1 OF 3

GRUM
RE-LOG

Sec. 66W

015059

SECTION 66W

FAGA066

DDH	SAMPLE	----DEPTHS--- FROM	TO	INT M	REC %	ROCK UNIT	S.G.	CU %	PB %	ZN %	AG G/MT	AU G/MT	PO %	PY %	BAO %	PB+ZN %	PC+PY %	ZN RATIO
FAGA066	9421	51.2	52.6	1.4	100	4A0	3.04	.04	1.71	3.00	35.0	.27	3.98	6.50		4.71	10.48	.64
	9422	52.6	53.9	1.3	100	4A0	3.14	.09	1.37	3.00	32.0	.21	6.60	6.80		4.37	13.40	.69
	9423	61.7	63.4	1.7	100	4A0	3.20	.09	.95	2.30	23.0	.34	4.57	9.10		3.25	13.67	.71
	9424	64.4	66.4	2.0	100	4A4	3.24	.05	2.05	3.00	45.0	.55	2.70	6.20		5.05	8.90	.59
	9425	66.4	68.3	1.9	95	4A0	3.19	.08	1.17	3.10	25.0	.62	3.17	10.00		4.27	13.17	.73
	90155	68.3	70.0	1.7		4A4			2.10	4.44	23.3					6.54		.68
	9426	82.0	83.5	1.5	100	4E4	4.51	.07	4.90	9.50	79.0	.75	3.17	25.40		14.40	28.57	.66
	9427	83.5	85.0	1.5	100	4E4	4.61	.07	6.10	14.10	101.0	.96	3.21	25.40		20.20	28.61	.70
	9428	85.0	86.9	1.9	95	4D43	3.84	.12	5.90	7.90	81.0	1.03	1.21	14.70		13.80	15.91	.57
	9429	86.9	88.6	1.7	53	4A34	3.45	.18	5.20	5.00	83.0	1.37	1.06	20.60		10.20	21.66	.49
	90156	88.6	89.5	.9		4A34			5.63	5.52	61.4					11.15		.50
	9430	89.5	91.2	1.7	94	4A13	3.24	.12	.38	.93	16.0	.48	1.21	14.60		1.31	15.81	.71
	9431	91.2	93.0	1.8	72	4A13	3.02	.14	.46	1.07	18.0	.41	1.41	10.00		1.53	11.41	.70
	9432	93.0	93.3	.3	100	5C$	2.95	.03	.13	2.60	3.0	.27	5.44	3.18		2.73	8.62	.95
	9433	93.3	95.1	1.8	22	4A0	3.13	.10	.58	1.31	18.0	.41	1.94	12.00		1.89	13.94	.69
	9434	95.1	97.1	2.0	45	4A0	3.15	.10	1.00	1.00	25.0	.34	5.20	10.80		2.00	16.00	.50
	9435	97.1	98.6	1.5	67	4L12	3.12	.07	.35	3.50	10.0	.14	7.20	6.60		3.85	13.80	.91
	9436	98.6	100.1	1.5	60	4L12	3.01	.08	.46	1.68	11.0	.14	3.83	6.90		2.14	10.73	.79
	9437	100.1	101.9	1.8	50	4A0	2.99	.10	.21	.29	6.0	.55	.73	10.30		.50	11.03	.58
	9438	101.9	103.6	1.7	71	4A0	3.12	.09	.16	.48	10.0	.55	.93	11.60		.64	12.53	.75
	9439	103.6	104.9	1.3	92	4DEA4	3.52	.10	1.88	3.40	31.0	1.03	3.20	18.90		5.28	22.10	.64
	9440	104.9	106.2	1.3	100	4DEA4	3.59	.23	5.00	7.10	68.0	1.17	1.96	17.00		12.10	18.96	.59
	90157	106.2	107.2	1.0		4DEA4			4.65	5.82	54.4					10.47		.56
	9441	107.2	107.8	.6	100	4AE	3.37	.14	.30	1.24	22.0	.55	1.86	18.70		1.54	20.56	.81
	5341	107.8	109.7	1.9	47	4AE	2.83	.06	.27	.48	8.0	.41				.75		.64
	5342	109.7	112.8	3.1	48	4A0	2.98	.09	.16	.28	7.0	.34				.44		.64
	5343	112.8	115.8	3.0	80	4A0	3.01	.10	.33	.71	14.0	.34				1.04		.68
	5344	115.8	118.9	3.1	29	4A0	3.21	.18	.91	.41	20.0	.62				1.32		.31
	5345	118.9	121.9	3.0	80	4A0	3.35	.15	.37	.44	12.0	.82				.81		.54
	5346	121.9	125.0	3.1	97	4A0	3.13	.15	.13	.28	8.0	.55				.41		.68
	5347	125.0	128.0	3.0	100	4A0	3.17	.29	.08	.77	14.0	.55				.85		.91
	5348	128.0	131.0	3.0	100	4A0	3.30	.44	.13	.53	17.0	.55				.66		.80
	5349	131.0	134.1	3.1	100	4A0	2.93	.28	.15	.59	14.0	.34				.74		.80
	5350	134.1	137.2	3.1	97	4AE	2.92	.16	.15	.84	9.0	.41				.99		.85
	5351	137.2	138.7	1.5	100	4A0	2.93	.24	.05	1.01	8.0	.34				1.06		.95
	9442	138.7	140.2	1.5	100	4A0	3.08	.05	.05	3.40	8.0	.07	5.50	6.20		3.45	11.70	.99
	5352	140.2	143.3	3.1	97	4A0	2.85	.06	.05	.61	3.0	.27				.66		.92
	9443	143.3	144.8	1.5	100	4A0		.07	.06	.38	6.0					.44		.86
	5353	144.8	147.8	3.0	100	4A0	2.89	.12	.06	.77	4.0	.34				.83		.93
	5354	147.8	149.4	1.6	94	4C0	3.03	.12	.07	.10	4.0	.34				.17		.59
	5355	149.4	152.4	3.0	87	4A0	2.82	.22	.04	.42	7.0	.34				.46		.91
	5356	152.4	155.4	3.0	70	4A0	2.86	.10	.01	.40	3.0	.34				.41		.98
	9444	155.4	156.4	1.0	90	4EA4	3.66	.13	7.20	9.70	128.0	1.71	1.60	16.70		16.90	18.30	.57
	90158	156.4	158.2	1.8		4E#4			1.75	3.00	25.4					4.75		.63
	90159	158.2	159.6	1.4		4E#4			5.70	7.20	72.7					12.90		.56
	9445	159.6	160.3	.7	86	4E#4	4.21	.27	5.30	6.80	101.0	2.12	1.76	29.00		12.10	30.76	.56
	9446	162.0	162.9	.9	100	4E1	4.11	.10	2.60	2.50	42.0	1.17	1.32	32.60		5.10	33.92	.49

DDH	SAMPLE	ROCK UNIT	NORMATIVE MINERALS - WEIGHT % CPY	GA	SP	PO	PY	BAR	OTHER	*	NORMATIVE MINERALS - VOLUME % CPY	GA	SP	PO	PY	BAR	OTHER
FAGAC66	9421	4A0	.12	1.97	4.47	6.26	13.98		73.20	*	.09	.82	3.47	4.23	8.69		82.71
	9422	4A0	.26	1.58	4.47	10.38	14.62		68.68	*	.20	.67	3.54	7.15	9.27		79.17
	9423	4A0	.26	1.10	3.43	7.19	19.57		68.46	*	.20	.47	2.73	4.97	12.45		79.19
	9424	4A4	.14	2.37	4.47	4.25	13.33		75.44	*	.11	.97	3.44	2.84	8.21		84.43
	9425	4A0	.23	1.35	4.62	4.99	21.51		67.31	*	.18	.58	3.70	3.47	13.76		78.32
	9C155	4A4		2.43	6.62				90.96	*							
	9426	4E4	.20	5.66	14.16	4.99	54.62		20.37	*	.20	3.18	14.90	4.56	45.98		31.17
	9427	4E4	.20	7.04	21.02	5.05	54.62		12.06	*	.21	4.15	23.20	4.85	48.23		19.36
	9428	4D43	.35	6.81	11.78	1.90	31.61		47.55	*	.30	3.25	10.53	1.48	22.61		61.83
	9429	4A34	.52	6.01	7.45	1.67	44.30		40.05	*	.47	3.01	7.01	1.36	33.34		54.81
	9C156	4A34		6.50	8.23				85.27	*							
	9430	4A13	.35	.44	1.39	1.90	31.40		64.53	*	.27	.19	1.13	1.35	20.49		76.57
	9431	4A13	.40	.53	1.60	2.22	21.51		73.75	*	.30	.22	1.24	1.50	13.37		83.37
	9432	5C$	.09	.15	3.88	8.56	6.84		80.49	*	.06	.06	2.89	5.55	4.08		87.35
	9433	4A0	.29	.67	1.95	3.05	25.81		68.23	*	.22	.29	1.56	2.12	16.50		79.31
	9434	4A0	.29	1.15	1.49	8.18	23.23		65.66	*	.22	.50	1.21	5.75	15.03		77.28
	9435	4L12	.20	.40	5.22	11.32	14.19		68.66	*	.15	.17	4.12	7.77	8.96		78.83
	9436	4L12	.23	.53	2.50	6.02	14.84		75.87	*	.17	.22	1.92	4.01	9.10		84.58
	9437	4A0	.29	.24	.43	1.15	22.15		75.74	*	.21	.10	.33	.77	13.66		84.92
	9438	4A0	.26	.18	.72	1.46	24.95		72.43	*	.19	.08	.56	1.00	15.63		82.54
	9439	4DEA4	.29	2.17	5.07	5.03	40.64		46.79	*	.25	1.04	4.55	3.93	29.17		61.07
	944C	4DEA4	.66	5.77	10.58	3.08	36.56		43.34	*	.58	2.82	9.69	2.45	26.77		57.69
	9C157	4DEA4		5.37	8.68				85.95	*							
	9441	4AE	.40	.35	1.85	2.93	40.21		54.26	*	.33	.16	1.59	2.19	27.72		68.00
	5341	4AE	.17	.31	.72				98.80	*							
	5342	4A0	.26	.18	.42				99.14	*							
	5343	4A0	.29	.38	1.06				98.27	*							
	5344	4A0	.52	1.05	.61				97.82	*							
	5345	4A0	.43	.43	.66				98.48	*							
	5346	4A0	.43	.15	.42				99.00	*							
	5347	4A0	.84	.09	1.15				97.92	*							
	5348	4A0	1.27	.15	.79				97.79	*							
	5349	4A0	.81	.17	.88				98.14	*							
	535C	4AE	.46	.17	1.25				98.11	*							
	5351	4A0	.69	.06	1.51				97.74	*							
	9442	4A0	.14	.06	5.07	8.65	13.33		72.75	*	.11	.02	3.92	5.82	8.25		81.87
	5352	4A0	.17	.06	.91				98.86	*							
	9443	4A0	.20	.07	.57				99.16	*							
	5353	4A0	.35	.07	1.15				98.44	*							
	5354	4C0	.35	.08	.15				99.42	*							
	5355	4A0	.64	.05	.63				98.69	*							
	5356	4A0	.29	.01	.60				99.10	*							
	9444	4EA4	.38	8.32	14.46	2.52	35.91		38.42	*	.34	4.18	13.64	2.06	27.09		52.69
	90158	4E#4		2.02	4.47				93.51	*							
	90159	4E#4		6.58	10.73				82.68	*							
	9445	4E#4	.78	6.12	10.14	2.77	62.36		17.83	*	.80	3.53	10.97	2.61	54.01		28.07
	9446	4E1	.29	3.00	3.73	2.08	70.11		20.80	*	.29	1.71	3.98	1.93	59.83		32.27

DRILL HOLE : FAGA066
NORTHING : 904,785.8
EASTING : 592,440.4
ELEVATION : 1,276.9
TOTAL DEPTH : 182.9
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: 47
NOS DOWN-H-SURVEYS: 4
NOS DOWN-H-LITHOLOGY: 35
NOS DOWN-H-STRUCTURE: 40
NOS DOWN-H-FAULTS: 15
NOS DOWN-H-SPLINES: 4
NOS COMPOSITES: 0

DDH: FAGA066 UTM-N: 904,785.8 UTM-E: 592,440.4 UTM-ELEV: 1,276.9 TOTAL DEPTH: 182.9 SECTION: W 66
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 OHD 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.
51.2	52.6	09421	1.4	1.4	4A0	3.04	.04	1.71	3.00	35.00		.27	3	6	10						
52.6	53.9	09422	1.3	1.3	4A0	3.14	.09	1.37	3.00	32.00		.21	6	6	13						
61.7	63.4	09423	1.7	1.7	4A0	3.20	.09	.95	2.30	23.00		.34	4	9	13						
64.4	66.4	09424	2.0	2.0	4A4	3.24	.05	2.05	3.00	45.00		.55	2	6	8						
66.4	68.3	09425	1.9	1.8	4A0	3.19	.08	1.17	3.10	25.00		.62	3	10	13						
68.3	70.0	90155	1.7	.0	4A4			2.10	4.44	23.30											
82.0	83.5	09426	1.5	1.5	4E4	4.51	.07	4.90	9.50	79.00		.75	3	25	28						
83.5	85.0	09427	1.5	1.5	4E4	4.61	.07	6.10	14.10	101.00		.96	3	25	28						
85.0	86.9	09428	1.9	1.8	4D43	3.84	.12	5.90	7.90	81.00		1.03	1	14	15						
86.9	88.6	09429	1.7	.9	4A34	3.45	.18	5.20	5.00	83.00		1.37	1	20	21						
88.6	89.5	90156	.9	.0	4A34			5.63	5.52	61.40											
89.5	91.2	09430	1.7	1.6	4A13	3.24	.12	.38	.93	16.00		.48	1	14	15						
91.2	93.0	09431	1.8	1.3	4A13	3.02	.14	.46	1.07	18.00		.41	1	10	11						
93.0	93.3	09432	.3	.3	5C$	2.95	.03	.13	2.60	3.00	6.00	.27	5	3	8						
93.3	95.1	09433	1.8	.4	4A0	3.13	.10	.58	1.31	18.00		.41	1	12	13						
95.1	97.1	09434	2.0	.9	4A0	3.15	.10	1.00	1.00	25.00		.34	5	10	16						
97.1	98.6	09435	1.5	1.0	4L12	3.12	.07	.35	3.50	10.00		.14	7	6	13						
98.6	100.1	09436	1.5	.9	4L12	3.01	.08	.46	1.68	11.00		.14	3	6	10						
100.1	101.9	09437	1.8	.9	4A0	2.99	.10	.21	.29	6.00		.55		10	11						
101.9	103.6	09438	1.7	1.2	4A0	3.12	.09	.16	.48	10.00		.55		11	12						
103.6	104.9	09439	1.3	1.2	4DEA4	3.52	.10	1.88	3.40	31.00		1.03	3	18	22						
104.9	106.2	09440	1.3	1.3	4DEA4	3.59	.23	5.00	7.10	68.00		1.17	1	17	18						
106.2	107.2	90157	1.0	.0	4DEA4			4.65	5.82	54.40											
107.2	107.8	09441	.6	.6	4AE	3.37	.14	.30	1.24	22.00		.55	1	18	20						
107.8	109.7	05341	1.9	.9	4AE	2.83	.06	.27	.48	8.00		.41									
109.7	112.8	05342	3.1	1.5	4A0	2.98	.09	.16	.28	7.00		.34									
112.8	115.8	05343	3.0	2.4	4A0	3.01	.10	.33	.71	14.00		.34									
115.8	118.9	05344	3.1	.9	4A0	3.21	.18	.91	.41	20.00		.62									
118.9	121.9	05345	3.0	2.4	4A0	3.35	.15	.37	.44	12.00		.82									
121.9	125.0	05346	3.1	3.0	4A0	3.13	.15	.13	.28	8.00		.55									
125.0	128.0	05347	3.0	3.0	4A0	3.17	.29	.08	.77	14.00		.55									
128.0	131.0	05348	3.0	3.0	4A0	3.30	.44	.13	.53	17.00		.55									
131.0	134.1	05349	3.1	3.1	4A0	2.93	.28	.15	.59	14.00		.34									
134.1	137.2	05350	3.1	3.0	4AE	2.92	.16	.15	.84	9.00		.41									
137.2	138.7	05351	1.5	1.5	4A0	2.93	.24	.05	1.01	8.00		.34									
138.7	140.2	09442	1.5	1.5	4A0	3.08	.05	.05	3.40	8.00		.07	5	6	11						
140.2	143.3	05352	3.1	3.0	4A0	2.85	.06	.05	.61	3.00		.27									
143.3	144.8	09443	1.5	1.5	4A0		.07	.06	.38	6.00											
144.8	147.8	05353	3.0	3.0	4A0	2.89	.12	.06	.77	4.00		.34									
147.8	149.4	05354	1.6	1.5	4C0	3.03	.12	.07	.10	4.00		.34									
149.4	152.4	05355	3.0	2.6	4A0	2.82	.22	.04	.42	7.00		.34									
152.4	155.4	05356	3.0	2.1	4A0	2.86	.10	.01	.40	3.00		.34									
155.4	156.4	09444	1.0	.9	4EA4	3.66	.13	7.20	9.70	128.00	126.00	1.71	1	16	18						
156.4	158.2	90158	1.8	.0	4E#4			1.75	3.00	25.40											
158.2	159.6	90159	1.4	.0	4E#4			5.70	7.20	72.70											
159.6	160.3	09445	.7	.6	4E#4	4.21	.27	5.30	6.80	101.00		2.12	1	29	30						
162.0	162.9	09446	.9	.9	4E1	4.11	.10	2.60	2.50	42.00		1.17	1	32	33						

WEIGHTED AVERAGE

51.2	53.9	2.7	2.7	3.08	.06	1.54	3.00	33.55	.24	5	6	11

DDH: FAGA066 UTM-N: 904,785.8 UTM-E: 592,440.4 UTM-ELEV: 1,276.9 TOTAL DEPTH: 182.9 SECTION: W 66
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DEPTHS FROM	DEPTHS TO	SAMPLE NO.	INT.	REC.	ROCK UNIT	ASSAYS S.G. PULP	CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
61.7	63.4		1.7	1.7		3.20	.09	.95	2.30	23.00		.34	4	9	13						
64.4	70.0		5.6	3.8		2.23	.04	1.76	3.47	31.62		.40	2	5	7						
82.0	160.3		78.3	58.7		2.90	.13	1.18	2.06	23.26	1.63	.48		4	5						
162.0	162.9		.9	.9		4.11	.10	2.60	2.50	42.00		1.17	1	32	33						

DDH: FAGA066 UTM-N: 904,785.8 UTM-E: 592,440.4 UTM-ELEV: 1,276.9 TOTAL DEPTH: 182.9 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
57.900	178.000	110.300
115.800	178.000	94.000
176.800	170.000	103.600

DDH: FAGA066 UTM-N: 904,785.8 UTM-E: 592,440.4 UTM-ELEV: 1,276.9 TOTAL DEPTH: 182.9 SECTION: W 66
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
45.1	0001	#		0.5-	1
48.2	0002	5B6		0.5-	1
49.4	0003	4L0		0.5-	1
51.2	0004	5B6		0.5-	1
53.9	0005	4A0	[4A1 + 3G12]	0.5-	1
61.7	0006	5B6		0.5-	1
63.1	0007	4A0	[4A1 &3 &4 + 3G12]	0.5-	1
64.4	0008	5B6	-> 4L0	0.5-	1
69.6	0009	4A0	[4A1 &3 &4 + 3G12]	0.5-	1
78.6	0010	4L0	-> 4L3 (5B6) MINOR	0.5-	1
79.6	0011	4L0		0.5-	1
82.0	0012	10QC	(5B6) 80:20	0.5-	1
85.0	0013	4E4	&1 (4E0) (4E64)	0.5-	1
86.9	0014	4D43	(4A14)	0.5-	1
89.5	0015	4A43	&1 SOME NO CORE	0.5-	1
93.0	0016	4A0	[4A13 + 3G12]	0.5-	1
93.3	0017	5C$		0.5-	1
97.1	0018	4AC	[4A1 &3 + 3G12]	0.5-	1
100.1	0019	4L1	&2 (5C@)	0.5-	1
103.6	0020	4A0	[4A1 &3 + 3G12]	0.5-	1
107.2	0021	4D4	(4E4) (4A1) BXA	0.5-	1
109.1	0022	4A0	-> 4E BXA	0.5-	1
135.5	0023	4A0	[4A13]	0.5-	1
137.6	0024	4A0	(4E0) BXA	0.5-	1
147.8	0025	4A0	[4A13 + 3G12]	0.5-	1
149.4	0026	4C0	SERICITIC	0.5-	1
155.6	0027	4A0	[4A13 + 3G12]	0.5-	1
157.3	0028	4E41	(4A13 &4) 70:30	0.5-	1
160.2	0029	4E4#		0.5-	1
162.0	0030	5B6		0.5-	1
162.9	0031	4E1		0.5-	1
164.6	0032	5A6		0.5-	1
175.3	0033	5B6	[3G0]	0.5-	1
176.6	0034	5B64	(4L17 &4) 60:40	0.5-	1
182.9	0035	5B6	-> 5B62 [3G]	0.5-	1

