	1.14	12.00		.14	5	17	22						
36.5	37.5	09737	1.0	1.0	4CAE	3.88	.35	.26	2.97	18.00		.21	6	26	32						
37.5	39.0	09738	1.5	1.5	4CAE	3.38	.55	.13	1.27	16.00		.41	5	16	21						
39.0	41.0	09739	2.0	1.9	4C8	4.23	.31	.14	1.47	18.00		.14	11	28	39						
41.0	43.0	09740	2.0	2.0	4C8	3.81	.25	.53	1.77	26.00		.21	8	24	32						
43.0	45.0	09741	2.0	2.0	4C98	3.57	.65	.20	1.05	22.00		.55	5	22	27						
45.0	47.3	09742	2.3	2.3	4C98	3.78	.55	.18	1.59	21.00		.48	4	27	31						
47.3	49.6	09743	2.3	2.3	4C98	3.69	.24	.21	.51	15.00		1.23	2	28	30						
49.6	51.0	09744	1.4	1.4	4DA4	3.61	.18	5.59	8.37	96.00		1.09	2	16	18						
51.0	53.0	09745	2.0	1.6	4EO		.33	.52	.96	26.00											
WEIGHTED AVERAGE																					
2.1	53.0		50.9	49.0		1.75	.30	.41	1.21	16.70		.27	2	10	12						

DDH: FAGU155 UTM-N: 904,788.5 UTM-E: 592,443.3 UTM-ELEV: 1,166.8 TOTAL DEPTH: 61.0 SECTION: W 66
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	146.000	224.000

DDH: FAGU155 UTM-N: 904,788.5 UTM-E: 592,443.3 UTM-ELEV: 1,166.8 TOTAL DEPTH: 61.0 SECTION: W 66
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
10.4	0001	4A3	(4C0) MINOR	0.5-	1
26.5	0002	4A1	-> 4C0	0.5-	1
27.2	0003	4C0		0.5-	1
27.8	0004	4A31		0.5-	1
31.8	0005	4C0	-> 4A3 LOCALLY	0.5-	1
32.5	0006	4A31		0.5-	1
39.0	0007	4C3	(4A13) (4E0)	0.5-	1
43.0	0008	4C8		0.5-	1
49.6	0009	4C98	BXA	0.5-	1
51.0	0010	4D4	(4A0) (5A) BXA	0.5-	1
53.0	0011	4E0		0.5-	1
61.0	0012	5A0		0.5-	1

DDH: FAGU155 UTM-N: 904,788.5 UTM-E: 592,443.3 UTM-ELEV: 1,166.8 TOTAL DEPTH: 61.0 SECTION: W 66
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
FAGU155	0.0	3.1	CS2		0	0	0	0	21	230	0	1	1	1
FAGU155	0.0	7.7	CS2		0	0	0	0	36	230	0	1	1	1
FAGU155	0.0	14.3	CS2		0	0	0	0	41	230	0	1	1	1
FAGU155	0.0	21.0	CS2		0	0	0	0	41	230	0	1	1	1
FAGU155	0.0	27.7	CS2		0	0	0	0	35	230	0	1	1	1
FAGU155	0.0	53.7	CS2		0	0	0	0	48	230	0	1	1	1
FAGU155	0.0	56.9	CS2		0	0	0	0	22	230	0	1	1	1
FAGU155	0.0	60.7	CS2		0	0	0	0	16	230	0	1	1	1

DDH: FAGU155 UTM-N: 904,788.5 UTM-E: 592,443.3 UTM-ELEV: 1,166.8 TOTAL DEPTH: 61.0 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
FAGU155	0.1	6.0	BX		0	0	0	0	0	0	1
FAGU155	34.2	34.7	B		0	0	0	0	0	0	1
FAGU155	35.1	35.5	X		0	0	0	0	0	0	1
FAGU155	35.5	36.0	B		0	0	0	0	0	0	1
FAGU155	36.4	37.0	X		0	0	0	0	0	0	1
FAGU155	37.2	37.5	B		0	0	0	0	0	0	1
FAGU155	39.0	43.0	1X		0	0	0	0	0	0	1
FAGU155	46.0	46.5	X		0	0	0	0	0	0	1
FAGU155	49.6	51.0	XS?		0	0	0	0	0	0	1
FAGU155	53.0	53.5	G		99	999	0	0	0	0	1
FAGU155	53.5	56.4	B		0	0	0	0	0	0	1
FAGU155	59.5	60.5	GP		99	999	0	0	0	0	1

DDH: FAGU155 UTM-N: 904,788.5 UTM-E: 592,443.3 UTM-ELEV: 1,166.8 TOTAL DEPTH: 61.0 SECTION: W 66
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGU155	1	1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 76-UISS

Project: GRUM RELOG

Location: VANGORDA PLATEAU

Claim: _____

VTM ~~Terr~~. Plane Co-ords.: 6,904,789.74 (8 5) N

conversion of K-A surveyed grid co-ords

592,444.81 (3 3414) E

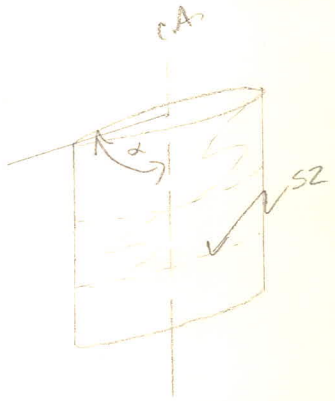
Grid Co-ords.: 66W / ZN

_____

Elevation: 1166.79

Total Depth: 61.0 m

Fabric Orientation Diagram:



All symmetry determinations looking

NW with S2 dipping

SW with dip azimuth 230.

Purpose: _____

Logged by: RE PN Date(s) Logged: AUG. 22 / 80

Drilling Contractor: _____

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

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

Cyprus Anvil Mining Corp.

Diamond Drill Core Log

DDH 76-U155

Code	Drillhole	Elevation	Northing	Easting	Comments
	2 8	10 16	17 24	25 32	34 48
T	76-U155	1161.8	904788.5	592443.8/3	METRES

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
	2 8	10 14	22 26	28 32	34 56
R	76-U155	00	146.0	224.0	AT COLLAR
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-U-155 (2 / 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Logged By: PN / RS

Code	From	To	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
L	0 0	110 4	1	4A13	(4CO) 0-6m. poor recovery, broken core; brecciated w/ qtz & py clasts 5.0-6.6m; < 3% PbZn; 4CO 9.1-9.7m; 4A3 interval 10-15% py
L	110 4	265	2	4A11	3 very siliceous, gradually grading into t out of 4CO w/ minor graphite; also minor 4A3 intervals; 20-30% py (graphitic laminae 10% of rock.
L	265	272	3	4C10	< 1% PbZn;
L	272	278	4	4A13	< 1% PbZn; 4A31;
L	278	318	5	4C10	minor mt at 28.2m (0.1m); 29.2m (0.1m); 30.4 to EoI; mcp in fractures. 4A13 amounts to 0.1m as 2 interbands 29-30.4
L	318	325	6	4A13	< 1% PbZn;
L	325	390	7	4C10	(4A13, 4E0) 4A13 (32.8-33.3; 34.5-35.1) 4CO 50% py, minor cpy in fractures sub // ca mgt (0.1m) at 37.0; broken core 34.2-34.7; 35.4-36; 37.2-37.5; Bx 35.1-35.5 Bx 36.4-37.0 < 1% PbZn; 36.4-37.1 4E0 bx.
L	390	430	8	4C8	< 3% PbZn; 5% qtz as laminae and clots to 1.5cm; fracturing sub // ca and weak bxing present. minor cp 50% py
L	430	496	9	4C9	minor cpy stringers; few mt blebs; brecciated 46.0-46.5m; Cu > 0.3% Frac at 46.0 // c.a.
L	496	510	10	4D4	(4A0, 5A) see nb 1 below
L	510	530	11	4E0	see nb 2 below
L	530	610	12	5AD	calcareous fracture fillings; gouge 53.0-53.5, 59.5-59.7m; broken core 53.5-56.4m; minor py stringers 59.4-59.5, 60.5-61.0m. 5B6; gouge 59.5-60.5, poor recovery; QPO 59.2-59.4m; weakly calcareous 5A
		EOH			
					@ 59.7 gouge ≈ // S_2 ?? (caused by drilling?) also @ 53 ≈ sub // S_2
nb 1 RS	496	510		4D4	(4A0, 5A) fractured sub // c.a. 4A as fragments in 4D4 matrix; 50.7-51.0 5A in shear with minor 4A brtd. cnt with next unit as graphitic shear 0-10° to c.a.
nb 2	510	530		4E0	weakly fractured sub // ca.; ankerite sealed. < 2% qtz as tiny clots. Qtz through laminated (51.8-52.2) occurs as 2nd veins. lower cnt shear // S_2
					NB unit 8 approaches 4E8 over 50% of unit.

py increases

DDH 76-U155 (2 of 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		31	CS2			21 230	very few Symmetry determinations available since core previously split ∴ only S2-C.A. angles measured;
S		77	CS2			316 230	
S		143	CS2			41 230	
S		210	CS2			41 230	
S		277	CS2			35 230	No measurements available 27.7-53.7 m;
S		537	CS2			48 230	
S		569	CS2			22 230	
S		607	CS2			16 230	
		EOH					

DDH 76-U-155 (2 / 8)

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

Logged By: PN

Sampled By: KA

Code	From	To	Sample No.	Description	LENGTH	REC.	UNIT
	10 14	16 20	22 27				
P	115	146	47514	KA	3.1	0.8 ✓	4A3
P	146	176	47515	KA	3.0	1.7 ✓	4A3
P	176	191	47516	KA	1.5	1.3	4A3
P	191	1107	47517	KA	1.6	1.6	4A3 | 4A1
P	1107	1122	47518	KA	1.5	1.4	4A1
P	1122	1137	47519	KA	1.5	1.3	4A1
P	1137	1152	47610	KA	1.5	1.2	4A1
P	1152	1168	47611	KA	1.6	1.1	4A1
P	1168	1198	47612	KA	3.0	2.4	4A1
P	1198	2229	47613	KA	3.1	2.9	4M
P	2229	2259	47614	KA	3.0	2.5	4A1
P	2259	2290	47615	KA	3.1	2.3	4A1 | 4C0 | 4A3
P	2290	3220	47616	KA	3.0	2.7	4C0 | 4A3
P	3220	3511	47617	KA	3.1	2.8	4A3 | 4C0
P	3511	3811	47618	KA	3.0	2.4	4C0
P	3811	4111	47619	KA	3.0	2.9	4C0 | 4C8
P	4111	4412	47710	KA	3.1	2.5	4C8 | 4C0
P	4412	4712	47711	KA	3.0	2.8	4C0
P	4712	5013	47712	KA	3.1	3.0	4C0 | 4A4
P	5013	5310	47713	KA	2.7	2.3	4A4 | 4C0

DDH 76-41-55 (2 … 8) Cyprus Anvil Mining Corp

Page 5 of 5

Logged by TST

Date Aug 19/81 Sampled by W.B.

ASSAY LOG (SAMPLER'S COPY)

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION	
1	10 14	16 20	22 26	28 30	32 34	36 40	42	
	0 0	2 1		2 1	0 2	4A3	(4CO)	
P	2 1	4 2	9718	2 1	1 2	4A3	(4CO)	1
P	4 2	6 3	9719	2 1	2 1	4A3	(4CO)	
P	6 3	8 4	9720	2 1	2 1	4A3	(4CO)	
P	8 4	10 4	9721	2 0	2 0	4A3	(4CO)	
P	10 4	12 5	9722	2 1	2 1	4A13		
P	12 5	14 5	9723	2 0	2 0	4A13		2
P	14 5	16 5	9724	2 0	1 7	4A13		
P	16 5	18 5	9725	2 0	2 0	4A13		
P	18 5	20 5	9726	2 0	2 0	4A13		
P	20 5	22 5	9727	2 0	2 0	4A13		
P	22 5	24 5	9728	2 0	1 8	4A13		
P	24 5	26 5	9729	2 0	2 0	4A13		
P	26 5	27 2	9730	0 7	0 7	4C01		3
P	27 2	27 8	9731	0 6	0 6	4A31		4
P	27 8	30 4	9732	2 6	2 6	4C01		
P	30 4	31 8	9733	1 2	1 2	4C01		5
P	31 8	32 5	9734	0 7	0 7	4A31		6
P	32 5	34 5	9735	2 0	2 0	4C01	(4A13)	7
P	34 5	36 5	9736	2 0	2 0	4C01	(4E0) bx	7
P	36 5	37 5	9737	2 0	1 2	4C01	(4A13)	
P	37 5	39 0	9738	1 5	1 5	4C01	(4A13)	
P	39 0	41 0	9739	2 0	1 9	4C81		8
P	41 0	43 0	9740	2 0	2 0	4C81		
P	43 0	45 0	9741	2 0	2 0	4C91		
P	45 0	47 3	9742	2 3	2 3	4C91		9
P	47 3	49 6	9743	2 3	2 3	4C91		
P	49 6	51 0	9744	1 4	1 4	4D41	(4A0, SA)	10
P	51 0	53 0	9745	2 0	1 6	4E01		11

DDH FAGU155 (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	
F	0 1	60	B X					
F	342	347	B					
F	354	360	B					
F	372	375	B					
F	35 1	355	X					
F	364	370	X					
F	390	430	I X					
F	460	465	X					
F	530	535	G		99 999			?
	[illegible]		G					
F	535	564	B					
F	595	605	G A		99 999			?
F	476	510	X S ?					0-10° to CA ??

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

DIAMOND DRILL RECORD

LOGGED BY ALEXANDER YOUNG-PO

D.D.H. Nº 76-U-155 PAGE 1

PROPERTY GRUM JOINT VENTURE

CLAIM Nº

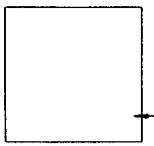
LATITUDE * 10,578 2N+5NE STARTED AUGUST 24, 1976

DEPARTURE 7,744.5 66W COMPLETED AUGUST 25, 1976

ELEVATION 1,177.4 PROPOSED DEPTH 61m

ULTIMATE DEPTH 61m

HOLE SURVEY:		
DEPTH	BEARING	DIP
COLLAR	224°	-56°



DIRECTION AND DISTANCE FROM N.E. CLAIM POST

TOTAL CORE RECOVERY: 77.2%

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
0	38.1	MINERALIZED GRAPHITIC PHYLLITE (PG). Competent.	20 3	0.8	4754	1.5	4.6	3.1	0.10	0.30	5.14					
		Changing foliation. 0-16.8: Foliation = 15-20°	25 2	1.7	4755	4.6	7.6	3.0	0.20	1.00	8.23					
		and at 16.9-21.3: Foliation = 45-50°.	30 6	1.3	4756	7.6	9.1	1.5	1.78	1.95	30.17					
		F /F very well shown at 19.8-22.9.	30 6	1.6	4757	9.1	10.7	1.6	1.23	2.30	17.14					
		1 2 0-1.5: No core recovered.	35 4	1.4	4758	10.7	12.2	1.5	1.30	2.25	18.17					
		1.5-4.6: Broken core. No gouge. Poor recovery.	35 4	1.3	4759	12.2	13.7	1.5	0.55	1.35	12.00					
		5-6: Bx. Phyllite, quartz with sulfide fragments Ø	35 2	1.2	4760	13.7	15.2	1.5	0.43	0.58	10.97					
		= 1mm-2cm cemented by graphite.	30 3	1.1	4761	15.2	16.8	1.6	0.08	0.98	4.11					
		16-16.8: Barite prisms in cavity wall. Small fissure	25 4	2.4	4762	16.8	19.8	3.0	0.18	0.60	8.91					
		= 7°. 34.0: Shear.	25 4	2.9	4763	19.8	22.9	3.1	0.05	0.98	4.11					
		38.1: Gradual change to Quartz-sulfide (P).	25 4	2.5	4764	22.9	25.9	3.0	0.18	0.73	8.23					
			30 4	2.3	4765	25.9	29.0	3.1	0.48	0.73	8.91					
38.1	53.0	QUARTZ-SULFIDE (P). Competent. Very siliceous ground	30 3	2.7	4766	29.0	32.0	3.0	0.05	0.78	9.94					
		mass. Bands of Po and Mgtt at 39-41.1.	35 3	2.8	4767	32.0	35.1	3.1	0.10	1.13	12.00					
		Foliation = 60°. Compositional banding in wider	45 4	2.4	4768	35.1	38.1	3.0	0.13	2.08	13.03					
		sulfide run = 65-70°.	45 3	2.9	4769	38.1	41.1	3.0	0.20	1.65	14.06					
		50.6-51.3: Graphitic phyllite interval (G).	35 3	2.5	4770	41.1	44.2	3.1	0.63	1.88	22.9					

LOGGED BY _____ D.D.H. Nº 76-U-155 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
		Broken core. Contact apparently sharp = 30° (?) 40 4	2.8	4771	44.2	47.2	3.0	0.20	1.33	15.09					
		(Based on fragmentary core). 40 5	3.0	4772	47.2	50.3	3.1	1.08	1.53	22.29					
		53.0: Sharp change to Graphitic Phyllite (G) = 35°. 50 6	2.3	4773	50.3	53.0	2.7	1.80	3.65	38.40			4.86	9.86	103.68
53.0	61.0	GRAPHITIC PHYLLITE (G). Broken, flakey core. Flakes	5.2		53.0	61.0	8.0								
		appear to break parallel to F (?) = 10-15°.													
		59.5: Small fault. Balck gouge with graphite flakes.		W.Av.	1.5	7.6	6.1	0.79	PbZn						
				W.Av.	7.6	12.2	4.5	3.68	PbZn						
				W.Av.	12.2	35.1	22.9	1.06	PbZn						
	61.0	END OF HOLE.		W.Av.	35.1	50.3	15.2	2.15	PbZn						
				W.Av.	50.3	53.0	3.0	1.73	3.44	36.79			5.18	103.2	110.37

DDH: FAGU155 -- 42 DEGREE PROFILE

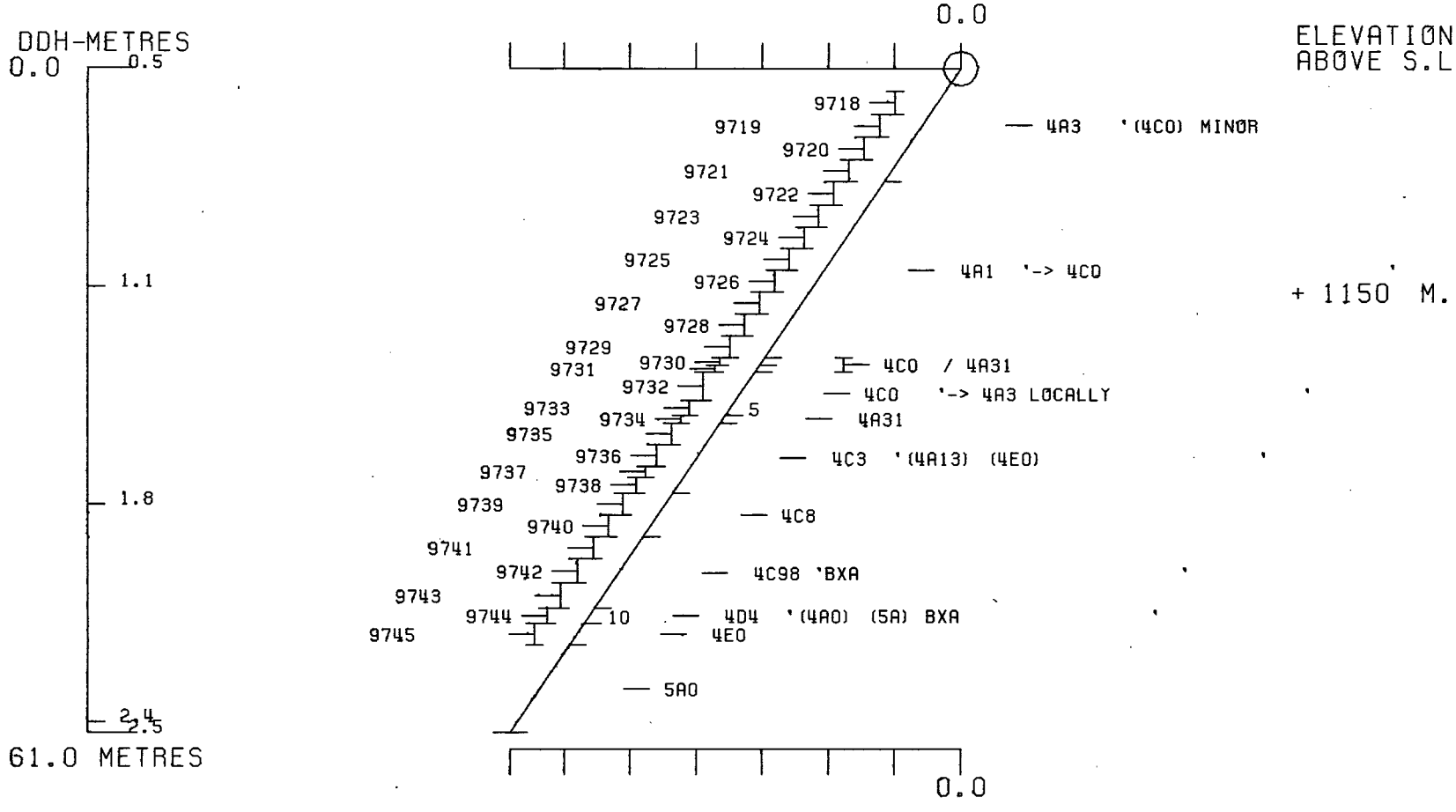
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1167 592443E ; 904789N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 441.3 Z = 1166.9

SECTION NAME: 66W



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 25 MAY 1984 8:28 AM

DDH: FAGU155 -- 42 DEGREE PROFILE

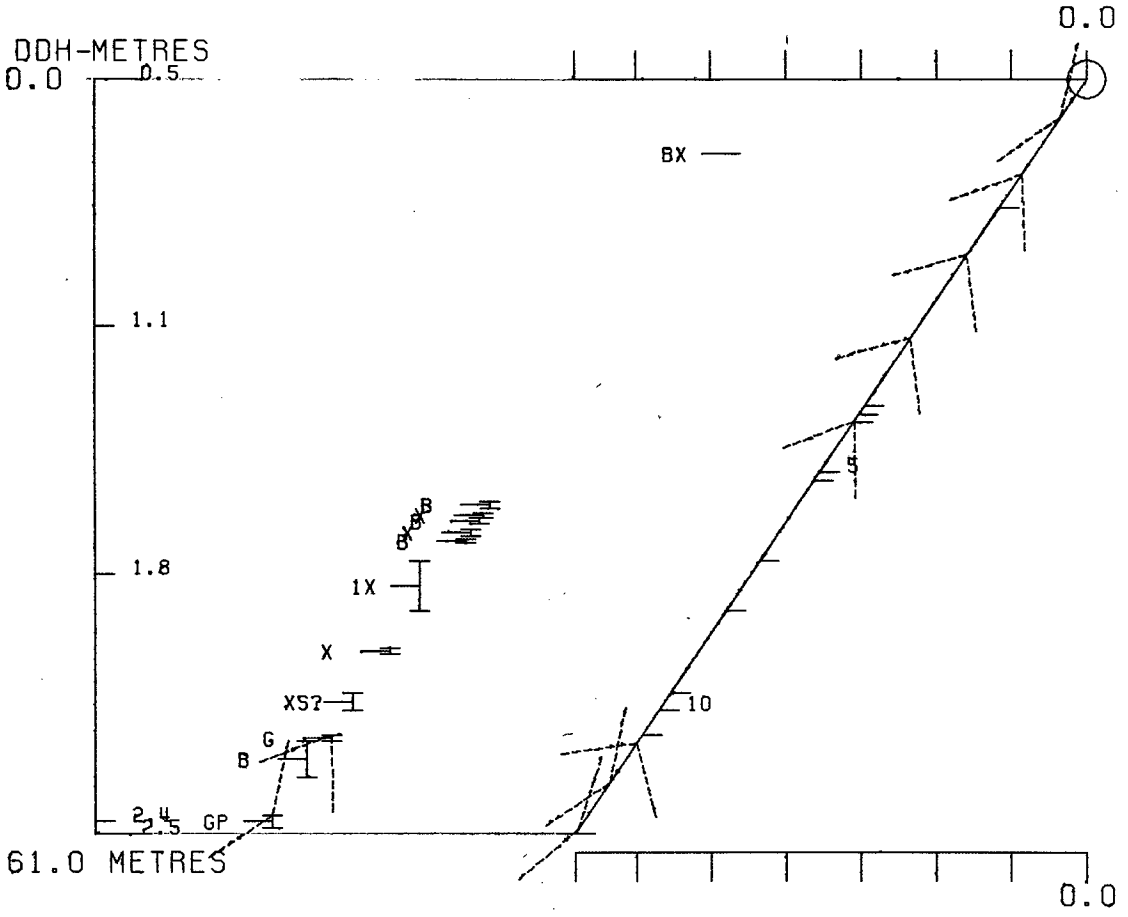
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1167 592443E ; 904789N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 441.3 Z = 1166.9

SECTION NAME: 66W



ELEVATION ABOVE S.L.