DDH: FAGA066 UTM-N: 904,785.8 UTM-E: 592,440.4 UTM-ELEV: 1,276.9 TOTAL DEPTH: 182.9 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 CDE	DHDC	SDC	PRCCESS
FAGA066	0.0	45.1	CS2		0	0	0	0	60	230	C	1	1	1
FAGA066	0.0	50.0	CS2		0	0	0	C	76	230	C	1	1	1
FAGA066	45.1	51.5	CS2	S	0	0	0	C	0	0	C	1	1	1
FAGA066	0.0	55.5	CS2		0	0	0	C	60	230	C	1	1	1
FAGA066	0.0	59.4	CS2		0	0	0	C	61	230	C	1	1	1
FAGA066	0.0	64.0	CS2		0	0	0	0	60	230	C	1	1	1
FAGA066	0.0	66.8	CS2		0	0	0	C	58	230	C	1	1	1
FAGA066	51.5	68.1	CS2	Z	0	0	0	C	0	0	C	1	1	1
FAGA066	0.0	70.7	PS2		0	0	0	C	63	230	C	1	1	1
FAGA066	0.0	76.8	PS2		0	0	0	C	65	230	C	1	1	1
FAGA066	0.0	82.8	PS2		0	0	0	C	63	230	C	1	1	1
FAGA066	0.0	86.3	PS2		0	0	0	C	50	230	C	1	1	1
FAGA066	0.0	90.2	PS2		0	0	0	0	58	230	C	1	1	1
FAGA066	0.0	95.4	CS2		0	0	0	0	60	230	C	1	1	1
FAGA066	0.0	100.3	PS2		0	0	0	C	80	230	C	1	1	1
FAGA066	70.0	103.2	PS2	P	0	0	0	0	0	0	C	1	1	1
FAGA066	0.0	109.1	CS2		0	0	0	C	76	230	C	1	1	1
FAGA066	0.0	113.7	CS2		0	0	0	C	71	230	C	1	1	1
FAGA066	0.0	118.6	CS2		0	0	0	0	58	230	C	1	1	1
FAGA066	0.0	122.8	CS2		0	0	0	C	64	230	C	1	1	1
FAGA066	0.0	127.4	CS2		0	0	0	0	53	230	C	1	1	1
FAGA066	109.1	131.7	CS2	Z	0	0	0	C	0	0	C	1	1	1
FAGA066	0.0	131.7	CS2		0	0	0	C	54	230	C	1	1	1
FAGA066	131.7	134.1	CS2	S	0	0	0	0	0	0	C	1	1	1
FAGA066	0.0	137.8	CS2		0	0	0	C	74	230	C	1	1	1
FAGA066	134.1	143.3	CS2	Z	0	0	0	C	0	0	C	1	1	1
FAGA066	0.0	143.3	CS2		0	0	0	0	72	230	C	1	1	1
FAGA066	0.0	148.1	CS2		C	0	0	0	63	230	C	1	1	1
FAGA066	143.3	150.0	CS2	S	0	0	0	0	0	0	C	1	1	1
FAGA066	0.0	152.1	CS2		0	0	0	0	65	230	C	1	1	1
FAGA066	150.0	155.5	CS2	Z	C	0	0	C	0	0	C	1	1	1
FAGA066	0.0	156.1	PS2		0	0	0	C	74	230	C	1	1	1
FAGA066	155.5	160.3	PS2	P	C	0	0	0	0	0	C	1	1	1
FAGA066	0.0	160.6	CS2		C	0	0	C	79	230	C	1	1	1
FAGA066	0.0	167.0	CS2		0	0	0	C	68	230	C	1	1	1
FAGA066	0.0	173.1	CS2		0	0	0	0	75	230	C	1	1	1
FAGA066	160.3	177.2	CS2	Z	0	0	0	C	0	0	C	1	1	1
FAGA066	0.0	177.2	CS2		0	0	0	C	90	230	C	1	1	1
FAGA066	0.0	182.9	PS2		0	0	0	0	80	230	C	1	1	1
FAGA066	177.2	182.9	PS2	P	C	0	0	C	0	0	C	1	1	1

DDH: FAGA066 UTM-N: 904,785.8 UTM-E: 592,440.4 UTM-ELEV: 1,276.9 TOTAL DEPTH: 182.9 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
FAGA066	63.3	63.7	RG		0	0	0	0	0	0	1
FAGA066	68.1	69.9	NNN		0	0	0	0	0	0	1
FAGA066	64.3	70.0	2R		0	0	0	0	0	0	1
FAGA066	70.0	78.6	1SG		0	0	0	0	0	0	1
FAGA066	78.6	79.5	G		0	0	0	0	0	0	1
FAGA066	88.5	89.4	NNN		0	0	0	0	0	0	1
FAGA066	92.9	93.0	G		0	0	0	0	0	0	1
FAGA066	93.2	94.0	RP		0	0	0	0	0	0	1
FAGA066	106.2	107.1	NNN		0	0	0	0	0	0	1
FAGA066	103.1	109.1	D		0	0	0	0	0	0	1
FAGA066	108.2	109.1	2GR		0	0	0	0	0	0	1
FAGA066	109.1	135.4	2TR		0	0	0	0	0	0	1
FAGA066	135.4	137.5	D?		0	0	0	0	0	0	1
FAGA066	149.3	155.5	T?		0	0	0	0	0	0	1
FAGA066	156.3	159.6	NNN		0	0	0	0	0	0	1

DDH: FAGA066 UTM-N: 904,785.8 UTM-E: 592,440.4 UTM-ELEV: 1,276.9 TOTAL DEPTH: 182.9 SECTION: W 66
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGA066	1	2
FAGA066	2	2
FAGA066	3	2
FAGA066	4	1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 75-A066

Project: GRUM RELOG

Location: VANGORDA PLAT.

Claim: _____

UTM Terr. Plane Co-ords.: 6,904,785.8 N

1979 HIw Orthophoto Survey 592,440.4 E

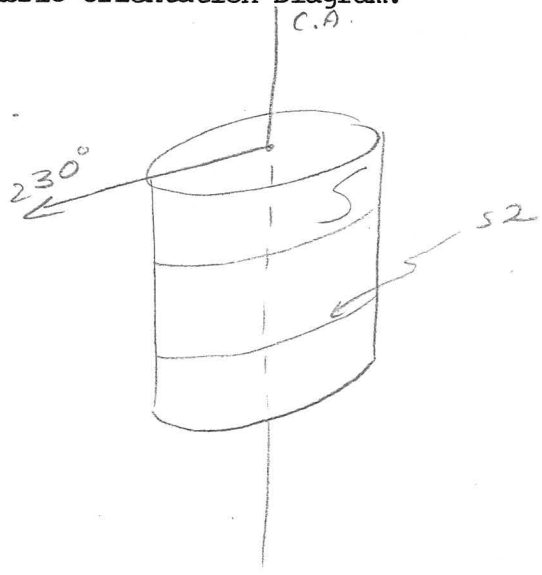
Grid Co-ords.: 66W/2N

~~1276.9~~

Elevation: 1276.92

Total Depth: 600.0 ft.

Fabric Orientation Diagram:



All symmetry determinations looking

NW with S2 dipping

SW with dip azimuth 230°.

Purpose: _____

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

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

_____ _____ _____

_____ _____ _____

_____ _____ _____

Started: 25/4/75 Completed: 29/4/75

66W

Cyprus Anvil Mining Corp.

Diamond Drill Core Log

DDH 75-A066

2 8

Code	Drillhole	Elevation	Northing	Easting	Comments
1	2 8	10 16	17 24	25 32	34 48
T	75-A066	12761.9	9047885.8	5924404.4	FEET

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2 8	10 14	22 26	28 32	34 56
R	75-A066	0 0	180.0	0.0	ATCOLLAR
R	75-A066	190.0	178.0	110.3	TROPARI
R	75-A066	380.0	178.0	94.0	
R	75-A066	580.0	170.0	103.6	
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 75-A-066 (2 / 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Logged By: DTH

Code	From ft.	To ft.	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
L	1110	11418 0	11	1 #	0/B ; granitic boulders cored.
L	11418 0	11518 0	12	5B16	
L	11518 0	11620	13	4K10	
L	11620	11618 0	14	5B16	as unit 2
L	11618 0	11770	15	4AA1	+(3G12-FINELY INTERBANDED) + C-PARTINGS
L	11770	12012 4	16	5B16	weakly altered in places.
L	12012 4	~~12100~~ 12080	17	4AA1	±3±4 +(3G12 - FINELY INTERBANDED) + C-PARTINGS.
L	~~12080~~ 12070	12111 2	18	5B16	→ 4L0 locally → TOWARD F/W ; ~~V. MODERATE 4A~~ ; 208.0-209.0 - COARSE RUBBLE + GOUGE - POSS FAULT
L	12111 2	~~12218 5~~ 12237	19	4AA0	→1±3±4 +(3G12 - FINELY INTERBANDED) + C-PARTINGS (AS UNIT #7) 50% = RUBBLE IN CORE BOX;
L	~~12218 5~~ 12237	12518 0	110	4L10	→ 4L3? ; minor 5B6 ; local shear zones w/ minor gouge.
L	12518 0	12161 0	11	4L10	fault? gouge.
L	12161 0	12169 0	12	01Q10	w/ 20% 5B6
L	12169 0	12179 0	13	4E14	±1 +(4E0) + (4E64 @ 270.5-271.5)
L	12179 0	12815 0	14	~~4DD~~ 4D4	→ ~40% tot. sdcs (decreasing along int.) ; grad. cts. + (4AA14)
L	12815 0	12913 5	15	4AA4	3/±1 ; 280.6-293.5 - WHOLE CORE REMOVED FOR MET. TEST.
L	12913 5	13105 0	16	4AA0	→ 4AA13 + (3G12 - FINELY INTERBANDED) + C-PARTINGS.
L	13105 0	13106 0	17	4K10	→ 5C*-DOLO+2%? maripositе ↔ {305.0-305.2 = GOUGE (CONTACTS?) 305.2-305.7 = 5C* 305.7-306.0 = 10Q0 11S2 / COARSE RUBBLE & POOR REC
L	13106 0	13185	18	~~4AA0~~	→ 4A1±3 +(3G12 - FINELY INTERBANDED) - 100% = COARSE RUBBLE & POOR REC
L	13185	13285	19	~~4E10~~	→ 4L1±2 or ~~4L12~~? ; minor 5C*-ANK ~~5D4~~ (maripositе) 5→5cm @ 320.3'
L	13285	13410 0	20	4AA0	→ 4AA13 + (3G12 - FINELY INTERBANDED) ~~bxia 339-340.0~~ → H/W CONTACT 11S2
L	13410 0	13511 7	211	4D1A	4EA, 4D4, 4A1 bxia frags in a GENERALLY 4D4 sde matrix ; 348.5-351.7 = WHOLE CORE MISSING (MET TEST)
L	13511 7	13518 0	212	4A1	bxia → 4E1, 4A1±3, 3G12 CLASTS IN CLOSED 4A1 MATRIX ; 355-358 = 60% GOUGE + FINE RUBBLE
L	13518 0	14145	213	~~4AA0~~	→ 4AA13 + C-PARTINGS + (minor phyllite partings) w/ v. minor 4E bands ; ~10-15% tot. sdcs (pg) overall ; 30% AS SLATEY RUBBLE IN CORE BOX
L	14145	14151 4	214	4AA0	+ (4E0) bxia. zone ~11S2 - PROB DOES NOT REPRESENT ANY SIGNIFICANT FAULTING ;
L	14151 4	14185 0	215	~~4AA0~~	→ 4AA13 + (3G12 - FINELY INTERBANDED - FORMS 10-60% OF UNIT) ~5-10% tot. sdcs.
L	14850	14900	216	4C10	+SERICITIC " " " ; APPEARS TO BE AS UNIT 25 BUT HIGHLY SILICIFIED WITH SERICITIC RATHER THAN C-PARTINGS
L	14900	15104	217	~~4AA0~~	SLATEY FINE RUBBLE ~~bxia~~ zone 504.8-507.5 ~~4AA13 + (3G12 - FINELY INTERBANDED)~~
L	15104	15160	28	4E14	70:30 4E41: ~~4AA0~~ 4A13±4 } 513.0-523.7 - WHOLE CORE MISSING
L	15160	15258	29	4E14	* CALC
L	15258	15314	310	5B16	
L	15314	15345	31	4E1	
L	15345	15410 0	32	5A16	
L	15410 0	15750	33	5B16	360?

NOTE - LOST WATER AT 422.0ft (IN RUBBLE ZONE)

DDH 75-A066

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	15175	15195	314	~~4K10~~ → 5B64 ~~4L24~~	loc. + (4L17 ±4 @ 576.0 - 578.5)
L	15795	16010	315	5B16	→ 5B62 ; 36?
		EOH			

DDH 75-A066 (2 / 8)

Cyprus Anvil Mining Corp.
Structural Log

Logged By: DJH

Code	From ft.	To ft.	Feature	Sym	S_1 Dip Direct.	S_2 Dip Direct.	Description
1	10 14	16 20	22 24	26	28 32	34 38	
							°/B 0-148
S	1/1480	C1S12				610 2310	S region 148-169
S	1/1640	C1S12				716 2310	
S	1/1690	1F12	E				Z region 169-223.5
S	1/1820	C1S12				610 2310	
S	1/1950	C1S12				611 2310	
S	121/00	C1S12				610 2310	
S	121/90	C1S12				518 2310	
S	12135	1F12	Z				No core 223.5-229.5
S	12320	PS12				613 2310	PS2 region 229.5-269.0
S	12520	PS12				615 2310	
S	12690	1F12	R				R region 269.0-338.5 ft.
S	1271/5	1S12				613 2310	
S	12813 0	1S12				510 2310	
S	12960	1S12				518 2310	
S	131/30	C1S12				610 2310	- S sym
S	13290	1S12				810 2310	
S	13385	1F12	R				Post D2 Bxia. zone 338.5-358.0
							- no sym, no S2 measured.
S	13580	C1S12				716 2310	Z region 358.0-432.0
S	13730	C1S12				711 2310	
S	13890	C1S12				518 2310	
S	14030	C1S12				614 2310	
S	141/80	C1S12				513 2310	
S	14320	1F12	3			514 2310	S region 432.0-440.0
S	14410	1F12	E				Z region 440.0-470.0
S	14520	C1S12				714 2310	
S	14700	1F12	3			712 2310	S region 470.0-492.0
S	14860	C1S12				613 2310	
S	14920		E				Z region 492.0-510.3
S	14990	C1S12				615 2310	
S	151/03	1F12	Z				R region 510.3-526
S	151/20	1S12				714 2310	
S	15260	1F12	R				Z region 526.0-581.4
S	15270	C1S12				719 2310	
S	15480	C1S12				618 2310	

DDH 75-A066 (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		515680	CS12			715 2310	
S		518114	FZ2			910 2310	PS2 region 581.4-600
S		610100	PS12			810 2310	
		EOH					

DDH 75-A-066 (2 / 8)

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

Logged By: DJH

Sampled By: K.A & C.A.

Code	From	To	Sample No.	Description			
1	10 14	16 20	22 27		Length	Rec.	Unit
P	11618 0	11714 0	1 1/2913	K.A.	6.0	4.6	4A0
P	11714 0	11717 0	1 1/2914	K.A.	3.0	1.6	4A0
P	12012 0	12018 2	1 1/2915	K.A.	6.2	4.4	4A0
P	12111 0	12180	1 1/2916	K.A	7.0	5.9	4A0
P	12118 0	12214 0	1 1/2917	K.A.	6.0	4.5	4A0
P	12214 0	12297	1 1/2918	K.A.	5.7	3.4	4A0
P	12618 0	12716 0	1 1/2919	K.A.	8.0	8.0	4E4
P	12716 0	12813	1 1/3100	K.A.	5.3	5.3	4ED
P	12813	12814 0	1 1/1401	K.A.	2.7	2.7	4D0
P	12814 0	12906	1 1/1402	K.A.	6.6	2.7	4A4
P	12906	12935	1 1/1403	K.A.	2.9	1.9	4A4
P	12935	12960	1 1/1404	K.A.	2.5	1.9	4A0
P	12960	13060	1 1/1405	K.A.	10.0	5.8	4A0
P	13060	13120	1 1/1406	K.A.	6.0	0.8	4A0
P	13120	13185	1 1/1407	K.A.	6.5	2.0	4A0
P	13185	13285	1 1/1408	K.A.	10.0	4.3	4C0
P	13285	13380	1 1/1409	K.A.	9.5	4.5	4A0
P	13380	13400	1 1/1410	K.A.	2.0	1.7	4A0
P	13400	13480	1 1/1411	K.A	8.0	6.5	4DA
P	13480	13517	1 1/1412	K.A	3.7	3.7	4DA
P	13517	13537	1 1/1413	K.A	2.0	2.0	4A0
P	13537	13600	1 1/3141	C.A.	6.3	3.0	4A0
P	13600	13700	1 1/3142	C.A.	10.0	5.0	4A0
P	13700	13800	1 1/3143	C.A.	10.0	8.0	4A0
P	13800	13900	1 1/3144	C.A	10.0	3.0	4A0
P	13900	14000	1 1/3145	C.A.	10.0	8.0	4A0
P	14000	14100	1 1/3146	C.A.	10.0	10.0	4A0
P	14100	14200	1 1/3147	C.A.	10.0	10.0	4A0
P	14200	14300	1 1/3148	C.A	10.0	10.0	4A0
P	14300	14400	1 1/3149	C.A.	10.0	10.0	4A0
P	14400	14500	1 1/3150	C.A.	10.0	10.0	4A0
P	14500	14550	1 1/3151	C.A.	5.0	5.0	4A0
P	14550	14600	1 1/1417	K.A.	5.0	5.0	4A0

DDH 75-A066 (2 / 8)

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

Logged By: DJH

Sampled By: K.A & C.A.

Code	From	To	Sample No.	Description	Length	Rec.	Unit
1	10 14	16 20	22 27				
P	14600	14700	153152	C.A.	10.0	10.0	4A0
P	14700	14750	114118	K.A.	5.0	4.9	4A0
P	14750	14850	153153	C.A.	10.0	10.0	4A0
P	14850	14900	153154	C.A.	5.0	5.0	4C0
P	14900	15010	153155	C.A.	10.0	8.5	4A0
P	15010	15110	153156	C.A.	10.0	7.0	4A0
P	15110	15130	114119	K.A.	3.0	2.2	4EA4
P	15130	15190	114120	K.A.	6.0	5.8	4EA
P	15190	15250	114121	K.A.	6.0	4.3	4E4
P	15314	15344	114122	K.A.	3.0	3.0	4E1

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68W

DDH 75-A0666 (2 — 8)

Cyprus Anvil Mining Corp

Page ____ of ____

Logged by Checked GG

ASSAY LOG (SAMPLER'S COPY)

Date 15 Aug/81 Sampled by ____

UNITS = FEET

CATHY - PLEASE GLUE MG NUMBERS THANKS

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
1	10 — 14	16 — 20	22 — 26	28 — 30	32 — 34	36 — 40	42
P	11618 0	11712 5	94421	14 5	145	1A1A11	
P	11712 5	11717 0	94422	14 5	143	1A1A11	
P	12012 4	12018 0	94423	15 6	156	1A1A11	±3±4
	12018 0	12111 2	~~94424~~	13 2	—	15B161	+(4L0) // LOW GRADE NOT SAMPLED // ASSAY = 0%
P	12111 2	12118 0	94424	16 8	168	1A1A11	±3±4
P	12118 0	12214 0	94425	16 0	160	1A1A11	±3±4
P	12214 0	12217 7	94~~26~~ 80	15 7	—	1A1A11	±3±4 // WHOLE CORE SAMPLED BY K.A SEE K.A. ASSAY #1298
P	12619 0	12714 0	94426	15 0	150	1E141	+(4L0) +(4E6A)
P	12714 0	12719 0	94427	15 0	150	1E141	+(4L0) +(4E6A)
P	12719 0	12815 0	94428	16 0	160	1A1D41	+(4A4
P	12815 0	12910 6	94429	15 0	130	1A1314	±1
P	12910 6	12913 5	94~~28~~ 81	12 7	1 —	1A1314	±1 // WHOLE CORE SAMPLED BY K.A. SEE K.A. ASSAY #1403
P	12913 5	12919 2	94430	15 7	151	1A1113	
P	12919 2	13015 0	94431	15 8	148	1A1113	
P	13015 0	13016 0	94432	11 0	110	15C*1	+(10Q0)
P	13016 0	13112 0	94433	16 0	112	1A1A11	±3
P	13112 0	13118 5	94434	16 5	130	1A1A11	±3
P	13118 5	13213 5	94435	15 0	134	1A1L11	±2
P	13213 5	13218 5	94436	15 0	130	1A1L11	±2
P	13218 5	13314 2	94437	15 7	130	1A1113	
P	13314 2	13410 0	94438	15 8	140	1A1113	
P	13410 0	13414 2	94439	14 2	140	1A1D41	BRECCIA
P	13414 2	13418 5	94440	14 3	143	1A1D41	BRECCIA
P	13418 5	13511 7	94~~41~~ 82	13 2	—	1A1D41	WHOLE CORE SAMPLED BY K.A SEE K.A. ASSAY #1912
P	13511 7	13513 7	94441	13 0	122	1A1A11	±3 + (4E1) - BRECCIA
P	13513 7	13610 0	15131411	16 3	130	1A1A11	±3 + (4E1) - BRECCIA + (4A13)
P	13610 0	13710 0	15131412	10 0	150	1A1A113	
P	13710 0	13810 0	15131413	10 0	180	1A1A113	
P	13810 0	13910 0	15131414	10 0	130	1A1A113	SAMPLED BY CYPRUS ANVIL IN 1980
P	13910 0	14010 0	15131415	10 0	180	1A1A113	
P	14010 0	14110 0	15131416	10 0	100	1A1A113	
P	14110 0	14210 0	15131417	10 0	100	1A1A113	
P	14210 0	14310 0	15131418	10 0	100	1A1A113	

over.