+ 1150 M.

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 25 MAY 1984 8:29 AM

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
FAGU157	9484	.0	2.0	2.0	30	4A0	3.07	.11	.54	1.91	16.0	.21	.98	10.80		2.45	11.78	.78
	9485	2.0	4.0	2.0	40	4A0	3.18	.12	.36	.76	13.0	.07	2.12	14.80		1.12	16.92	.68
	9486	4.0	6.0	2.0	95	4A0	3.40	.16	.69	1.58	21.0	.96	2.08	20.30		2.27	22.38	.70
	9487	6.0	7.3	1.3	100	4A0	3.38	.13	1.57	2.31	27.0	1.17	2.30	17.50		3.88	19.80	.60
	9488	7.3	9.1	1.8	100	4A0	3.84	.17	1.34	1.39	29.0	2.88	1.84	24.30		2.73	26.14	.51
	9489	9.1	10.6	1.5	100	4A0	3.39	.16	.53	1.44	18.0	1.10	2.59	17.70		1.97	20.29	.73
	9490	10.6	12.0	1.4	100	4A0		.15	.10	.24	6.0					.34		.71
	9491	12.0	13.7	1.7	76	4EA		.24	.11	1.58	15.0					1.69		.93
	9492	13.7	15.7	2.0	85	4A0		.24	.11	.78	12.0					.89		.88
	9493	15.7	17.7	2.0	100	4A0		.19	.09	.42	12.0					.51		.82
	9494	17.7	19.7	2.0	70	4A4	3.01	.15	5.50	1.13	186.0	.21	1.12	6.40		6.63	7.52	.17
	9495	19.7	21.7	2.0	80	4A0	3.08	.22	1.18	.22	40.0	.27	.81	10.40		1.40	11.21	.16
	9496	21.7	23.2	1.5	100	4A0		.11	.26	.17	80.0					.43		.40
	9497	23.2	24.7	1.5	100	4CA		.16	.22	.20	25.0					.42		.48
	9498	24.7	26.1	1.4	100	4CA		.32	.14	.31	18.0					.45		.69
	9499	26.1	28.1	2.0	100	4A0		.08	.04	1.52	7.0					1.56		.97
	9500	28.1	29.4	1.3	100	4A0		.12	.04	.33	14.0					.37		.89
	9701	29.4	30.9	1.5	100	4AC		.28	.15	.63	13.0					.78		.81
	9702	30.9	32.4	1.5	100	4C0		.16	.11	.45	7.0					.56		.80
	9703	32.4	33.9	1.5	100	4A9		.26	.03	1.34	5.0					1.37		.98
	9704	33.9	35.5	1.6	100	4A9		.19	.03	.27	4.0					.30		.90
	9705	35.5	37.3	1.8	100	4C0		.31	.03	.07	6.0					.10		.70
	9706	37.3	39.3	2.0	100	4A0		.15	.04	.32	4.0					.36		.89
	9707	39.3	40.3	1.0	100	4A0		.14	.05	.23	5.0					.28		.82
	9708	40.3	42.7	2.4	71	4A0		.09	.09	.37	5.0					.46		.80
	9709	42.7	44.7	2.0	85	4AE	3.74	.25	.65	1.98	22.0	.30	1.76	28.20		2.63	29.96	.75
	9710	44.7	46.2	1.5	100	4AE	4.23	.42	1.41	2.93	37.0	1.37	1.66	32.60		4.34	34.26	.68
	9711	121.2	121.8	.6	83	4DC	3.65	.23	2.70	3.15	93.0	.82	10.09	8.80		5.85	18.89	.54
	9712	121.8	123.2	1.4	100	4G4*	4.28	.09	6.00	9.98	120.0	1.10	1.88	5.10		15.98	6.98	.62
	9713	123.2	124.6	1.4	100	4G4*	4.25	.23	6.30	9.44	113.0	1.85	1.86	9.10		15.74	10.96	.60
	9714	124.6	126.3	1.7	100	4E178	4.15	.34	3.20	2.06	50.0	1.03	11.78	22.30		5.26	34.08	.39
	9715	126.3	127.0	.7	100	4E178	4.03	.29	3.50	3.90	57.0	1.71	4.94	25.20		7.40	30.14	.53
	9716	129.4	131.0	1.6	50	4A0		.15	.49	.77	15.0					1.26		.61

DDH	SAMPLE	ROCK UNIT	NORMATIVE MINERALS - WEIGHT % CPY	GA	SP	PO	PY	BAR	OTHER	*	NORMATIVE MINERALS - VOLUME % CPY	GA	SP	PO	PY	BAR	OTHER
FAGU157	9484	4A0	.32	.62	2.85	1.54	23.23		71.44	*	.24	.26	2.24	1.05	14.59		81.62
	9485	4A0	.35	.42	1.13	3.33	31.83		62.94	*	.27	.18	.93	2.38	20.94		75.29
	9486	4A0	.46	.80	2.36	3.27	43.66		49.46	*	.39	.38	2.09	2.52	30.93		63.70
	9487	4A0	.38	1.81	3.44	3.62	37.63		53.12	*	.31	.84	2.99	2.73	26.12		67.02
	9488	4A0	.49	1.55	2.07	2.89	52.26		40.74	*	.44	.77	1.94	2.35	39.09		55.41
	9489	4A0	.46	.61	2.15	4.07	38.06		54.64	*	.38	.28	1.84	3.04	26.16		68.29
	949C	4A0	.43	.12	.36				99.09	*							
	9491	4EA	.69	.13	2.36				96.82	*							
	9492	4A0	.69	.13	1.16				98.02	*							
	9493	4A0	.55	.10	.63				98.72	*							
	9494	4A4	.43	6.35	1.68	1.76	13.76		76.01	*	.32	2.63	1.31	1.19	8.56		85.98
	9495	4A0	.64	1.36	.33	1.27	22.37		74.03	*	.47	.57	.26	.86	13.94		83.90
	9496	4A0	.32	.30	.25				99.13	*							
	9497	4CA	.46	.25	.30				98.99	*							
	9498	4CA	.92	.16	.46				98.45	*							
	9499	4A0	.23	.05	2.27				97.46	*							
	9500	4A0	.35	.05	.49				99.12	*							
	9701	4A0	.81	.17	.94				98.08	*							
	9702	4C0	.46	.13	.67				98.74	*							
	9703	4A9	.75	.03	2.00				97.22	*							
	9704	4A9	.55	.03	.40				99.01	*							
	9705	4C0	.90	.03	.10				98.97	*							
	9706	4A0	.43	.05	.48				99.04	*							
	9707	4A0	.40	.06	.34				99.19	*							
	9708	4A0	.26	.10	.55				99.08	*							
	9709	4AE	.72	.75	2.95	2.77	60.64		32.16	*	.68	.39	2.90	2.37	47.68		45.98
	971C	4AE	1.21	1.63	4.37	2.61	70.11		20.07	*	1.23	.92	4.65	2.42	59.70		31.08
	9711	4D0	.66	3.12	4.70	15.87	18.92		56.73	*	.53	1.40	3.96	11.65	12.78		69.66
	9712	4G4*	.26	6.93	14.88	2.96	10.97		64.01	*	.20	3.00	12.07	2.09	7.12		75.53
	9713	4G4*	.66	7.28	14.07	2.93	19.57		55.49	*	.54	3.30	11.98	2.16	13.32		68.69
	9714	4E178	.98	3.70	3.07	18.53	47.96		25.77	*	.96	2.01	3.14	16.45	39.17		38.27
	9715	4E178	.84	4.04	5.81	7.77	54.19		27.34	*	.81	2.19	5.89	6.85	43.95		40.32
	9716	4A0	.43	.57	1.15				97.85	*							

DRILL HOLE : FAGU157
NORTHING : 904,789.1
EASTING : 592,443.8
ELEVATION : 1,166.8
TOTAL DEPTH : 132.6
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 CRE-SAMPLES:	33
NOS COWN-H-SURVEYS:	3
NOS DOWN-H-LITHOLOGY:	26
NOS DOWN-H-STRUCTURE:	29
NOS DOWN-H-FAULTS:	13
NOS DOWN-H-SPLINES:	3
NOS COMPOSITES:	0

DDH: FAGU157 UTM-N: 904,789.1 UTM-E: 592,443.8 UTM-ELEV: 1,166.8 TOTAL DEPTH: 132.6 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	S.G. PULP	CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
.0	2.0	09484	2.0	.6	4A0	3.07	.11	.54	1.91	16.00		.21		10	11						
2.0	4.0	09485	2.0	.8	4A0	3.18	.12	.36	.76	13.00		.07	2	14	16						
4.0	6.0	09486	2.0	1.9	4A0	3.40	.16	.69	1.58	21.00		.96	2	20	22						
6.0	7.3	09487	1.3	1.3	4A0	3.38	.13	1.57	2.31	27.00		1.17	2	17	19						
7.3	9.1	09488	1.8	1.8	4A0	3.84	.17	1.34	1.39	29.00	30.00	2.88	1	24	26						
9.1	10.6	09489	1.5	1.5	4A0	3.39	.16	.53	1.44	18.00		1.10	2	17	20						
10.6	12.0	09490	1.4	1.4	4A0		.15	.10	.24	6.00											
12.0	13.7	09491	1.7	1.3	4EA		.24	.11	1.58	15.00											
13.7	15.7	09492	2.0	1.7	4A0		.24	.11	.78	12.00											
15.7	17.7	09493	2.0	2.0	4A0		.19	.09	.42	12.00											
17.7	19.7	09494	2.0	1.4	4A4	3.01	.15	5.50	1.13	186.00		.21	1	6	7						
19.7	21.7	09495	2.0	1.6	4A0	3.08	.22	1.18	.22	40.00		.27		10	11						
21.7	23.2	09496	1.5	1.5	4A0		.11	.26	.17	80.00											
23.2	24.7	09497	1.5	1.5	4CA		.16	.22	.20	25.00											
24.7	26.1	09498	1.4	1.4	4CA		.32	.14	.31	18.00											
26.1	28.1	09499	2.0	2.0	4A0		.08	.04	1.52	7.00											
28.1	29.4	09500	1.3	1.3	4A0		.12	.04	.33	14.00											
29.4	30.9	09701	1.5	1.5	4A0		.28	.15	.63	13.00											
30.9	32.4	09702	1.5	1.5	4C0		.16	.11	.45	7.00											
32.4	33.9	09703	1.5	1.5	4A9		.26	.03	1.34	5.00											
33.9	35.5	09704	1.6	1.6	4A9		.19	.03	.27	4.00											
35.5	37.3	09705	1.8	1.8	4C0		.31	.03	.07	6.00											
37.3	39.3	09706	2.0	2.0	4A0		.15	.04	.32	4.00											
39.3	40.3	09707	1.0	1.0	4A0		.14	.05	.23	5.00											
40.3	42.7	09708	2.4	1.7	4A0		.09	.09	.37	5.00											
42.7	44.7	09709	2.0	1.7	4AE	3.74	.25	.65	1.98	22.00		.30	1	28	29						
44.7	46.2	09710	1.5	1.5	4AE	4.23	.42	1.41	2.93	37.00		1.37	1	32	34						
121.2	121.8	09711	.6	.5	4D0	3.65	.23	2.70	3.15	93.00		.82	10	8	18						
121.8	123.2	09712	1.4	1.4	4G4*	4.28	.09	6.00	9.98	120.00		1.10	1	5	6						
123.2	124.6	09713	1.4	1.4	4G4*	4.25	.23	6.30	9.44	113.00		1.85	1	9	10						
124.6	126.3	09714	1.7	1.7	4E178	4.15	.34	3.20	2.06	50.00		1.03	11	22	34						
126.3	127.0	09715	.7	.7	4E178	4.03	.29	3.50	3.90	57.00		1.71	4	25	30						
129.4	131.0	09716	1.6	.8	4A0		.15	.49	.77	15.00											
WEIGHTED AVERAGE																					
.0	46.2		46.2	40.8		1.33	.18	.60	.93	24.72	1.16	.31		7	7						
121.2	127.0		5.8	5.7		4.13	.23	4.60	6.08	87.39		1.30	5	13	19						
129.4	131.0		1.6	.8			.15	.49	.77	15.00											

DDH: FAGU157 UTM-N: 904,789.1 UTM-E: 592,443.8 UTM-ELEV: 1,166.8 TOTAL DEPTH: 132.6 SECTION: W 66
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
56.400	174.000	108.000
117.400	169.500	80.000

DDH: FAGU157 UTM-N: 904,789.1 UTM-E: 592,443.8 UTM-ELEV: 1,166.8 TOTAL DEPTH: 132.6 SECTION: W 66
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
12.0	0001	4A0	(4C0) 90:10	0.5-	1
13.7	0002	4EA	BXA	0.5-	1
23.2	0003	4A0	BXA	0.5-	1
26.1	0004	4C0	(4A0)	0.5-	1
30.9	0005	4A0	(4A13)	0.5-	1
32.4	0006	4C0	&9 &7	0.5-	1
35.5	0007	4A9	(4C0) 85:15	0.5-	1
37.3	0008	4C0	&9	0.5-	1
42.7	0009	4A0		0.5-	1
46.2	0010	4A14	(4E0) MINOR	0.5-	1
74.7	0011	5B26	(5D0) MINOR	0.5-	1
79.2	0012	5B6?		0.5-	1
80.8	0013	5B16		0.5-	1
83.8	0014	4L0		0.5-	1
85.3	0015	4LC?		0.5-	1
88.0	0016	5A6	(4L0) [5D4*] 75:25	0.5-	1
94.5	0017	5A6		0.5-	1
105.7	0018	4L0?		0.5-	1
116.4	0019	4L12	78 [4C SERICITIC]	0.5-	1
117.1	0020	5C4*		0.5-	1
121.2	0021	4L12	4 MINOR -> 4C SERICITIC	0.5-	1
124.6	0022	4G4*	(4D4)	0.5-	1
127.0	0023	4E17	8	0.5-	1
129.4	0024	4L0		0.5-	1
131.0	0025	4A0		0.5-	1
132.6	0026	4L0		0.5-	1

DDH: FAGU157 UTM-N: 904,789.1 UTM-E: 592,443.8 UTM-ELEV: 1,166.8 TOTAL DEPTH: 132.6 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	DHCC	SDC	PROCESS
FAGU157	0.0	2.5	PS2		0	0	0	0	30	230	0	1	1	1
FAGU157	0.0	7.6	PS2		0	0	0	0	60	230	0	1	1	1
FAGU157	0.0	11.0	PS2		0	0	0	0	61	230	0	1	1	1
FAGU157	0.1	13.7	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGU157	0.0	17.5	CS2		0	0	0	0	70	230	0	1	1	1
FAGU157	0.0	22.2	CS2		0	0	0	0	65	230	0	1	1	1
FAGU157	0.0	27.4	CS2		0	0	0	0	52	230	0	1	1	1
FAGU157	0.0	32.7	CS2		0	0	0	0	57	230	0	1	1	1
FAGU157	0.0	38.6	CS2		0	0	0	0	71	230	0	1	1	1
FAGU157	13.7	41.1	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGU157	41.1	46.2	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGU157	0.0	46.6	CS2		0	0	0	0	70	230	0	1	1	1
FAGU157	0.0	51.6	CS2		0	0	0	0	64	230	0	1	1	1
FAGU157	0.0	56.4	CS2		0	0	0	0	59	230	0	1	1	1
FAGU157	0.0	61.1	CS2		0	0	0	0	65	230	0	1	1	1
FAGU157	0.0	65.4	CS2		0	0	0	0	61	230	0	1	1	1
FAGU157	0.0	70.1	CS2		0	0	0	0	60	230	0	1	1	1
FAGU157	0.0	74.4	CS2		0	0	0	0	55	230	0	1	1	1
FAGU157	0.0	79.4	CS2		0	0	0	0	56	230	0	1	1	1
FAGU157	46.2	80.8	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGU157	0.0	83.4	PS2		0	0	0	0	60	230	0	1	1	1
FAGU157	0.0	88.1	PS2		0	0	0	0	65	230	0	1	1	1
FAGU157	0.0	92.9	PS2		0	0	0	0	62	230	0	1	1	1
FAGU157	0.0	106.6	PS2		0	0	0	0	60	230	0	1	1	1
FAGU157	0.0	114.4	PS2		0	0	0	0	60	230	0	1	1	1
FAGU157	0.0	120.4	PS2		0	0	0	0	48	230	0	1	1	1
FAGU157	0.0	127.3	PS2		0	0	0	0	59	230	0	1	1	1
FAGU157	0.0	132.4	PS2		0	0	0	0	55	230	0	1	1	1
FAGU157	80.8	132.6	PS2	P	0	0	0	0	0	0	0	1	1	1

DDH: FAGU157 UTM-N: 904,789.1 UTM-E: 592,443.8 UTM-ELEV: 1,166.8 TOTAL DEPTH: 132.6 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
FAGU157	12.0	13.7	D			0	0	0	0	0	0	1
FAGU157	13.7	23.2	1X?			0	0	0	0	0	0	1
FAGU157	46.2	74.7	1G			0	0	0	0	0	0	1
FAGU157	0.0	74.8	G			0	0	15	0	0	0	1
FAGU157	0.0	76.1	G			0	0	99	999	0	0	1
FAGU157	0.0	77.7	G			0	0	75	180	0	0	1
FAGU157	74.7	79.2	GP			0	0	0	0	99	999	1
FAGU157	83.8	85.3	GP	3		0	0	0	0	0	0	1
FAGU157	94.5	105.7	PB	0		0	0	0	0	0	0	1
FAGU157	0.0	121.2	S			0	0	0	0	0	0	1
FAGU157	121.2	121.8	D?			0	0	0	0	0	0	1
FAGU157	0.0	129.4	S			0	0	0	0	0	0	1
FAGU157	131.0	132.6	1G			0	0	0	0	0	0	1

DDH: FAGU157 UTM-N: 904,789.1 UTM-E: 592,443.8 UTM-ELEV: 1,166.8 TOTAL DEPTH: 132.6 SECTION: 4 66
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGU157	1	2
FAGU157	2	2
FAGU157	3	1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 76-U157

Project: Grum Relog

Location: Vangorda Plateau

Claim:

UTM
~~Terr.~~ Plane Co-ords.: 6904789.~~5267~~ 063 N

Conversion of K-A surveyed grid co-ords

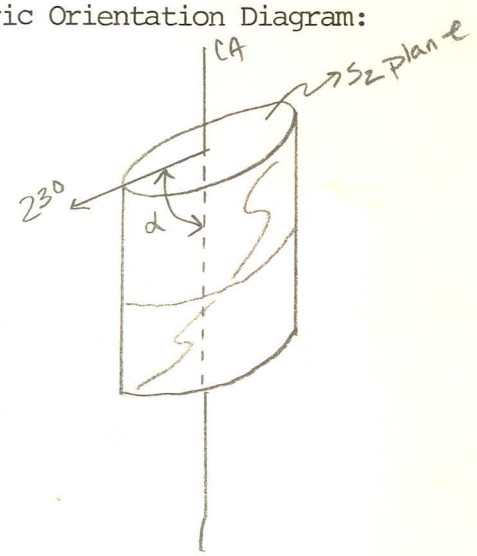
592444.~~322~~ 3.8259 E

Grid Co-ords.: 66W/2N

Elevation: 1166.7900

Total Depth: 132.6m (435ft)

Fabric Orientation Diagram:



All symmetry determinations looking

NW with S_2 dipping

SW with dip azimuth 230.

Purpose:

Logged by: JSM Date(s) Logged: August 25+26 1980

Drilling Contractor:

Core:	Size	From	To
	BQ	0	132.6

Collar Cased and Capped:

Started: August 25, 1976 Completed: August 27, 1976

Cyprus Anvil Mining Corp.
Diamond Drill Core Log

DDH 76-U-157

Code	Drillhole	Elevation	Northing	Easting	Comments
1	2 8	10 16	17 24	25 32	34 48
T	76-U-157	1166.8	9047891.1	592443.8	METRICS

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2 8	10 14	22 26	28 32	34 56
R	76-U-157	0.0	180.0	0.0	AT COLLAR
R	76-U-157	561.4	174.0	108.0	SPERRY SUN
R	76-U-157	1171.4	169.5	80.0	
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 76-415 (2 of 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Logged By: JSM / BT check.

Code	From	To	Unit	Code	Description
	10 14	16 20	22 23	25 27	graphitic
L	100	1120	1	4A0	(4CO) (7.3 - 9.1 4CO interbanded with 4A0 30:70)
L	1120	1137	2	4EA	bxia !! mostly 4EO, minor graphite fractures 10°-15° to c.a
L	1137	2132	3	4A0	minor bxia / note clasts w/ S_2 disoriented : bxiation post (M)
L	2132	2161	4	4C0	(4A0) similar to unit 1 (7.3m - 9.1m) minor cp in fractures 4CO close to 4BO
L	2161	3109	5	4A0	(4A13) 2nd half of unit 4A13 graphitic (only 72 py)
L	3255	3173	6	4C0	minor cp in fractures
L	3173	4127	7	4A0	
L	4127	4162	8	4A1	4 (4EO) 3 bands <1m each near bottom of unit. minor cp-
L	4162	7447	9	5B2	6 carbon content decrease downward
					2" SD @ top ctc. Minor gouge (<5%)
L	7447	7922	10	5B6	? gouge @ 74.8 gouge @ 15° to c.a. along 300 DLA. @ 79.1 " ≈ 11 S_2
L	7922	8088	11	5B6	? minor gouge @ 76.3 " indeterminate upper contact, lower contact @ 77.7 @ 075 to c.a. along 050° DLA assuming S_2 to SW along 230 DLA @ 79.2 gouge ≈ 11 S_2 N.B.: true core 77.7 - 79.2
L	8088	8388	12	4L0	
L	8388	8553	13	4L0	? 0.5/1.5 m recvd - all gouge @ 83.8 gouge horiz to c.a. (prob. drilling artifact) from then indeterminate to 85.3m
L	8553	8780	14	5A6	w/ 25% 4LO (5B4 + 5D4)
L	8780	9145	15	5A6	
L	9145	10057	16	4L0	? poor recovery 0.3/11.2 m all indeterminate, no gouge or core preserved !!
L	10057	11164	17	4L2	78' Quite siliceous 20% as bands ⊥ Sn almost 4CO appearance except for 4L bands .5cm.
L	11164	11171	18	5B4	* mot ? mottled. buff-orange $FeCO_3$, v. minor development of mariposite. Some of the mottles are brown but don't look like biotite
L	11171	12122	19	4L1	minor py, red sph. approaching 4C sericitic Zn<1% lower cnt shear
L	12122	12146	20	4G4	*(4DA) 121.2 - 121.8 404 as finely comminuted bx. 1.5% Pb+Zn 50% BaSO4
L	12146	12270	21	4E1	78 mgnte as diss & lamin/a thruout. po sporadically, ↓ ↑ weak reaction to 10% HCl
L	12270	12294	22	4L0	minor late py shearing near lower cnt. (qtz & ao clots sim. units) strong where scratched.
L	12294	13100	23	4A0	
L	13100	13266	24	4L0	v. minor gouge 0.5m in middle & 0.1m at end re 132.5 ⊥ ca. ↑ 15° ca
		EOH			

127.0
124.6
2.4

DDH 76-4157 (2) Addendum (8)

Cyprus Anvil Mining Corp.

Lithologic Log

Page 4 of 6

Date: Aug 18/81 Logged By: RST

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	309	324			4C01	15-20% py. minor cp in fractures / minor po in frac. @ end of units.
L	324	355			4A91	(4C0) 5% py/cm 4C0 interbanded minor cp in fractures.

C.A.M.C. 1981 – E-3

DDH 76-U157 (2 / 8)

Cyprus Anvil Mining Corp.
Structural Log

Logged By: JSM

Code	From	To	Feature	Sym	S_1 Dip Direct.	S_2 Dip Direct.	Description
	10 14	16 20	22 24	26	28 32	34 38	
S		125	PSZ			310 230	R region 0 - 13.7
S		176	PSZ			610 230	this could be an S region as below. It's
S		1110	PSZ			611 230	all split HA W/ no determinations possible
		11					above 13.7.
S		137	FZ	R			S region 13.7 - 41.1
S		175	CSZ			710 230	
S		222	CSZ			655 230	
S		274	CSZ			512 230	
S		327	CSZ			517 230	
S		386	CSZ			71 230	
S		411	FZ	S			R region 41.1-46.2
S		462	FZ	R			Z region 46.2 - 80.8
S		466	CSZ			710 230	
S		516	CSZ			614 230	
S		564	CSZ			59 230	
S		611	CSZ			615 230	
S		654	CSZ			611 230	
S		701	CSZ			610 230	
S		744	CSZ			515 230	
S		794	CSZ			516 230	
S		808	FZ	Z			P region 80.8 - 121.2
S		834	PSZ			610 230	one questionable "S" determination
S		881	PSZ			615 230	& two Z determ. Possibly Z region
S		929	PSZ			612 230	continues to ~105m
S		1066	PSZ			610 230	
S		1144	PSZ			610 230	
S		1204	PSZ			48 230	
S		1212	FZ	P			R region 121.2 - 127.0
S		1270	FZ	R			P region 127.0 - 132.6
S		1273	PSZ			519 230	
S		1324	PSZ			515 230	
S		1326	FZ	P			EOH

DDH 76-415 7 Cyprus Anvil Mining Corp

Page 6 of 6

Logged by RST

ASSAY LOG (SAMPLER'S COPY) Date Aug 18/81 Sampled by

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	000	020	94884	20	06	4A0		
P	020	040	94885	20	08	4A0		1
P	040	060	94886	20	19	4A0		
P	060	073	94887	13	13	4A0		
P	073	091	94888	18	18	4A0	(4CO)	
P	091	106	94889	15	15	4A0		
P	106	120	94890	14	14	4A0		
P	120	137	94891	17	13	4EA	Bx	2
P	137	157	94892	20	17	4A0	bx	
P	157	177	94893	20	20	4A0		
P	177	197	94894	20	14	4A0		3
P	197	217	94895	20	16	4A0		
P	217	232	94896	15	15	4A0		
P	232	247	94897	15	15	4C0	(4AO)	4
P	247	261	94898	14	14	4C0	(4AO)	
P	261	281	94899	20	20	4A0	(4AB)	
P	281	294	95000	13	13	4A0	(4AB)	5
P	294	309	97001	15	15	4A0	(4AB)	
P	309	324	97002	15	15	4C0		6
P	324	339	97003	15	15	4A9	(4CO)	
P	339	355	97004	16	16	4A9	(4CO)	6 5
P	355	373	97005	18	18	4C0		6
P	373	393	97006	20	20	4A0		
P	393	403	97007	20	11	4A0		7
P	403	427	97008	24	17	4A0		
P	427	447	97009	20	17	4A14	(4EO)	8
P	447	462	97010	15	15	4A14	(4EO)	
P	1211	1218	97011	06	05	4D4		20
P	1218	1232	97012	14	14	4G4*		20
P	1232	1246	97013	14	14	4G4*		
P	1246	1263	97014	17	17	4E17	8	21
P	1263	1270	97015	17	09	4E17	8	
P	1294	1310	97016	16	08	4A0		23

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

DDH 76-415-7 (2 / 8)

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

Logged By: JSM

Sampled By: KA

Code	From	To	Sample No.					Description
1	10 14	16 20	22 27					
P	00	46	47714	KA	4.6	0.8 ✓		4AO
P	46	61	47715	KA	1.5	1.3		4AO
P	61	76	47716	KA	1.5	1.4		4AO
P	76	91	47717	KA	1.5	1.3		4AO
P	91	107	47718	KA	1.6	1.2		4AO
P	107	122	47719	KA	1.5	1.2 ✓		4AO, 4EA
P	122	137	47810	KA	1.5	0.5 ✓		4EA
P	137	152	47811	KA	1.5	0.8 ✓		4AO
P	152	168	47812	KA	1.6	0.9 ✓		4AO
P	168	183	47813	KA	1.5	1.1		4AO
P	183	229	47814	KA	4.6	2.1 ✓		4AO
P	229	244	47815	KA	1.5	1.2		4AO, 4CO
P	244	274	47816	KA	3.0	2.8		4CO, 4AO
P	274	305	47817	KA	3.1	2.7		4AO
P	305	335	47818	KA	3.0	3.0		4AO
P	335	366	47819	KA	3.1	2.9		4AO, 4CO
P	366	396	47910	KA	3.0	2.8		4CO, 4AO
P	396	427	47911	KA	3.1	1.1 ✓		4AO, 4EA
P	427	442	47912	KA	1.5	0.9		4EA
P	442	460	47913	KA	1.8	1.2		4EA
P	1213	1234	47914	KA	2.1	2.1		4G4
P	1234	1250	47915	KA	1.6	1.6		4G4, 4E178
P	1250	1270	47916	KA	2.0	2.0 ✓		4E178
P	1294	1311	47917	KA	1.7	0.8 ✓		4AO

DDH FAGU157 (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
	10 14	16 20	22 24	26	28 32	34 38	40 44	
F	120	137	D					
F	137	232	1X,?					
F	462	747	1G					
F	747	792	GP				99 9997	
F		748	G			150 0,0,0		
F		761	G			99 9,9,9		
F		777	G			75 180		
F	838	853	GP	B				
F	944	1057	PB	D				
F		1211	S					
F	1211	1218	D,?					
F		1294	S					
F	1310	1326	1G					

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

DIAMOND DRILL RECORD

LOGGED BY ALEXANDER YOUNG-PO D.D.H. Nº 76-U-157 PAGE 1

PROPERTY GRUM JOINT VENTURE

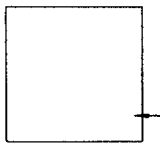
LATITUDE 10,579 2N + 6.8NE STARTED AUGUST 25, 1976

DEPARTURE 7,745.5 66W COMPLETED AUGUST 27, 1976

ELEVATION 1,177.4 PROPOSED DEPTH 405'

ULTIMATE DEPTH 435' - 132.6

HOLE SURVEY:		
DEPTH	BEARING	DIP
COLLAR		-90°
385'	N 47° E	-79°
185'	N 73° E	-84°



CLAIM Nº

DIRECTION AND DISTANCE FROM N.E. CLAIM POST

TOTAL CORE RECOVERY: 71.3%

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	42.5	MINERALIZED GRAPHITIC PHYLLITE (PG). Broken blocky	20 6	0.8	4774	0	4.6	4.6	0.53	1.80	10.97			2.44	8.28	50.46
	/	core. F_2 = 70-75°; F_1 = 10°. Sulfides in both	25 4	1.3	4775	4.6	6.1	1.5	0.83	1.70	16.11			1.25	2.55	24.17
		foliation.	30 5	1.4	4776	6.1	7.6	1.5	2.25	2.75	30.17			3.38	4.13	45.26
		13.6-16.8: Sulfide Bx. Sub-angular fragments 1mm-	35 5	1.3	4777	7.6	9.1	1.5	1.30	1.08	22.29			1.95	1.62	33.44
		2cm cemented by graphite.	25 3	1.2	4778	9.1	10.7	1.6	0.45	1.18	8.91			2.61	PbZn	
		18.3: Foliation changing to 80-85°, F_2 ; F_1 = 0-5°.	25 2	1.2	4779	10.7	12.2	1.5	0.08	0.40	4.11			0.72	PbZn	
		30.5-33: Quartz - sulfide (P) interval. Very sili-	45 5	0.5	4780	12.2	13.7	1.5	0.13	1.95	7.20			3.12	PbZn	
		ceous grdmass. Contacts gradual.	20 2	0.8	4781	13.7	15.2	1.5	0.15	1.00	7.20			1.73	PbZn	
		34-34.5: Bleached phyllite (Sb). F_2 = 80°. No F_1	20 2	0.9	4782	15.2	16.8	1.6	0.13	0.63	10.97			1.22	PbZn	
		noted. Contacts gradual.	20 4	1.1	4783	16.8	18.3	1.5	0.65	1.10	22.29			2.63	PbZn	
		42.5: Abrupt change to Massive sulfide (M). Contact	15 2	2.1	4784	18.3	22.9	4.6	0.10	0.18	6.17			1.29	PbZn	
		broken ground.	10 3	1.2	4785	22.9	24.4	1.5	0.13	0.13	6.17			0.39	PbZn	
42.5	46.0	MASSIVE SULFIDE, BANDED (MB). Broken core.	30 2	2.8	4786	24.4	27.4	3.0	0.10	1.35	5.14			4.35	PbZn	
		Compositional banding = 80-85°.	20 2	2.7	4787	27.4	30.5	3.1	0.02	0.18	3.09			0.62	PbZn	
		NOTE: Run characterized by pebble size fragments	15 2	3.0	4788	30.5	33.5	3.0	0.05	0.63	4.11			2.04	PbZn	
		with some blocks 3 cm long. No gouge noted.	15 2	2.9	4789	33.5	36.6	3.1	0.02	0.33	5.14			1.09	PbZn	
		46.0: Abrupt change to Chloritic bleached phyllite(Sb)	20 3	2.8	4790	36.6	39.6	3.0	0.02	0.20	3.09			0.60	PbZn	

LOGGED BY _____ D.D.H. Nº 76-U-157 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
		contact = 65°. 20 3	1.1	4791	39.6	42.7	3.1	0.05	0.23	2.06			0.87	PbZn	
46.0	46.3	CHLORITIC BLEACHED PHYLLITE (Sbc). Broken blocky 75 4	0.9	4792	42.7	44.2	1.5	1.15	2.80	20.23			1.73	4.20	30.35
		core. F_2 = 75-80°; F_1 = 0-5°. 75 5	1.2	4793	44.2	46.0	1.8	2.50	3.15	40.46			4.50	5.67	72.83
		46.3: Sharp contact with Graphitic Phyllite (G) = 85°.	0.3		46.0	46.3	0.3								
46.3	54.9	GRAPHITIC PHYLLITE (G). Very fissile, easily breaks into	8.2		46.3	54.9	8.6								
		poker chips. F_2 = plane of fissility = 80-90°;													
		F_1 = 0-5°.		W.Av.	0	9.1	9.1	0.99	1.82	16.85			9.02	16.58	153.33
		Sulfides = 1% as leaf Py and Po blebs.		W.Av.	9.1	42.7	33.6	0.69	PbZn				23.28	PZ.	
		54.9: Gradual change to Graphitic sericite phyllite (SG).		W.Av.	42.7	46.0	3.3	1.89	2.99	31.27			6.23	9.87	103.18
54.9	85.3	GRAPHITIC SERICITE PHYLLITE (SG). Fissile, but not as much	28.1		54.9	85.3	30.4								
		as preceeding run. Core breaks into short blocks. F_2 =													
		80-85°; F_1 = 0-5°.													
		61-61.8: FAULT. Dark gray gouge with graphite and sericite													
		flakes.													
		76.2-79.1: FAULT. Gray gouge with sericite flakes.													
		82.3-83.8: Bleached phyllite interval (Sb). Buff.													
		F_2 = 75°, no clear F_1 / F_2 relationship. Contacts broken core													
		83.9-85.3: FAULT. Gray gouge with phyllite fragments.													
		85.3: Abrupt change to Graphitic Phyllite (G). Contact													
		broken core.													

LOGGED BY _____ D.D.H. Nº 76-U-157 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
85.3	93.0	GRAPHITIC PHYLLITE (G). Fissile, easily breaks into poker	6.3		85.3	93.0	7.7								
		chips. F_2 = 85-90°; F_1 = 0°.													
		85.5-86.8: Bleached phyllite interval, light gray with buff													
		sericite laminae. Trace calcite in groundmass.													
		F_2 = 50°; F_1 = 0-10°. Contacts sharp and clean													
		equal to 45°.													
		87.8-88: Bleached phyllite interval. Similar to preceeding													
		run. Could be the same band. Contacts sharp and													
		clean = 85°.													
		93.0: Gradual change to Sericite Phyllite (S).													
93.0	94.5	SERICITE PHYLLITE (S). Broken core - from fragmented flakes	0.5		93.0	94.5	1.5								
		to 2.5cm long cores. Foliation = 80°; F_1 = 0°.													
		94.5: Abrupt change to Bleached sericite phyllite (Sb).													
		Contact broken ground.													
94.5	121.3	BLEACHED SERICITE PHYLLITE (Sb). Competent. F_2 = 80-85°;	10.1		94.5	121.3	26.8								
		F_1 not clearly developed. Prominent Po and Mgtt laminae @													
		108.4-115.8 = 3%.													
		94.5-105.2: Very poor recovery: 0.3/10.7. No sign of weak													
		ground - more likely drilling error.													

LOGGED BY _____ D.D.H. Nº 76-U-157 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
		121.3: Sharp clean change to Massive sulfide with barite													
		and quartz groundmass (MQ + Mb) = 75°.													
121.3	127.0	MASSIVE SULFIDE W/BARITE AND QUARTZ GROUNDMASS(MQ+Mb). 20 8	2.1	4794	121.3	123.4	2.1	6.00	9.39	108.0			12.6	19.72	226.80
		Competent. Faint compositional banding = 45-50°. 30 8	1.6	4795	123.4	125.0	1.6	6.30	7.78	100.8			5.67	7.00	90.72
		40 5	2.0	4796	125.0	127.0	2.0	2.28	2.45	35.31					
		121.9-124: Barite in groundmass = 40% ba. 1 Tr.	2.1		127.0	129.4	2.4	0.33	0.38	6.17			0	0	0
		125-127: Mgtt in blebs and wispy laminae. Mgtt=10%. 8 3	0.8	4797	129.4	131.1	1.7								
		127.0: Sharp and clean contact with Bleached phyllite = 60°.		W.Av.	121.3	125.0	3.7	6.13	8.69	104.9			22.68	32.17	388.08
				W.Av.	121.3	124.3	3.0	6.09	8.91	105.8			18.27	26.72	317.52
127.0	129.4	BLEACHED PHYLLITE (Sb). Broken, blocky core. Foliation F_2													
		= 70-75°; F_1 = 0-5°. Sulfide showing mostly Py (1%) with													
		trace of PbZn.													
		129.4: Abrupt change to Mineralized graphitic phyllite (PG).													
		Contact broken ground.													
129.4	131.1	MINERALIZED GRAPHITIC PHYLLITE (PG). Competent. Foliation													
		= 65°. No clear F_1 / F_2 relationship noted.													
		131.1: Sharp change to bleached phyllite (Sb). Contact													
		marked by bull quartz (3cm long) = 80°.													

LOGGED BY _____ D.D.H. NO 76-U-157 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
131.1	132.6	BLEACHED PHYLLITE (Sb). Soft core. Buff with greenish hue.	1.3		131.1	132.6	1.5								
		Foliation = 50-55°. With thin sulfide laminae.													
		PY: 1% PbZn: Trace.													
	132.6	END OF HOLE.													

DDH: FAGU157 -- 42 DEGREE PROFILE

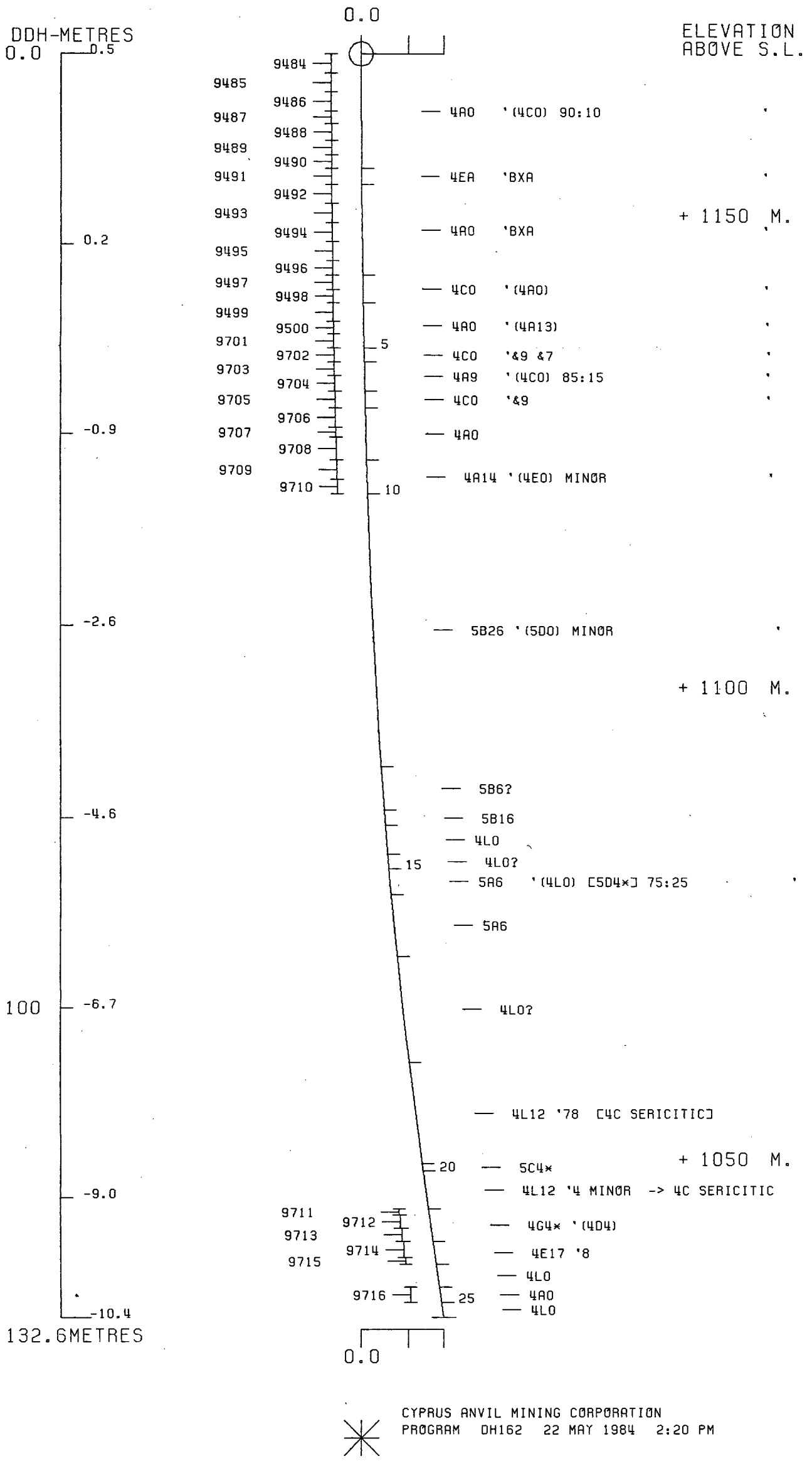
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1167 592444E ; 904789N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 442.0 Z = 1166.9

SECTION NAME: 66W



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 22 MAY 1984 2:20 PM

DDH: FAGU157 -- 42 DEGREE PROFILE

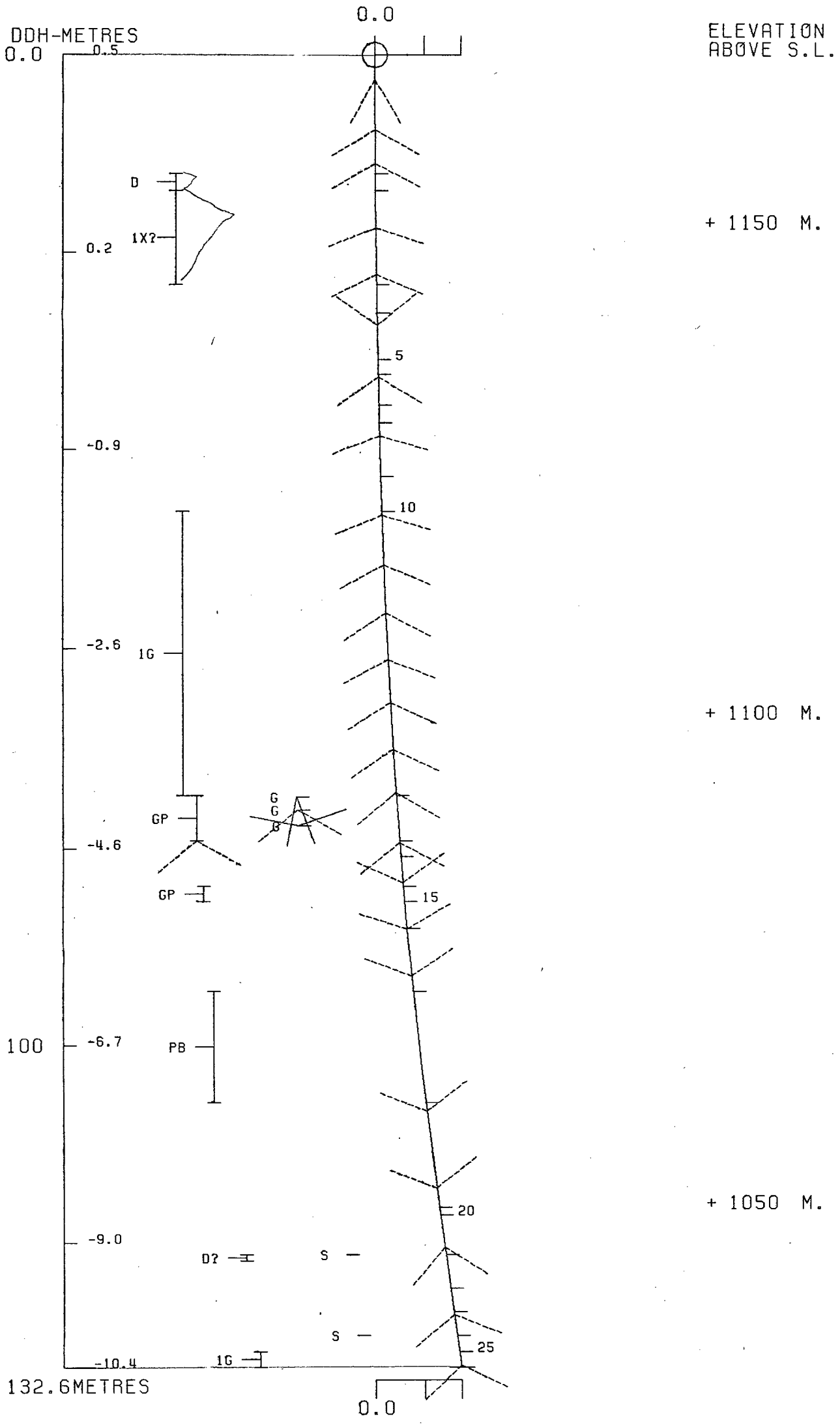
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1167 592444E ; 904789N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 442.0 Z = 1166.9

SECTION NAME: 66W



CYPRUS ANVIL MINING CORPORATION

PROGRAM DH161 22 MAY 1984 2:21 PM

FAGU159

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
FAGU159	9524	19.7	21.7	2.0	100	4A0		.09	.24	.52	15.0					.76		.68
	9525	21.7	23.7	2.0	45	4A0		.17	.08	1.05	20.0					1.13		.93
	9526	23.7	25.7	2.0	85	4A0		.12	1.00	.22	41.0					1.22		.18
	9527	25.7	27.7	2.0	80	4A0	3.10	.10	.34	.59	16.0	.69	.20	14.20		.93	14.40	.63
	9528	27.7	29.0	1.3	38	4A4	3.59	.09	4.30	7.80	73.0	1.85	.88	14.10		12.10	14.98	.64
	9529	29.0	30.5	1.5	73	4D4	3.53	.20	7.10	11.60	127.0	2.06	.94	15.00		18.70	15.94	.62
	9530	30.5	30.9	.4	100	4E4	4.43	.19	8.00	16.10	139.0	1.85	3.59	24.70		24.10	28.29	.67
	9531	30.9	32.0	1.1	64	4A0	3.14	.12	1.39	2.90	31.0	.89	2.79	12.60		4.29	15.39	.68
	9532	52.3	54.3	2.0	100	4EA4	3.65	.09	5.10	7.30	77.0	1.71	5.13	17.70		12.40	22.83	.59
	9533	54.3	56.3	2.0	95	4EA	3.68	.20	.92	3.20	26.0	1.58	2.27	26.60		4.12	28.87	.78
	9534	56.3	57.9	1.6	94	4EA4	3.69	.19	2.80	2.80	59.0	1.78	1.20	26.40		5.60	27.60	.50
	9535	57.9	60.0	2.1	100	4A13	3.36	.08	1.27	3.20	23.0	1.10	2.07	18.20		4.47	20.27	.72
	9536	60.0	61.5	1.5	100	4EA4	3.85	.13	4.00	6.50	69.0	1.71	1.74	16.10		10.50	17.84	.62
	9537	61.5	63.0	1.5	100	4A10	3.59	.08	1.35	3.50	23.0	1.51	1.62	24.50		4.85	26.12	.72
	9538	63.0	64.0	1.0	50	4D0	3.58	.16	2.00	5.50	29.0	2.33	2.29	15.50		7.50	17.79	.73
	9539	64.0	65.3	1.3	100	4A13	3.30	.11	.40	.79	10.0	1.37	.56	21.30		1.19	21.86	.66
	9540	65.3	67.3	2.0	65	4EA	3.81	.18	.58	1.09	15.0	1.65	1.02	30.70		1.67	31.72	.65
	9541	67.3	69.3	2.0	100	4EA4	3.51	.15	2.05	3.20	43.0	1.92	.80	23.30		5.25	24.10	.61
	9542	69.3	71.1	1.8	83	4EA	3.62	.09	.70	2.90	18.0	1.37	1.68	28.70		3.60	30.38	.81
	9543	71.1	73.2	2.1	100	4A14	2.87	.02	1.91	5.20	24.0	.62	1.29	3.82		7.11	5.11	.73
	9544	73.2	74.7	1.5	53	4L14	2.84	.04	2.60	5.70	35.0	.75	.90	1.92		8.30	2.82	.69
	9545	74.7	76.2	1.5	87	4L14	2.96	.06	3.30	8.30	52.0	.75	1.11	3.34		11.60	4.45	.72