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DDH 75-A-066 (2–8) Cyprus Anvil Mining Corp Page ____ of ____

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

UNITS = FEET

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
	10–14	16–20	22–26	28–30	32–34	36–40	42
P	14130	14140	153147	10	10	14A13	SAMPLED BY
P	14140	14150	153150	10	10	14A13	CYPRUS ANVIL
P	14150	14155	153151	5	5	14A13	IN 1980
P	14155	14160	94442	5	50	14A13	
P	14160	14170	153152	10	10	14A13	SAMPLED BY CYPRUS IN 1980
P	14170	14175	94443	5	50	14A13	+(3G12 = 50%)
P	14175	14185	153153	10	10		
P	14185	14210	153154	25	25		SAMPLED BY CYPRUS ANVIL
P	14910	15010	153155	10	85		IN 1980
P	15010	15110	153156	10	70		
P	15110	15130	94444	3	30	14E14	+(4A13±4)
P	15130	15190	94483	6		14E*4	+(4E14) WHOLE CORE SAMPLED BY K.A. →# 1420
P	15190	15237	94484	47		14E*A	SEE K.A. ASSAYS →# 1421
P	15237	15258	94445	21	20	14E*A	
P	15311	15345	94446	31	30	14E14	
							END OF HOLE @ 600 ft

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

GGW

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DDH J.S.-A.0616 (2 8) **Cyprus Anvil Mining Corp** Page 6 of 9

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

UNITS = FEET

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
1	10 14	16 20	22 26	28 30	32 34	36 40	42
				1	1		
P	1 1 6 8 0	1 1 7 1 2 5	1 9 4 1 2 1	1 4 5	1 4 5	1 4 A 1 1	
P	1 1 7 1 2 5	1 1 7 1 7 0	1 9 4 1 2 2	1 4 5	1 4 3	1 4 A 1 1	
P	1 2 0 1 2 4	1 2 0 1 8 0	1 9 4 1 2 3	1 5 6	1 5 6	1 4 A 1 1	±3 ±4
	1 2 0 1 8 0	1 2 1 1 2		1 3 2	1	5 1 B 1 6 1	+(4L0) // LOW GRADE NOT SAMPLED // ASSAY = 0%
P	1 2 1 1 2	1 2 1 1 8 0	1 9 4 1 2 4	1 6 8	1 6 8	1 4 A 1 1	±3 ±4
P	1 2 1 1 8 0	1 2 1 2 1 6	1 9 4 1 2 5	1 6 0	1 6 0	1 4 A 1 1	±3 ±4
→ P	1 2 1 2 1 4 0	1 2 1 2 1 9 7	1 9 5 8 0	1 5 7	1	1 4 A 1 1	±3 ±4 // WHOLE CORE SAMPLED BY K.A. SEE K.A. ASSAY #1298
P	1 2 1 6 1 9 0	1 2 1 7 4 0	1 9 4 1 2 6	1 5 0	1 5 0	1 4 E 4 1	+(4E0) +(4E1A)
P	1 2 1 7 4 0	1 2 1 7 1 9 0	1 9 4 1 2 7	1 5 0	1 5 0	1 4 E 4 1	+(4E0) +(4E64)
P	1 2 1 7 1 9 0	1 2 1 8 1 5 0	1 9 4 1 2 8	1 6 0	1 6 0	1 4 D 4 1	+(4A4
P	1 2 1 8 1 5 0	1 2 1 9 1 0 6	1 9 4 1 2 9	1 5 6	1 3 0	1 4 A 1 3 4	±1
→ P	1 2 1 9 1 0 6	1 2 1 9 3 5	1 9 5 8 1	1 2 9	1	1 4 A 1 3 4	±1 // WHOLE CORE SAMPLED BY K.A. SEE K.A. ASSAY #1403
P	1 2 1 9 3 5	1 2 1 9 1 9 2	1 9 4 1 3 0	1 5 7	1 5 1	1 4 A 1 1 3	
P	1 2 1 9 1 9 2	1 3 0 1 5 0	1 9 4 1 3 1	1 5 8	1 4 2	1 4 A 1 1 3	
P	1 3 0 1 5 0	1 3 0 1 6 0	1 9 4 1 3 2	1 1 0	1 1 0	1 5 C * 1	+(10Q0)
P	1 3 0 1 6 0	1 3 1 1 2 0	1 9 4 1 3 3	1 6 0	1 1 2	1 4 A 1 1	±3
P	1 3 1 1 2 0	1 3 1 1 8 5	1 9 4 1 3 4	1 6 5	1 3 0	1 4 A 1 1	±3
P	1 3 1 1 8 5	1 3 1 2 1 3 5	1 9 4 1 3 5	1 5 0	1 3 4	1 4 L 1 1	±2
P	1 3 1 2 1 3 5	1 3 1 2 1 8 5	1 9 4 1 3 6	1 5 0	1 3 0	1 4 L 1 1	±2
P	1 3 1 2 1 8 5	1 3 1 3 1 4 2	1 9 4 1 3 7	1 5 7	1 3 0	1 4 A 1 1 3	
P	1 3 1 3 1 4 2	1 3 1 4 1 0 0	1 9 4 1 3 8	1 5 8	1 4 6	1 4 A 1 1 3	
P	1 3 1 4 1 0 0	1 3 1 4 1 4 2	1 9 4 1 3 9	1 4 2	1 4 0	1 4 D 4 1	BRECCIA
P	1 3 1 4 1 4 2	1 3 1 4 1 8 5	1 9 4 1 4 1 0	1 4 3	1 4 3	1 4 D 4 1	BRECCIA
→ P	1 3 1 4 1 8 5	1 3 1 5 1 1 7	1 9 5 8 2	1 3 2	1	1 4 D 4 1	WHOLE CORE SAMPLED BY K.A. SEE K.A. ASSAY #1912
P	1 3 1 5 1 1 7	1 3 1 5 1 3 7	1 9 1 4 1 1	1 3 0	1 2 2	1 4 A 1 1	±3 + (4E1) - BRECCIA
P	1 3 1 5 1 3 7	1 3 1 6 1 0 0	1 5 1 3 4 1 1	1 6 3	1 3 0	1 4 A 1 1	±3 + (4E1) - BRECCIA + (4A13)
P	1 3 1 6 1 0 0	1 3 1 7 1 0 0	1 5 1 3 4 1 2	1 1 0 0	1 5 0	1 4 A 1 1 3	
P	1 3 1 7 1 0 0	1 3 1 8 1 0 0	1 5 1 3 4 1 3	1 1 0 0	1 8 0	1 4 A 1 1 3	
P	1 3 1 8 1 0 0	1 3 1 9 1 0 0	1 5 1 3 4 1 4	1 1 0 0	1 3 0	1 4 A 1 1 3	SAMPLED BY CYPRUS ANVIL IN 1980
P	1 3 1 9 1 0 0	1 4 0 1 0 0	1 5 1 3 4 1 5	1 1 0 0	1 8 0	1 4 A 1 1 3	
P	1 4 0 1 0 0	1 4 1 1 0 0	1 5 1 3 4 1 6	1 1 0 0	1 1 0 0	1 4 A 1 1 3	
P	1 4 1 1 0 0	1 4 1 2 1 0 0	1 5 1 3 4 1 7	1 1 0 0	1 1 0 0	1 4 A 1 1 3	
P	1 4 1 2 1 0 0	1 4 1 3 1 0 0	1 5 1 3 4 1 8	1 1 0 0	1 1 0 0	1 4 A 1 1 3	

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DDH 75-A-0646 Cyprus Anvil Mining Corp

CHECKED
Logged by GG

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

UNITS = FEET

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
P	1413.0	1414.0	153149	1.0	1.0	1AI13	SAMPLED BY
P	1414.0	1415.0	153150	1.0	1.0	1AI13	CYPRUS ANVIL
P	1415.0	1415.5	153151	.5	.5	1AI13	IN 1980
P	1415.5	1416.0	194142	.5	.5	1AI13	
P	1416.0	1417.0	153152	1.0	1.0	1AI13	SAMPLED BY CYPRUS IN 1980
P	1417.0	1417.5	194143	.5	.5	1AI13	+(3G12 = 50%)
P	1417.5	1418.5	153153	1.0	1.0		
P	1418.5	1419.0	153154	.5	.5		SAMPLED BY CYPRUS ANVIL
P	1419.0	1501.0	153155	1.0	.85		IN 1980
P	1501.0	1511.0	153156	1.0	.70		
P	1511.0	1511.3	194144	.3	.3	1EI14	+(4A13±4)
P	1511.3	1511.9	95183	.6		1EI*14	+(4E14) WHOLE CORE SAMPLED BY K.A. →# 1420
P	1511.9	1512.37	95184	.47		1E**A	SEE K.A. ASSAYS →# 1421
P	1512.37	1512.58	194145	.21	.20	1E**A	
P	1531.4	1534.5	194146	.31	.30	1EI1	
							END OF HOLE @ 1600 ft

DDH FAGA0666 (2 8) feet

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	2086	4990	RG					
F	2111	2297	2R					
F	2297	2580	1SG					
F	2580	2610	G					
F	2906	2935	N,N,N					
F	3050	3052	G					
F	3060	3185	RP					
F	3385	3580	D					
F	3485	3517	N,N,N					
F	3550	3580	2G,R					
F	3580	4445	2,T,R					
F	4445	4514	D.?					
F	4900	5104	T.?					
F	513	5237	N,N,N					
F	2235	2295	N,N,N					

DIAMOND DRILL RECORD

LOGGED BY Fred Chow

PROPERTY VANGORDA, GRUM JOINT VENTURE

D.D.H. No. 75-A-66 PAGE 1 of 10

PA LINE GRID HIW

LATITUDE 2N 34 696.16N BEARING OF HOLE

STARTED April 25, 1975 D.S.

CLAIM No.

DEPARTURE L 66W 25 398.42E DIP OF HOLE -90

COMPLETED April 29, 1975 N.S.

Tropari Tests @ Collar 88° Dip

Proposed: 370'

DIRECTION AND DISTANCE FROM

ELEVATION 4183 ASL 4224.19' DIP TESTS @ 190' 88° Dip

DEPTH Ultimate: 600' (182.88m)

NE. CLAIM POST

(1287.53m) (1287.53 m) @ 380' 88° Dip S85°57.5'E

S. 69° 39.5'E True Brg. @ 580' 80° Dip S76°21.5'E

Hole Size: 170- 600' BQ

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec. Ft.	Sample No.	Footage From	Footage To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Feet Pb	Assay x Feet Zn	Assay x Feet Ag
0	148	OVERBURDEN													
		Granitic boulder and clay till.	Nil 2.4/77		0	71 148									
148	158	QUARTZ - SERICITE PYHLLITE Medium gray and altered.													
		45% quartz. Thinly banded. Lower ½ altered 30%	0.7/10		148	158									
		Core Angle: 70°.													
158	162	QUARTZ - SERICITE PHYLLITE Bleached Buff.													
		50% quartz. Soft. Broken core.	0.4/4		158	162									
		Core Angle: 75°.													
162	168	QUARTZ - SERICITE PHYLLITE Altered. Medium gray.													
		50% quartz. Minor buff carbonate bands or blobs. Slightly fissile. 1/6" to 1/8" banding. F1 poorly developed.	4/6		162	168									
		Possible shear at 167-168'.													
		Core Angles: 35° @ 162' - 164', 75° @ 164-168'.													
168	177	QUARTZ - SERICITE - GRAPHITE WITH SULPHIDES													
		65-70% quartz. 15% sericite. 10% graphite. 5-8% pyrite, 2-4% lead-zinc, spot of chalcopyrite.	4.6	1293	168.0	174.0	6.0	1.58	2.34	.82			9.48	14.04	4.92

DIAMOND DRILL RECORD

LOGGED BY F. Chow

PROPERTY

LATITUDE BEARING OF HOLE STARTED

DEPARTURE DIP OF HOLE COMPLETED

ELEVATION DIP TESTS DEPTH Proposed: Ultimate:

D.D.H. No. 75-A-66 PAGE 2 of 10

CLAIM No.

N — DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec. Ft.	Sample No.	Footage From	Footage To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Feet Pb	Assay x Feet Zn	Assay x Feet Ag
		¼' to 1" banding. Well developed F1 and F2 mineralization.	1.6	1294	174.0	177.0	3.0	1.10	1.82	.44			3.3	5.46	1.32
		Galena and sphalerite discreet grains. Moderate fracturing.													
		Core Angles: 70° @ 168'-172', 75° @ 173'-177'.			61.2 168	63.9 177	(2.7 M) 9.0	1.42	2.17	(23.663 Tons) .69			12.78	19.50	6.24
173.1 177	61.5 202	QUARTZ - SERICITE PHYLLITE Altered. Moderate bleaching.													
		45% quartz. Dirty light gray with threads of buff sericite foliations. Abundant buff colour carbonates. No sulphides.	18.5/19		177	196									
		Moderate amount of fracturing, minor shears (tight) 194.5'-202' -- sheared. talcy, broken core.	2.3/6			202									
		Minute F1 moderately developed.													
		Core Angles: 75-80° with local 55° C.A. @ shearing points @ 181.5', 188' and 195'-201'.													
202	67.3 211	QUARTZ - SERICITE - GRAPHITE PHYLLITE WITH SULPHIDES													
		40-65% quartz intermittent sections of sericitic and graphitic (202'-203.7', 205.5'-208', 209.3'-209.8') phyllites.	4.4	1295	202.0 61.5	208.2 63.46	6.2	.84	1.84	.41					
		Sericitic sections contains low pyrite, lead-zinc, highly sericitic, fissile and sheared. Graphitic phyllite siliceous and hard. 10-15% pyrite, 1-1.5% lead-zinc.	2.5/2.8			211.0									
		Core Angles: 70° @ 202', 50° @ 203-204', 70° @ 204.5', 60° @ 206', 40° @ 210.5'.													

DIAMOND DRILL RECORD

LOGGED BY Fred Chow

PROPERTY

LATITUDE BEARING OF HOLE STARTED

DEPARTURE DIP OF HOLE COMPLETED

ELEVATION DIP TESTS DEPTH Proposed: Ultimate:

D.D.H. No. 75-A-66 PAGE 3 of 10

CLAIM No.

N — DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec. Ft.	Sample No.	Footage From	Footage To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Feet Pb	Assay x Feet Zn	Assay x Feet Ag
211	228.5 (61.6m)	QUARTZ - GRAPHITE ± SERICITE WITH SULPHIDES 65% quartz, 15% graphite, 10% sericite, 10% pyrite, 3% lead-zinc.													
		Variably banded with thin foliations graphite and sericite. F1 well developed from 211'-219'. Both F1 and F2 mineralization.	5.9	1296	211.0	218.0	7.0	2.23	3.36	1.12			15.61	23.52	7.84
		F1 fold noses @ 211.5' and 212.5'. Rock quartzy and hard but highly fractured. Core broken. Slickside @ 217' @ 90° to core.	4.5	1297		224.0	6.0	1.53	3.18	.68			9.18	19.08	4.08
			3.4	1298		229.7	5.7	2.10	4.44	.68			11.97	25.31	3.88
		Core Angles: 70° to 217', 75° @ 218', 80° @ 222', 70° @ 225', 50° @ 227'.			64.3 211	70.01 229.7	5.70 18.7	1.97	3.63	.84	Weighted Average		36.76	67.91	15.44
228.5	257.0 (78.3m)	QUARTZ - SERICITE PHYLLITE Altered. Light gray.													
		45% quartz. No sulphides. Altered to dirty light gray of minor buff bands or foliations. 228.5'-229.7' quartz vein with lead-zinc.	1.7/2.3 0.9/6		229.7	232.0 238.0									
			1.9/2 0.4/3			240.0 243.0									
		Intense local shearing, often gougy. Rock broken and not competent.	0.7/3 4/5			246.0 251.0									
		Core Angles: 70° @ 232', 45° @ 239'-247', 40° @ 248', 60° @ 251-257'.	3/6			257.0									
257.0	261.0 (79.9m)	FAULT													
		Light gray gouge and breccia.	1.2/4		257	261.0									

DIAMOND DRILL RECORD

LOGGED BY F. Chow

PROPERTY

LATITUDE BEARING OF HOLE STARTED

DEPARTURE DIP OF HOLE COMPLETED

ELEVATION DIP TESTS DEPTH Proposed: Ultimate:

D.D.H. No. 75-A-66 PAGE 4 of 10

CLAIM No.

NN DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec. Ft.	Sample No.	Footage From	Footage To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Feet Pb	Assay x Feet Zn	Assay x Feet Ag
261.0	268.0	QUARTZ VEIN WITH GRAY PHYLLITIC BANDS													
		Contact zone between the above mentioned fault and massive sulphides below. Appear to be seritic phyllite intruded by quartz. A few spots of lead-zinc. Rock broken and highly fractured.	5.6/7.0		261.0	268.0									
268.0	281.3	MASSIVE SULPHIDES	8	1299	268.0	276.0	8.0	5.40	10.80	1.94			43.2	86.4	15.52
		Massive, fine-grained, rich pyrite with lead-zinc and rich lead-zinc bands. Sulphides moderately porous, slightly leached.	5.3	1300		281.3	5.3	8.84	14.83	3.09			46.85	78.60	16.36
		Minor remnant of graphite.			268	281.3	13.3'	6.77	12.41	2.40	Weighted		90.05	165.00	31.90
		268'-276' 70% pyrite, 12% lead-zinc			Bl.6	86.7	(12.1 M)			(137.4 g/T)			Average		
		-281.3' 50% pyrite, 25% lead-zinc													
		Core Angles: 70° @ 268', 50° @ 272'-276', F2 fold @ 277.5', 40° @ 279'.													
281.3	318.5	QUARTZ - GRAPHITE ± SERICITE PHYLLITE WITH SULPHIDES													
		60% quartz, 10-15% graphite ± sericite, 15-20% pyrite, variable lead-zinc.	2.7	1401	281.3	284.0	2.7	5.10	5.76	1.76			13.77	15.55	4.75
		281.3'-293.5' 20% pyrite, 5% lead-zinc. Minor leaching.	2.7	1402		290.6	6.6	5.48	4.98	1.85			36.17	32.87	12.21
		-318.5' 15% pyrite, 0.3% lead-zinc. Moderate leaching													
		0.6' buff sericite.	1.9	1403		293.5	2.9	5.63	5.52	1.79			16.33	16.01	5.19
		F1 moderately developed, mainly F2 mineralization. Many slips and offsets, locally intensely fractured.	1.9	1404		296.0	2.5	.40	.82	.29					
		Rock weakly competent to 304', poor from 304-318'.													
		(Recovery very poor)													

DIAMOND DRILL RECORD

LOGGED BY F. Chow

PROPERTY

LATITUDE BEARING OF HOLE STARTED

DEPARTURE DIP OF HOLE COMPLETED

ELEVATION DIP TESTS DEPTH Proposed: Ultimate:

D.D.H. No. 75-A-66 PAGE 5 of 10

CLAIM No.