DDH	SAMPLE	ROCK UNIT	NORMATIVE MINERALS - WEIGHT % CPY	GA	SP	PO	PY	BAR	OTHER	*	NORMATIVE MINERALS - VOLUME % CPY	GA	SP	PO	PY	BAR	OTHER
FAGU159	9524	4A0	.26	.28	.78				98.69	*							
	9525	4A0	.49	.09	1.57				97.85	*							
	9526	4A0	.35	1.15	.33				98.17	*							
	9527	4A0	.29	.39	.88	.31	30.54		67.59	*	.22	.17	.71	.22	19.64		79.04
	9528	4A4	.26	4.97	11.63	1.38	30.32		51.44	*	.22	2.31	10.13	1.05	21.13		65.17
	9529	4D4	.58	8.20	17.29	1.48	32.26		40.19	*	.51	4.06	16.05	1.19	23.95		54.25
	9530	4E4	.55	9.24	24.00	5.65	53.12		7.45	*	.60	5.62	27.37	5.60	48.46		12.35
	9531	4A0	.35	1.61	4.32	4.39	27.10		62.24	*	.27	.70	3.56	3.14	17.84		74.49
	9532	4EA4	.26	5.89	10.88	8.07	38.06		36.84	*	.24	2.98	10.33	6.66	28.91		50.87
	9533	4EA	.58	1.06	4.77	3.57	57.20		32.82	*	.54	.55	4.65	3.03	44.65		46.57
	9534	4EA4	.55	3.23	4.17	1.89	56.77		33.38	*	.51	1.69	4.09	1.61	44.51		47.59
	9535	4A13	.23	1.47	4.77	3.26	39.14		51.14	*	.19	.68	4.17	2.48	27.39		65.08
	9536	4EA4	.38	4.62	9.69	2.74	34.62		47.95	*	.32	2.19	8.63	2.12	24.66		62.09
	9537	4A10	.23	1.56	5.22	2.55	52.69		37.76	*	.21	.79	4.94	2.10	39.93		52.03
	9538	4D0	.46	2.31	8.20	3.60	33.33		52.09	*	.38	1.07	7.10	2.71	23.10		65.64
	9539	4A13	.32	.46	1.18	.88	45.81		51.36	*	.27	.22	1.03	.67	32.19		65.62
	9540	4EA	.52	.67	1.62	1.60	66.02		29.56	*	.50	.36	1.63	1.40	52.98		43.13
	9541	4EA4	.43	2.37	4.77	1.26	50.11		41.06	*	.38	1.18	4.44	1.02	37.34		55.64
	9542	4EA	.26	.81	4.32	2.64	61.72		30.25	*	.25	.43	4.29	2.28	49.05		43.70
	9543	4A14	.06	2.21	7.75	2.03	8.21		79.74	*	.04	.88	5.82	1.32	4.93		87.01
	9544	4L14	.12	3.00	8.50	1.42	4.13		82.84	*	.08	1.18	6.28	.91	2.44		89.10
	9545	4L14	.17	3.81	12.37	1.75	7.18		74.71	*	.13	1.56	9.48	1.16	4.40		83.27

DRILL HOLE : FAGU159
NORTHING : 904,789.1
EASTING : 592,445.3
ELEVATION : 1,170.9
TOTAL DEPTH : 76.2
SECTION : W 66
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:	31
NOS DOWN-H-STRUCTURE:	15
NOS DOWN-H-FAULTS:	12
NOS DOWN-H-SPLINES:	1
NOS COMPOSITES:	0

DDH: FAGU159 UTM-N: 904,789.1 UTM-E: 592,445.3 UTM-ELEV: 1,170.9 TOTAL DEPTH: 76.2 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.
19.7	21.7	09524	2.0	2.0	4A0		.09	.24	.52	15.00											
21.7	23.7	09525	2.0	.9	4A0		.17	.08	1.05	20.00											
23.7	25.7	09526	2.0	1.7	4A0		.12	1.00	.22	41.00											
25.7	27.7	09527	2.0	1.6	4A0	3.10	.10	.34	.59	16.00		.69		14	14						
27.7	29.0	09528	1.3	.5	4A4	3.59	.09	4.30	7.80	73.00	72.00	1.85		14	14						
29.0	30.5	09529	1.5	1.1	4D4	3.53	.20	7.10	11.60	127.00		2.06		15	15						
30.5	30.9	09530	.4	.4	4E4	4.43	.19	8.00	16.10	139.00		1.85	3	24	28						
30.9	32.0	09531	1.1	.7	4A0	3.14	.12	1.39	2.90	31.00		.89	2	12	15						
52.3	54.3	09532	2.0	2.0	4EA4	3.65	.09	5.10	7.30	77.00		1.71	5	17	22						
54.3	56.3	09533	2.0	1.9	4EA	3.68	.20	.92	3.20	26.00		1.58	2	26	28						
56.3	57.9	09534	1.6	1.5	4EA4	3.69	.19	2.80	2.80	59.00		1.78	1	26	27						
57.9	60.0	09535	2.1	2.1	4A13	3.36	.08	1.27	3.20	23.00		1.10	2	18	20						
60.0	61.5	09536	1.5	1.5	4EA4	3.85	.13	4.00	6.50	69.00		1.71	1	16	17						
61.5	63.0	09537	1.5	1.5	4A10	3.59	.08	1.35	3.50	23.00		1.51	1	24	26						
63.0	64.0	09538	1.0	.5	4D0	3.58	.16	2.00	5.50	29.00	33.00	2.33	2	15	17						
64.0	65.3	09539	1.3	1.3	4A13	3.30	.11	.40	.79	10.00		1.37		21	21						
65.3	67.3	09540	2.0	1.3	4EA	3.81	.18	.58	1.09	15.00		1.65	1	30	31						
67.3	69.3	09541	2.0	2.0	4EA4	3.51	.15	2.05	3.20	43.00		1.92		23	24						
69.3	71.1	09542	1.8	1.5	4EA	3.62	.09	.70	2.90	18.00		1.37	1	28	30						
71.1	73.2	09543	2.1	2.1	4A14	2.87	.02	1.91	5.20	24.00		.62	1	3	5						
73.2	74.7	09544	1.5	.8	4L14	2.84	.04	2.60	5.70	35.00		.75		1	2						
74.7	76.2	09545	1.5	1.3	4L14	2.96	.06	3.30	8.30	52.00		.75	1	3	4						
WEIGHTED AVERAGE																					
19.7	32.0		12.3	8.9		1.73	.12	1.97	3.40	45.45	7.60	.69		7	8						
52.3	76.2		23.9	21.3		3.45	.11	2.05	4.16	35.89	1.38	1.41	1	18	20						

DDH: FAGU159 UTM-N: 904,789.1 UTM-E: 592,445.3 UTM-ELEV: 1,170.9 TOTAL DEPTH: 76.2 SECTION: W 66
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	23.100	32.400

DDH: FAGU159 UTM-N: 904,789.1 UTM-E: 592,445.3 UTM-ELEV: 1,170.9 TOTAL DEPTH: 76.2 SECTION: W 66
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
8.3	0001	5B6		0.5-	1
8.7	0002	10Q0		0.5-	1
9.0	0003	4L1		0.5-	1
9.1	0004	10Q0		0.5-	1
9.3	0005	4A3		0.5-	1
10.0	0006	5D4#		0.5-	1
16.8	0007	5B6	(5D4*) (4L)	0.5-	1
19.7	0008	5D4*	(4L) (4A1)	0.5-	1
29.0	0009	4A0	BXA	0.5-	1
30.5	0010	4D4	& BXA	0.5-	1
30.9	0011	4E0	POROUS	0.5-	1
32.0	0012	4A0		0.5-	1
34.3	0013	4L0	& BXA (1CQ0)	0.5-	1
35.1	0014	4L0		0.5-	1
39.6	0015	5B6		0.5-	1
41.1	0016	5D4#	(4LO)	0.5-	1
42.7	0017	5B6		0.5-	1
44.4	0018	4L0		0.5-	1
45.7	0019	5B6		0.5-	1
48.6	0020	10Q0		0.5-	1
50.1	0021	5B1	&9	0.5-	1
52.3	0022	10Q09		0.5-	1
57.9	0023	4E4	(4A13) 50:50	0.5-	1
60.0	0024	4A13	(4A4)	0.5-	1
61.5	0025	4E4	(4A13) 70:30	0.5-	1
63.0	0026	4A14		0.5-	1
64.0	0027	4D0	BXA	0.5-	1
65.3	0028	4A13	BXA	0.5-	1
71.1	0029	4E0	&4 (4A13) BXA	0.5-	1
73.2	0030	4A14	PHYLLITIC	0.5-	1
76.2	0031	4L12	4 (AFTER 4A)	0.5-	1

DDH: FAGU159 UTM-N: 904,789.1 UTM-E: 592,445.3 UTM-ELEV: 1,170.9 TOTAL DEPTH: 76.2 SECTION: W 66
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT SYMTRY	S0 ANGLE	S0 DIRECT	S1 ANGLE	S1 DIRECT	S2 ANGLE	S2 DIRECT	RFE CDE	DHDC	SDC	PROCESS
FAGU159	0.0	4.2	CS2	0	0	0	0	62	230	0	1	1	1
FAGU159	0.0	10.6	CS2	0	0	0	0	73	230	0	1	1	1
FAGU159	0.0	16.5	CS2	0	0	0	0	63	230	0	1	1	1
FAGU159	0.0	20.9	CS2	0	0	0	0	67	230	0	1	1	1
FAGU159	0.0	22.6	CS2	0	0	0	0	70	230	0	1	1	1
FAGU159	0.0	33.4	CS2	0	0	0	0	56	230	0	1	1	1
FAGU159	0.0	33.6	CS2	0	0	0	0	8	230	0	1	1	1
FAGU159	0.0	35.6	CS2	0	0	0	0	42	230	0	1	1	1
FAGU159	0.0	41.1	CS2	0	0	0	0	39	230	0	1	1	1
FAGU159	0.0	42.6	CS2	0	0	0	0	20	230	0	1	1	1
FAGU159	0.0	53.0	CS2	0	0	0	0	50	230	0	1	1	1
FAGU159	0.0	60.9	CS2	0	0	0	0	69	230	0	1	1	1
FAGU159	0.0	71.7	CS2	0	0	0	0	39	230	0	1	1	1
FAGU159	0.0	75.4	CS2	0	0	0	0	53	230	0	1	1	1
FAGU159	0.0	76.0	CS2	0	0	0	0	60	230	0	1	1	1

DDH: FAGU159 UTM-N: 904,789.1 UTM-E: 592,445.3 UTM-ELEV: 1,170.9 TOTAL DEPTH: 76.2 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
FAGU159	4.4	4.6	S		0	0	0	0	0	0	1
FAGU159	13.8	15.3	S		0	0	0	0	0	0	1
FAGU159	20.9	22.4	X		0	0	0	0	0	0	1
FAGU159	22.9	30.0	BR		0	0	0	0	0	0	1
FAGU159	30.2	30.5	X?		0	0	0	0	0	0	1
FAGU159	33.7	33.9	X		0	0	0	0	0	0	1
FAGU159	34.3	35.1	G		0	0	0	0	0	0	1
FAGU159	42.7	43.9	S		0	0	0	0	0	0	1
FAGU159	43.9	44.4	G		0	0	99	999	0	0	1
FAGU159	63.0	64.0	D		0	0	0	0	0	0	1
FAGU159	64.0	65.3	X		0	0	0	0	0	0	1
FAGU159	65.3	71.1	D?		0	0	0	0	0	0	1

DDH: FAGU159 UTM-N: 904,789.1 UTM-E: 592,445.3 UTM-ELEV: 1,170.9 TOTAL DEPTH: 76.2 SECTION: W 66
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGU159	1	1

**THIS REPORT WAS REQUESTED BY: LEEP .GEOLOGY AT: 10:55:00

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 76-U159

Project: GRUM RELOG

Location: VANGORDA PLATEAU

Claim: _____

UTM
Terr. Plane Co-ords.: 6,904,789.~~74~~ 101 N

Conversions of K-A surveyed grid co-ords

592,444.~~81~~ 5.3297 E

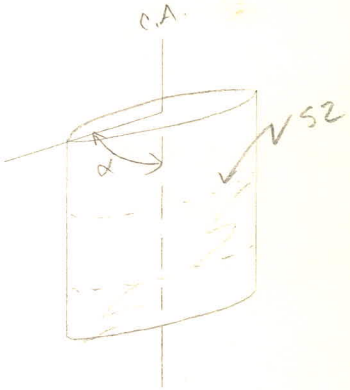
Grid Co-ords.: 66W | 2N

_____

Elevation: 1170.~~97~~ 866

Total Depth: 76.2 m.

Fabric Orientation Diagram:



All symmetry determinations looking

NW with S2 dipping

SW with dip azimuth 230.

Purpose: _____

Logged by: RE PN Date(s) Logged: AUG. 23/80

Drilling Contractor: _____

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

Started: AUG. 27/76 Completed: AUG. 28/76

Cyprus Anvil Mining Corp.

Diamond Drill Core Log

DDH 76-U159

Code	Drillhole	Elevation	Northing	Easting	Comments
1	2 8	10 16	17 24	25 32	34 48
T	76-U159	1170.9	9047891.1	592445.3	METRES

32.4 for True North

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2 8	10 14	22 26	28 32	34 56
R	76-U159	00	23.1	30.8	AT COLLAR
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-W-159

Cyprus Anvil Mining Corp.
Lithologic Log

Logged By: PN

Code	From	To	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
L	0 0	8 3	1	5B16	sheared 4.4-4.6m;
L	8 3	9 3	2	0Q10	OQO 8.3-8.7 9.0-9.1m; 4L1 w/ py stringers 8.7-9.0m; 4A3 9.1-9.3m;
L	9 3	10 0	3	5D14	calcareous; bleached buff w/ manposite;
L	10 0	16 8	4	5B16	4L1 10.7-11.1m; talcy 4L0 12.3-12.4m; sheared 13.8-15.3m; tan-coloured 5DO 16.3-16.5m; OQO 12.2-12.3, 12.4-12.5m;
L	16 8	19 7	5	5D14	4L0 16.8-17.2m; 4A1 w/ <4% PbZn 17.2-17.3m; siliceous; w/ manposite 18.3-18.7m; chloritic 18.7-19.7m; calcareous; iron ox. staining; 180-18.14A4
L	19 7	29 0	6	4A10	brecciated 20.9-22.4m w/ subangular qtz-py clasts in graphitic matrix; broken cne 22.9-29.0m; & ground
L	29 0	30 5	7	4D14	10% PbZn; poor recovery w/ broken cne 29.0-30.0m; brecciated 30.2-30.5;
L	30 5	30 9	8	4E14	porous;
L	30 9	32 0	9	4A10	<5% PbZn (?)
L	32 0	34 3	10	4L10	OQO w/ py stringers + sericite inclusions 32.0-32.2m; brecciated 33.7-33.9m; OQO 33.9-34.0m; minor chl. bands
L	34 3	35 1	11	4L10	gouge
L	35 1	39 6	12	5B16	
L	39 6	41 1	13	5D14	bleached buff calcareous; 4L0 40.0-40.2m; minor py;
L	41 1	42 7	14	5B16	
L	42 7	44 4	15	4L10	sheared 42.7-43.9m, gouge 43.9-44.4m; //Sz
L	44 4	45 7	16	5B16	broken cne; poor recovery; siliceous;
L	45 7	48 6	17	0Q10	//Sz? attitude gen. L. //Sz?
L	48 6	50 1	18	5B11	minor py stringers;
L	50 1	52 3	19	0Q10	w/ qtz & lesser sph;
See Addendum	~~52 3~~	~~71 2~~	~~20~~	~~4D14~~	~~8% PbZn avg, thin interbands of graphite (4A3) throughout;~~
	~~71 2~~	~~76 2~~	~~21~~	~~4L11~~	~~very siliceous 4L with dk. green phyllite gradually changing to mafic towards EOH; 5% PbZn;~~
		EOH			

DDH 76-U-159 (2–8) ADDENDUM

Cyprus Anvil Mining Corp.

Lithologic Log

Page 4 of 5

Date: Aug 17/81 Logged By: RST

Code	From	To	Recov.	No.	Unit	Description
1	10–14	16–20	22–24	26–28	30–34	35
L	523	579		20	4E1A1	50:50 Drill hole here is essentially following contact between 4A13 & 4E4 56.7–57.9 80:20 (4E4:4A13) See sample.
L	579	600		21	4A1I3	Minor laminae of 4A4.
L	600	615		22	4E14	(4A13) 70:30 (4E4:4A13) Possibly folded nose. minor cpy in fractures.
L	615	630		23	4A1I4	Similar to unit 21 but 75% Pb+Zn minor cpy in fractures.
L	630	640	0.5	24	4D19	bxtd. Rec 0.5m slickensides sub// to c.a
L	640	653		25	4A1I3	fractured bxtd healed by sulphides 30% to c.a.
L	653	711		26	4E101	(4A13) 80:20 some <0.1m lengths of 4E4 prob 8% Pb+Zn. Some 4A13 appear to be fragments supported by sulphides poss bx? 67.1 (0.1m of ground core)
L	711	732		27	4A1I4	phyllite minor gn. >5% Zn dark as red sph. 2-3% py Minor fractures // c.a.
L	732	762		28	4I1I4	white sericite. Darker red sph. 75% Zn minor gn & ph Tension fractured // c.a. Identical to unit 27 except phyllite altered to white mica – Amazing!? – well, that depends on your threshold of amazement
						EOH @ 76.2m.

C.A.M.C. 1981 – E-3

DDH 76-V-159 (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		142	CSR			62 230	very few symmetry determinations available since core previously split i. only S2 - C.A. angles measured;
S		196	CSR			73 231	
S		165	CSR			63 230	
S		209	CSR			67 230	
S		226	CSR			70 231	
S		334	CSR			56 230	
S		336	CSR			08 231	
S		356	CSR			42 230	
S		411	CSR			39 230	
S		426	CSR			20 230	
S		530	CSR			50 231	
S		609	CSR			69 230	
S		717	CSR			39 230	
S		754	CSR			53 231	
S		760	CSR			60 231	
		EOH					

DDH 76-U-159

Cyprus Anvil Mining Corp.

Geochemical Log (Sampler's Copy)

Page 5 of 5

Logged By: PN

Sampled By: KA

Code	From	To	Sample No.	Description		
				LENGTH	Au	UNIT
P	119 7	121 3	48496	KA	1.6	1.3
P	121 3	122 9	48497	KA	1.6	1.0
P	122 9	125 9	48498	KA	3.0	0.9 ✓
P	125 9	129 0	48499	KA	3.1	0.8 ✓
P	129 0	130 5	48500	KA	1.5	0.8
P	130 5	132 0	48501	KA	1.5	0.7 ✓
P	151 8	153 3	48502	KA	1.5	1.0
P	153 3	154 9	48503	KA	1.6	0.9 ✓
P	154 9	156 4	48504	KA	1.5	1.2
P	156 4	157 9	48505	KA	1.5	1.5
P	157 9	159 4	48506	KA	1.5	1.3
P	159 4	161 0	48507	KA	1.6	1.4
P	161 0	162 5	48508	KA	1.5	1.4
P	162 5	164 0	48509	KA	1.5	0.8 ✓
P	164 0	165 5	48510	KA	1.5	1.4
P	165 5	167 1	48511	KA	1.6	0.7 ✓
P	167 1	168 6	48512	KA	1.5	1.4
P	168 6	170 1	48513	KA	1.5	1.1
P	170 1	171 6	48514	KA	1.5	0.9
P	171 6	173 2	48515	KA	1.6	1.0
P	173 2	174 7	48516	KA	1.5	0.9
P	174 7	176 2	48517	KA	1.5	0.8 ✓

DDH 76-41-59 (2 8) Cyprus Anvil Mining Corp

Page 6 of 6

Logged by RST

ASSAY LOG (SAMPLER'S COPY) Date Aug 17/81 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	197	217	9524	20	20	4A01		
P	217	237	9525	26	09	4A01		6
P	237	257	9526	20	17	4A01		
P	257	277	9527	20	16	4A01		
P	277	290	9528	13	05	4A01		
P	290	305	9529	15	11	4D14		7
P	305	309	9530	04	04	4E14	Porous	8
P	309	320	9531	11	07	4A01		9
P	523	543	9532	20	20	4EA1	High nugget effect cf. K.A results	20
P	543	563	9533	20	19	4EA1	"	
P	563	579	9534	16	15	4EA1	"	
P	579	600	9535	21	21	4A13		21
P	600	615	9536	15	15	4E14	(4A13) "	22
P	615	630	9537	15	15	4A14		23
P	630	640	9538	10	05	4D01		24
P	640	653	9539	13	13	4A13		25
P	653	673	9540	20	13	4E01	(4A13) "	
P	673	693	9541	20	20	4E01	(4A13) "	26
P	693	711	9542	18	15	4E01	(4A13) "	
P	711	732	9543	21	21	4A14		27
P	732	747	9544	15	08	4L14		
P	747	762	9545	15	13	4L14		28

DDH FAGU 159 (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	44	46	S					
F	138	153	S					
F	209	224	X					
F	229	300	BR					
F	302	365	X?					
F	337	339	X					
F	343	351	G					
F	427	439	S					
F	439	444	G		99	99		
F	630	640	D					
F	640	653	X					
F	653	711	D?					

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

DIAMOND DRILL RECORD

LOGGED BY ALEXANDER YOUNG-PO

D.D.H. Nº 76-U-159 PAGE 1

PROPERTY GRUM JOINT VENTURE

LATITUDE 2N STARTED AUGUST 27, 1976

DEPARTURE 66W COMPLETED AUGUST 28, 1976

ELEVATION 1,181.58 (approx.) PROPOSED DEPTH 200' - 61.0m

ULTIMATE DEPTH 250' - 76.2m

HOLE SURVEY:		
DEPTH	BEARING	DIP
COLLAR	32° 20'	66° 53'

CLAIM Nº

NOTE: Hole stopped - sign of hitting overburden

N

DIRECTION AND DISTANCE FROM N.E. CLAIM POST

TOTAL CORE RECOVERY: 68%

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	SERICITE PHYLLITE (S). Broken flakey core. Foliation =	5.0		0	8.0	8.0								
		plane of fissility = 70-75°.													
		4.5: Shear.													
		8.0: Abrupt change to Bleached Phyllite (Sb). Contact broken													
		core marked by bull quartz.													
8.0	10.6	BLEACHED PHYLLITE (Sb). Soft core. Buff with prominent	2.1		8.0	10.6	2.6								
		fuchsite laminae/spots. Foliation = 85-90°.													
		10.7: Gradual change to Sericite Phyllite (S).													
10.6	16.9	SERICITE PHYLLITE (S). Broken, flakey. Foliation = 80-85°.	4.8		10.6	16.9	6.3								
		13.7-15: Shear zone. Plane marked by Dark Sericite flakes =													
		85°.													
		16.8: Abrupt change to Bleached Phyllite (Sb).													
16.9	19.7	CHLORITIC BLEACHED PHYLLITE (Sbc). Broken, blocky. Buff	2.5		16.9	19.7	2.8								
		with green stripes/spots. Foliation = 75-80° (F ?);													

LOGGED BY _____ D.D.H. NO. 76-U-159 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
		F (?) = 0-5° (based on fold nose closures).													
		19.7: Sharp clean contact with mineralized graphitic													
		phyllite (PG) = 90°.													
19.7	32.0	MINERALIZED GRAPHITIC PHYLLITE (PG). Broken, pebbly core.													
		Foliation = 80-85°; F = 0-5°. Sulfides in both 20 4	1.3	4846	19.7	21.3	1.6	0.20	0.20	8.91			0.40	PbZn	
		foliation (shown by bigger blocky core). 20 3	1.0	4847	21.3	22.9	1.6	0.18	1.05	15.09			1.23	PbZn	
		20 3	0.9	4848	22.9	25.9	3.0	0.05	0.25	9.94			0.30	PbZn	
		30-31: Massive sulfide interval. Porous variety 20 8	0.8	4849	25.9	29.0	3.1	1.45	2.08	25.37					
		Voids aligned = 80-85°. Contacts= 85°. 60 15	0.8	4850	29.0	30.5	1.5	6.76	9.76	82.63			10.14	14.64	123.95
		60 15	0.7	4851	30.5	32.0	1.5	5.81	11.17	93.94			8.72	16.76	140.91
		32.0: Abrupt change to Bleached Phyllite. Contact broken													
		ground.													
32.0	35.1	BLEACHED PHYLLITE (Sb). Soft broken ground. Buff to silvery	2.5		32.0	35.1	3.1								
		gray. Foliation = 0° at 33.5. Series of small F fold													
		noses.		W.Av.	19.7	25.9	6.2	0.57	PbZn						
		34.8-35.1: FAULT. Soft light gray core composed of		W.Av.	29.0	32.0	3.0	6.29	10.47	88.29			18.86	31.40	264.86
		bleached sericite flakes and gouge.		W.Av.	28.3	32.0	3.7	5.37	8.88	76.4			19.88	33.86	282.62
		35.1: Abrupt change to Sericite Phyllite (S).													