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec. Ft.	Sample No.	Footage From	Footage To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Feet Pb	Assay x Feet Zn	Assay x Feet Ag
		Core Angles: 45° @ 285'-293', 50° @ 294', 65° @ 296', 70° 297'-304', 75° @ 317'.	5.8	1405		306.0	10.0	.28	1.07	.24					
			0.8	1406		312.0	6.0	.56	.95	.32					
			2.0	1407		318.5	6.5	.95	.96	.59					
					85.7	89.06	3.7								
					281.3	293.5	12.2	5.43	5.28	1.82			66.27	64.43	22.15
											Weighted Average				
318.5	328.5	QUARTZ - SERICITE PHYLLITE WITH SULPHIDES Bleached			293.5	318.5	25.	1.48	Pb-Zn						
		55-60% quartz, 10% pyrite, 1% lead-zinc. Totally bleached buff. 0.2' of fuschite @ 320.5', quartzy with sericitic foliations	4.3	1408	318.5	328.5	10.0	.49	3.12	.24					
		which parts readily. Rock not competent. Core broken, recovery very poor.													
		Core Angle: 70 - 75°.													
328.5	340.0	QUARTZ - GRAPHITE ± SERICITE PHYLLITE WITH SULPHIDES Brecciated													
		65-70% quartz, 15-20% graphite, 0-5% sericite, 20% pyrite, 0.3% lead-zinc. Banded - qtzose - fels - sulphide bands with thinly	4.5	1409	328.5	338.0	9.5	.21	.42	.15					
		foliated graphite ± sericite, also sericitic in qtzose bands.	1.7	1410		340.0	2.0	.30	1.08	.29					
		331'-340' brecciated and/or shattered, then re-cemented within qtzose-phyllite matrix. Core broken. Rock likely tend to			100.10	103.6	3.5								
		fracture and spall.			328.5	340.0	11.5	.76	Pb-Zn		Weighted Average				
		Core Angles: 85° @ 329', 75° @ 330'-337', 30° @ 338', 40° 340', 40° shear with mud @ 340'.													

DIAMOND DRILL RECORD

LOGGED BY F. Chow

PROPERTY

LATITUDE BEARING OF HOLE STARTED

DEPARTURE DIP OF HOLE COMPLETED

ELEVATION DIP TESTS DEPTH Proposed: Ultimate:

D.D.H. No. 75-A-66 PAGE 6 of 10

CLAIM No.

N

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec. Ft.	Sample No.	Footage From	Footage To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Feet Pb	Assay x Feet Zn	Assay x Feet Ag
103.6m	107.8														
340.0	353.7	QUARTZ SULPHIDES - PHYLLITE BRECCIA													
		50% quartz, 30-45% pyrite, 6-9% lead-zinc, 3-5% graphite-sericite. Above brecciated and re-cemented by same material.	6.5	1411	340.0	348.0	8.0	4.55	6.00	1.71			36.4	48.	13.68
		Highly leached, fractures and holes probably formerly occupied by carbonates.	3.7	1412		351.7	3.7	4.65	5.82	1.53			17.21	21.53	5.66
		Rock weakly competent. Note: Slickenside @ 343.5' @ 40° to core.	2	1413	107.2	353.7 107.8	2.0	.15	.96	.15	?				
					103.6	107.2									
					340.0	351.7	11.7	4.58	5.94	1.65	Weighted Average		53.61	69.53	19.34
353.7	452.5	QUARTZ - GRAPHITE + SERICITE PHYLLITE WITH SULPHIDES													
		353.7'-358' Brecciated, broken core. 3% pyrite, no lead-zinc.	2/4.3		353.7	358.0									
			3.1/11			369.0									
		358' -393' Siliceous, 65% quartz, 25% pyrite, minor lead-zinc between 373'-378' and 388'-392.5' (0.2% and 2.5%)	3.2/4		369.0	373.0									
		Rock moderately fractured, easily broken or parts easily. F2 mineralization.	2.9	1414	373.0 113.7	378.0 115.2	5.0	.44	.77	.26					
		393' -418.4' As above but less disturbed, 25-30%pyrite, a few spots lead-zinc - Copper. Moderate competent rock F2 mineralization.	0.8/6			384.0									
			0.6/4			388.0									
		This section of graphitic (5-15% graphite ± sericite) phyllites	2.8	1415	118.26	392.6 119.66	4.6	2.25	1.22	1.09					
		are very quartzy; general exhibiting dissem. pyrite in qtzose-fels	1.5/3.4			396.0									
		bands with wispy foliations of graphite. The latter forms wavy	15/16			412.0									
		or kinky threads or bands in a qtzose matrix.													
		Brecciation often with breccia appear to occur at the F2 fold	1.1/2			414.0									
		noses. These brecciated sections are always leached. Numerous													
		light slips, fractures not common in un-brecciated rock.	9/9			423.0									
		Generally, rocks are moderately competent.													
			1.2/2.5			425.5									

DIAMOND DRILL RECORD

LOGGED BY F. Chow

PROPERTY

LATITUDE BEARING OF HOLE STARTED

DEPARTURE DIP OF HOLE COMPLETED

ELEVATION DIP TESTS DEPTH Proposed: Ultimate:

D.D.H. No. 75-A-66 PAGE 7 of 10

CLAIM No.

N

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec. Ft.	Sample No.	Footage From	Footage To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Feet Pb	Assay x Feet Zn	Assay x Feet Ag
		418.4'-425.5' More qtzose, less banding, more pyrite - often as massive, barren pyrite. No lead-zinc — Copper noted.	7	1416	129.69	432.6 131.86	7.1	.28	.78	.24					
			7.4/7.4			440.0									
		Core Angles: 65° @ 358', 60° @ 371', 65-70° @ 372', 70-75° @ 378', 60° @ 388', 50° @ 396', 60° @ 397', 50° @ 408', 40° @ 412', 50-55° @ 414', 45° @ 420', 50° @ 422'.	12.5/12.5			452.5									
		425.5'-452.5' F2 fold nose (?) lying between two tight slips 30° slips @ 429.5' and @ 452'. F1 folds (?) @ 434'-436.5'. Abundant chalco (0.3%) between 430'-432.6', a few spots lead-zinc, 25% pyrite. Highly fractured, brecciated @ 433-452', re-cemented.													
		Core Angle: 45° @ 427', 0-20° @ 430'-436', 30° @ 437', nose @ 441', irregular from 442'-452' (Many slips and offsets).													
131.9m 452.5	147.8m 485.0	QUARTZ - SERICITE ± GRAPHITE PHYLLITE WITH SULPHIDES													
		Essentially same as phyllite immediately above, more siliceous and massive.	2.5/2.5		452.5	455.0									
		Buff brown carbonate(?) abundant @ 455'-461', many slips with minor offsets, deep leaching.	5	1417	138.7	460.0 140.2	5.0	.03	4.20	.03					
		F1 prominent @ 457'-485'.	10/10			470.0									
		15% pyrite, minor scatterd spots Pb-Zn + pyrrho; chalco common as blebs and fracture filling, about 0.1%. Both F1 and F2 mineralization.	4.9/5	1418	143.26	475.0 144.8	5.0	.04	.09	.06		Est. 0.1			
		Rock competent.													

DIAMOND DRILL RECORD

LOGGED BY F. Chow

PROPERTY

LATITUDE BEARING OF HOLE STARTED

DEPARTURE DIP OF HOLE COMPLETED

ELEVATION DIP TESTS DEPTH Proposed: Ultimate:

D.D.H. No. 75-A-66 PAGE 8 of 10

CLAIM No.

N — DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec. Ft.	Sample No.	Footage From	Footage To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Feet Pb	Assay x Feet Zn	Assay x Feet Ag
			9.5/10			485.0									
		Core Angle: 70° throughout.													
		Note: Sample 1417 to check carbonate for possible zinc carbonate; sample 1418 to check for gold and silver.													
485.0	490.7	QUARTZ - SERICITE PHYLLITE WITH SULPHIDES Altered and bleached													
		Similar to rocks above but no graphite and rock is very siliceous 5% pyrite, 0.05 copper, no lead-zinc noted.	5.4/5.7		485.0	490.7									
		Core Angle: 65-80 °.													
490.7	510.4	QUARTZ - SERICITE + GRAPHITE PHYLLITE WITH SULPHIDES													
		Similar to 452.5'-485'. 490.7'-498.8'. Fl prominent.	1.3/1.3 4.8/7.0		490.7	492.0 499.0									
		498.8'-510' Undergone intensive stress, likely shearing, highly fractured. Also brecciated @ 504.8'-507.5'.	5.8/9.5			508.5									
		10% pyrite, locally rich chalcopyrite, no lead-zinc noted.	0.6/1.5			510.0									
		Core Angle: 75 °.													
510.4	525.0	MASSIVE SULPHIDES													
		Rich lead-zinc with pyrite bands and rich lead-zinc banded with massive pyrite. Short bands quartz-sericite + graphite with sulphides.	2.2	1419	510.0	513.0	3.0	8.56	10.15	3.82			25.68	30.45	11.46
		510.4'-514.7' 25%pyrite, 28% lead-zinc	5.8	1420		519.0	6.0	1.75	3.00	.74			10.5	18.0	4.44
		-516' 50%pyrite, 10% lead-zinc -519' 70%pyrite, 5% lead-zinc -525' 60%pyrite, 15% lead-zinc	4.3	1421		525.0	6.0	5.70	7.20	2.12			34.2	43.2	12.72

DIAMOND DRILL RECORD

LOGGED BY F. Chow

PROPERTY

LATITUDE BEARING OF HOLE STARTED

DEPARTURE DIP OF HOLE COMPLETED

ELEVATION DIP TESTS DEPTH Proposed: Ultimate:

D.D.H. No. 75-A-66 PAGE 9 of 10

CLAIM No.

N — DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec. Ft.	Sample No.	Footage From	Footage To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Feet Pb	Assay x Feet Zn	Assay x Feet Ag
		Core Anlge: 70-75°. Lower contact with phyllite @ 45°.			510.0 155.45	525.0 160.02	15.0	4.69	6.11	1.91	Weighted		70.38 Average	91.65	28.62
525.0	531.4	QUARTZ - SERICITE PHYLLITE Light gray. 55% quartz, thinly banded, fissile, no pyrite. Uppper 1' (?) contact bleached and talcy. Not competent.	4.7/6.4		525.0	531.4									
		Core Angle: 75-85°.													
531.4	534.4	MASSIVE SULPHIDES Massive pyrite 75% with 0.6' of 15% lead-zinc in middle of near barren pyrite and also with 0.4' of barren sericite.	3.0	1422	531.4 161.9	534.4 162.8	3.0	2.00	1.66	.88					
		Core Angle: 70° @ 532', 75° @ 533'.													
534.4	540.0	QUARTZ - SERICITE - GRAPHITE PHYLLITE 45% quartz, 35% sericite, 20% graphite. Medium to dark gray to black. Thinly banded, moderately fissile. No pyrite.	5.4/5.6		534.4	540.0									
		Core Angle: 75°.													
540.0	575.0	QUARTZ - SERICITE PHYLLITE Medium gray 40% quartz. Thinly foliated. Moderatley fissile, highly fissile from 564'-575'. Moderately altered from 554'-575'.	12.4/14		540.0	554.0									
		Not competent rock. Core in chips from 564'-575'.	2.4/10			564.0									

DIAMOND DRILL RECORD

LOGGED BY F. Chow

PROPERTY

LATITUDE BEARING OF HOLE STARTED

DEPARTURE DIP OF HOLE COMPLETED

ELEVATION DIP TESTS DEPTH Proposed: Ultimate:

D.D.H. No. 75-A-66 PAGE 10 of 10

CLAIM No.

N — DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec. Ft.	Sample No.	Footage From	Footage To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Feet Pb	Assay x Feet Zn	Assay x Feet Ag
		Core Angle: 70°.	3/11			575.0									
575.0	579.5	QUARTZ - SERICITE PHYLLITE WITH SULPHIDES Bleached													
		45% quartz. A few ½" - ¼" bands of rich lead-zinc between 576.4' -578.4'.	0.6/1.4		575.0	576.4									
		Totally bleached to buff colour.	1.8/2			578.4	Est.	2% lead-zinc/2'.							
		Core Angle: 70-75°.	0.8/1.1			579.5									
579.5	600.0	QUARTZ - SERICITE PHYLLITE													
		Similar to 540'-575'. Core in chips and broken pieces.	3.8/4.5		579.5	584.0									
		Core Angle: 75-80°. Shear @ 582' (?)	5 /16			600.0									
	600	END OF HOLE													

REMARKS:
1. D.D.H. #75-A66 drilled for underground ramp planning and to investigate upper mineralized zones.
2. Hole was drilled deeper than the proposed depth because of bad ground formation @ ramp elevation.
3. Intersect water course @ 422', lost water return at 442'.
4. Hole cemented from collar to 600'.

DDH: FAGA066 -- 42 DEGREE PROFILE

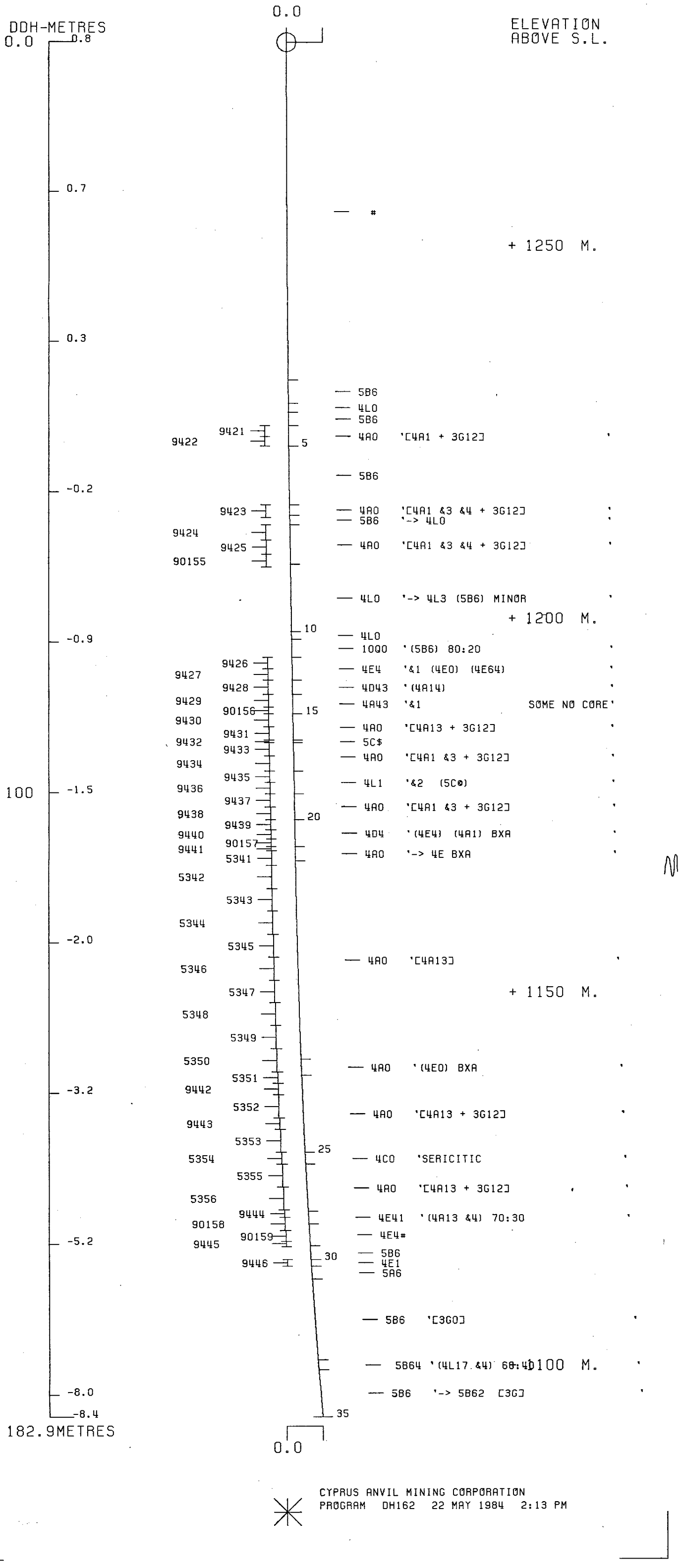
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1277 592440E ; 904786N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 437.3 Z = 1277.1

SECTION NAME: 66W



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 22 MAY 1984 2:13 PM

DDH: FAGA066 -- 42 DEGREE PROFILE

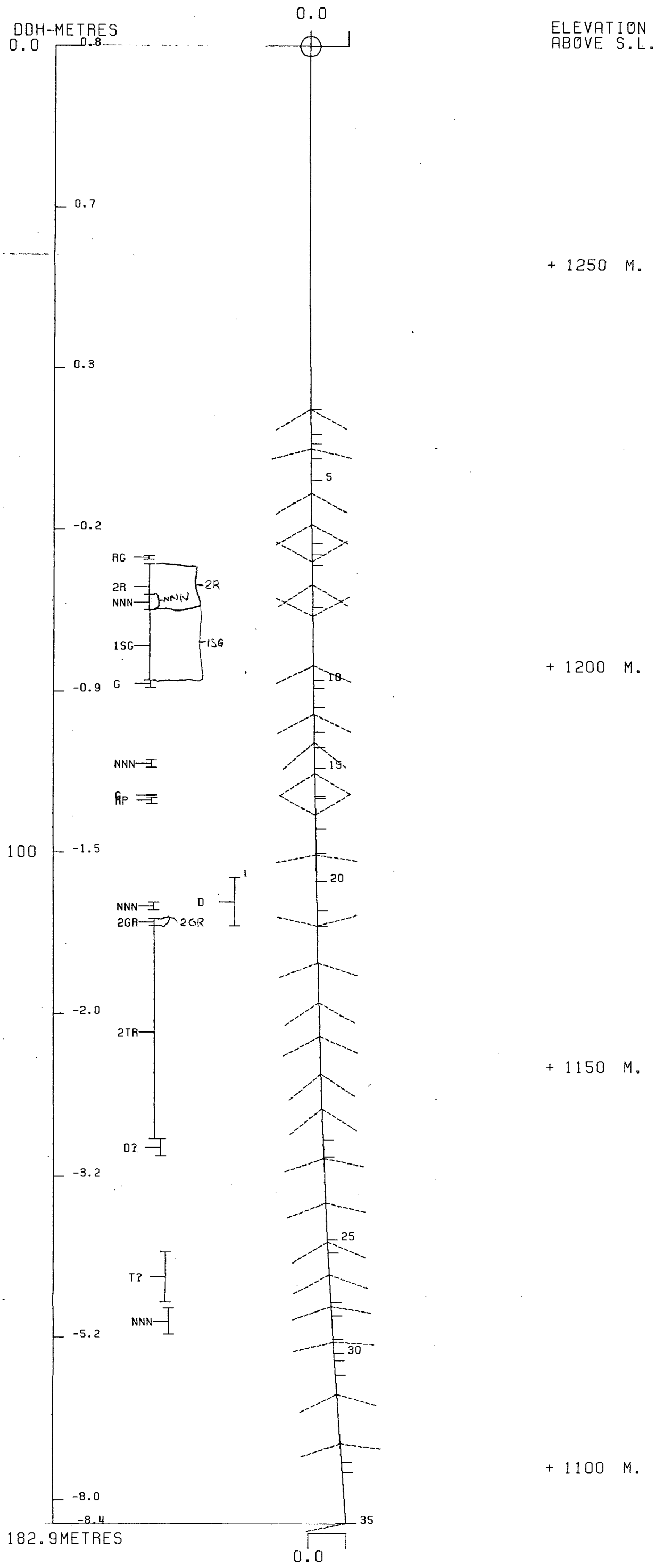
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1277 592440E ; 904786N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 437.3 Z = 1277.1

SECTION NAME: 66W



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 22 MAY 1984 2:15 PM

FAGA099

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
FAGAC99	90357	62.4	64.0	1.6	100	4A4			1.33	4.38	21.3					5.71		.77
	688E	138.5	139.1	.6	100	4EL4	4.05	.10	4.70	4.40	89.0	.96	5.62	20.30		9.10	25.92	.48
	688F	139.1	139.5	.4	75	4H4	4.33	.12	4.10	4.80	67.0	.48	12.52	23.90		8.90	36.42	.54
	689C	140.4	141.2	.8	100	4E4	4.72	.10	9.50	6.10	137.0	1.30	4.43	28.10		15.60	32.53	.39
	6891	141.2	142.9	1.7	100	4G4	4.80	.13	3.40	5.90	62.0	.96	1.23	19.00		9.30	20.23	.63
	6892	142.9	144.9	2.0	100	4G4	4.61	.18	3.00	4.30	53.0	1.30	2.62	27.60		7.30	30.22	.59
	6893	144.9	147.5	2.6	100	4E4	4.25	.23	3.10	3.70	50.0	1.17	3.50	13.40		6.80	16.90	.54
	6894	147.5	149.4	1.9	100	4G4	4.69	.08	5.70	7.10	94.0	.62	2.63	15.20		12.80	17.83	.55
	6895	149.4	151.4	2.0	100	4G4	4.12	.02	3.70	6.80	65.0	.41	1.48	12.00		10.50	13.48	.65
	6896	151.4	152.7	1.3	100	4G4	4.33	.03	4.30	7.30	79.0	.55	1.44	13.30		11.60	14.74	.63
	6897	152.7	154.1	1.4	100	4G0	4.35	.04	.30	8.30	83.0	.48	1.75	11.20		8.60	12.95	.97
	6898	154.1	155.3	1.2	100	4E84	4.38	.24	4.10	3.00	79.0	1.51	4.57	31.20		7.10	35.77	.42
	6899	155.3	157.6	2.3	100	4C3	3.97	.28	1.04	.42	28.0	2.19	3.02	27.60		1.46	30.62	.29
	689C	157.6	159.1	1.5	100	4C3	3.81	.24	.38	.20	18.0	1.10	2.01	27.20		.58	29.21	.34
	7001	159.1	161.2	2.1	100	4C3	3.78	.31	.32	.16	10.0	1.65	1.55	26.00		.48	27.55	.33
	7002	161.2	162.0	.8	88	5D4*		.04	.06	.06	3.0					.12		.50
	7003	162.0	163.8	1.8	100	4C3		.24	.10	.09	3.0					.19		.47
	7004	163.8	165.4	1.6	100	4C3		.33	.22	.39	7.0					.61		.64
	7005	165.4	166.4	1.0	100	4C3		.33	.27	.34	9.0					.61		.56
	7006	166.4	167.9	1.5	100	4C3		.36	.59	.34	15.0					.93		.37
	7007	167.9	169.3	1.4	100	4C3	3.61	.20	3.00	1.69	47.0	.41	7.10	15.10		4.69	22.20	.36
	7008	169.3	170.6	1.3	100	4C7	3.57	.28	.61	.90	9.0	.41	12.00	13.70		1.51	25.70	.60
	7009	170.6	172.3	1.7	100	4L4		.17	.25	.79	3.0					1.04		.76
	7010	172.3	174.0	1.7	100	4L4		.05	.59	.94	10.0					1.53		.61
	7011	174.0	175.8	1.8	94	4L4		.10	.71	1.15	11.0					1.86		.62
	7012	175.8	177.6	1.8	100	4L4		.29	.34	.84	11.0					1.18		.71
	7013	177.6	179.3	1.7	100	4L4		.08	.32	.50	8.0					.82		.61
	7014	179.3	181.3	2.0	90	4L4		.03	.11	.26	5.0					.37		.70

DDH	SAMPLE	ROCK UNIT	NORMATIVE MINERALS - WEIGHT % CPY	GA	SP	PO	PY	BAR	OTHER	*	NORMATIVE MINERALS - VOLUME % CPY	GA	SP	PO	PY	BAR	OTHER
FAGA099	90357	4A4		1.54	6.53				91.93	*							
	6888	4EL4	.29	5.43	6.56	8.84	43.66		35.23	*	.27	2.79	6.33	7.42	33.72		49.47
	6889	4H4	.35	4.74	7.16	19.69	51.40		16.68	*	.36	2.73	7.74	18.51	44.45		26.22
	689C	4E4	.29	10.97	9.09	6.97	60.43		12.25	*	.31	6.69	10.40	6.93	55.29		20.38
	6891	4G4	.38	3.93	8.80	1.93	40.86		44.11	*	.33	1.91	8.01	1.53	29.78		58.44
	6892	4G4	.52	3.46	6.41	4.12	59.35		26.13	*	.51	1.89	6.55	3.66	48.54		38.85
	6893	4E4	.66	3.58	5.52	5.50	28.82		55.92	*	.54	1.63	4.71	4.08	19.66		69.38
	6894	4G4	.23	6.58	10.58	4.14	32.69		45.78	*	.20	3.17	9.57	3.25	23.63		60.18
	6895	4G4	.06	4.27	10.14	2.33	25.81		57.40	*	.05	1.92	8.55	1.71	17.40		70.38
	6896	4G4	.09	4.97	10.88	2.26	28.60		53.20	*	.07	2.29	9.39	1.70	19.75		66.80
	6897	4G0	.12	.35	12.37	2.75	24.09		60.33	*	.09	.15	10.14	1.96	15.78		71.88
	6898	4E84	.69	4.74	4.47	7.19	67.10		15.82	*	.73	2.79	4.94	6.90	59.25		25.39
	6899	4C3	.81	1.20	.63	4.75	59.35		33.26	*	.76	.63	.61	4.05	46.54		47.42
	690C	4C3	.69	.44	.30	3.16	58.49		36.91	*	.63	.22	.29	2.63	44.81		51.42
	7001	4C3	.90	.37	.24	2.44	55.91		40.15	*	.80	.19	.22	1.99	41.99		54.81
	7002	5D4*	.12	.07	.09				99.73	*							
	7003	4C3	.69	.12	.13				99.06	*							
	7004	4C3	.95	.25	.58				98.21	*							
	7005	4C3	.95	.31	.51				98.23	*							
	7006	4C3	1.04	.68	.51				97.77	*							
	7007	4C3	.58	3.46	2.52	11.17	32.47		49.80	*	.49	1.63	2.23	8.59	22.98		64.08
	7008	4C7	.81	.70	1.34	18.87	29.46		48.81	*	.68	.33	1.18	14.46	20.77		62.57
	7009	4L4	.49	.29	1.18				98.04	*							
	7010	4L4	.14	.68	1.40				97.77	*							
	7011	4L4	.29	.82	1.71				97.18	*							
	7012	4L4	.84	.39	1.25				97.52	*							
	7013	4L4	.23	.37	.75				98.65	*							
	7014	4L4	.09	.13	.39				99.40	*							

DRILL HOLE : FAGA099

NORTHING : 904,870.5

EASTING : 592,518.2

ELEVATION : 1,285.8

TOTAL DEPTH : 189.5

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: 28

NOS DOWN-H-SURVEYS: 4

NOS DOWN-H-LITHOLOGY: 33

NOS DOWN-H-STRUCTURE: 32

NOS DOWN-H-FAULTS: 5

NOS DOWN-H-SPLINES: 4

NOS COMPOSITES: 0

DDH: FAGA099 UTM-N: 904,870.5 UTM-E: 592,518.2 UTM-ELEV: 1,285.8 TOTAL DEPTH: 189.5 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.
62.4	64.0	90357	1.6	1.6	4A4			1.33	4.38		21.30										
138.5	139.1	06888	.6	.6	4EL4	4.05	.10	4.70	4.40	89.00		.96	5	20	25						
139.1	139.5	06889	.4	.3	4H4	4.33	.12	4.10	4.80	67.00		.48	12	23	36						
140.4	141.2	06890	.8	.8	4E4	4.72	.10	9.50	6.10	137.00		1.30	4	28	32						
141.2	142.9	06891	1.7	1.7	4G4	4.80	.13	3.40	5.90	62.00		.96	1	19	20						
142.9	144.9	06892	2.0	2.0	4G4	4.61	.18	3.00	4.30	53.00		1.30	2	27	30						
144.9	147.5	06893	2.6	2.6	4E4	4.25	.23	3.10	3.70	50.00	44.00	1.17	3	13	16						
147.5	149.4	06894	1.9	1.9	4G4	4.69	.08	5.70	7.10	94.00		.62	2	15	17						
149.4	151.4	06895	2.0	2.0	4G4	4.12	.02	3.70	6.80	65.00		.41	1	12	13						
151.4	152.7	06896	1.3	1.3	4G4	4.33	.03	4.30	7.30	79.00		.55	1	13	14						
152.7	154.1	06897	1.4	1.4	4GO	4.35	.04	.30	8.30	83.00		.48	1	11	12						
154.1	155.3	06898	1.2	1.2	4E84	4.38	.24	4.10	3.00	79.00		1.51	4	31	35						
155.3	157.6	06899	2.3	2.3	4C3	3.97	.28	1.04	.42	28.00		2.19	3	27	30						
157.6	159.1	06900	1.5	1.5	4C3	3.81	.24	.38	.20	18.00		1.10	2	27	29						
159.1	161.2	07001	2.1	2.1	4C3	3.78	.31	.32	.16	10.00		1.65	1	26	27						
161.2	162.0	07002	.8	.7	5D4*		.04	.06	.06	3.00											
162.0	163.8	07003	1.8	1.8	4C3		.24	.10	.09	3.00											
163.8	165.4	07004	1.6	1.6	4C3		.33	.22	.39	7.00											
165.4	166.4	07005	1.0	1.0	4C3		.33	.27	.34	9.00											
166.4	167.9	07006	1.5	1.5	4C3		.36	.59	.34	15.00											
167.9	169.3	07007	1.4	1.4	4C3	3.61	.20	3.00	1.69	47.00		.41	7	15	22						
169.3	170.6	07008	1.3	1.3	4C7	3.57	.28	.61	.90	9.00		.41	12	13	25						
170.6	172.3	07009	1.7	1.7	4L4		.17	.25	.79	3.00											
172.3	174.0	07010	1.7	1.7	4L4		.05	.59	.94	10.00											
174.0	175.8	07011	1.8	1.7	4L4		.10	.71	1.15	11.00											
175.8	177.6	07012	1.8	1.8	4L4		.29	.34	.84	11.00											
177.6	179.3	07013	1.7	1.7	4L4		.08	.32	.50	8.00											
179.3	181.3	07014	2.0	1.8	4L4		.03	.11	.26	5.00											
WEIGHTED AVERAGE																					
62.4	64.0		1.6	1.6				1.33	4.38		21.30										
138.5	139.5		1.0	.9		4.16	.10	4.46	4.56	80.20		.76	8	21	30						
140.4	181.3		40.9	40.5		2.41	.17	1.73	2.43	34.20	2.79	.60	1	11	13						

DDH: FAGA099 UTM-N: 904,870.5 UTM-E: 592,518.2 UTM-ELEV: 1,285.8 TOTAL DEPTH: 189.5 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
61.000	175.000	73.000
115.800	165.000	77.000
176.800	162.000	76.000

DDH: FAGA099 UTM-N: 904,870.5 UTM-E: 592,518.2 UTM-ELEV: 1,285.8 TOTAL DEPTH: 189.5 SECTION: W 66
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
42.1	0001	#		0.5-	1
44.5	0002	5B6		0.5-	1
45.6	0003	4LO		0.5-	1
47.5	0004	5B6		0.5-	1
48.6	0005	5B6		0.5-	1
61.2	0006	5B6		0.5-	1
61.9	0007	5B8	(5DO) MINOR	0.5-	1
65.2	0008	4AO	-> 5A -> 4A4	0.5-	1
66.0	0009	4L1		0.5-	1
103.5	0010	5B6	(5DO) MINOR - BIO LOCALLY	0.5-	1
105.8	0011	4LO		0.5-	1
108.9	0012	5B6	-> 5B64 DOWN	0.5-	1
109.8	0013	3B3	BIO	0.5-	1
110.3	0014	4LO	2 MINOR	0.5-	1
122.3	0015	5B6		0.5-	1
127.6	0016	4LO	2 7 BOTH MINOR	0.5-	1
133.8	0017	5B6	(4L1) MINOR	0.5-	1
138.5	0018	4L4	(4E4) MINOR	0.5-	1
139.1	0019	4EL	[4D4 (4E4)(4G4)(4L)]	0.5-	1
139.5	0020	4H4		0.5-	1
140.4	0021	3B3	BIO	0.5-	1
141.2	0022	4E4	(4E46)?	0.5-	1
144.9	0023	4G4	-> (4E48) LOCALLY	0.5-	1
147.5	0024	4E4	(4E46)?	0.5-	1
154.1	0025	4G4	(4G48) LOCALLY	0.5-	1
155.3	0026	4E8	(4E1)	0.5-	1
161.2	0027	4C3	(4A1)	0.5-	1
162.0	0028	5D4*		0.5-	1
169.3	0029	4C3	[4CO (4EO)] [4CO]	0.5-	1
170.6	0030	4C7		0.5-	1
182.4	0031	4L4	GARNET	0.5-	1
188.4	0032	3B3	BIO (4LO) GNT	0.5-	1
189.6	0033	4LO		0.5-	1

DDH: FAGA099 UTM-N: 904,870.5 UTM-E: 592,518.2 UTM-ELEV: 1,285.8 TOTAL DEPTH: 189.5 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
FAGA099	0.0	42.8	PS2		0	0	0	0	60	230	0	1	1	1
FAGA099	0.0	47.4	PS2		0	0	0	0	60	230	0	1	1	1
FAGA099	0.0	52.3	PS2		0	0	0	0	57	230	0	1	1	1
FAGA099	42.1	54.7	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGA099	0.0	57.6	CS2		0	0	0	0	60	230	0	1	1	1
FAGA099	0.0	62.3	CS2		0	0	0	0	55	230	0	1	1	1
FAGA099	54.7	64.7	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGA099	0.0	67.7	CS2		0	0	0	0	69	230	0	1	1	1
FAGA099	0.0	72.2	CS2		0	0	0	0	59	230	0	1	1	1
FAGA099	0.0	77.7	CS2		0	0	0	0	63	230	0	1	1	1
FAGA099	0.0	82.3	CS2		0	0	0	0	67	230	0	1	1	1
FAGA099	64.7	85.4	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGA099	0.0	87.5	CS2		0	0	0	0	61	230	0	1	1	1
FAGA099	0.0	92.0	CS2		0	0	0	0	75	230	0	1	1	1
FAGA099	0.0	97.0	CS2		0	0	0	0	68	230	0	1	1	1
FAGA099	85.4	97.2	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGA099	0.0	101.0	CS2		0	0	0	0	68	230	0	1	1	1
FAGA099	97.2	102.4	CS2	M	0	0	0	0	0	0	0	1	1	1
FAGA099	0.0	105.9	CS2		0	0	0	0	70	230	0	1	1	1
FAGA099	0.0	110.5	CS2		0	0	0	0	70	230	0	1	1	1
FAGA099	0.0	115.3	CS2		0	0	0	0	68	230	0	1	1	1
FAGA099	0.0	120.3	CS2		0	0	0	0	70	230	0	1	1	1
FAGA099	0.0	125.6	CS2		0	0	0	0	62	230	0	1	1	1
FAGA099	0.0	130.4	CS2		0	0	0	0	60	230	0	1	1	1
FAGA099	102.4	131.4	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGA099	0.0	135.3	PS2		0	0	0	0	60	230	0	1	1	1
FAGA099	0.0	150.3	PS2		0	0	0	0	40	230	0	1	1	1
FAGA099	0.0	171.8	PS2		0	0	0	0	65	230	0	1	1	1
FAGA099	0.0	180.1	PS2		0	0	0	0	70	230	0	1	1	1
FAGA099	0.0	183.5	PS2		0	0	0	0	65	230	0	1	1	1
FAGA099	0.0	188.1	PS2		0	0	0	0	66	230	0	1	1	1
FAGA099	131.4	189.6	PS2	P	0	0	0	0	0	0	0	1	1	1

DDH: FAGA099 UTM-N: 904,870.5 UTM-E: 592,518.2 UTM-ELEV: 1,285.8 TOTAL DEPTH: 189.5 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
FAGA099	47.5	48.6	G		0	0	C	C	0	0	1
FAGA099	66.0	103.5	1G		0	0	0	C	0	0	1
FAGA099	127.6	133.8	1G		0	0	0	C	0	0	1
FAGA099	133.8	138.5	2G		60	200	65	40	99	999	1
FAGA099	162.0	169.3	R		0	0	0	C	0	0	1

DDH: FAGA099 UTM-N: 904,870.5 UTM-E: 592,518.2 UTM-ELEV: 1,285.8 TOTAL DEPTH: 189.5 SECTION: W 66
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGA099	1	2
FAGA099	2	2
FAGA099	3	2
FAGA099	4	1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 75-A99

Project: Grum Relog

Location: Vangorda Plateau

Claim:

UTM ~~Terr.~~ Plane Co-ords.: 6904870.5173 N

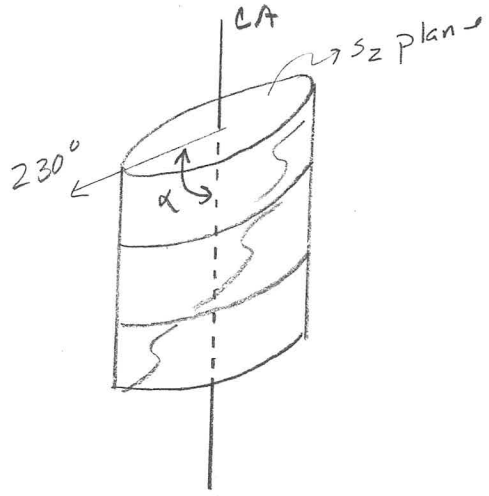
1979 HEW Orthophoto Survey 592518.1883 E

Grid Co-ords.: 66W/6N

Elevation: 1285.8

Total Depth: 189.0 m (622ft)

Fabric Orientation Diagram:



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

Purpose: sfd zones checked by JSM prior to sampling 6/81

Re Logged by: JSM Date(s) Logged: Aug. 16 + 18 1980

Drilling Contractor:

Core: Size	From	To
BQ	0	189.0

Collar Cased and Capped:

Started: July 30, 1975 Completed: Aug 1, 1975

Cyprus Anvil Mining Corp.

Diamond Drill Core Log

DDH 75-A099

Code	Drillhole	Elevation	Northing	Easting	Comments
1	2 8	10 16	17 24	25 32	34 48
T	75-A099	1285.8	9048701.5	592518.2	METRES

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2 8	10 14	22 26	28 32	34 56
R	75-A099	0.0	180.0	0.0	AT COLLAR
R	75-A099	611.0	175.0	173.0	SPERRY SUN
R	75-A099	1151.8	165.0	171.0	
R	75-A099	1716.8	162.0	176.0	
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 75-A099 (2 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Logged By: JSM

Code	From	To	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
L	0 0	42 1	1		O/B
L	42 1	445	2	5B6	
L	445	456	3	4L0	no sfds
L	456	475	4	5B6	
L	475	486	5	5B6	gouge
L	486	612	6	5B6	gray phyllite
L	612	619	7	5B7	? thin 5D3 @ TOI (green laminarly banded grading to 5B w/ tuffaceous mat'l?
L	619	652	8	4A0	locally 4A4 w/ 5-10% PbZn, locally 5A
L	652	6600	9	4L1	extremely siliceous, very minor Py
L	6600	10355	10	5B6	minor 5D3 interbed, minor po blebs, biotite 71.0-72.0, minor local bleaching, minor QQ0, minor gouge
L	10355	10588	11	4L0	bleached unit 10, no sfds
L	10588	10899	12	5B6	EOI becomes increasingly bleached
L	10899	10998	13	3D4	? calcareous biotite phyllite @ TOI. Then green calc-sil interrupted by 0.3m QQ0. Then calcareous chlorite phyllite possibly 5D3
L	10998	11103	14	4L0	of 4L2 minor Py
L	11103	12123	15	5B6	incipient white mica @ TOI
L	12123	12766	16	4L0	minor po + Py
L	12766	13388	17	5B6	minor 4L1, minor gouge
L	13388	13855	18	4L4	25% of interval is gouge (gouge zones usu 0.2m), 0.15m of 4E4 @ 137.4, otherwise minor sfds
L	13855	13991	19	4EL	4E4 or 4D4 +4G4 w/ patches + bands of 4L } 7-10% PbZn
L	13991	13995	20	4H0	
L	13995	14042	21	5D0	? looks like laminarly banded 5D but biotite instead of chlorite
L	14042	14112	22	4E4	(4E46?) ~15% PbZn
L	14112	14499	23	4G4	locally 4G48 esp @ 143.9 ~10% PbZn locally up to 15-20% BaSO4
L	14499	14755	24	4E4	(4E46?)
L	14755	15541	25	4G4	~15% BaSO4 ~7-15% PbZn locally 4G48 esp 148.8 10-15% interbeds of altered 5D
L	15541	15553	26	4E8	~5% PbZn minor mgt (4E1)
L	15553	16112	27	4C0	~60% py 40% qtzite 1-3% PbZn trace cpy V. minor graphite 4A1 @ 159.7

@ 134.6M gouge ≈ 60° c.a. along 200° DLA assuming 230 for S_2
@ 135.0M gouge ≈ 65° to c.a. along direction 040 DLA assum. S_2 @ 230° DLA i.e. opp. dir.
@ 137.9 ≈ 11 S_2 or 70° along 230° DLA

DDH 75-A099 (2 … 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Logged By: JBM

Code	From	To	Unit	Code	Description
1	10 … 14	16 … 20	22 23	25 … 27	
L	1161 2	1162 0	28	5D4	3 buff orange massive w/ minor maripositc blebs
L	1162 0	1693	29	4CE	chewed up core ie frequent rubble zones. Borderline 4C/4E → would go w/ 4C0 A81
L	1693	1706	30	4C7	
L	1706	1824	31	4L4	1-2% PbZn red sph + gn.
					Note fairly abundant pink garnets
L	1824	1884	32	5D3	Looks like 5D laminarly banded w/ chlorite going (50:50) to biotite. Thin interbed of 4LO
					Minor pink garnets
L	1884	1896	33	4L0	
		EOH			