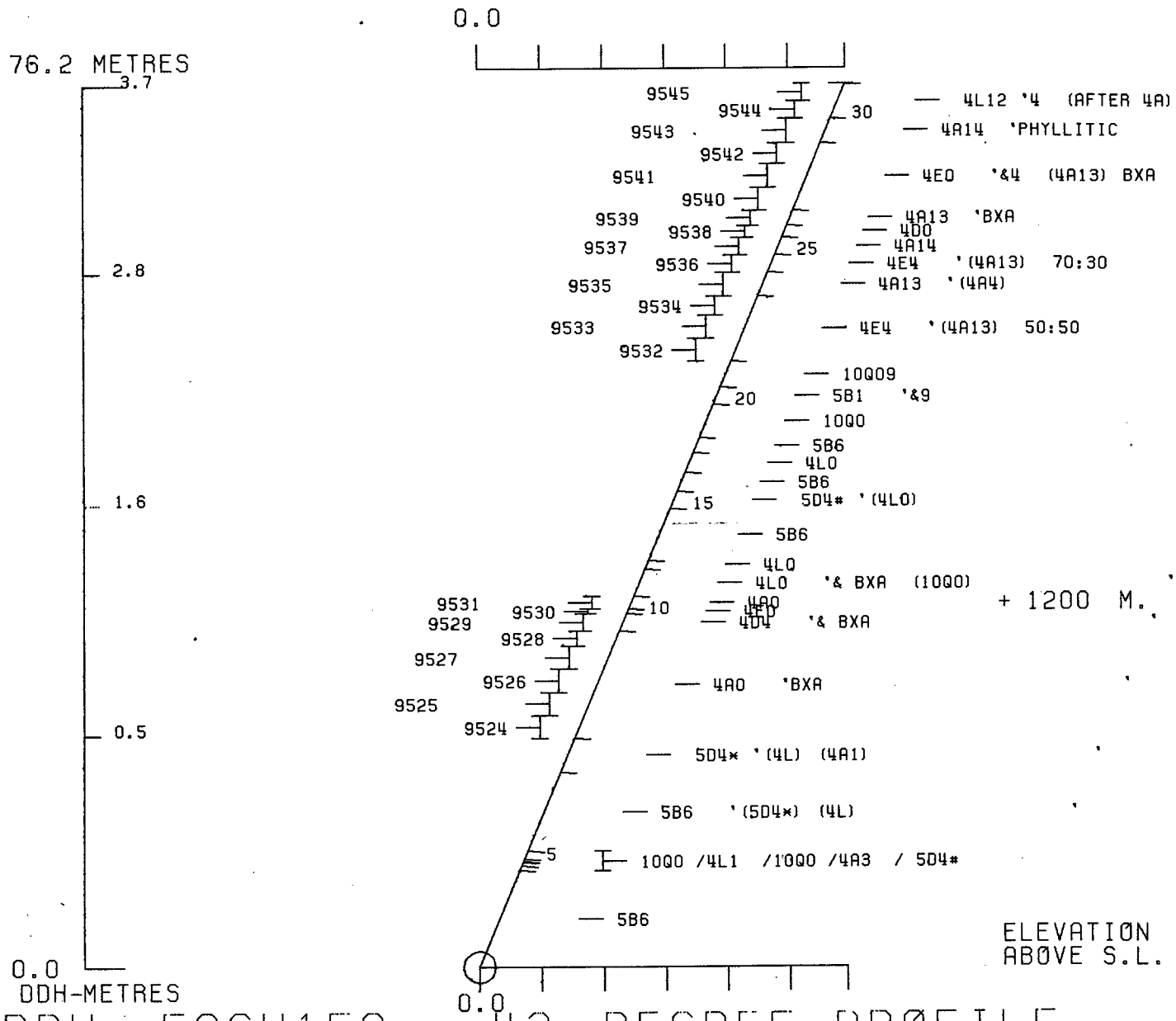
LOGGED BY _____ D.D.H. NO 76-U-159 PAGE 3

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
35.1	39.6	SERICITE PHYLLITE (S). Broken, flakey core. Foliation =	2.6		35.1	39.6	4.5								
		fissility = 40°.													
		39.6: Abrupt change to Bleached Phyllite (Sb). Contact													
		broken ground.													
39.6	41.1	BLEACHED PHYLLITE (Sb). Soft, broken ground. Buff to light	1.0		39.6	41.1	1.5								
		gray. Foliation = 40-45°.													
		41.1: Abrupt change to sericite phyllite (S). Contact													
		broken ground.													
41.1	51.8	SERICITE PHYLLITE (S). Soft, flakey core. Foliation = 0-5°	8.1		41.1	51.8	10.7								
		42.7-43.4: Broken, flakey fragments - shear.													
		44-44.5: FAULT. Gray thick sticky gouge.													
		45.7-47.2: Pebble size bull quartz fragments - extreme low													
		core recovery. 0.10/1.5													
		47.2-51.8: Broken, blocky to pebble size core fragments of													
		full quartz and sericite phyllite. Some frag-													
		ments show foliation = 0°.													
		51.8: Change to Mineralized Graphitic Phyllite. Contact													
		marked by bull quartz, pebble size.													

LOGGED BY _____ D.D.H. Nº 76-U-159 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
51.8	71.5	MINERALIZED GRAPHITIC PHYLLITE (PG). Broken, blocky core.													
		Foliation = 80-85°. Compositional banding in wider 15 10	1.0	4852	51.8	53.3	1.5	4.20	5.96	50.40			6.30	8.94	75.6
		sulfide intervals = 70-75°. 15 10	0.9	4853	53.3	54.9	1.6	5.00	7.00	66.51			8.00	11.20	106.42
		Barite prisms in cavity walls. Graphite in laminae. 20 8	1.2	4854	54.9	56.4	1.5	1.05	2.68	22.29			1.58	4.02	33.44
		67.1-67.2: Sand of sericite phyllite and sulfides. 20 6	1.5	4855	56.4	57.9	1.5	2.75	2.85	49.37			4.13	4.28	74.06
		71.5: Gradual change to Quartz-Sulfide (P). Contact 30 6	1.3	4856	57.9	59.4	1.5	1.28	2.95	22.29			1.92	4.43	33.44
		arbitrary with decrease in graphitic consti- 30 8	1.4	4857	59.4	61.0	1.6	3.88	5.20	58.63			6.21	8.32	93.81
		tuents. 40 8	1.4	4858	61.0	62.5	1.5	1.63	3.68	26.40			2.45	5.52	39.6
71.5	76.2	QUARTZ-SULFIDE (P). Broken, blocky ground. 40 9	0.8	4859	62.5	64.0	1.5	1.55	4.55	25.37			2.33	6.83	38.06
		Foliation = 60-65°; F$_1$ = 30-40°. 30 4	1.4	4860	64.0	65.5	1.5	0.50	1.13	10.97			0.75	1.7	16.46
		Sulfides in both foliation. 40 6	0.7	4861	65.5	67.1	1.6	1.50	2.63	26.40			2.40	4.21	42.24
		NOTE: Hole stopped . About to hit overburden. 50 8	1.4	4862	67.1	68.6	1.5	2.53	3.60	48.34			3.8	5.4	72.51
		Rx showing sign of weathering. 50 7	1.1	4863	68.6	70.1	1.5	1.05	2.10	21.26			1.58	3.15	31.89
		40 8	0.9	4864	70.1	71.6	1.5	1.20	3.20	20.23			1.80	4.80	30.35
		15 10	1.0	4865	71.6	73.2	1.6	2.45	5.84	30.17			3.92	9.34	48.27
		15 10	0.9	4866	73.2	74.7	1.5	2.30	5.30	33.26			3.45	7.95	49.89
		15 15	0.8	4867	74.7	76.2	1.5	3.23	7.57	47.31			4.85	11.36	70.97
	76.2	END OF HOLE.													
				W.Av.	51.8	54.9	3.1	4.61	6.50	58.72			14.30	20.14	182.02
				W.Av.	59.4	64.0	4.6	2.39	4.49	37.28			10.99	20.67	171.47
				W.Av.	71.6	76.2	4.6	2.66	6.23	36.77			12.22	28.65	169.13
				W.Av.	54.9	71.6	16.7	1.73	3.15	30.29			28.95	52.66	505.86

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 25 MAY 1984 8:40 AM



DDH: FAGU159 -- 42 DEGREE PROFILE

(VIEW AZIMUTH = 312 DEGREES)

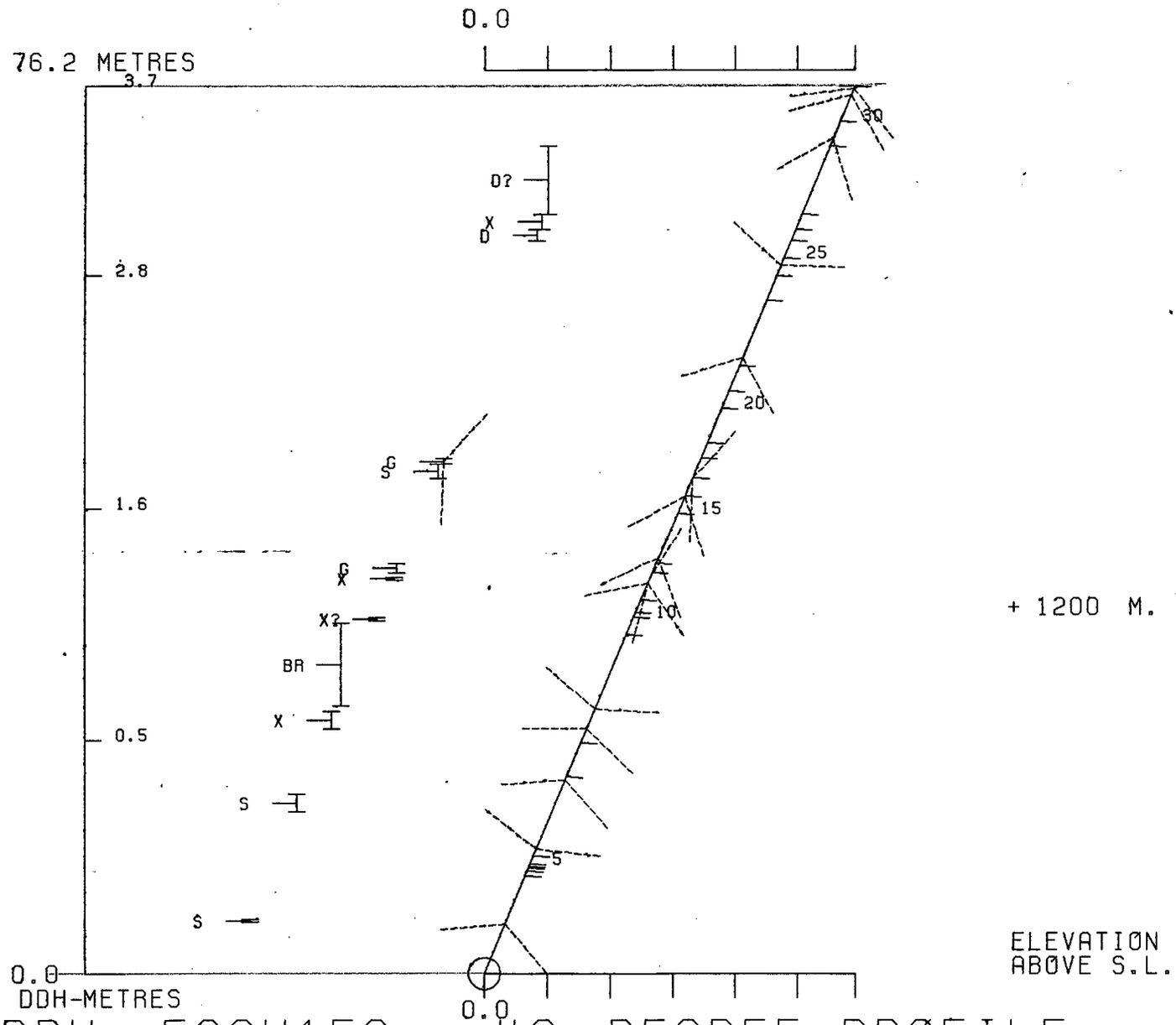
ELEV: 1171 592445E ; 904789N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 443.0 Z = 1170.8

SECTION NAME: 66W

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 25 MAY 1984 8:41 AM



DDH: FAGU159 -- 42 DEGREE PROFILE

(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1171 592445E ; 904789N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 443.0 Z = 1170.8

SECTION NAME: 66W

FAGU161

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
								.07	.54	1.05	12.0					1.59		.66
FAGU161	9546	2.7	4.7	2.0	65	4A3		.15	.19	.83	10.0					1.02		.81
	9547	4.7	6.6	1.9	53	4A3		.16	.12	.59	8.0					.71		.83
	9548	6.6	8.5	1.9	100	4A3		.10	.35	.85	10.0	.55	2.05	15.40		1.20	17.45	.71
	9549	8.5	10.4	1.9	100	4A3	3.05	.14	1.05	2.50	16.0	.96	1.76	18.40		3.55	20.16	.70
	9550	10.4	12.3	1.9	100	4A3	3.31	.13	2.08	2.60	41.0	1.10	1.52	18.50		4.68	20.02	.56
	9551	12.3	13.7	1.4	100	4A34	3.37	.26	1.53	1.86	30.0	2.19	1.42	28.70		3.39	30.12	.55
	9552	13.7	14.7	1.0	100	4E15	3.87	.06	5.00	4.10	76.0	1.44	1.96	15.40		9.10	17.36	.45
	9553	14.7	15.7	1.0	100	4D45	3.47	.08	5.70	8.30	80.0	1.37	2.35	15.50		14.00	17.85	.59
	9554	15.7	17.2	1.5	100	4D45	3.70	.11	3.10	3.50	47.0	1.17	1.53	19.40		6.60	20.93	.53
	9555	17.2	19.0	1.8	100	4A34	3.60	.23	2.70	1.11	47.0	1.37	1.81	21.40		3.81	23.21	.29
	9556	19.0	20.1	1.1	100	4A13	3.62	.16	3.90	3.70	63.0	1.44	1.53	13.70		7.60	15.23	.49
	9557	20.1	21.8	1.7	100	4A4	3.39	.10	6.40	11.60	106.0	1.71	2.10	9.10		18.00	11.20	.64
	9558	21.8	23.5	1.7	94	4A4	3.34	.14	7.30	16.20	113.0	2.81	1.39	14.70		23.50	16.09	.69
	9559	23.5	23.9	.4	100	4D4	3.92	.19	6.40	11.60	114.0	1.85	1.19	29.20		18.00	30.39	.64
	956C	23.9	25.2	1.3	100	4E#4	4.81	.06	6.20	10.40	124.0	1.17	.91	29.60		16.60	30.51	.63
	9561	25.2	26.6	1.4	100	4E#4	4.80	.10	7.20	9.70	123.0	1.37	1.86	10.20		16.90	12.06	.57
	9562	26.6	28.8	2.2	100	4A41	3.69	.07	5.40	8.10	87.0	1.58	1.81	13.60		13.50	15.41	.60
	9563	28.8	31.0	2.2	100	4A41	3.68	.06	6.50	9.80	104.0	1.58	2.40	10.90		16.30	13.30	.60
	9564	31.0	33.2	2.2	100	4D4	3.72	.06	2.90	2.40	44.0	1.51	3.64	29.40		5.30	33.04	.45
	9565	33.2	33.6	.4	100	4E18	4.47	.08	2.40	3.60	37.0	1.10	2.13	19.40		6.00	21.53	.60
	9566	33.6	35.2	1.6	94	4D0	4.06	.09	2.80	3.40	43.0	1.23	1.48	13.50		6.20	14.98	.55
	9567	35.2	37.2	2.0	100	4A314	3.52	.09	3.50	5.80	49.0	1.44	1.68	16.30		9.30	17.98	.62
	9568	37.2	39.2	2.0	100	4A314	3.41	.10	2.60	3.70	29.0	1.10	1.29	13.30		6.30	14.59	.59
	9569	39.2	41.2	2.0	100	4A314	3.56	.19	2.05	3.40	30.0	1.03	1.39	25.70		5.45	27.09	.62
	957C	41.2	43.0	1.8	100	4E145	4.01	.33	.10	.87	10.0	.75	2.08	26.40		.97	28.48	.90
	9571	43.0	45.2	2.2	95	4CE	3.94	.25	.14	.36	15.0	.96	1.91	20.10		.50	22.01	.72
	9572	45.2	47.1	1.9	100	4A13	3.36	.32	.26	.96	16.0	1.03	1.77	23.60		1.22	25.37	.79
	9573	47.1	48.5	1.4	100	4CE	3.90	.28	.50	1.08	17.0	1.23	2.63	23.70		1.58	26.33	.68
	9574	48.5	49.9	1.4	100	4CE	3.94	.15	5.20	3.90	86.0	2.40	1.67	18.80		9.10	20.47	.43
	9575	49.9	51.6	1.7	94	4DE4	3.85	.15	4.20	4.50	64.0	1.71	2.04	17.90		8.70	19.94	.52
	9576	51.6	53.3	1.7	82	4DE4	3.75	.05	1.71	3.60	24.0	.34	2.82	3.30		5.31	6.12	.68
	9577	54.3	55.1	.8	100	4L4	3.21	.07	6.70	8.00	93.0	1.23	5.60	8.10		14.70	13.70	.54
	9578	55.1	56.1	1.0	70	4E14	3.68											

DRILL HOLE : FAGU161
NORTHING : 904,787.2
EASTING : 592,442.6
ELEVATION : 1,166.8
TOTAL DEPTH : 59.4
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: 33
NOS DOWN-H-SURVEYS: 1
NOS DOWN-H-LITHOLOGY: 24
NOS DOWN-H-STRUCTURE: 4
NOS DOWN-H-FAULTS: 4
NOS DOWN-H-SPLINES: 1
NOS COMPOSITES: 0

DDH: FAGU161 UTM-N: 904,787.2 UTM-E: 592,442.6 UTM-ELEV: 1,166.8 TOTAL DEPTH: 59.4 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	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.
2.7	4.7	09546	2.0	1.3	4A3		.07	.54	1.05	12.00											
4.7	6.6	09547	1.9	1.0	4A3		.15	.19	.83	10.00											
6.6	8.5	09548	1.9	1.9	4A3		.16	.12	.59	8.00											
8.5	10.4	09549	1.9	1.9	4A3	3.05	.10	.35	.85	10.00		.55	2	15	17						
10.4	12.3	09550	1.9	1.9	4A3	3.31	.14	1.05	2.50	16.00		.96	1	18	20						
12.3	13.7	09551	1.4	1.4	4A34	3.37	.13	2.08	2.60	41.00		1.10	1	18	20						
13.7	14.7	09552	1.0	1.0	4E15	3.87	.26	1.53	1.86	30.00		2.19	1	28	30						
14.7	15.7	09553	1.0	1.0	4D45	3.47	.06	5.00	4.10	76.00		1.44	1	15	17						
15.7	17.2	09554	1.5	1.5	4D45	3.70	.08	5.70	8.30	80.00		1.37	2	15	17						
17.2	19.0	09555	1.8	1.8	4A34	3.60	.11	3.10	3.50	47.00		1.17	1	19	20						
19.0	20.1	09556	1.1	1.1	4A13	3.62	.23	2.70	1.11	47.00		1.37	1	21	23						
20.1	21.8	09557	1.7	1.7	4A4	3.39	.16	3.90	3.70	63.00		1.44	1	13	15						
21.8	23.5	09558	1.7	1.6	4A4	3.34	.10	6.40	11.60	106.00	109.00	1.71	2	9	11						
23.5	23.9	09559	.4	.4	4D4	3.92	.14	7.30	16.20	113.00		2.81	1	14	16						
23.9	25.2	09560	1.3	1.3	4E#4	4.81	.19	6.40	11.60	114.00		1.85	1	29	30						
25.2	26.6	09561	1.4	1.4	4E#4	4.80	.06	6.20	10.40	124.00		1.17		29	30						
26.6	28.8	09562	2.2	2.2	4A41	3.69	.10	7.20	9.70	123.00		1.37	1	10	12						
28.8	31.0	09563	2.2	2.2	4A41	3.68	.07	5.40	8.10	87.00		1.58	1	13	15						
31.0	33.2	09564	2.2	2.2	4D4	3.72	.06	6.50	9.80	104.00		1.58	2	10	13						
33.2	33.6	09565	.4	.4	4E18	4.47	.06	2.90	2.40	44.00		1.51	3	29	33						
33.6	35.2	09566	1.6	1.5	4DO	4.06	.08	2.40	3.60	37.00		1.10	2	19	21						
35.2	37.2	09567	2.0	2.0	4A314	3.52	.09	2.80	3.40	43.00		1.23	1	13	14						
37.2	39.2	09568	2.0	2.0	4A314	3.41	.09	3.50	5.80	49.00	46.00	1.44	1	16	17						
39.2	41.2	09569	2.0	2.0	4A314	3.56	.10	2.60	3.70	29.00		1.10	1	13	14						
41.2	43.0	09570	1.8	1.8	4E145	4.01	.19	2.05	3.40	30.00		1.03	1	25	27						
43.0	45.2	09571	2.2	2.1	4CE	3.94	.33	.10	.87	10.00		.75	2	26	28						
45.2	47.1	09572	1.9	1.9	4A13	3.36	.25	.14	.36	15.00		.96	1	20	22						
47.1	48.5	09573	1.4	1.4	4CE	3.90	.32	.26	.96	16.00		1.03	1	23	25						
48.5	49.9	09574	1.4	1.4	4CE	3.94	.28	.50	1.08	17.00		1.23	2	23	26						
49.9	51.6	09575	1.7	1.6	4DE4	3.85	.15	5.20	3.90	86.00		2.40	1	18	20						
51.6	53.3	09576	1.7	1.4	4DE4	3.75	.15	4.20	4.50	64.00		1.71	2	17	19						
54.3	55.1	09577	.8	.8	4L4	3.21	.05	1.71	3.60	24.00		.34	2	3	6						
55.1	56.1	09578	1.0	.7	4E14	3.68	.07	6.70	8.00	93.00		1.23	5	8	13						
WEIGHTED AVERAGE																					
2.7	53.3		50.6	48.3		3.27	.14	3.05	4.38	51.32	5.48	1.17	1	16	17						
54.3	56.1		1.8	1.5		3.47	.06	4.48	6.04	62.33		.83	4	5	10						

DDH: FAGU161 UTM-N: 904,787.2 UTM-E: 592,442.6 UTM-ELEV: 1,166.8 TOTAL DEPTH: 59.4 SECTION: W 66
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.COO	121.90C	225.1CO