DDH 75-A09-9 (2 / 8) Cyprus Anvil Mining Corp. Page 5 of 6

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		42 1					O/B
S		42 8	P S 1 2			60 230	P region 42.7 - 54.7
S		47 4	P S 1 2			60 230	↳ one Z determination
S		51 2 3	P S 1 2			57 230	
S		54 7	F 1 2 P				S region 54.7 - 64.7
S		57 6	C S 1 2			60 230	
S		62 3	C S 1 2			55 230	
S		64 7	F 1 2 Z				Z region 64.7 - 85.4
S		67 7	C S 1 2			69 230	
S		72 2	C S 1 2			59 230	
S		77 7	C S 1 2			63 230	
S		82 3	C S 1 2			67 230	
S		85 4	F 2 M				S region 85.4 - 97.2
S		87 5	C S 1 2			61 230	
S		92 0	C S 1 2			75 230	
S		97 0	C S 1 2			68 230	
S		97 2	F 1 2 S				M region 97.2 - 102.4
S		101 0	C S 1 2			68 230	
S		102 4	F 1 2 M				Z region 102.4 - 131.4
S		105 9	C S 1 2			70 230	
S		110 5	C S 1 2			70 230	
S		115 3	C S 1 2			68 230	
S		120 3	C S 1 2			70 230	
S		125 6	C S 1 2			62 230	
S		130 4	C S 1 2			60 230	
S		131 4	F 1 2 Z				P region 131.4 - 138.5
S		135 3	P S 1 2			60 230	
S		138 5	F 1 2 P				R region 138.5 - 182.4
S		150 3	P S 1 2			40 230	→ SD interpd in sfds
S		171 8	P S 1 2			65 230	
S		180 1	P S 1 2			70 230	
S		182 4	F 1 2 R				P region 182.4
S		183 5	P S 1 2			65 230	↳ two "S" determinations
S		188 1	P S 1 2			61 6 230	
S		189 6	F 1 2 P				EOH

DDH 75-AO99

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

Logged By: JSM

Sampled By: KA

Code	From	To	Sample No.				Description
P	1624	1640	22212	KA	1.6	1.6	4AO
P	1385	1395	22213	KA	1.0	1.0	4EL, 4HO
P	1405	1416	22214	KA	1.1	1.1	4E4, 4G4
P	1416	1423	22215	KA	0.7	0.7	4G4
P	1423	1439	22216	KA	1.6	1.6	4G4
P	1439	1454	22217	KA	1.5	1.5	4G4 4E4
P	1454	1475	22218	KA	2.1	2.1	4E4(6?)
P	1475	1502	22219	KA	2.7	2.6	4G4
P	1502	1525	22230	KA	2.1	2.1	4G4
P	1525	1532	22231	KA	0.7	0.7	4G4
P	1532	1542	22232	KA	1.0	1.0	4E8
P	1542	1559	22233	KA	1.7	1.7	4CO
P	1559	1576	22234	KA	1.7	1.7	4CO
P	1576	1606	22235	KA	3.0	2.7	4CO
P	1606	1637	22236	KA	3.1	2.8	4CO, 5D43, 4CE
P	1637	1664	22237	KA	2.7	2.6	4CE
P	1664	1704	22238	KA	4.0	3.5	4CE, 4C7
P	1704	1734	22239	KA	3.0	2.9	4L4
P	1734	1768	22240	KA	3.4	3.3	4L4
P	1768	1783	22241	KA	1.5	1.5	4L4,
P	1783	1817	22242	KA	3.4	3.4	4L4

Logged in 1980, Checked + sampled 1981

DDH EAG A099 (2 / 8) Cyprus Anvil Mining Corp

Page ____ of ____

Logged by JSM + checked 1981

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

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
1	10 14	16 20	22 26	28 30	32 34	36 40	42
A	113855	113911	168188	106	06	4E1L	
A	113911	113955	168189	104	03	4HHQ	
							139.5-140.4 5DQ No sample
A	114004	114112	168910	108	08	4E14	(6?)
A	114112	114299	168911	117	17	4G14	
A	114299	114499	168912	120	20	4G14	
A	114499	114755	168913	126	26	4E41	(6?)
A	114755	114944	168914	119	19	4G14	
A	114944	115114	168915	120	20	4G14	
A	115114	115277	168916	113	13	4G14	
A	115277	115411	168917	114	14	4G41	
A	115411	115553	168918	112	12	4E181	(4E1)
A	115553	115766	168999	123	23	4C101	
A	115766	115911	169006	115	15	4C1Q	
A	115911	116112	70001	121	21	4C1Q	(4A1)
A	116112	116200	70002	108	07	5D143	ank, marip
A	116200	116388	70003	118	18	4C1E1	
A	116388	116554	70004	116	16	4C1E1	
A	116554	116644	70005	110	10	4C1E1	
A	116644	116799	70006	115	15	4C1E1	
A	116799	116933	70007	114	14	4C1E1	
A	116933	117066	70008	113	13	4C17	
A	117066	117233	70009	117	17	4L14	
A	117233	117400	70010	117	17	4L14	
A	117400	117588	70011	118	17	4L14	
A	117588	117766	70012	118	18	4L14	
A	117766	117933	70013	117	17	4L14	
A	117933	118113	70014	120	18	4L14	

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

DDH FAGA099 (2 … 8) Cyprus Anvil Mining Corp. Page ____ of ____

Structural Log Date: ____ Logged By: ____

meters

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
F	475	486	6G					
F	666	1035	1G					
F	1276	1338	1G					
F	1338	1385	2G		60 20P	65 040	9999	
F	1662	1693	R					

DIAMOND DRILL RECORD

LOGGED BY M. de Quadros

PROPERTY VANGORDA, GRUM JOINT VENTURE

HIW OLD SPERRY

LATITUDE 6N BEARING OF HOLE depth / bearing dip
0' 90°
200' NO 72° 85°
380' NO 77° 75°
580' NO 75° 72°

DEPARTURE 10 657.97 N 66W DIP OF HOLE

ELEVATION 7 821.61 E DIP TESTS
1296.41 M

STARTED July 30, 1975

COMPLETED August 1, 1975

Proposed:

DEPTH Ultimate: 189.0 m (622')

D.D.H. No. 75-A99 PAGE 1 of 6

CLAIM No.

N

DIRECTION AND DISTANCE FROM NE. CLAIM POST

metres FOOTAGE FROM	TO	DESCRIPTION	Rec. Ft.	Sample No.	metres Footage From	To	Sample Length	Assay Pb	Zn	Ag	Au	Cu	Assay x Feet Pb	Zn	Ag
0	42.1	OVERBURDEN - TRICONED; BW CASING													
42.1	44.5	QUARTZ - SERICITE PHYLLITE Light gray Broken, partly weathered. F2 uneven - 60-70°. Partly altered.	0.4/0.6		42.1	42.7									
			1.4/1.5			44.2									
44.5	46.3	QUARTZ - SERICITE PHYLLITE Bleached Very broken, pale whitish gray. Kaolinized.	1.5/2.1			46.3									
46.3	62.2	QUARTZ - SERICITE PHYLLITE Light gray Banded, well foliated and moderately fissile. F1 visible as small "S" streaks but generally almost totally destroyed. F2 dominant, generally 60-70°. Occasionally in folds about horizontal axis. These folds seldom persist for more than 5 cm. Minor tension fractures. 46.3-47.5 -- broken into 4-6 cm pieces, partially altered	1.2/1.2		46.3	47.5									
		-48.2 -- gray gouge with rock fragments	0.5/0.7			48.2									
		-49.0 -- as at 46.3-47.5	13.9/14.0			62.2									
		-60.1 -- massive, compact, unbroken. F2 60-70°. Minor pyrite Pyrite layer at 55.93-55.95.													
		60.1-62.2 -- as above. F2 70-80°.			62.2										

DIAMOND DRILL RECORD

LOGGED BY M. de Quadros

PROPERTY

LATITUDE BEARING OF HOLE STARTED

DEPARTURE DIP OF HOLE COMPLETED

ELEVATION DIP TESTS DEPTH Proposed: Ultimate:

D.D.H. No. 75-A99 PAGE 2 of 6

CLAIM No.

N

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec. Ft.	Sample No.	Footage From	Footage To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Feet Pb	Assay x Feet Zn	Assay x Feet Ag
62.2	65.2	QUARTZ - GRAPHITE - SERICITE? - PHYLLITE Dark gray to black. Highly banded and folded, very fissile. Sulphides parallel to F2 foliation, increasing downward. 62.2-62.4 -- trace of sulphides. F2 60°. -63.0 -- F2 variable 45-60°. Fold axis @ 62.7 horizontal. 2-3% lead-zinc, 3-5% pyrite. -64.0 -- tightly folded. F2 60°. 8-10% lead-zinc, 5-6% pyrite. -65.2 -- F2 60-70°. 64.90-64.95 -- 10% lead-zinc but essentially barren overall (less than 0.5%)	0.2/ 0.2		62.2	62.4									
			1.6	2222		64.0	1.6	1.33	4.38	.62					
65.2	85.6	QUARTZ - SERICITE PHYLLITE Light to medium gray As in 46.3-65.2 with minor bleached and chloritic zones. F2 consistently 70-80° to C.A. 65.2-67.5 -- bleached and silicified -69.2 -- with chlorite. F2 60-70°. 69.2-70.7 -- F2 70-80° more fissile -71.3 -- F2 70-80°; silicified. Note: development of a third foliation cutting F2 F3? 30-40° to C.A. 5% pyrite, trace of lead-zinc. -72.3 -- F2 60-70° -73.2 -- broken, with gouge -74.1 -- F2 60-70°; broken -74.4 -- F2 50-60° with gouge -85.6 -- competent good core. F1 better developed; subvertical	8.6/ 8.7		64.0	82.7									
			6.8/ 6.9		82.7	85.6									

DIAMOND DRILL RECORD

LOGGED BY J. Paxton

PROPERTY

LATITUDE BEARING OF HOLE STARTED

DEPARTURE DIP OF HOLE COMPLETED

ELEVATION DIP TESTS DEPTH Proposed: Ultimate:

D.D.H. No. 75-A99 PAGE 3 of 6

CLAIM No.

N

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec. Ft.	Sample No.	Footage From	Footage To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Feet Pb	Assay x Feet Zn	Assay x Feet Ag
85.6	90.5	FAULT ZONE													
		Broken rock and gouge	4.1/		85.6	90.5									
		85.6-86.1 -- black gouge	4.9												
		-88.2 -- broken quartz-graphite phyllite													
		-90.5 -- broken quartz-sericite phyllite with minor graphitic layers.													
90.5	101.2	QUARTZ - SERICITE PHYLLITE Light gray													
		Banded, well foliated, poorly fissile rock. Numerous small concordant and disconcordant quartz lenses. F1 well developed,	10.5/		90.5	101.2									
		tending to be subvertical and F2 varies from 60-70°. Few	10.7												
		narrow zones (2-3 cm) which show alteration and some powdery													
		kaolin, more rarely few quartz crystals. Grades downwards into													
		a quartz sericite chloritic phyllite at 101.2. Pyrite throughout													
101.2	122.8	QUARTZ - SERICITE - CHLORITE PHYLLITE Banded greenish gray.													
		More fissile and more banded than above but with gradational	2.8/		101.2	103.9									
		boundary. Quartz lenses often pyritic. Again, occasional	2.8												
		developement of a third foliation cutting F2, especially at 103.6	18.7/			122.8									
		-103.8. Chlorite decreases downward rock grading to a quartz-	18.9												
		sericite phyllite from 122.5-122.8.													
122.8	138.5	BLEACHED SERICITE PHYLLITE Grayish buff													
		Competent bleached and partly silicified with coarse muscovite	15.3/		122.8	138.5									
		flakes in lenses. Partly broken and gougy. Minor pyrite and pyrrhotite.													

DIAMOND DRILL RECORD

LOGGED BY M. de Quadros

PROPERTY

LATITUDE BEARING OF HOLE STARTED

DEPARTURE DIP OF HOLE COMPLETED

ELEVATION DIP TESTS DEPTH Proposed: Ultimate:

D.D.H. No. 75-A99 PAGE 4 of 6

CLAIM No.

N — DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec. Ft.	Sample No.	Footage From	Footage To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Feet Pb	Assay x Feet Zn	Assay x Feet Ag
		122.8-124.2 -- competent, hard, well bedded; F2 70°.													
		-124.8 -- very broken, poor recovery -131.6 -- more competent; F2 70-80°													
		-133.7 -- broken with minor gouge especially at 131.8-131.9 Fractured with small subvertical slips													
		-136.9 -- broken with gouge. Much talcy coating on core -137.1 -- quartz-sulphide rock; pyrite 30-40%, 8-10% lead-zinc													
		-137.3 -- bleached quartz-sericite phyllite; barren -137.4 -- massive sulphide: 60-65% pyrite, 6-8% lead-zinc													
		-138.5 -- bleached quartz-sericite phyllite; talcy, broken, F2 45°													
138.5	166.4	MIXED QUARTZ AND MASSIVE SULPHIDES													
		Variable in texture and content -- details below 138.5-139.5 -- quartz sulphide, 30-40% pyrite, 6-8% lead-zinc F2 60°	1.0	2223	138.5	139.5	1.0	4.50	5.04	1.91					
		-140.4 -- bleached quartz-sericite phyllite barren; F2 45°	1.0/ 1.0			140.5									
		-141.6 -- massive sulphide, 60% pyrite, 10-12% lead-zinc F2 60°	1.1	2224		141.6	1.1	8.08	7.35	2.82			8.888	8.085	3.102
		-142.3 -- quartz sulphide, 40% pyrite, 10-12% lead-zinc barite	0.7	2225		142.3	0.7	2.43	5.40	1.21			1.701	3.78	.847
		-143.9 -- massive sulphide, 50% pyrite, 11% lead-zinc barite	1.6	2226		143.9	1.6	3.83	4.38	1.18			6.128	7.008	1.888
		-145.4 -- mixed sulphides, 40% pyrite, 6-8% lead-zinc F2 70°	1.5	2227		145.4	1.5	3.08	4.32	1.21			4.62	6.48	1.815
		-147.5 -- massive sulphide, 60% pyrite, 6-8% lead-zinc F2 70°	2.1	2228		147.5	2.1	2.30	3.30	.88			4.83	6.93	1.848
		-150.2 -- quartz sulphide, 20% pyrite, 10-12% lead-zinc F2 80°	2.6	2229		150.2	2.7	5.63	7.43	2.18			15.201	20.061	5.886
		-150.4 -- quartz-chlorite-fuschite rock; barren F2 45°	0.2/ 0.2			150.4									

DIAMOND DRILL RECORD

LOGGED BY M. de Quadros

PROPERTY

LATITUDE BEARING OF HOLE STARTED

DEPARTURE DIP OF HOLE COMPLETED

ELEVATION DIP TESTS DEPTH Proposed: Ultimate:

D.D.H. No. 75-A99 PAGE 5 of 6

CLAIM No.

N — DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec. Ft.	Sample No.	Footage From	Footage To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Feet Pb	Assay x Feet Zn	Assay x Feet Ag
		-152.5 -- quartz-sulphide, 15-20% pyrite, 10% lead-zinc F2 80°	2.1	2230		152.5	2.1	4.73	7.84	2.06			9.933	16.464	4.326
		-153.2 -- quartz-sericite, 10% pyrite, 4% lead-zinc, F2 60°	0.7	2231		153.2	0.7	3.00	3.96	1.32			2.10	2.772	.924
		-154.2 -- mixed sulphides, 50% pyrite, 10-12% lead-zinc F2 80°	1.0	2232		154.2	1.0	6.90	10.31	2.97			6.90	10.31	2.97
		-155.9 -- massive sulphide; 60% pyrite, 4-6% lead-zinc F2 70°	1.7	2233		155.9	1.7	1.93	1.08	.91			3.281	1.836	1.547
		-157.6 -- quartz sulphide, 30% pyrite, 6% lead-zinc chalcopyrite	1.7	2234		157.6	1.7	.95	.34	.47			1.615	0.578	0.799
		-160.6 -- quartz sulphide, 20% pyrite, 3% lead-zinc, broken	2.7	2235		160.6	3.0	.23	.16	.26			.69	.48	.78
		-163.7 -- quartz sulphides, 15% pyrite, 1-2% lead-zinc, broken (161.0-161.5 - quartz sericite phyllite bleached barren)	2.8	2236		163.7	3.1	.13	.08	.21			0.403	0.248	0.651
			Wt. Average		136.5	147.5	9.0	3.41	4.15	1.27			30.667	37.323	11.410
		-166.4 -- massive sulphide, 60% pyrite, 3-4?% lead-zinc, pyrrhotite, F2 80°			147.5	154.2	6.7	5.09	7.40	2.105			34.134	49.607	14.106
			2.6	2237		166.4	2.7	.33	.54	.32			0.891	1.458	0.864
			Wt Average		154.2	166.4	12.2	0.56	0.38	0.38			6.88	4.60	4.641
			WT AV		138.5	141.6	3.1	4.32	4.23	55.4			13.388	13.125	5.012
166.4	182.5	BLEACHED MINERALIZED QUARTZ - SERICITE PHYLLITE Buff	WT. AV		141.6	197.5	5.9	2.93	4.10	37.2			17.279	24.198	6.398
		Mineralization mostly pyritic but also minor lead-zinc especially galena rather coarse, pyrrhotite, magnetite and few traces of chalcopyrite. F2 consistent at 60-70°. Gradational from unit above to unit below.													
		166.4-170.4 -- quartz-sericite, 15% pyrite, 1-2% lead-zinc, broken	3.5	2238	166.4	170.4	4.0	1.43	1.00	.65			5.72	4.00	2.60
		-173.4 -- quartz-sericite, 10% pyrite, 1% lead-zinc	2.9	2239		173.4	3.0	.23	.58	.18			.69	1.74	.54
		-176.8 -- quartz-sericite, 8-10% pyrite, 1% lead-zinc	3.3	2240		176.8	3.4	.78	1.34	.29			2.652	4.556	0.986
		-178.3 -- quartz-sericite, 8% pyrite, 0.5% lead-zinc	1.5	2241		178.3	1.5	.35	.66	.18			0.525	0.99	0.27

DIAMOND DRILL RECORD

LOGGED BY M. de Quadros

PROPERTY

LATITUDE BEARING OF HOLE STARTED

DEPARTURE DIP OF HOLE COMPLETED

ELEVATION DIP TESTS DEPTH Proposed: Ultimate:

D.D.H. No. 75-A99 PAGE 6 of 6

CLAIM No.

N — DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec. Ft.	Sample No.	Footage From	Footage To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Feet Pb	Assay x Feet Zn	Assay x Feet Ag
		-181.7 -- quartz-sericite, 5% pyrite, 0.5% lead-zinc	3.4	2242		181.7	3.4	.20	.34	.03			0.68	1.156	0.102
		-182.5 -- quartz-sericite, trace	0.8/ 0.8			182.5									
					166.4	181.7	15.3	0.67		0.29			10.267	12.442	4.498
				Wt. Average	154.2	181.7	27.5	0.62		0.33			17.147	17.042	9.139
182.5	189.6	CALCITE - SERICITE - CHLORITE BANDED PHYLLITE Gray-green	"	"	155.9	166.4	10.5	0.35	0.26	0.29					
		Fine-grained banded, competent, fissile, well foliated rock. F1 visible in less sericitic bands. F2 consistent at 70-80°.	7.0/ 7.1		182.5	189.6									
					166.4	181.8	10.4	0.87	0.99				9.062	10.296	
	189.6	END OF HOLE	Wt. Av.		176.8	181.7	4.9	0.25	0.44				1.205	2.146	
		REMARKS: 1. Good fast drilling.													

DDH: FAGA099 -- 42 DEGREE PROFILE

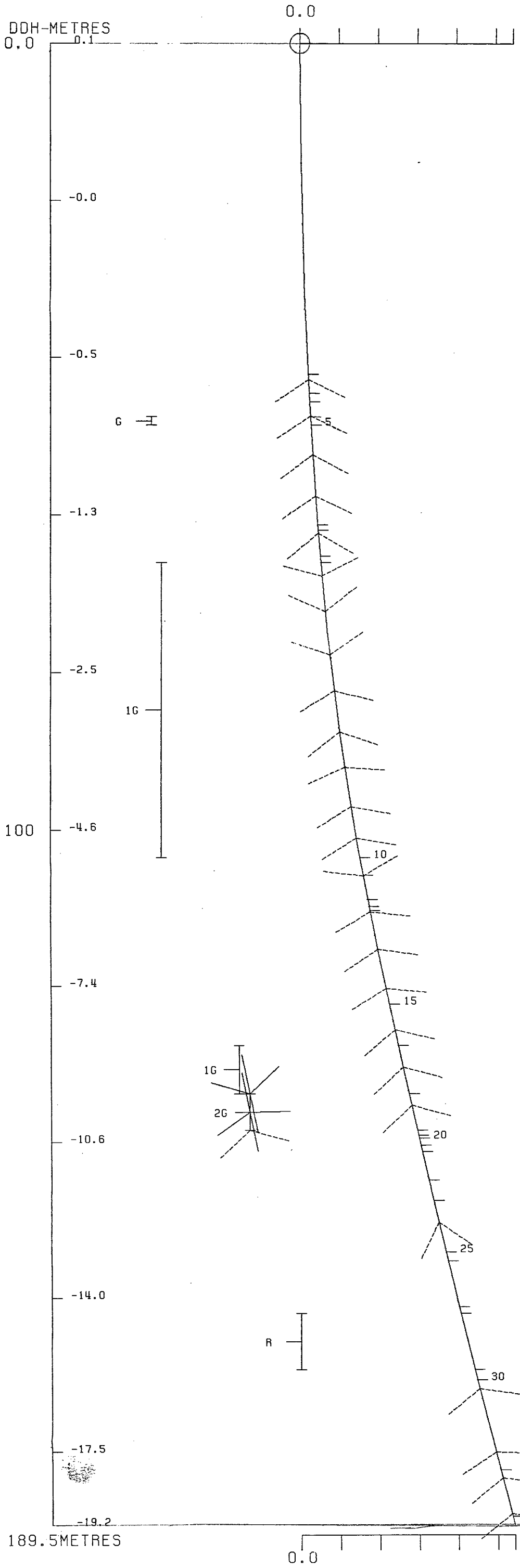
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1286 592518E ; 904871N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 552.3 Z = 1285.8

SECTION NAME: 66W



ELEVATION ABOVE S.L.

+ 1250 M.

+ 1200 M.

+ 1150 M.

+ 1100 M.

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 22 MAY 1984 2:30 PM

DDH: FAGA099 -- 42 DEGREE PROFILE

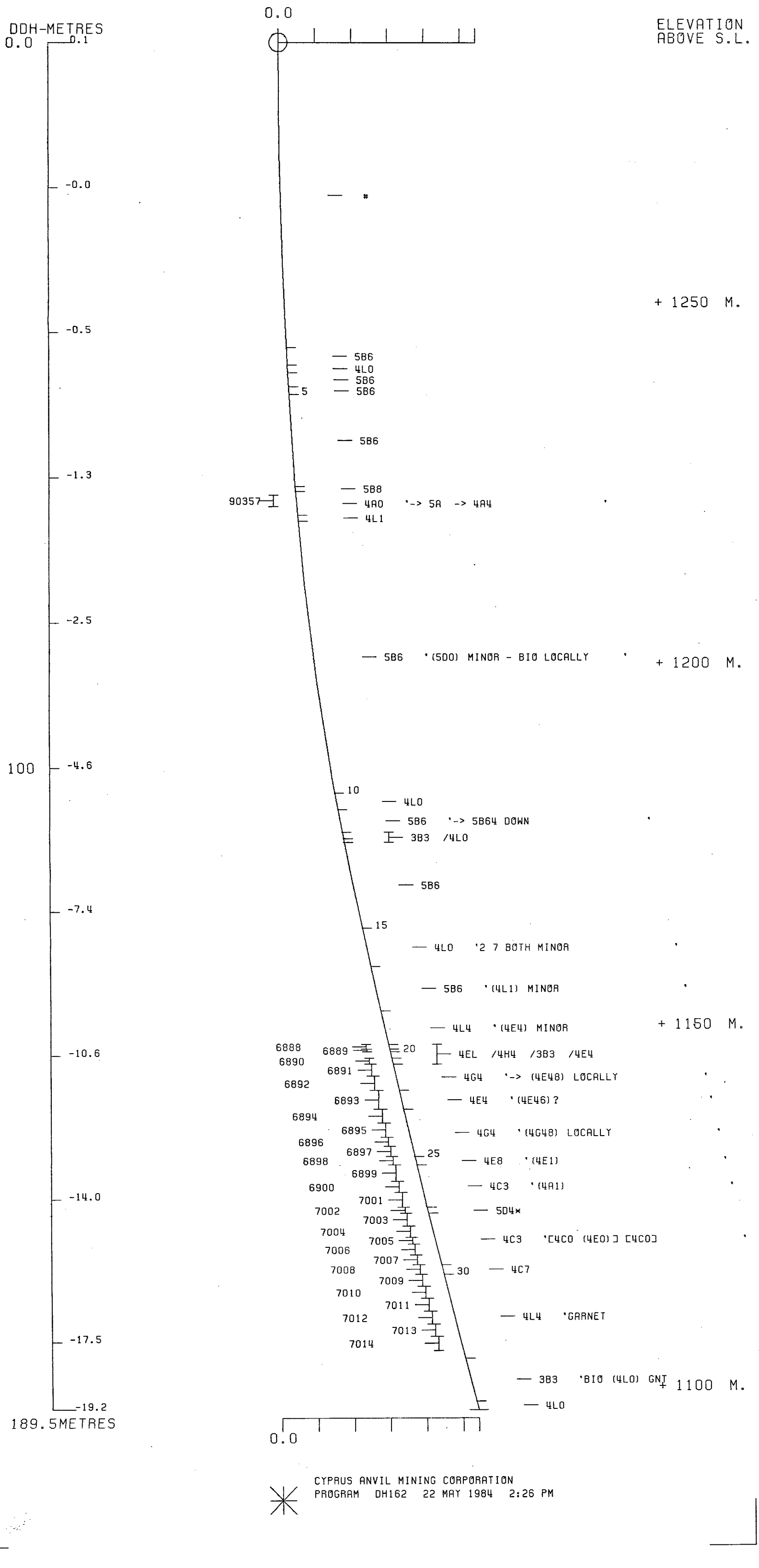
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1286 592518E ; 904871N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 552.3 Z = 1285.8

SECTION NAME: 66W



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 22 MAY 1984 2:26 PM


FAGA109

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
FAGA109	9016	129.2	131.5	2.3	100	4D4#	3.38	.06	2.90	3.80	46.0	.48	3.09	7.20		6.70	10.29	.57
	9017	131.5	134.5	3.0	83	4A0	3.23	.05	1.54	3.20	25.0	.48	1.49	5.50		4.74	6.99	.68
	9018	134.5	135.8	1.3	92	4DL4	3.44	.04	3.60	4.90	60.0	.41	1.37	8.70		8.50	10.07	.58
	9019	135.8	138.5	2.7	100	4G4#	4.50	.04	6.90	10.30	104.0	.41	.98	12.00		17.20	12.98	.60
	9020	138.5	141.2	2.7	100	4G4#	4.80	.09	5.10	8.00	92.0	.75	1.02	17.20		13.10	18.22	.61
	9021	141.2	143.9	2.7	100	4G4#	4.25	.09	5.00	7.20	91.0	.96	.95	15.70		12.20	16.65	.59
	9022	143.9	146.5	2.6	100	4GD#	4.67	.11	3.50	5.10	69.0	1.03	1.60	28.10		8.60	29.70	.59
	9023	146.5	148.5	2.0	80	4E48	4.63	.10	16.20	10.30	172.0	1.10	6.06	16.20		26.50	22.26	.39
	9024	148.5	150.6	2.1	95	4A34	3.31	.09	4.10	4.50	54.0	.96	1.49	10.90		8.60	12.39	.52
	9025	155.8	157.9	2.1	100	4CL		.38	.17	.33	13.0					.50		.66
	9026	157.9	159.1	1.2	100	4L172		.12	.51	1.22	13.0					1.73		.71
	9027	159.1	160.7	1.6	100	4A3		.24	.15	.21	11.0					.36		.58
	9028	160.7	161.5	.8	100	4C0		.22	.09	.29	4.0					.38		.76
	9029	161.5	164.4	2.9	69	4A3		.12	.18	.21	10.0					.39		.54

DDH	SAMPLE	ROCK UNIT	NORMATIVE MINERALS - WEIGHT % CPY	GA	SP	PO	PY	BAR	OTHER	*	NORMATIVE MINERALS - VOLUME % CPY	GA	SP	PO	PY	BAR	OTHER
FAGA109	9016	4D4#	.17	3.35	5.67	4.86	15.48		70.47	*	.13	1.41	4.47	3.33	9.77		80.88
	9017	4A0	.14	1.78	4.77	2.34	11.83		79.14	*	.10	.72	3.60	1.54	7.14		86.90
	9018	4DL4	.12	4.16	7.30	2.15	18.71		67.56	*	.09	1.78	5.86	1.50	12.00		78.78
	9019	4G4#	.12	7.97	15.36	1.54	25.81		49.21	*	.10	3.75	13.55	1.18	18.22		63.19
	9020	4G4#	.26	5.89	11.93	1.60	36.99		43.33	*	.23	2.87	10.91	1.28	27.07		57.65
	9021	4G4#	.26	5.77	10.73	1.49	33.76		47.97	*	.22	2.75	9.57	1.16	24.08		62.22
	9022	4G0#	.32	4.04	7.60	2.52	60.43		25.09	*	.31	2.22	7.83	2.25	49.79		37.59
	9023	4E48	.29	18.71	15.36	9.53	34.84		21.28	*	.30	10.76	16.56	8.94	30.06		33.38
	9024	4A34	.26	4.74	6.71	2.34	23.44		62.51	*	.20	2.08	5.54	1.68	15.47		75.02
	9025	4CL	1.10	.20	.49				98.21	*							
	9026	4L172	.35	.59	1.82				97.25	*							
	9027	4A3	.69	.17	.31				98.82	*							
	9028	4C0	.64	.10	.43				98.83	*							
	9029	4A3	.35	.21	.31				99.13	*							

DRILL HOLE : FAGA109
NORTHING : 904,915.4
EASTING : 592,559.0
ELEVATION : 1,289.5
TOTAL DEPTH : 190.8
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: 14
NOS DOWN-H-SURVEYS: 4
NOS DOWN-H-LITHOLOGY: 32
NOS DOWN-H-STRUCTURE: 40
NOS DOWN-H-FAULTS: 19
NOS DOWN-H-SPLINES: 4
NOS COMPOSITES: 0

DDH: FAGA109 UTM-N: 904,915.4 UTM-E: 592,559.0 UTM-ELEV: 1,289.5 TOTAL DEPTH: 190.8 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.
129.2	131.5	09016	2.3	2.3	4D4#	3.38	.06	2.90	3.80	46.00		.48	3	7	10						
131.5	134.5	09017	3.0	2.5	4A0	3.23	.05	1.54	3.20	25.00		.48	1	5	6						
134.5	135.8	09018	1.3	1.2	4DL4	3.44	.04	3.60	4.90	60.00		.41	1	8	10						
135.8	138.5	09019	2.7	2.7	4G4#	4.50	.04	6.90	10.30	104.00		.41		12	12						
138.5	141.2	09020	2.7	2.7	4G4#	4.80	.09	5.10	8.00	92.00		.75	1	17	18						
141.2	143.9	09021	2.7	2.7	4G4#	4.25	.09	5.00	7.20	91.00	90.00	.96		15	16						
143.9	146.5	09022	2.6	2.6	4G0#	4.67	.11	3.50	5.10	69.00		1.03	1	28	29						
146.5	148.5	09023	2.0	1.6	4E48	4.63	.10	16.20	10.30	172.00		1.10	6	16	22						
148.5	150.6	09024	2.1	2.0	4A34	3.31	.09	4.10	4.50	54.00		.96	1	10	12						
155.8	157.9	09025	2.1	2.1	4CL		.38	.17	.33	13.00											
157.9	159.1	09026	1.2	1.2	4L172		.12	.51	1.22	13.00											
159.1	160.7	09027	1.6	1.6	4A3		.24	.15	.21	11.00											
160.7	161.5	09028	.8	.8	4C0		.22	.09	.29	4.00											
161.5	164.4	09029	2.9	2.0	4A3		.12	.18	.21	10.00											
WEIGHTED AVERAGE																					
129.2	150.6		21.4	20.3		4.05	.07	5.23	6.39	78.06	11.35	.73	1	13	15						
155.8	164.4		8.6	7.7			.21	.20	.38	10.77											

DDH: FAGA109 UTM-N: 904,915.4 UTM-E: 592,559.0 UTM-ELEV: 1,289.5 TOTAL DEPTH: 190.8 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
61.000	179.000	270.000
121.900	173.000	34.000
182.900	170.200	355.000

DDH: FAGA109 UTM-N: 904,915.4 UTM-E: 592,559.0 UTM-ELEV: 1,289.5 TOTAL DEPTH: 190.8 SECTION: W 66
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
42.3	0001	#		0.5-	1
51.5	0002	4A0	(5D0) TR	0.5-	1
52.1	0003	5D0		0.5-	1
53.7	0004	5B20	(4A0) 80:20	0.5-	1
57.8	0005	5B80	(5B20)	0.5-	1
71.6	0006	5A0		0.5-	1
75.5	0007	5B0		0.5-	1
79.0	0008	5B10		0.5-	1
83.6	0009	4L1	GARNET? (4E47) TR	0.5-	1
98.3	0010	5B0	(4L0)	0.5-	1
109.6	0011	4L0	&#	0.5-	1
112.6	0012	5B6		0.5-	1
120.7	0013	4L0	# MINOR	0.5-	1
129.2	0014	5B6		0.5-	1
131.5	0015	4DC#	(5D4*) (4A0 SERICITIC)	0.5-	1
134.5	0016	4A0		0.5-	1
135.8	0017	4L14	(4D0) (5D4*) MINOR	0.5-	1
146.5	0018	4G4#		0.5-	1
148.5	0019	4E4	&8 (4D4) 80:20	0.5-	1
150.6	0020	4A31		0.5-	1
153.8	0021	5B26	(4A) MINOR	0.5-	1
155.0	0022	4L1	&2	0.5-	1
155.8	0023	4L21	8 -> 4A?	0.5-	1
157.9	0024	4C0	&5 [4L14]	0.5-	1
159.1	0025	4L17	2	0.5-	1
160.7	0026	4A3		0.5-	1
161.5	0027	4C0	(5D4*)	0.5-	1
164.4	0028	4A3		0.5-	1
175.4	0029	4L1	(4L12 &4)	0.5-	1
177.1	0030	4L1	GARNET	0.5-	1
187.4	0031	5B86	GARNET + BIOTITE [3G0]	0.5-	1
190.8	0032	4L0		0.5-	1

DDH: FAGA109 UTM-N: 904,915.4 UTM-E: 592,559.0 UTM-ELEV: 1,289.5 TOTAL DEPTH: 190.8 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
FAGA109	0.0	52.3	CS2		0	0	0	0	70	230	0	1	1	1
FAGA109	0.0	57.7	CS2		0	0	0	0	60	230	0	1	1	1
FAGA109	0.0	63.2	CS2		0	0	0	0	81	230	0	1	1	1
FAGA109	42.3	64.5	CS2	M	0	0	0	0	0	0	0	1	1	1
FAGA109	64.5	65.7	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGA109	65.7	67.5	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGA109	0.0	70.8	CS2		0	0	0	0	74	230	0	1	1	1
FAGA109	67.5	70.8	CS2	D	0	0	0	0	0	0	0	1	1	1
FAGA109	0.0	74.8	PS2		0	0	0	0	81	230	0	1	1	1
FAGA109	0.0	79.6	PS2		0	0	0	0	81	230	0	1	1	1
FAGA109	0.0	84.8	PS2		0	0	0	0	37	230	0	1	1	1
FAGA109	70.8	85.0	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGA109	0.0	88.8	CS2		0	0	0	0	59	230	0	1	1	1
FAGA109	85.0	89.3	CS2	M	0	0	0	0	0	0	0	1	1	1
FAGA109	0.0	93.4	CS2		0	0	0	0	77	230	0	1	1	1
FAGA109	89.3	93.8	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGA109	0.0	101.8	PS2		0	0	0	0	50	230	0	1	1	1
FAGA109	0.0	106.6	PS2		0	0	0	0	72	230	0	1	1	1
FAGA109	93.8	107.3	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGA109	0.0	111.5	CS2		0	0	0	0	49	230	0	1	1	1
FAGA109	0.0	116.9	CS2		0	0	0	0	50	230	0	1	1	1
FAGA109	107.3	118.6	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGA109	0.0	122.9	PS2		0	0	0	0	70	230	0	1	1	1
FAGA109	0.0	128.4	PS2		0	0	0	0	62	230	0	1	1	1
FAGA109	0.0	134.1	PS2		0	0	0	0	69	230	0	1	1	1
FAGA109	0.0	143.7	PS2		0	0	0	0	68	230	0	1	1	1
FAGA109	0.0	149.0	PS2		0	0	0	0	80	230	0	1	1	1
FAGA109	118.6	149.0	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGA109	0.0	155.6	CS2		0	0	0	0	47	230	0	1	1	1
FAGA109	0.0	161.8	CS2		0	0	0	0	66	230	0	1	1	1
FAGA109	149.0	166.3	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGA109	0.0	170.3	PS2		0	0	0	0	74	230	0	1	1	1
FAGA109	0.0	175.3	PS2		0	0	0	0	69	230	0	1	1	1
FAGA109	166.3	175.4	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGA109	0.0	180.1	CS2		0	0	0	0	82	230	0	1	1	1
FAGA109	175.4	180.7	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGA109	0.0	182.7	CS2		0	0	0	0	63	230	0	1	1	1
FAGA109	180.7	183.3	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGA109	0.0	187.8	PS2		0	0	0	0	70	230	0	1	1	1
FAGA109	183.3	190.8	PS2	P	0	0	0	0	0	0	0	1	1	1

DDH: FAGA109 UTM-N: 904,915.4 UTM-E: 592,559.0 UTM-ELEV: 1,289.5 TOTAL DEPTH: 190.8 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
FAGA109	77.5	77.7	S		0	0	0	0	0	0	1
FAGA109	90.9	91.0	G		0	0	0	0	0	0	1
FAGA109	0.0	102.8	G		0	0	99	999	0	0	1
FAGA109	0.0	103.1	G		0	0	0	0	0	0	1
FAGA109	0.0	104.3	G		0	0	99	999	0	0	1
FAGA109	0.0	104.5	G		0	0	99	999	0	0	1
FAGA109	105.2	105.3	G		0	0	0	0	0	0	1
FAGA109	109.3	109.5	G		0	0	99	999	0	0	1
FAGA109	114.6	114.8	G		0	0	99	999	0	0	1
FAGA109	119.4	119.5	G		0	0	0	0	0	0	1
FAGA109	0.0	127.4	G		0	0	0	0	0	0	1
FAGA109	130.3	130.6	BG		0	0	99	999	0	0	1
FAGA109	137.0	137.2	1D		0	0	0	0	0	0	1
FAGA109	152.9	153.3	3QX		0	0	0	0	0	0	1
FAGA109	182.4	182.5	X		0	0	0	0	0	0	1
FAGA109	182.7	182.8	X		0	0	0	0	0	0	1
FAGA109	188.5	188.6	S		0	0	0	0	0	0	1
FAGA109	188.8	188.9	S		0	0	0	0	0	0	1
FAGA109	190.1	190.5	S		0	0	0	0	0	0	1

DDH: FAGA109 UTM-N: 904,915.4 UTM-E: 592,559.0 UTM-ELEV: 1,289.5 TOTAL DEPTH: 190.8 SECTION: W 66
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGA109	1	2
FAGA109	2	2
FAGA109	3	2
FAGA109	4	1

**THIS REPORT WAS REQUESTED BY: LEEP .GEOLOGY AT: 10:48:45

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 75-A109

Project: GRUM RELOG

Location: VANGORDA PLATEAU

Claim: _____

UTM
Terr. Plane Co-ords.: 6,904,915.41 N

1979 HIW orthophoto Survey

592,558.99 E

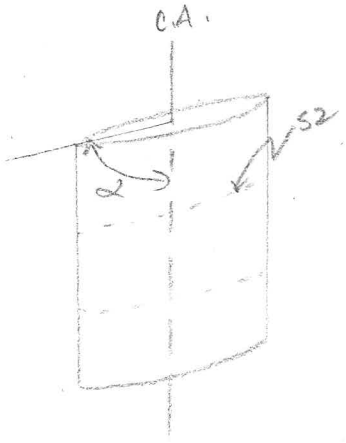
Grid Co-ords.: 66W/8N

_____

Elevation: 1289.49

Total Depth: 190.8 m

Fabric Orientation Diagram:



All symmetry determinations looking

NW with S2 dipping

SW with dip azimuth 230.