DDH: FAGU161 UTM-N: 904,787.2 UTM-E: 592,442.6 UTM-ELEV: 1,166.8 TOTAL DEPTH: 59.4 SECTION: W 66
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
2.7	0001	4A3		0.5-	1
12.3	0002	4A3		0.5-	1
13.7	0003	4A34		0.5-	1
14.7	0004	4E15		0.5-	1
17.2	0005	4D54		0.5-	1
19.0	0006	4A34		0.5-	1
20.1	0007	4A13		0.5-	1
23.5	0008	4A4		0.5-	1
23.9	0009	4D4		0.5-	1
26.6	0010	4E#4		0.5-	1
31.0	0011	4A41		0.5-	1
33.2	0012	4D4		0.5-	1
33.6	0013	4E18		0.5-	1
35.2	0014	4D0		0.5-	1
41.2	0015	4A31		0.5-	1
43.0	0016	4E14	5	0.5-	1
45.2	0017	4C0	(4E0) 70:30	0.5-	1
47.1	0018	4A13		0.5-	1
49.9	0019	4C0	SERICITIC (4E1) 60:40	0.5-	1
53.3	0020	4D4	(4E14) [4D34]	0.5-	1
54.3	0021	5A0		0.5-	1
55.1	0022	4L4		0.5-	1
56.1	0023	4E14	&7	0.5-	1
59.4	0024	5B6	(5A6)	0.5-	1

DDH: FAGU161 UTM-N: 904,787.2 UTM-E: 592,442.6 UTM-ELEV: 1,166.8 TOTAL DEPTH: 59.4 SECTION: W 66
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
FAGU161	0.0	39.9	PS2		0	0	0	0	55	230	C	1	1	1
FAGU161	0.0	53.4	PS2		0	0	0	0	20	230	C	1	1	1
FAGU161	0.0	54.5	PS2		0	0	0	0	20	230	C	1	1	1
FAGU161	0.1	59.4	PS2	P	0	0	0	0	0	0	C	1	1	1

DDH: FAGU161 UTM-N: 904,787.2 UTM-E: 592,442.6 UTM-ELEV: 1,166.8 TOTAL DEPTH: 59.4 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
FAGU161	15.7	16.4	DX?		0	0	0	0	0	0	1
FAGU161	19.0	20.1	D?		0	0	0	0	0	0	1
FAGU161	20.1	23.5	S		0	0	99	999	0	0	1
FAGU161	56.1	59.1	G		0	0	0	0	0	0	1

DDH: FAGU161 UTM-N: 904,787.2 UTM-E: 592,442.6 UTM-ELEV: 1,166.8 TOTAL DEPTH: 59.4 SECTION: W 66
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGU161	1	1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 76-U161

Project: Grum Relog

Location: Vangorda Plateau

Claim:

UTM ~~Terr.~~ Plane Co-ords.: 6904787.228 N

conversion of K-A surveyed grid co-ords

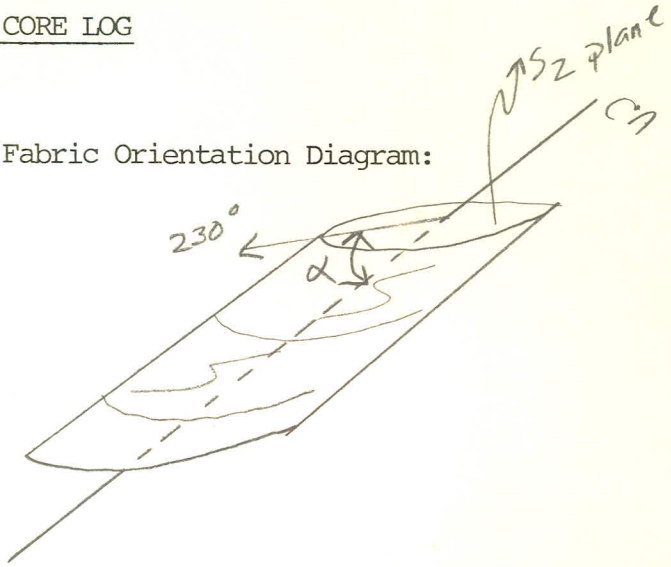
592442.5904 E

Grid Co-ords.: 66W/2N

Elevation: 1166.767

Total Depth: 195ft 59.4m

Fabric Orientation Diagram:



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

Purpose:

Logged by: JSM Date(s) Logged: Aug 21, 1980

Drilling Contractor:

Core: Size BQ From 0 To 59.4

Collar Cased and Capped:

Started: August 28, 1976 Completed: August 29, 1976

Cyprus Anvil Mining Corp.
Diamond Drill Core Log

DDH 76-U1-61
(2–8)

Code	Drillhole	Elevation	Northing	Easting	Comments
	2–8	10–16	17–24	25–32	34–48
T	76-U1-61	1166.8	9047872	5924426	METRES

225.1 for True North

Code	Drillhole	Depth		Zenith Angle		True Azimuth		Comments
	2–8	10–13	14	22–25	26	28–31	32	34–56
R	76-U1-61	0	0	121.9		223.5		AT COLLAR
R								
R								
R								
R								
R								
R								
R								
R								
R								
R								
R								
R								
R								
R								
R								

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

ORIGINALLY LOGGED 1980 (JSM) / CHECKED & REWRITTEN HERE 1981

DDH 76-U161 (2 / 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Page _____ of _____

Date: 18 Aug/81 CHECKED Logged By: GG / ORIGINAL LOG JSM

UNITS = METRES

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	0.0	2.7		0.01	*	No Recovery
L	2.7	12.3		2	4A31	+ (4C0/4E1) + (3G12 - FINELY INTERBANDED)
L	12.3	13.7		3	4A34	C + PHYL PARTINGS
L	13.7	14.7		4	4E1	+ (4A13 + (3G12 - FINELY INTERBANDED)) → + C-PARTINGS
L	14.7	17.2		5	4D4	+ (4A134) + (4D4 BRECCIA @ 15.7 - 16.4 m =
						4D4 + 4E14 CLASTS IN CLOSED 4D4
						MATRIX - CONTACTS ? - CLAST = 0.1 - 3 cm
						DIA → POSS FAULT
L	17.2	19.0		6	4A34	+ (4E14) ± (3G12 - FINELY INTERBANDED) + C-PARTINGS
L	19.0	20.1		7	4A113	±4 + (3G12 - F. IB.) - BRECCIA -
						THE STEEP FOLIATION (0 - 20° TO C.A.)
						OF S_2 WITHIN & AROUND THIS UNIT
						SUGGEST IT IS A FOLD NOSE;
L	20.1	23.5		8	4A4	+ (3G12 - F.IB.) + C-PARTINGS - INCREASING GRADE TOWARD F/W;
L	23.5	23.9		9	4D4	- 60% QZ; → SLICKENSIDED S_2 SURFACE @ 070/66 WITH S_2 SPEC. KGPT
L	23.9	26.6		10	4E*4	- MOD CALC ±1; RARE 4K-TYPE CARBONATE
						CLASTS;
L	26.6	31.0		11	4A141	/3/
L	31.0	33.2		12	4D4	
L	33.2	33.6		13	4E118	/4/
L	33.6	35.2		14	4DP1	/±4/
L	35.2	41.2		15	4A31	/4/ + (3G12 - F.IB.) + C PARTINGS;
L	41.2	43.0		16	4E14	+ (4A14 ±3) → DECREASING GRADE TOWARD F/W;
L	43.0	45.2		17	4C01	+ (4E1 = 30% OF UNIT)
L	45.2	47.1		18	4A113	C-PARTINGS.
L	47.1	49.9		19	4C01	± SERICITIC + (4E1 = 40% OF UNIT)
L	49.9	53.3		20	4D4	+ (4E14)
						BECOMING HIGHER GRADE TOWARD F/W;
L	53.3	54.3		21	5A31	- SERICITIC AT 20cm H/W;
L	54.3	55.1		22	4L4	
L	55.1	56.1		23	4E14	±J → 4J AFFINITY; 5% = 1-3cm IRREG
						PATCHES OF QZ - (NON-CALC).
L	56.1	59.4		24	5B6	+ (5A6) - 95% OF UNIT = GOUGE;
						END OF HOLE @ 59.4 m.

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

Note entered in computer as forest not trees so will look different!

DDH 76-4161 (2, 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Logged By: JSM

SEE OTHER PAGE FOR CHANGES

Code (1)	From (10–14)	To (16–20)	Unit (22–23)	Code (25–27)	Description
L	00	238	1	4A4	w/ minor 4E interbds. PbZn ↑ @ EOI, minor late cpy
L	238	266	2	4E4	w/ minor qtz-carb clasts 15-20% PbZn orange sph
L	266	310	3	4A4	1 minor cpy ~15% PbZn
L	310	332	4	4D4	cpy ~15% PbZn
L	332	336	5	4E0	
L	336	352	6	4D0	cpy
L	352	412	7	4A4	5-8% PbZn
L	412	420	8	4E1	
L	420	430	9	4AE	interbdded vA4, 4E41
L	430	451	10	4C0	
L	451	471	11	4A0	
L	471	503	12	4C0	
L	503	533	13	4D4	
L	533	543	14	5A3	bleached @ TOI
L	543	551	15	4L0	~~sph+gn @ TOI~~
L	551	561	16	4E4	1 High grade w/ patches of qtz (maybe 25%)
L	561	594	17	5B6	? 95% gouge
		EOH			

DDH 76-41.61 (2 / 8)

Cyprus Anvil Mining Corp.
Structural Log

Logged By: JSM

Code	From	To	Feature	Sym.	S_1 Dip Direct.	S_2 Dip Direct.	Description
1	10 14	16 20	22 24	26	28 32	34 38	
S		399	PSZ			55 230	R region 0-53.3
							↳ even though there is a lot of HA I couldn't get S_2 readings
S		533	FZR				P region 53.3 - 55.1
S		534	PSZ			210 230	
S		545	PSZ			210 230	
S		551	FZP				R region 55.1 - EOH
							↳ 56.1 - EOH = gouge
S		594	FZR				EOH

DDH 76-U16-1 (2 / 8)

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

Logged By: JSM

Sampled By: KA

Code	From	To	Sample No.		Length	Rec'v	Unit
1	10 14	16 20	22 27				
P	100	146	148116	KA	4.6	0.8	4A4
P	146	176	148117	KA	3.0	1.4	"
P	176	191	148118	KA	1.5	1.3	"
P	191	107	148119	KA	1.6	1.3	"
P	107	122	148120	KA	1.5	1.1	"
P	122	137	148121	KA	1.5	1.3	"
P	137	152	148122	KA	1.5	1.4	"
P	152	168	148123	KA	1.6	1.6	"
P	168	183	148124	KA	1.5	1.5	"
P	183	198	148125	KA	1.5	1.5	"
P	198	213	148126	KA	1.5	1.5	"
P	213	229	148127	KA	1.6	1.5	"
P	229	244	148128	KA	1.5	1.5	4A4, 4E4
P	244	259	148129	KA	1.5	1.5	4E4
P	259	274	148130	KA	1.5	1.5	4E4 4A4 1
P	274	290	148131	KA	1.6	1.6	4A4 L
P	290	305	148132	KA	1.5	1.5	4A4 1
P	305	320	148133	KA	1.5	1.5	4A4 1, 4D4
P	320	335	148134	KA	1.5	1.5	4D4 4E0
P	335	351	148135	KA	1.6	1.5	4D0
P	351	366	148136	KA	1.5	1.4	4D0 4A4
P	366	381	148137	KA	1.5	1.3	4A4
P	381	402	148138	KA	2.1	1.4	4A4
P	402	422	148139	KA	2.0	1.7	4A4 4E1 4AE
P	422	442	149140	KA	2.0	1.4	4AE 4C0
P	442	462	149141	KA	2.0	1.8	4E0 4A0
P	462	482	149142	KA	2.0	2.0	4A0 4C0
P	482	502	149143	KA	2.0	1.7	4C0
P	502	533	149144	KA	3.1	1.2	4D4
P	544	561	149145	KA	1.7	1.6	4E0 4E4 1

LOGGED 1980/CHECKED & ASSAYED 1981

66W

DDH J-16-U-1-61 (2 / 8) **Cyprus Anvil Mining Corp** Page ____ of ____

CHECKED **Logged by** GG

ASSAY LOG (SAMPLER'S COPY) Date 17 Aug/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 7	———	27	0	*	No Recovery
P	12 7	14 7	95146	20	13	4A13	
P	14 7	16 6	95147	19	10	4A13	
P	16 6	18 5	95148	19	19	4A13	
P	18 5	110 4	95149	19	19	4A13	
P	110 4	112 3	95150	19	19	4A13	
P	112 3	113 7	95151	14	14	4A34	
P	113 7	114 7	95152	10	10	4E1	+(4A13)
P	114 7	115 7	95153	10	10	4D14	+(4A134)
P	115 7	117 2	95154	15	15	4D4	BRECCIA +(4D4) +(4A134)
P	117 2	119 0	95155	18	18	4A34	+(4E14)
P	119 0	120 1	95156	11	11	4A13	±4 - BRECCIA
P	120 1	121 8	95157	17	17	4A4	
P	121 8	123 5	95158	17	16	4AA	
P	123 5	123 9	95159	04	04	4D4	
P	123 9	125 2	95160	13	18	4E*4	
P	125 2	126 6	95161	14	14	4E*A	
P	126 6	128 8	95162	22	22	4A4	/3/
P	128 8	131 0	95163	22	22	4A4	/3/
P	131 0	133 2	95164	22	22	4D4	
P	133 2	133 6	95165	04	04	4E18	/4/
P	133 6	135 2	95166	16	15	4D0	±4
P	135 2	137 2	95167	20	20	4A31	/4/
P	137 2	139 2	95168	20	20	4A31	/4/
P	139 2	141 2	95169	20	20	4A31	/4/
P	141 2	143 0	95170	18	18	4E1A	+(4A14±3)
P	143 0	145 2	95171	21	21	4C0	
P	145 2	147 1	95172	19	19	4A13	
P	147 1	148 5	95173	14	14	4C0	+(4E1)
P	148 5	149 9	95174	14	14	4C0	+(4E1)
P	149 9	151 6	95175	17	16	4DA	+(4E14)
P	151 6	153 3	95176	17	14	4D4	+(4E14)
	153 3	154 3	———	10	—	5A3	LOW GRADE NOT SAMPLED // ASSAY =0%
P	154 3	155 1	95177	08	08	4L4	
P	155 1	156 1	95178	10	07	4E14	

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

END OF HOLE @ 59.4m

GGW

LOGGED 1980/CHECKED & ASSAYED 1981

DDH 76-U-161 (2 8) **Cyprus Anvil Mining Corp** Page 9 of 9

CHECKED ~~Logged~~ by GG

ASSAY LOG (SAMPLER'S COPY) Date 17 Aug/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	12.7		2.7	1.0	1*1	NO RECOVERY
P	12.7	14.7	915416	2.0	1.3	4A113	
P	14.7	16.6	915417	1.9	1.0	4A113	
P	16.6	18.5	915418	1.9	1.9	4A113	
P	18.5	21.4	915419	1.9	1.9	4A113	
P	21.4	23.3	915420	1.9	1.9	4A113	
P	23.3	25.7	915421	1.4	1.4	4A134	
P	25.7	27.7	915422	1.0	1.0	4E11	+(4A13)
P	27.7	28.7	915423	1.0	1.0	4D14	+(4A134)
P	28.7	30.2	915424	1.5	1.5	4D41	BRECCIA + (4D4) +(4A134)
P	30.2	32.0	915425	1.8	1.8	4A34	+(4E14)
P	32.0	33.1	915426	1.1	1.1	4A113	±4 - BRECCIA
P	33.1	33.8	915427	1.7	1.7	4A41	
P	33.8	35.5	915428	1.7	1.6	4A41	
P	35.5	39.9	915429	4.4	4.4	4D41	
P	39.9	42.2	915430	1.3	1.3	4E*4	
P	42.2	46.6	915431	1.4	1.4	4E*4	
P	46.6	48.8	915432	2.2	2.2	4A41	/3/
P	48.8	51.0	915433	2.2	2.2	4A141	/3/
P	51.0	53.2	915434	2.2	2.2	4D41	
P	53.2	56.6	915435	4.4	4.4	4E118	/4/
P	56.6	59.2	915436	1.6	1.5	4D01	±4
P	59.2	61.2	915437	2.0	2.0	4A31	/4/
P	61.2	63.2	915438	2.0	2.0	4A31	/4/
P	63.2	65.2	915439	2.0	2.0	4A31	/4/
P	65.2	67.3	915440	1.8	1.8	4E14	+(4A14±3)
P	67.3	69.2	915441	2.1	2.1	4C01	
P	69.2	71.1	915442	1.9	1.9	4A113	
P	71.1	72.5	915443	1.4	1.4	4C01	+(4E1)
P	72.5	74.4	915444	1.4	1.4	4C01	+(4E1)
P	74.4	76.6	915445	1.7	1.6	4D41	+(4E14)
P	76.6	78.3	915446	1.7	1.4	4D41	+(4E14)
	78.3	79.3		1.0	—	5A31	LOW GRADE NOT SAMPLED // ASSAY = 0%
P	79.3	81.1	915447	1.8	1.8	4L41	
P	81.1	82.1	915448	1.0	1.0	4E114	

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

END OF HOLE @ 59.4m

DDH EAGU161 (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	157	164	DXP					
F	190	210	DP					
F	201	235	S			9999		Slicks at 090/66 wrt S
F	516	5916	G					

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

DIAMOND DRILL RECORD

LOGGED BY ALEXANDER YOUNG-PO D.D.H. Nº 76-U-161 PAGE 1

PROPERTY GRUM JOINT VENTURE

LATITUDE 2N STARTED AUGUST 28, 1976

DEPARTURE 66W COMPLETED AUGUST 29, 1976

ELEVATION 1177.484 PROPOSED DEPTH

ULTIMATE DEPTH 195-59.4m

HOLE SURVEY:		
DEPTH	BEARING	DIP
COLLAR	222° 51'	-31° 54'

CLAIM Nº

N

DIRECTION AND DISTANCE FROM N.E. CLAIM POST

TOTAL CORE RECOVERY: 77.6%

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
0	24.0	MINERALIZED GRAPHITIC PHYLLITE (G). Competent.	15 2	0.8	4816	0	4.6	4.6	0.33	0.58	10.97			4.19	PbZn	
		Varying foliation trend as hole progresses.	20 2	1.4	4817	4.6	7.6	3.0	0.18	0.80	8.91			2.94	PbZn	
		0-10.7: F_2 = 70-80°; F_1 = 10°.	20 2	1.3	4818	7.6	9.1	1.5	0.13	0.58	7.20			1.07	PbZn	
		10.7-18.3: F_2 = 45-50°; F_1 = 40° (oppisite dip dir.)	25 4	1.3	4819	9.1	10.7	1.6	0.55	1.10	12.00			2.64	PbZn	
		21.3-22.9: F_2 = 0° with series of fold noses on	25 6	1.1	4820	10.7	12.2	1.5	1.18	2.73	20.23			1.77	4.1	30.35
		F_2 oppisite sides of core.	25 6	1.3	4821	12.2	13.7	1.5	3.48	.348	52.46			5.22	5.22	78.69
		18.3-19.8: Bx. Sufldie and quartz fragments cemen-	50 5	1.4	4822	13.7	15.2	1.5	1.75	1.75	28.46			2.63	2.63	42.69
		ted by graphite.	40 12	1.6	4823	15.2	16.8	1.6	7.86	9.22	95.66			12.58	14.75	153.06
		24.0: Gradual build-up of mineralization. Rx be-	40 8	1.5	4824	16.8	18.3	1.5	3.18	3.60	44.23			4.77	5.40	66.35
		coming massive sulfide (M).	40 10	1.5	4825	18.3	19.8	1.5	1.70	0.78	30.17			2.55	1.17	45.26
24,0	32.0	MASSIVE SULFIDE OF BANDED (MB) WITH BARITE GROUNDMASS	30 9	1.5	4826	19.8	21.3	1.5	3.90	2.60	54.51			5.85	3.90	81.77
		VARIETIES (Mb). Competent. Compositional banding =	25 18	1.5	4827	21.3	22.9	1.6	7.66	10.30	103.9			12.26	16.48	166.22
		15-20°. Except at 29m: Foliation = 0°, fold nose.	30 18	1.5	4828	22.9	24.4	1.5	8.66	17.08	158.4			12.99	25.62	237.6
		28.4-31.5: Barite in groundmass.	60 10	1.5	4829	24.4	25.9	1.5	6.61	9.30	100.8			9.92	13.95	151.20
		32.0: Gradual change to quartz sulfide (P).	70 10	1.5	4830	25.9	27.4	1.5	6.10	10.70	108.0			9.15	16.05	162.0
32.0	35.2	QUARTZ-SULFIDE (P). Competent. Very siliceous ground	70 15	1.6	4831	27.4	29.0	1.6	9.20	10.60	140.2			14.72	16.96	224.37
		mass. Foliation = 25° (F_1 ?)	70 12	1.5	4832	29.0	30.5	1.5	6.50	8.89	91.89			9.75	13.34	137.84

LOGGED BY _____ D.D.H. NO. 76-U-161 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
		35.2: Abrupt change to Mineralized Graphitic 60 10	1.5	4833	30.5	32.0	1.5	6.28	8.40	88.80			9.42	12.6	133.20
		Phyllite (PG). Contact broken core. 40 16	1.5	4834	32.0	33.5	1.5	7.20	9.65	96.69			10.8	14.48	145.04
35.2	53.3	MINERALIZED GRAPHITIC PHYLLITE (PG). Competent. 40 15	1.5	4835	33.5	35.1	1.6	2.90	3.35	38.40			4.64	5.36	61.44
		F = 20°; F = 30-35° (oppisite dip direction). 30 15	1.4	4836	35.1	36.6	1.5	3.10	4.15	42.51			4.65	6.23	63.77
		Sulfides parallel to F_2. F_1 30 17	1.3	4837	36.6	38.1	1.5	3.48	4.75	46.29			5.22	7.13	69.4
		38-38.2: Sheared. Porous graphitic sulfide. F_2 30 10	1.4	4838	38.1	40.2	2.1	2.05	2.90	21.26			4.31	6.09	44.6
		42.7-46: Quartz-sulfide interval. Contacts gradual. 30 9	1.7	4839	40.2	42.2	2.0	3.25	4.65	34.29			6.50	9.30	68.6
		30 4	1.4	4940	42.2	44.2	2.0	0.23	0.30	8.23			0.53	PbZn	
		51.8-53.3: Broken blocky core. Poor recovery. 35 4	1.8	4941	44.2	46.2	2.0	0.08	0.48	9.94			0.56	PbZn	
53.3	59.4	GRAPHITIC PHYLLITE (G) W/SHORT MINERALIZED INTERVALS 35 4	2.0	4942	46.2	48.2	2.0	0.18	0.70	13.03			0.88	PbZn	
		(PG). F = 0°; F = 90°. 40 5	1.7	4943	48.2	50.2	2.0	0.88	1.00	20.23			1.88	PbZn	
		Sulfides parallel to F_2. Mgtt. @ 48.8-50.3. F_1 40 8	1.2	4944	50.2	53.3	3.1	5.15	4.80	70.63			15.97	14.88	218.95
		54.4-54.9: Bleached F_2 phyllite interval. Silvery 1 NIL	0.9		53.3	54.4	1.1						0	0	0
		white colour with sulfide laminae. Foliation = 0° F ? 15 8	1.6	4945	54.4	56.1	1.7	6.01	8.40	72.69			10.22	14.28	123.57
		56.2-59.4: FAULT. Sericite and graphite flakes in dark F_2	1.1		56.1	59.4	3.3								
		sticky gouge.													
				W.Av.	0	10.7	10.7	1.01	PbZn				10.48	PbZn	
				W.Av.	10.7	15.2	4.5	2.14	2.65	33.72			9.62	11.93	151.73
	59.4	END OF HOLE.		W.Av.	15.2	18.3	3.1	5.60	6.50	70.78			17.35	20.15	219.41
				W.Av.	16.8	21.3	4.5	2.93	2.33	34.08			13.17	10.47	153.38
				W.Av.	21.3	33.5	12.2	7.30	10.61	111.3			89.01	129.48	1357.4
				W.Av.	33.5	42.2	8.7	2.91	3.92	35.4			25.32	34.11	307.8
				W.Av.	42.2	50.2	8.0	0.96	PbZn						
				W.Av.	15.2	21.3	6.1	4.22	4.13	50.2			25.75	25.22	306.4
				W.Av.	50.2	56.1	5.9	4.44	4.94	58.1			26.19	29.16	342.52

DDH: FAGU161 -- 42 DEGREE PROFILE

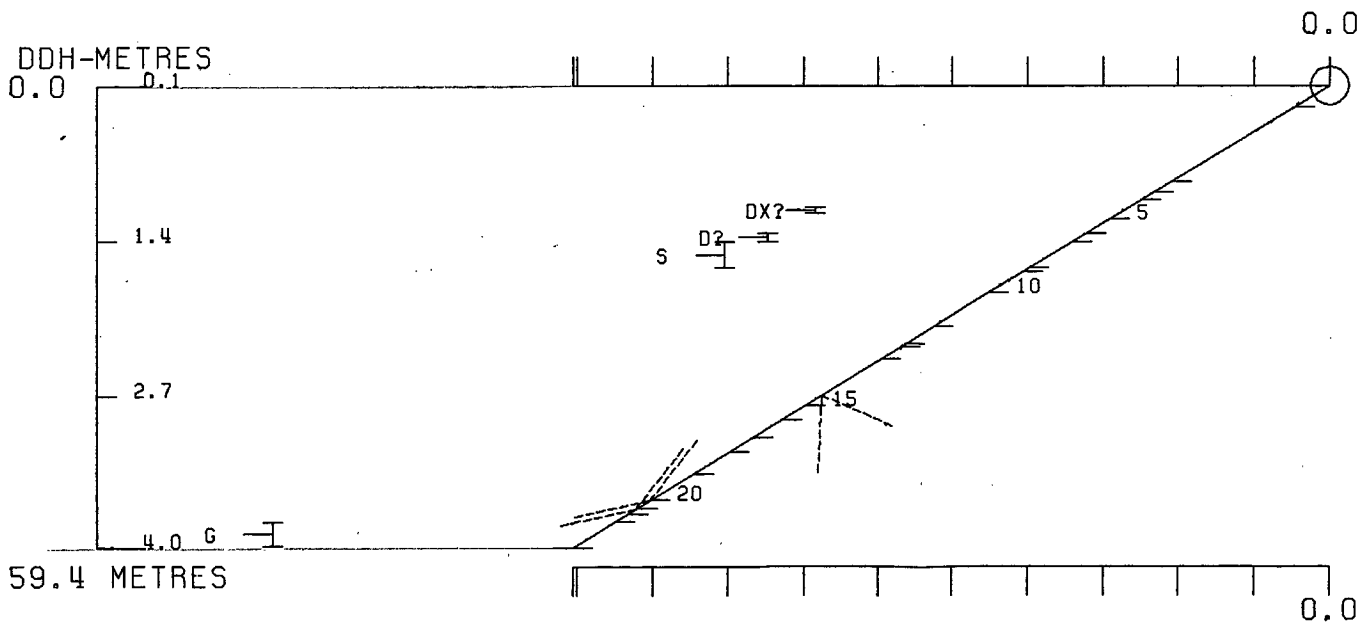
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1167 592443E ; 904787N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 439.8 Z = 1166.8

SECTION NAME: 66W



ELEVATION ABOVE S.L.

+ 1150 M.

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 25 MAY 1984 8:47 AM

DDH: FAGU161 -- 42 DEGREE PROFILE

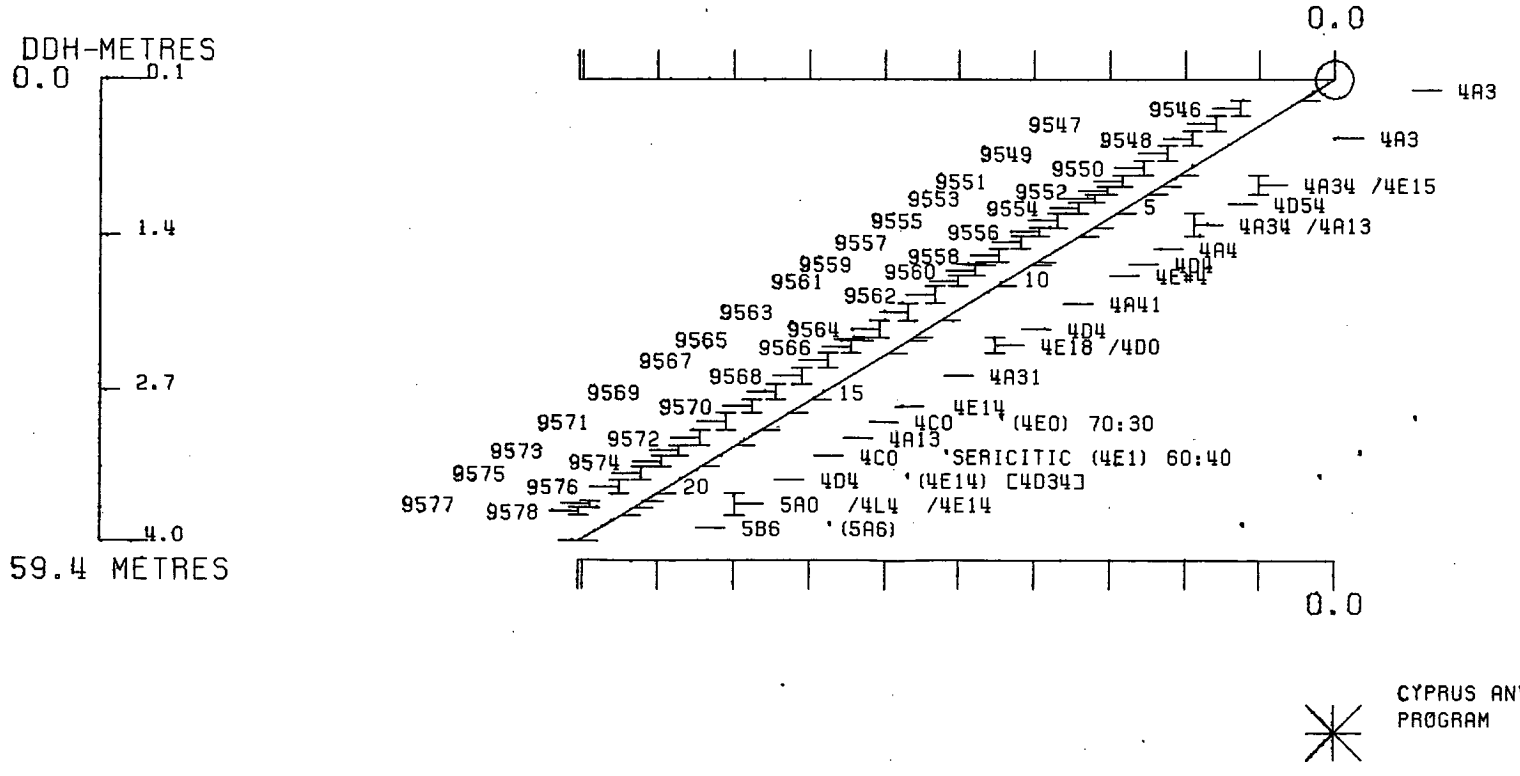
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1167 592443E ; 904787N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 439.8 Z = 1166.8

SECTION NAME: 66W



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 25 MAY 1984 8:45 AM

DRILL HOLE : FAGU189
NORTHING : 904,814.4
EASTING : 592,425.4
ELEVATION : 1,164.2
TOTAL DEPTH : 123.4
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:	22
NOS DOWN-H-SURVEYS:	1
NOS DOWN-H-LITHOLOGY:	33
NOS DOWN-H-STRUCTURE:	19
NOS DOWN-H-FAULTS:	21
NOS DOWN-H-SPLINES:	1
NOS COMPOSITES:	0

DDH: FAGL139 UTM-N: 904,814.4 UTM-E: 592,425.4 UTM-ELEV: 1,164.2 TOTAL DEPTH: 123.4 SECTION: W 67
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

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.
56.4	58.4	9C683	2.0	1.8	4E4			2.65	5.40	32.20											
58.4	60.4	9C684	2.0	1.3	4A1C			1.18	3.40	21.30											
60.4	61.0	9C685	.6	.6	4E0			1.05	1.80	25.40											
61.0	62.5	9C686	1.5	1.5	5D4$			.18	1.10	3.10											
82.9	85.3	9C687	2.4	2.4	4E0			3.20	1.80	29.10											
85.3	87.5	9C688	2.2	2.0	4E0			1.08	.85	16.10											
87.5	88.4	9C689	.9	.8	4E0			.55	.90	14.10											
88.4	89.9	9C690	1.5	1.5	4E0			1.03	1.43	18.20											
89.9	90.8	9C691	.9	.7	4E0			1.25	1.23	17.10											
90.8	93.0	9C692	2.2	1.9	4EC			1.85	2.15	27.40											
93.0	93.9	9C693	.9	.2	4C0			1.05	1.43	12.00											
93.9	95.4	9C694	1.5	1.5	4C0			.40	.38	8.20											
95.4	96.3	9C695	.9	.5	4C0			.53	.85	5.10											
96.3	97.8	9C696	1.5	1.5	4C0			.55	.98	6.20											
97.8	100.3	9C697	2.5	1.6	4C0			2.78	2.13	24.30											
100.3	101.8	9C698	1.5	1.4	4D0			3.68	2.03	32.20											
101.8	103.6	9C699	1.8	1.7	4C0			1.85	1.20	20.20											
103.6	105.2	9C700	1.6	1.6	4D0			2.48	2.63	29.10											
105.2	106.7	9C701	1.5	1.5	4D0			4.45	4.95	67.50											
106.7	108.2	9C702	1.5	1.5	4C0			1.53	1.13	25.40											
108.2	109.7	9C703	1.5	1.5	4EC			1.03	.83	15.10											
112.8	114.3	9C704	1.5	1.5	4C0			2.03	2.65	36.30											
WEIGHTED AVERAGE																					
56.4	62.5		6.1	5.2				1.40	3.33	20.80											
82.9	109.7		26.8	23.8				1.68	1.64	22.83											
112.8	114.3		1.5	1.5				2.03	2.65	36.30											

DDH: FAGU139 UTM-N: 904,814.4 UTM-E: 592,425.4 UTM-ELEV: 1,164.2 TOTAL DEPTH: 123.4 SECTION: W 67
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	133.900	51.500

DRILL-HOLE LITHOLOGY (SM.20)

DRILL: GROM

DDH: PAGU189 UTM-N: 904,914.4 UTM-E: 592,425.4 UTM-ELEV: 1,164.2 TOTAL DEPTH: 123.4 SECTION: W 67
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
1.4	0001	4		0.5-	1
15.8	0002	3GC	& STR.-V.MINOR(1CQO &$) 9C:1C	0.5-	1
16.2	0003	4L2	(1CQC &$) CRACKLE &XA	0.5-	1
20.5	0004	5C43	(5D4*)(4CC) 65:1C:25 ULTRA CO3	0.5-	1
25.9	0005	4CC	(4C5 -> 4A0)	0.5-	1
27.4	0006	4A10	GCUGE (5D4) MINOR	0.5-	1
30.2	0007	4A10		0.5-	1
30.3	0008	4CC	&7 (5D4* -> 4L2)(10QC)70:25:05	0.5-	1
30.5	0009	5C43		0.5-	1
39.2	0010	4AC	&1	0.5-	1
39.6	0011	5D4*	(4CO) 60:40	0.5-	1
40.0	0012	4A0	-> 5A19	0.5-	1
40.8	0013	4CC	[4L2 &4 &1 LOCAL]	0.5-	1
42.7	0014	5B62		0.5-	1
42.9	0015	4CC		0.5-	1
44.8	0016	5C43	(5D4@)	0.5-	1
56.4	0017	4A10		0.5-	1
58.8	0018	4E4	&5	0.5-	1
60.3	0019	4A10		0.5-	1
61.1	0020	4EC		0.5-	1
62.5	0021	5D43	(5A6) 90:10	0.5-	1
73.7	0022	3GC	(5D4*) MINOR C.O.I.	0.5-	1
75.4	0023	5D6	(3G4) (4DC &1)	0.5-	1
77.7	0024	3G9		0.5-	1
78.6	0025	4L2	(5D4*) (4CO) (3G4) 40:20:20:20	0.5-	1
81.3	0026	5A16		0.5-	1
82.8	0027	4A10	(5A19) T.O.I. 80:20	0.5-	1
92.3	0028	4EC	&8 &$	0.5-	1
106.4	0029	4CC	&* &8 (4DO) C.O.I.	0.5-	1
109.0	0030	4EC	&1	0.5-	1
113.8	0031	4CC	&8 (4E8 &1) 85:15	0.5-	1
114.2	0032	4G4	$	0.5-	1
123.4	0033	4CC	(4E1) (4HO) 93:07:MINOR		

DDH: FAGU139 UTM-N: 904,814.4 UTM-E: 592,425.4 UTM-ELEV: 1,164.2 TOTAL DEPTH: 123.4 SECTION: 4 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
FAGU189	0.0	1.8	CS2		0	0	0	0	40	230	0	1	1	1
FAGU189	0.0	6.3	CS2		0	0	0	0	60	230	0	1	1	1
FAGU189	0.0	12.7	PS2	P	0	0	0	0	60	230	0	1	1	1
FAGU189	0.0	18.0	CS2		0	0	0	0	50	230	0	1	1	1
FAGU189	0.0	25.0	CS2		0	0	0	0	65	230	0	1	1	1
FAGU189	0.0	35.2	CS2		0	0	0	0	50	230	0	1	1	1
FAGU189	0.0	40.7	CS2		0	0	0	0	60	230	0	1	1	1
FAGU189	0.0	47.2	CS2		0	0	0	0	60	230	0	1	1	1
FAGU189	0.0	54.5	CS2		0	0	0	0	40	230	0	1	1	1
FAGU189	0.0	62.5	PS2	P	0	0	0	0	75	230	0	1	1	1
FAGU189	0.0	66.7	CS2		0	0	0	0	70	230	0	1	1	1
FAGU189	0.0	74.0	CS2		0	0	0	0	65	230	0	1	1	1
FAGU189	0.0	77.0	PS2	P	0	0	0	0	70	230	0	1	1	1
FAGU189	0.0	82.5	CS2		0	0	0	0	85	230	0	1	1	1
FAGU189	0.0	88.3	PS2	P	0	0	0	0	80	230	0	1	1	1
FAGU189	0.0	103.8	PS2	P	0	0	0	0	70	230	0	1	1	1
FAGU189	0.0	109.7	PS2	P	0	0	0	0	50	230	0	1	1	1
FAGU189	0.0	114.0	PS2	P	0	0	0	0	80	230	0	1	1	1
FAGU189	0.0	122.8	PS2	P	0	0	0	0	80	230	0	1	1	1

DDH: FAGU189 UTM-N: 904,814.4 UTM-E: 592,425.4 UTM-ELEV: 1,164.2 TOTAL DEPTH: 123.4 SECTION: W 67
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	REC CD	PARLL	UPPER PLANE		INTERNAL PLANE		LOWER PLANE		DHD
FAGU189	0.1	1.4	NP			0	0	C	C	0	0	1
FAGU189	1.5	3.0	P2B	4		0	0	C	C	0	0	1
FAGU189	4.8	5.0	G			99	999	C	C	0	0	1
FAGU189	1.4	15.8	2B			0	0	0	C	0	0	1
FAGU189	15.8	16.2	1XQ			0	0	C	C	0	0	1
FAGU189	0.0	16.2	1F			0	0	C	0	0	0	1
FAGU189	25.8	25.9	R			0	0	C	C	0	0	1
FAGU189	25.9	27.4	GBP	5		C	0	C	C	0	0	1
FAGU189	27.4	30.2	BRP	3		0	0	C	C	0	0	1
FAGU189	32.0	33.5	P	2		0	0	C	0	0	0	1
FAGU189	35.6	36.3	Q			C	0	C	C	0	0	1
FAGU189	56.4	58.8	X3B			0	0	0	C	0	0	1
FAGU189	56.4	59.4	P	5		0	0	C	C	0	0	1
FAGU189	0.0	61.8	1G			0	0	C	C	0	0	1
FAGU189	61.1	62.5	TR			C	0	0	C	0	0	1
FAGU189	0.0	78.6	1G			C	0	C	C	0	0	1
FAGU189	78.6	81.3	3B			0	0	C	C	0	0	1
FAGU189	83.8	87.3	2XD			0	0	0	C	0	0	1
FAGU189	82.8	92.3	XQB			0	0	C	C	0	0	1
FAGU189	92.3	93.9	RP	1		0	0	C	C	0	0	1
FAGU189	95.4	96.3	RBP	3		0	0	C	0	0	0	1

DDH: FAGU189 UTM-N: 904,214.4 UTM-E: 592,425.4 UTM-ELEV: 1,104.2 TOTAL DEPTH: 123.4 SECTION: W 67
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGU189	1	1

KERR AOOII ASSAYS 67W

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: FAGU 189

Project: GRUM

Location: 67W

Claim: _____

Terr.Plane Co-ords.: 9048 14.4 N

592425.4 E

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

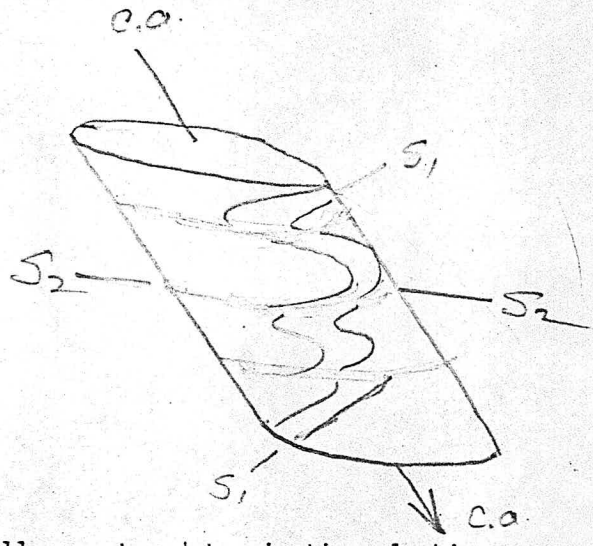
Grid Co-ords: _____

_____

Elevation: 1164.2

Total Depth: 123.4

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 - GAJ

Date(s) Logged: AUG 82.

Drilling Contractor: _____

Hole Cemented: _____

Steel down hole: _____

CORE Size	From	To

Collar Cased and Capped: ____

Started: _____ Completed: _____

Cyprus Anvil Mining Corp.

DDH FAGU189

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	FAGU189	11164.2	9048144.4	5924251.4	METERS	512

51.5 for North

Code	Drillhole	Depth	Zenith Angle	True Azimuth	True	Comments
	2 8	10 14	22 26	28 32		34 56
R	FAGU189	10	133.9	149.9		AT COLLAR

DSJ 10/00/82

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

DDH FAGU189 (2–8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: _____ Logged By: DSJ / GAJ

Code	From	To	Recov.	No.	Unit	Description
1	10–14	16–20	22–24	26–28	30–34	35
L	00	14		1	#	shotcrete no recovery
L	14	158		2	3GO	± v. minor stringer (QQD ± * dol) 10% ots
						S_2 11 lenses 0.1–0.4 m
						minor 3G4@ 6.1–7.6
						moderately broken – 1. mineral dolomite
						has silty quartzose layers –
						intact core for Top of unit where
						1.5–3.0 = 0.7m recov (or fract)
						4.8–5.0 = gouge U appears S_2 11 lower
						is INT)
						stringers v. rusty appear to
						be qtz-py dolo and are v. minor
L	158	162		3	4LR	(QQD*) crackle brtch in qtz dolo
						healing over entire unit
L	162	205		4	5C4*	dolo (SD4* dolo or ank) (4CO) 65:10:25
						4C as lt grey to creme units with
						good banding low S^2 int ± 10%
						or less, Bha poor – Textures look
						exhalative – some rx resemble 4A to fine
						4CO at: 16.8–17.0
						17.5–17.9
						18.4–18.8
						19.2–19.5
						interval begins and ends with
						pinkish tan SD4* ank – upper
						contact appears to be a faulted
						and veined contact at ~30°
						to CA, lower contact S_2 11 and
						sharp
						5C has weak relict chl matrix
						and is fuchsitic – aH 5C(1)
						v. heavily carbonatized
L	205	259		5	4CO	(4C5 → 4A0) light grey to creme
						qtz dolos with strong S^2 banding
						and species segregation locally
						Tot S^2 ≈ 25–4 py dominant

DDH F,A,G,U,1,8,9 (2 / 8)

Cyprus Anvil Mining Corp.

Lithologic Log Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						textures similar to 4A but rx have creme to greenish creme folia ⇒ 4L overprint on 4A -
						from 21.3-21.4 have 4CS in gradational contact with 4CO - one of best examples known of overprint by 4L on 4A
						intact but for rubble at EOI 25.8-25.9 overlying major gouge zone.
L	12.59	12.74		6	4A1.0	gouge and broken core minor 5D4 gouge - major fault juxtaposing different lithologies. 0.8m recov over interval, all IND
L	12.74	13.02		7	4A1D	normal exhalative 4A text but tot 5i = ≈ 10% py dominant entire interval broken and rubbly in no discrete gouge ~ 0.9m recovery over interval totally IND
L	13.02	13.63		8	4CP1	±7(5D4* → 4L2) (OPO) TO -25.5 entire unit buff to creme colored or prominently ⊂ bearded as above 4C le text like 4A - 5D4* interp on basis of color and texture since absent fizz in 20% HCl (tank) and is pinkish beige has no fuchite. looks like strongly overprinted sequence of 5D and 4A
						OPO in last 0.7m of interval main 4C is at 33.5-35.5 other intervals elsewhere
						32.0 -33.5 = 0.4m recov no gouge

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

DDH FAGU18#9 (2 8) Cyprus Anvil Mining Corp. Page 5 of 10

Lithologic Log Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	3163	3165		9	SG4*	dol fuch upper contact = qtz vein lower is 11 S_2 and gradational into 4A over 1cm.
L	3165	3912		10	4A0	±1 1 = both off white qtz $S^{=}$ bands and variably developed black cherty "matrix" $S^{=}_{tot}$ = 15% py dominant split but recovery good 2 v/cm tuff bands at 38.8
L	3912	3966		11	SD4*	dolo or ank, minor fuchsite (4CO) 60:40 interval represents bleached exhalite and tuff sequence. - textures of 4CO & 4A
L	3966	4000		12	4A0	→ SA19 with 0.4m 4CO bleached interval with diffuse U/L centered on 39.9
L	4000	4008		13	4C0	[4L2±4±Hical] has diffuse U/L contacts - appears as bleached SA19 equivalent - textures look like surrounding units - good examples of 4C overprint
L	4008	4027		14	SB62	medium dk grey fairly homogenously carbonaceous with weak qtz siltstone bands - no sulfides. unit intact
L	4027	4029		15	4C0	$S^{=}_{tot}$ ≤ 15% - coarse clastic & lt grey - on margin of SD/C is probably bleached 4A
L	4029	4448		16	SC4*	dolo (SD4* ank) SD4* as 3cm to 10cm margins at U/L contacts - probably foliated fg margins - SC has relict millbed texture,
L	4448	5564		17	4A1P	normal exhalative text 1 = black cherty "matrix" $S^{=}_{tot}$ ≈ 10-15% pyclum split but probably intact

DDH FAGU18#9 (2 8) Cyprus Anvil Mining Corp. Page 6 of 10

Lithologic Log Date: _____ Logged By: DSJ/GAJ

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	56.4	58.8		18	4E Ø/4	±5 unit heavily broken and bltd, bille bxa with buff dolo matrix - much of matrix seems to have broken to form rubble zones as 56.4-56.8, recovery bad 56.4-59.4 = 1.7 m recov.
L	58.8	60.3		19	4A 1 0	ps, foliated 1% S = tot 10% py & sphal normal exhal text.
L	60.3	61.1		20	4E 4 0	normal well banded has minor 1cm buff tan $CO_3^=$ patches but not enough for 4K
L	61.1	62.5		21	SD4*	dolo (SA6) 90:10 entire unit mangled poker chippy and rubbly looks like carbonated tffs with minor carbonaceous pelite interbands, minor 1 NO SA6 gouge in center of interval not a major fault weakly developed gtz "silts tone" lamina - dull med grey boring phyllitic - one SD4* band at 66.7 ± 0.1 m thick with 0.4 m bleached interval surrounding it
L	73.7	75.4		23	SD6	(364) (4D0:1) probable interlayered tffs and sulfides best developed at 74.2 - 75.0 - 364 as .3 - .4 m borders to unit - tx to 360 up and down. 4D0 as 3-5cm = 4 in interval 74.2 - 75.0 may be veins 1/5, med dark grey homogeneous poorly developed gtz rose lamina
L	75.4	77.7		24	369	(4C0)
L	77.7	78.6		25	442	(SD4*)(364) 40:20:20:20 unit approaches 4C0 locally particularly at 78.0 where there is a 0.2 m band

DDH EAG.01.89 (2 8) Cyprus Anvil Mining Corp. Page 7 of 10

Lithologic Log Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						↓ contact drilled away
						L is IND with gouge.
L	78.6	81.3		26	SA 16	unit PS, foliated very siliceous,
						badly broken but good recov -
						several mm scale tuff bands
						at 78.8 - unit locally less
						carbonaceous than SA is.
						a borderline unit.
L	81.3	82.8		27	HA 10	(SA 19) SA 19 in upper 0.3 m OI
						grading down to 4A with
						good extnal. text with 1=
						black "clay matrix"
						tot 5= 10-15 py ≈ 2ms
						lower contact is Bxta with
						1cm 5, 11 gouge (drilling artifact?)
						at contact
L	82.8	92.3		28	4ED	±8-* dol unit poorly banded commonly
						crackle bxtd with dolo fracture
						linings - much open space
						in crackle bxn. - no matrix
						in bxn - bxn best 83.8 -
						87.3 - also local 5=1ms=
						bxn with 1-2cm ♦ frags in
						framework support dolo +5=
						flour matrix Thin Bn from TOI to 83.8
						unit badly broken with at
						least 80% recovery, no gouge preserved
L	92.3	108.4		29	4CD	±*±8 very locally may approach
						4D from 105.0 - 107.7 to be specific
						might make 4D,
						tot 5= ≈ 50% - typical 4C banding
						with only local sphal rich
						bands, probable fault in rubble
						zone from TOI - 93.9 = 0.3 m recov
						95.4 - 96.3 = 0.3 m recov = rubble and
						broken core no gouge

(4DO) C.O.I. C.A.M.C. 1981 - E-3

DDH FAGU189 (2–8) Cyprus Anvil Mining Corp. Page 8 of 10

Lithologic Log Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
1	10–14	16–20	22–24	26–28	30–34	35
						some creme colored, 4L like, foliation in lower portion of unit. (does this imply 4L overprint?)
L	1084	1090		310	H,ED,	±1 weakly banded (±1 for top 0.2m)
L	1090	1138		311	4L,2,	±8 (4E8±1) ← 111.3–112.0 m tot S= 50–60% in lt grey qtz matrix
L	1138	1142		32	4G4	* v. weakly banded and uniformly dolomitic – no bxn, homogenous top of overprinted cycle ??? intrusion?? contacts are wasted.
L	1142	1234		33	4C,0,	(4E1) creme to "groth," grey, well banded good exhalative text – could be 4A13 overprinted by 4L – local 4E1 intervals from 116.6–117.1 and 117.5–117.6 4H at 119.8–119.9 interval intact with good recov. local 4L like inclusions to 3cm thick one 3cm thick SD* at 122.9

C.A.M.C. 1981 – E-3

DDH E.A.G.W.I.89-2-8 Cyprus Anvil Mining Corp. Page 9 of 10

Structural Log Date: Aug 24/82 Logged By: JG S/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		118	CIS12				410 230	
S		163	CIS12				610	
S		1127	1NIDP				610	
S		1180	CIS12				510	
S		1250	CIS12				615	
S		1352	CIS12				510	
S		1407	CIS12				610	
S		1472	CIS12				610	
S		1545	CIS12				410	
S		1625	1NIDP				715	
S		1667	CIS12				710	
S		1740	CIS12				615	
S		1770	1NIDP				710	
S		1825	CIS12				815	
S		1883	1NIDP				810	R band
S		1/1038	1NIDP				710	R band
S		1/1097	1NIDP				810	R band
S		1/1140	1NIDP				810	R band
S		1/1218	1NIDP				810	
								EOH 123.4

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

DDH FAGU-89-2 Cyprus Anvil Mining Corp Page 10 of 10

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	1564	1584	9016813	20	18	4E01	4
P	1584	1604	9016814	20	13	4AND	
P	1604	1610	9016815	06	06	4E44	D
P	1610	1625	9016816	15	15	5041*	
P	1829	1853	9016817	24	24	4E01	
P	1853	1875	9016818	22	20	4E01	
P	1875	1884	9016819	09	08	4E01	
P	1884	1899	9016910	15	15	4E19	
P	1899	1908	9016911	09	07	4E19	
P	1908	1930	9016912	21	19	4E01	(4CO) .7m
P	1930	1939	9016913	09	02	4C01	
P	1939	1954	9016914	15	15	4C01	
P	1954	1963	9016915	09	05	4C01	
P	1963	1978	9016916	15	15	4C01	
P	1978	1/1003	9016917	25	16	4C19	
P	1/1003	1/1018	9016918	15	14	4C01	D
P	1/1018	1/1036	9016919	18	17	4C01	
P	1/1036	1/1052	9017010	16	16	4C01	D
P	1/1052	1/1067	9017011	15	15	4C01	D
P	1/1067	1/1082	9017012	15	15	4C01	
P	1/1082	1/1097	9017013	15	15	4E01	
P	1/1128	1/1143	9017014	15	15	4C01	(4G4) .4m.

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

Metres!

FAULT

DDH FAGU-189 (2 / 8) Cyprus Anvil Mining Corp. Page ____ of ____

Structural Log Date: ____ Logged By: ____

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
F	10 1	14	NIP					No recovery
F	15	30	P12IB	4				0.7m/1.5m mod. broken
F	48	50	GI		919	9919		gouge upper 115₂, lower IND
F	14	158	2IB					mod. broken
F	158	162	1X1Q					crackle bxia — qtz-dolo healing unit
F		162	1IF					faulted contact between 4L2 & 5D4 30° C.A.
F	1258	1259	RI					rubble above fault zone
F	1259	1274	GIBIP	5				major fault — gouge & broken core
								0.8m/1.5m all IND
F	1274	1302	BIRIP	3				all broken & rubbly — no gouge
								0.9m/2.8
F	1320	1335	PI	2				0.4m/1.5m — no gouge
F	1356	1363	QI					0.7m qtz vein
F	1516 4	1518 8	X13IB					heavily broken & bxiated brittle bxa w/ buff dolo. matrix
F	1564	1594	PI	5				1.7m/3.0m — bad recovery, locally rubbly
F	161 1	1625	TIRI					mangled, broken, chippy & rubbly
F		1618	1IG					minor IND gouge — not major
F		1786	1IG					contact between 4C & 5A ind. w/ gouge
F	1786	1813	3IBI					badly broken, recovery OK
	1828	1923	X1QIB					crackle bxa, dolomitic matrix, badly broken w/ at least 80% recovery, locally sulph in sulph bxa & bxa development
F	1838	1873	2X1D					
	1923	1939	RIP	1				0.3m/1.6m rubble — probable fault

Metres

FAULT

DDH FAGU1.8.9 (2 / 8)

Cyprus Anvil Mining Corp.

Structural Log

Page _____ of _____

Date: _____ Logged By: _____

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
F	1954	1963	RBP	3				0.3m/0.9m = rubble & broken core — no gouge
F								

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

calcs checked Jan. 21/11 2C Calculations ✓

DIAMOND DRILL RECORD

LOGGED BY J. Paxton

PROPERTY GRUM JOINT VENTURE

LATITUDE 2N BEARING OF HOLE ~~S 61°35' E 044°~~ STARTED Sept 10/76

DEPARTURE 67W DIP OF HOLE ~~-43°30'~~ ~~-45°~~ COMPLETED Sept 12/76

ELEVATION _____ DIP TESTS None DEPTH Proposed: Ultimate: 137.4'

D.D.H. No. U-189 PAGE 1 of 5

CLAIM No. _____

N ← DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
0.0	15.7	Quartz Sericite Chlorite Phyllite (Sc) Dark grey-green color F1 destroyed Strong F2 at 45° Numerous irregular masses of quartz, up to 30 cm. No calcite. Gauge 11.9-49
15.7	17.0	Bleached Sericite (Sb) Occasional wisps of pyrite 16.5-16.5 Flecked with marcasite
17.0	17.5	Quartz Chlorite Phyllite (Sc) Augen texture of quartz (10 mm) separated by large flakes of dark green chlorite. Foliation at 45°

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
14.0/15.7												

LOGGED BY _____ D.D.H. NO. U-189 PAGE 2 of 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
17.5	18.8	Bleached Siliceous Phyllite (S_s) Pale cream color. Scattered 1-5 mm bands of sulphides (5% Py)													
18.8	20.6	Bleached Sericite Phyllite (Sb_m) Kaolinized phyllite with numerous flecks of green mineral													
20.6	25.9	Bleached Siliceous Phyllite (S_s) Scattered bands of pyrite (10%)													
25.9	27.4	Fault Gouge. Black graphitic													
27.4	36.6	Bleached Siliceous Phyllite (S_s) Similar to previous													
36.6	43.0	Quartz Sulphide with Graphite (P_G) P7 18.2													
		Contorted quartz sulphide and graphitic phyllite bands cut by F2 at 60°. Grades into graphitic phyllite toward end of section. P5 2	1.5/1.5	B398	36.6	38.1	1.5	0.04	0.10	4.11			0.14	Pb-Zn	
		P5 2	1.5/1.5	B399	38.1	39.6	1.5	0.04	0.05	3.09			0.09	"	
				WT. Av.	36.6	39.6	3.0	0.12	Pb-Zn						

LOGGED BY _____ D.D.H. NO. U-189 PAGE 3 of 5

Interval From	Interval To	DESCRIPTION	Py	Pb Z	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
43.0	46.0	Bleached Sericite Phyllite with Chlorite (S_c)															
		Pale green color. Earthy.															
		F_2 = 050°															
46.0	56.4	Quartz Sulphide with Graphite (P_c)															
		18.0 F_1 subparallel to F_2 at 50°															
		52.0 F_1 destroyed F_2 at 70°	15	1	1.2/1.2	B400	46.0	47.2	1.2	0.03	0.20	2.06			0.23	Pb Zn	
		53.5 F_1 0°-30° F_2 at 70°	15	2	1.6/1.6	B401	47.2	48.8	1.6	0.02	0.08	2.06			0.10	"	
			15	2	1.5/1.5	B402	48.8	50.3	1.5	0.05	0.20	3.09			0.25	"	
56.4	58.4	Massive Sulphide (M)	15	2	1.4/1.5	B403	50.3	51.8	1.5	0.05	0.15	3.09			0.20	"	
		Very fine grained. Numerous	10	1	1.4/1.5	B404	51.8	53.3	1.5	0.03	0.13	3.09			0.16	"	
		cracks and cavities filled with	15	2	1.3/1.6	B405	53.3	54.9	1.6	0.05	0.38	5.14			0.43	"	
		chert deposited by ground water.	10	Tr	1.0/1.5	B406	54.9	56.4	1.5	0.01	0.50	1.03			0.51	"	
			70	10	1.8/2.0	B407	56.4	58.4	2.0	2.65	5.40	32.23			5.30	10.80	64.46
58.4	60.4	Quartz Sulphide with Graphite (P_c)					↓	↓									
60.4	61.0	Massive Sulphide (M)	10	3	1.3/2.0	B408	(58.4) 58.4	(59.4) 60.4	(1.0) 2.0	1.18	3.40	21.26			1.18 / 2.36	3.20 / 6.80	21.26 / 42.52
		Similar to 56.4-58.4	70	10	0.6/0.6	B409	60.4	61.0	0.6	1.05	1.80	95.37	✓				
			Nil	?	1.5/1.5	B410	61.0	62.5	1.5	0.18	1.10	3.09	✓				
61.0	67.5	Bleached Sericite (Sb)															
		Grey-brown color. No Sulphide				WT.AV	46.0	56.4	10.4	0.27	Pb Zn						
		Assay for secondary zinc minerals				"	56.4 / 58.4	60.4 / 59.2	4.0 / 2.0	1.92 / 2.16	4.4 / 4.73	26.75 / 20.6			7.66 / 8.28	17.60 / 14.20	106.98 / 82.72

LOGGED BY _____ D.D.H. NO U-189 PAGE 4 of 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
62.5	72.2	Quartz Sericite Phyllite (S) Dark grey color, $F_2 = 80°$													
72.2	73.7	Bleached Quartz Sericite Phyllite (Sb) Several bands of massive pyrrhotite with some sphalerite		WT.A.	82.8	85.9	3.0	2.78	1.61	26.5	✓		8.33	4.83	79.61
				WT.A.	85.3	88.4	3.1	1.79	Pb Zn						
				"	88.4	93.9	5.4	3.06	"						
				"	93.9	97.8	3.9	1.21	"						
73.7	77.7	Quartz Sericite Phyllite (S) Dark grey color $F_2 = 80°$		"	97.8 (97.8)	105.2 (103.6)	7.4 (5.8)	2.67 (3.72)	1.99 (1.82)	85.98 (35.1)		-	19.77 (15.80)	14.75 (10.54)	192.23 (145.67)
				"	103.6	106.7	3.1	3.44	3.75	47.72			10.65	11.64	147.93
				"	108.2	112.8	4.6	1.02	Pb Zn						
77.7	78.6	Bleached Quartz Sericite Phyllite (Sb) Several bands of porous pyrite		"	114.3	123.4	9.1	0.41	"						
78.6	82.9 (82.4)	Quartz Graphite Phyllite (G) Black color Traces of pyrite $F_2 = 85°$ 10cm of breccia and gouge at contact													
82.4	91.0	Massive Sulphide (M) — P_y 80, Pb Zn 10	2.4/2.4	B411	82.9	85.3 (85.3)	2.4 (0.6)	3.20	1.80	29.14	✓		7.68	4.32	69.94
		Locally brecciated (MX$_M$) — 80, 10	2.0/2.2	B412	85.3	87.5 (85.9)	2.2	1.08	0.85	16.11			0.65 1.93	0.51 Pb Zn	9.67
		Much lost and ground core — 80, 10	0.8/1.8	B413	87.5	88.4	0.9	0.55	0.40	14.06			1.45	"	
		80, 10	1.5/1.5	B414	88.4	89.9	1.5	1.03	1.43	18.17			2.46	"	

LOGGED BY _____ D.D.H. NO U-189 PAGE 5 of 5

Interval From	Interval To	DESCRIPTION	Py	Pl	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
97.0	114.1	Massive Sulphide (MB)	80	10	0.7/0.9	B415	87.9	90.8	0.9	1.25	1.23	17.14			2.48	ptzn	
		Massive sulphide with streaky	80	10	1.9/2.1	B416	90.8	93.0	2.1	1.85	2.15	27.43			4.00	"	
		banding of chert, sphalerite	80	10	0.2/0.9	B417	93.0	93.9	0.9	1.05	1.43	12.00			2.48	"	
		and pyrite at 80° locally	80	10	1.5/1.5	B418	93.9	95.4	1.5	0.40	0.38	8.23			0.78	"	
		grades into bleached quartz sulphide	80	10	0.5/0.9	B419	95.4	96.3	0.9	0.53	0.85	5.14			1.38	"	
		Scattered blebs of magnetite	70	10	1.5/1.5	B420	96.3	97.8	1.5	0.55	0.48	6.17			1.53	"	
114.1	123.4	Bleached Quartz Sulphide (PSb)	60	12	1.6/2.5	B421	97.8	100.3	2.5	2.78	3.13	24.34			6.95	5.33	60.85
		Pale grey siliceous phyllite	60	12	1.4/1.5	B422	100.3	101.8	1.5	3.68	2.03	32.23			5.52	3.05	48.35
		with bands and streaks of	50	8	1.7/1.8	B423	101.8	103.6	1.8	1.85	1.20	20.23			3.33	2.16	36.41
		sulphide up to 20 cm.	70	12	1.6/1.6	B424	103.6	105.2	1.6	2.48	2.63	29.14		-	3.97	4.21	46.62
		Banding and foliation at 85°	70	15	1.5/1.5	B425	105.2	106.7	1.5	4.45	4.95	67.54			6.68	7.43	101.31
		Scattered blebs of chalcopyrite	50	8	1.5/1.5	B426	106.7	108.2	1.5	1.53	1.13	25.37	✓				
			70	12	1.5/1.5	B427	108.2	109.7	1.5	1.03	0.83	15.04			1.86	ptzn	
			70	15	1.6/1.6	B428	109.7	111.3	1.6	0.30	0.33	9.44			0.63	"	
			60	8	1.5/1.5	B429	111.3	112.8	1.5	0.25	0.35	9.44			0.60	"	
	123.4	End of hole	70	12	1.5/1.5	B430	112.8	114.3	1.5	2.03	2.65	36.34	✓				
			70	12	1.5/1.5	B431	114.3	115.8	1.5	0.38	0.45	7.20			0.83	"	
			30	6	1.5/1.5	B432	115.8	117.3	1.5	0.20	0.35	12.00			0.55	"	
			50	8	1.6/1.6	B433	117.3	118.9	1.6	0.10	0.20	5.14			0.30	"	
			30	6	1.5/1.5	B434	118.9	120.4	1.5	0.20	0.40	3.09			0.60	"	
			30	6	1.5/1.5	B435	120.4	121.9	1.5	0.05	0.05	1.03			0.10	"	
			30	6	1.5/1.5	B436	121.9	123.4	1.5	0.05	0.05	1.03			0.10	"	

DDH: FAGU189 -- 42 DEGREE PROFILE

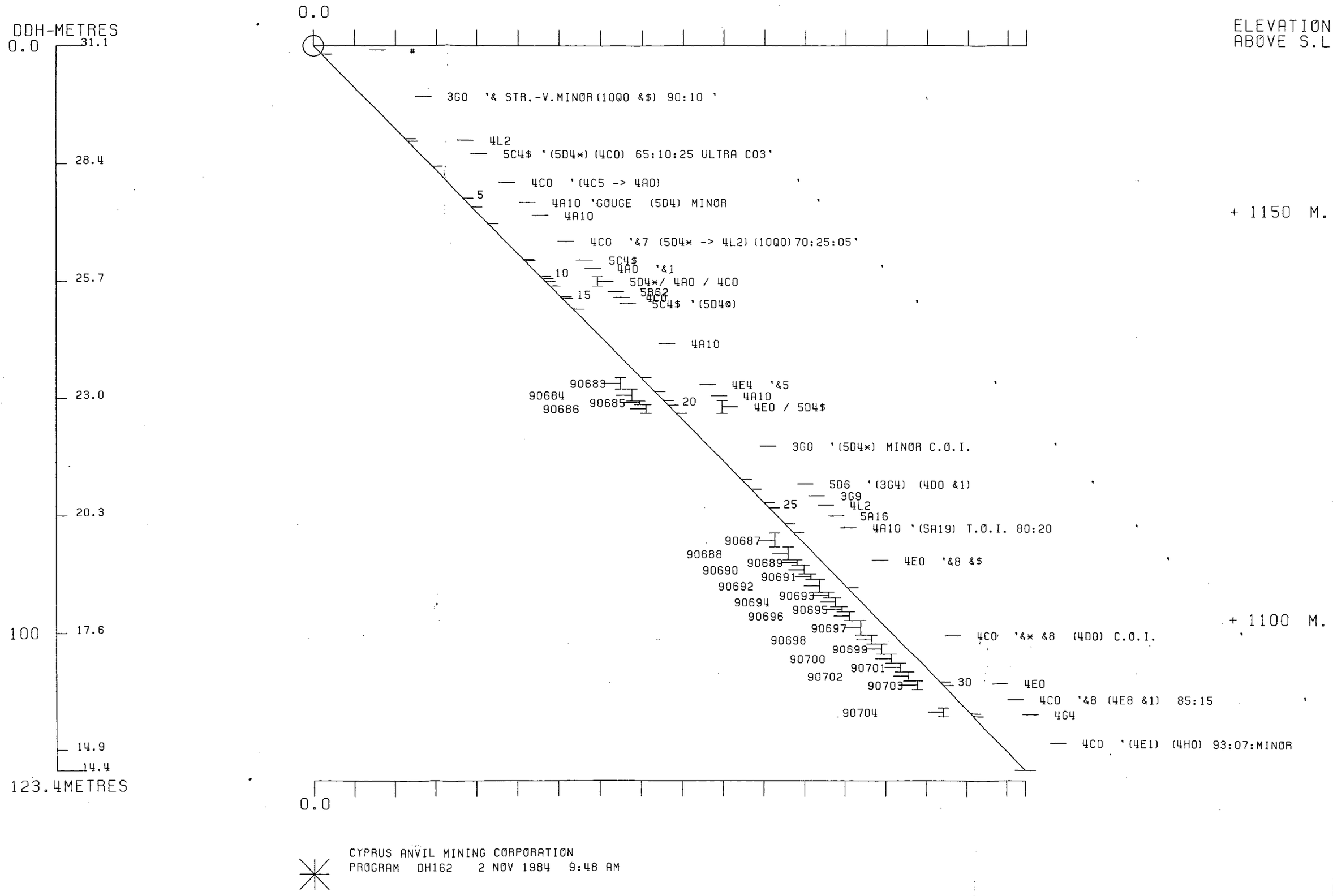
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1164 592425E ; 904814N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 448.5 Z = 1170.3

SECTION NAME: 66W



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 2 NOV 1984 9:48 AM

DDH: FAGU189 -- 42 DEGREE PROFILE

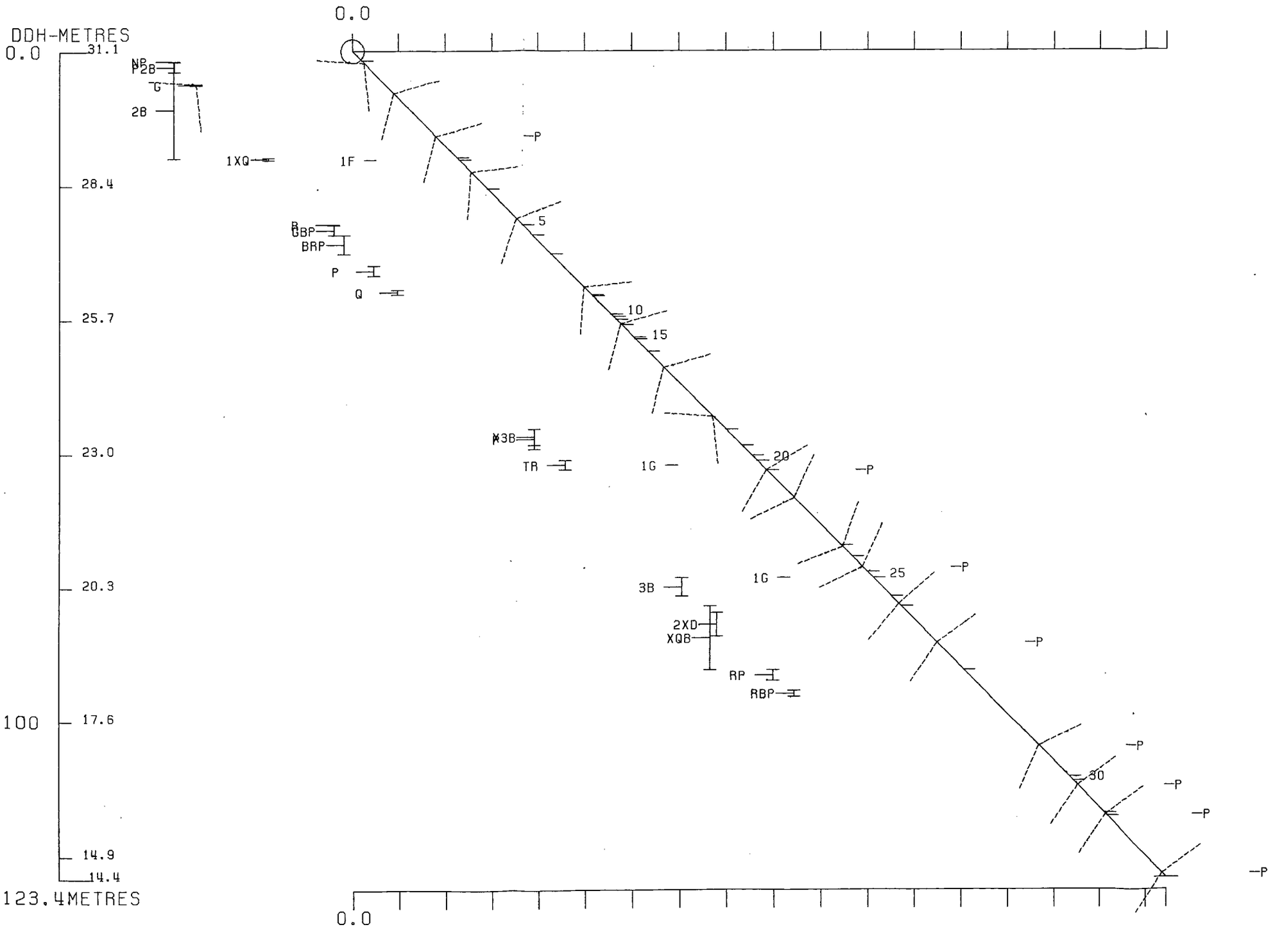
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1164 592425E ; 904814N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 448.5 Z = 1170.3

SECTION NAME: 66W



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 2 NOV 1984 9:45 AM