Purpose: _____

RI
Logged by: RN

Date(s) Logged: AUG. 19-21, 1980

Drilling Contractor: _____

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

Started: AUG. 18/75 Completed: AUG. 22/75

Cyprus Anvil Mining Corp.
Diamond Drill Core Log

DDH 75-A-109

Code	Drillhole	Elevation	Northing	Easting	Comments
1	2 8	10 16	17 24	25 32	34 48
T	75-A-109	1289.5	9049154.4	592559.0	METRES

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2 8	10 14	22 26	28 32	34 56
R	75-A-109	0.0	180.0	0.0	ATCOLLAR
R	75-A-109	61.0	179.0	270.0	SPERRY SUN
R	75-A-109	121.9	173.0	34.0	
R	75-A-109	182.9	170.2	355.0	
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 75-A109 (2 / 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Logged By: PN

Code	From	To	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
L	10	42.3	11		O/B
L	42.3	51	2	4A10	no core from 42.3 – 50.2 m; minor py blebs; 3 cm. of 5DO at 50.2 m;
L	51	52	3	5DD	minor py blebs;
L	52.1	53.7	4	5B12	calcareous; 4A0 52.1 – 52.9 m;
L	53.7	57.8	5	5BB	very small py blebs; bt development; interbanded w/ calcareous 5B2;
L	57.8	71.6	6	5A10	elongated py blebs;
L	71.6	75.5	7	5B10	med. grey; minor calcite fracture fillings w/ small py stringers;
L	75.5	79.0	8	5B1	calcareous; minor py; sheared 77.5 – 77.7 m;
L	79.0	83.6	9	4L1	small (<1 mm) pink garnets ?? 80.2 – 80.6 m; 3 cm of 4E47 at 80.3 m;
L	83.6	98.3	10	5B10	4L0 w/ minor qtz-py leases 84.3 – 84.5 m; minor py blebs + stringers in qtz leases; very slightly calcareous although carbonate content increases towards bottom of hole; gouge 90.9 – 91.0 m;
L	98.3	109.6	11	4L0	minor py, po blebs; chl content varies; gouge at 102.8, 103.1, 104.3, 104.5, 105.2 – 105.3 m; slightly calcareous in places; gouge 109.3 – 109.5 m;
L	109.6	112.6	12	5B16	minor py blebs; siliceous in parts;
L	112.6	120.7	13	4L0	minor py stringers; very slightly calcareous; sporadic chl development; minor interbands of 5B16; few po blebs; DBQ 115.8 – 115.9 m; gouge 114.6 – 114.8; 119.4 – 119.5 m;
L	120.7	129.2	14	5B16	minor graphitic layers; numerous narrow qtz – chl-po bands; very slightly calcareous in spots;
L	129.2	131.5	15	4D0	5% PbZn; slightly calcareous bands; broken core 130.3 – 130.6 m; minor thin bands of bleached tan 5D4; gouge @ 130.4 ≈ 11 S2 ?? & comp layering in sulfides
L	131.5	134.5	16	4A10	2% PbZn; 5B6 132.0 – 132.4, 133.5 – 133.9 m;
L	134.5	135.8	17	4C4	(4D0) ; slightly calcareous; few thin bleached tan 5D4 bands;
L	135.8	146.5	18	4G4	4L5 clasts 137.0 – 137.2 m; 10% PbZn; honey-coloured sph; calcareous; few mt blebs;
L	146.5	148.5	19	4E4	15% PbZn; mt-bearing; 4D4 148.0 – 148.5 m;

@ 102.8 gouge ≈ 11 S2 ?? indeterminate @ 103.1
@ 104.3 gouge ≈ 11 S2 ??
@ 104.5 ≈ 11 S2
@ 105.2 – 105.3 indeterminate but probably 11 S2
@ 109.3 – 109.5 gouge ≈ 11 S2 ??
@ 114.6 – 114.8 gouge ≈ 11 S2 / @ 119.4 – 119.5 " indeterminate
@ 127.4 gouge indeterminate

DDH 75-A109

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	1485	1510 6	20	4A3	1;1 % PbZn;
L	1506	1538	21	5B2	minn py, po blebs assoc. w/ qtz veins; 4L1 w/ py stringers 151.8 – 152.1 m; 153.3 – 153.6 m; non-calcareous; 4A6 152.9 – 153.3 m; numerous py tension-gash fillings;
L	1538	1550	22	4L1	minn py stringers & qtz veins;
L	1550	1568	23	4L2	4L2B; minn graphite layers;
L	1568	1579	24	4L1	minn carbonate fracture fillings; few graphitic layers
L	1579	1591	25	4L1	7Z;
L	1591	1607	26	4A3	
L	1607	1615	27	4C0	minn thin bands of calcareous bleached tan 5D4 w/ manganosite;
L	1615	1644	28	4A3	<3% PbZn;
L	1644	1754	29	4L1	po blebs; 4L2; minn PbZn; 5A1 172.7 – 173.0 m;
L	1754	1771	30	4L1	significant chl development; numerous small (< 2 mm) pink garnets; minn py; slightly calcareous;
L	1771	1874	31	5B8	significant chl-development; pink garnets & bt present; 4L65 – highly calcareous; minn py; somewhat brecciated w/ rounded phyllite & qtz clasts in a sulphide (py & gal) stringer matrix 182.4 – 182.5, 182.7 – 182.8 m;
L	1874	1910 8	32	4L0	minn chl. development; slightly calcareous; sheared 188.5 – 188.6 m, 188.8 – 188.9, 190.1 – 190.5 m;
		EOH			

DDH 75-AL09 (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		523	CS2			70 2310	minn scattered R regions; S/Z=50/50
S		577	CS2			60 230	
S		632	CS2			81 2310	
S		645	F2	M			S sym. 64.5 – 65.7m;
S		657	F2	S			Z sym. 65.7 – 67.5m; minn R regions;
S		675	F2	Z			D regim 67.5 – 70.8m;
S		708	CS2			74 2310	
S		708	F2	D			R regim 70.8 – 85.0m; minn P,
							lesser S & Z sym;
S		748	PS2			81 230	
S		796	PS2			81 230	
S		848	PS2			37 230	
S		850	F2	R			M regim 85.0 – 89.3m; S/Z = 2/1;
S		888	CS2			59 230	
S		893	F2	M			Z sym. 89.3 – 93.8m; minn D
							& P regions;
S		934	CS2			77 2310	
S		938	F2	Z			R regim 93.8 – 107.3m; minn
							Z sym;
S		1011	PS2			50 230	
S		1066	PS2			72 2310	
S		1073	F2	R			Z sym. 107.3 – 118.6m; minn
							R regions;
S		1115	CS2			49 2310	
S		1169	CS2			50 2310	
S		1186	F2	Z			R region 118.6 – 120.7m;
S		1207	F2	R			P region 120.7 – 129.2m; minn
							Z sym, & D regimes;
S		1229	PS2			70 2310	
S		1284	PS2			62 230	
S		1292	F2	P			R region 129.2 – 149.0m; 80%
							massive Sulphides;
S		1341	PS2			69 230	
S		1437	PS2			68 230	
S		1490	PS2			80 230	
S		1490	F2	R			S sym. 149.0 – 166.3 m; minn R regions;

DDH 25-A-09 (2 / 8)

Cyprus Anvil Mining Corp.
Structural Log

Logged By: PN

Code	From	To	Feature	Sym	S_1 Dip Direct.	S_2 Dip Direct.	Description
1	10 14	16 20	22 24	26	28 32	34 38	
S		1556	CS2			47 230	
S		1618	CS2			66 230	
S		1663	FZS				R regime 166.3 – 175.4 mj
S		1703	PS2			74 230	
S		1753	PS2			69 230	
S		1754	FZR				Z sym. 175.4 – 180.7 mj min R regime j
S		1801	CS2			82 230	
S		1807	FZS				S sym. 180.7 – 183.3 mj
S		1827	CS2			63 230	
S		1833	FZS				R regime 183.3 – 190.8 mj
S		1878	PS2			70 230	
		EOH					

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DDH EAC-1109 (2 — 8) Cyprus Anvil Mining Corp

Page _____ of _____

Logged by IN

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

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
	10 — 14	16 — 20	22 — 26	28 — 30	32 — 34	36 — 40	42
P	1127 2	1131 5	90116	123	23	4D101	(4AC) (ser. 2271
P	1131 5	1134 5	90117	120	25	4A101	(5B6) 2282 1
P	1134 5	1135 8	90118	113	19	4C41	(4D0) (5D4) 2282
P	1135 8	1138 5	90119	127	27	4G4H1	(4L5) 2283-4
P	1138 5	1141 2	90120	127	27	4G41	(4L5) 2285
P	1141 2	1439	90121	127	27	4G41	(4L5) 2286
P	1439	1465	90122	126	26	4G41	(4L5) 2287-8
P	1465	1485	90123	120	16	4E4H8	(4D4) 2289
P	1485	1506	90124	121	20	4A31	
			90125				
P	1508	1579	90125	121	21	4C4L10	
P	1579	1591	90126	112	12	4L172	
P	1591	1607	90127	116	16	4A31	
P	1607	1615	90128	108	108	4C101	(5D4)
P	1615	1644	90129	129	20	4A31	

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

DDH EAGA109 (2 8) Cyprus Anvil Mining Corp

Page 1 of 9

Logged by PN

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

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION	KA.
1	10 14	16 20	22 26	28 30	32 34	36 40	42	
P	1129 2	1131 5	901116	123	123	41D101	(4A0) (ser.	2279
P	1131 5	1134 5	901117	130	125	41A101	(5B6)	2280-1
P	1134 5	1135 8	901118	113	112	41C1L1	(4D0) (5D4)	2282
P	1135 8	1138 5	901119	127	127	41G141	(4L5)	2283-4
P	1138 5	1141 2	901120	127	127	41G141	(4L5)	2285
P	1141 2	1143 9	901121	127	127	41G141	(4L5)	2286
P	1143 9	1146 5	901122	126	126	41G141	(4L5)	2287-8
P	1146 5	1148 5	901123	120	116	41E148	(4D4)	2289
P	1148 5	1150 6	901124	121	120	41A131		
P	1158 8	1157 9	901215	121	121	41C1L10		
P	1157 9	1159 1	901226	112	112	41L1172		
P	1159 1	1160 7	901227	116	116	41AB1		
P	1160 7	1161 5	901228	108	108	41C101	(5D4)	
P	1161 5	1164 4	901229	129	120	41A131		

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

DDH FAGA109 (2 8) Meters

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	1775	1777	S					
F	9099	9100	G					
F		1028	G			9999		
F		1031	G					
F		1043	G			9999		
F		1045	G			9999		
F	1052	1053	G					
F	1093	1095	G			9999		
F	1146	1148	G			9999		
F	1194	1195	G					
F		1274	G					
F	1303	1306	BG			9999		
F	1370	1372	LD					
F	1529	1533	3PX					
F	1824	1825	X					
F	1827	1828	X					
F	1885	1886	S					
F	1888	1889	S					
F	1901	1905	S					

DIAMOND DRILL RECORD

LOGGED BY J. Paxton

PROPERTY VANGORDA, GRUM JOINT VENTURE

D.D.H. No. 75-A109 PAGE 1 of 4

LATITUDE HIW 35 110.72W OLD 8N

BEARING OF HOLE 0' 90° / 200' 272° 88° / 400' 033° 85° / 600' 352° 80°

STARTED August 18, 1975

CLAIM No.

DEPARTURE 25.799.37E 66W

DIP OF HOLE

COMPLETED August 22, 1975

DIRECTION AND DISTANCE FROM NE. CLAIM POST

ELEVATION 4265.41'

DIP TESTS

DEPTH Proposed: Ultimate 190.8m (626')

metres ~~FOOTAGE~~ FROM	TO	DESCRIPTION	Rec. ~~Ftm~~	Sample No.	metres ~~Footage~~ From	To	Sample Length	Assay Pb	Zn	Ag	Au	Cu	Assay x ~~Feet m~~ Pb	Zn	Ag
0	42.3	TRICONE													
		BW CASING													
42.3	77.7	SERICITE - QUARTZ - CALCITE - TALC - GRAPHITE PHYLLITE													
		Dark gray to black in colour. Scattered masses of quartz. Local zones of fine disseminated calcite 54-58. Streaks of brown biotite and dark green tremolite (?) in 1-2mm crystals. F2 = 85° @ 44, 80° @ 49, 70° @ 53, 70° @ 55, 60° @ 58, 70° @ 60, 80° @ 65, 80° @ 70. Fault gouge and blocky core at 75.5-77.7.	35.0/ 35.4												
77.7	84.7	BLEACHED QUARTZ - SERICITE PHYLLITE F2 = 60°.													
		80.3 -- small 3cm piece core, ground both ends, 15% lead-zinc.	7.0/ 7.0												
84.7	114.3	QUARTZ - SERICITE PHYLLITE													
		Dark gray colour. Tightly folded. F1 laminae cut by F2 every 5-10mm. F2 = 60° @ 86, 45° @ 90, 60° @ 95, 45° @ 103, 30° @ 105, 60° @108, 60° @ 112.	29.6/ 29.6												
		96.0-98.0 -- irregular quartz vein material with inclusions of phyllite and pyrite.													
		101.3-110.3 -- bleached section. Sheared with numerous veins of quartz and yellow carbonate.													
		Plastic fault gouge @ 104.5-104.7, 105.2-105.3, 110.0-110.3													

DIAMOND DRILL RECORD

LOGGED BY J. Paxton

PROPERTY

LATITUDE BEARING OF HOLE STARTED

DEPARTURE DIP OF HOLE COMPLETED

ELEVATION DIP TESTS DEPTH Proposed: Ultimate:

D.D.H. No. 75-A109 PAGE 2 of 4

CLAIM No.

N

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Estimate Pyrite	Estimate Lead-zinc	Rec. Ft.	Sample No.	Footage From	Footage To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Feet Pb	Assay x Feet Zn	Assay x Feet Ag
114.3	121.0	BLEACHED SERICITE PHYLLITE															
		F2 cutting F1 at high angles = 60°. Fault gouge @ 114.6-114.8, 118.8-119.5.			6.7/ 6.7												
121.0	129.1	QUARTZ - SERICITE - TALC PHYLLITE															
		F2 = 60°@ 123, 70° @ 125, 50° @ 128. Dark gray colour.			8.0/ 8.1												
129.1	149.0	SULPHIDE ZONE															
		129.1-135.7 -- QUARTZ SERICITE phyllite	10%	5%	1.8	2279	129.1	131.1	2.0	2.85	3.84	1.32			5.70	7.68	2.64
		with laminae and bands (up to 10cm) of lead-	10%	10%	1.0	2280		132.1	1.0	2.23	4.02	1.03			2.23	4.02	1.03
		zinc mineralization which may contain fine barite.	5%	2%	1.8	2281		134.0	1.9	0.27	0.45	0.15					
		F2 = 60° @ 130, 70° @ 134, crest @ 135.	10%	3%	1.6	2282		135.7	1.7	2.93	4.14	1.35					
		-149.0 -- MASSIVE SULPHIDE Faintly banded pyrite,	25%	8%	2.0	2283		137.0	1.3	6.90	10.98	2.71			8.97	14.27	3.52
		lead-zinc with scattered inclusions of country	30%	20%	2.0	2284		139.0	2.0	7.05	10.80	3.06			14.10	21.60	6.12
		rock. Also 10-20% is fine-grained soft white	50%	25%	2.0	2285		141.0	2.0	5.33	8.10	2.41			10.66	16.20	4.82
		mineral which is probably barite.	50%	15%	2.0	2286		143.0	2.0	5.03	6.84	2.24			10.06	13.68	4.48
			80%	10%	1.9	2287		145.0	2.0	3.23	4.80	1.68			6.46	9.60	3.36
			70%	20%	1.5	2288		147.0	2.0	5.55	7.24	2.35			11.10	14.48	4.70

DIAMOND DRILL RECORD

LOGGED BY J. Paxton

PROPERTY

LATITUDE | BEARING OF HOLE | STARTED

DEPARTURE | DIP OF HOLE | COMPLETED

ELEVATION | DIP TESTS | DEPTH Proposed: Ultimate:

D.D.H. No. 75-A109 PAGE 3 of 4

CLAIM No.

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec. Ft.	Sample No.	Footage From	Footage To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Feet Pb	Assay x Feet Zn	Assay x Feet Ag
		60% 25%	2.0	2289	147.0	149.0	2.0	15.02	10.1	4.44			30.04	20.20	8.88
				W.A.	129.1	132.1	3.0	2.64	3.40	1.22	(41.9)		7.93	11.70	3.67
				—"—	135.7	149.6	13.3	6.87	8.27	2.70	(92.5)		91.39	110.03	35.88
149.0	155	QUARTZ - SERICITE - GRAPHITE PHYLLITE													
		F2 planes 3-10cm apart cutting contorted F1. Numerous veinlets and blebs of pyrite and chalcopyrite. Traces of lead-zinc.	5.0/ 6.0												
155	165.5	QUARTZ SULPHIDE ZONE (20-40% pyrite)													
		Coarsely banded sulphides and siliceous phyllite. Local streaks of lead-zinc mineralization.	8.0/ 10.5												
		155.2-155.3, 155.5-155.6, 162.0-162.1 - massive pyrrhotite. Scattered blebs of chalcopyrite.													
		F2 = 50° @ 156, 70° @ 160, 45° @ 165.													
165.5	175.5	BLEACHED QUARTZ - SERICITE PHYLLITE													
		Pale gray-brown colour. Numerous irregular blebs and bands of pyrite with traces of lead-zinc. F2 70° throughout.	10/ 10												
175.5	187.4	QUARTZ - SERICITE - BIOTITE - GARNET PHYLLITE													
		Higher grade metamorphic type. Dark gray green colour with irregular streaks of dark brown biotite and stringers of 1-3mm pink garnets. Rare blebs and bands of pyrite and/or pyrrhotite. F2 = 70° @ 178 .													

DIAMOND DRILL RECORD

LOGGED BY J. Paxton

PROPERTY

D.D.H. No. 75-A109 PAGE 4 of 4

OLE STARTED

COMPLETED

Proposed:
DEPTH Ultimate:

CLAIM No.

DIRECTION AND DISTANCE FROM NE. CLAIM POST

129.1 - 149.0'
Sample No 2279 - 2289
Assay results not typed yet

Oct 24/75

DESCRIPTION	Rec. Ft.	Sample No.	Footage From	Footage To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Feet Pb	Assay x Feet Zn	Assay x Feet Ag
'HYLLITE													
188.8-188.9, 190.2-190.7.													
2. Surveyed and cemented from bottom; hole making water.													

DDH: FAGA109 -- 42 DEGREE PROFILE

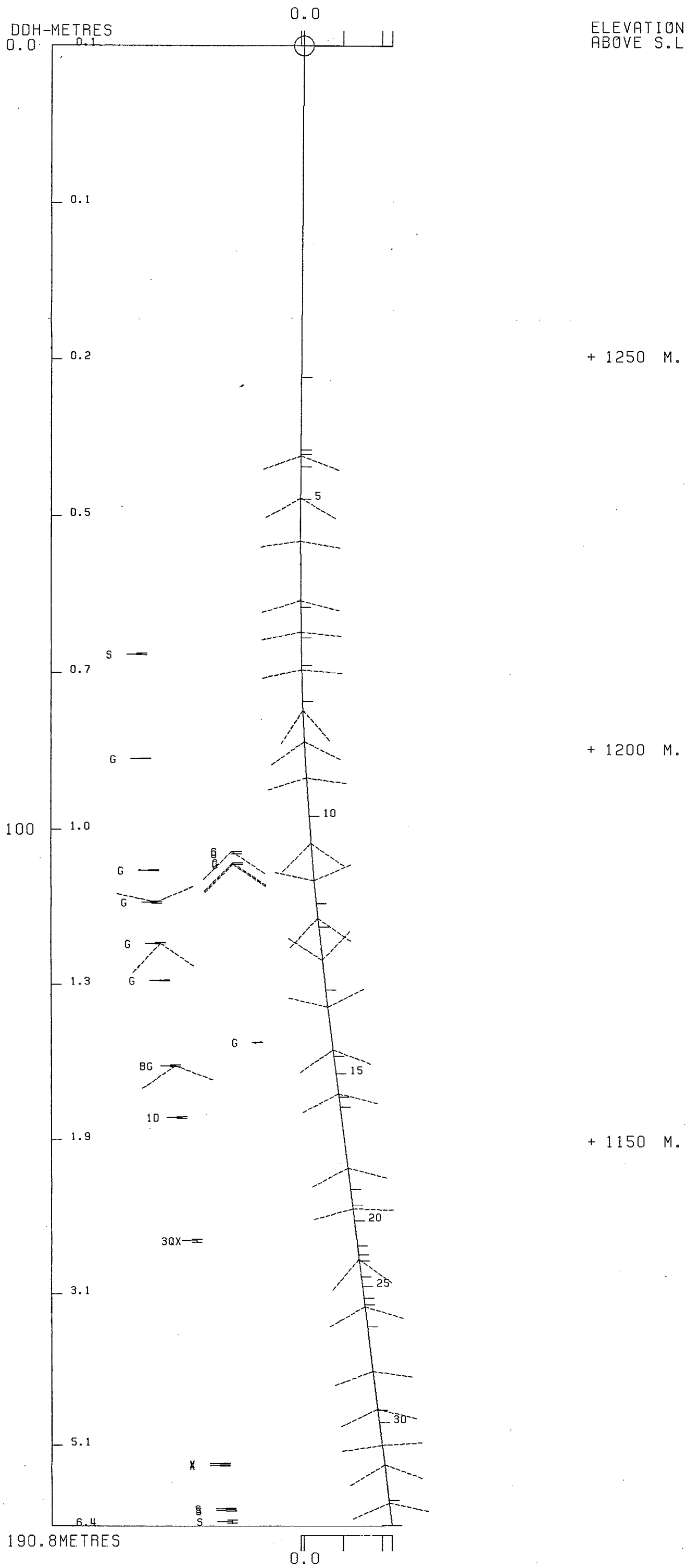
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1290 592559E ; 904915N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 613.0 Z = 1289.5

SECTION NAME: 66W



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 22 MAY 1984 2:36 PM

DDH: FAGA109 -- 42 DEGREE PROFILE

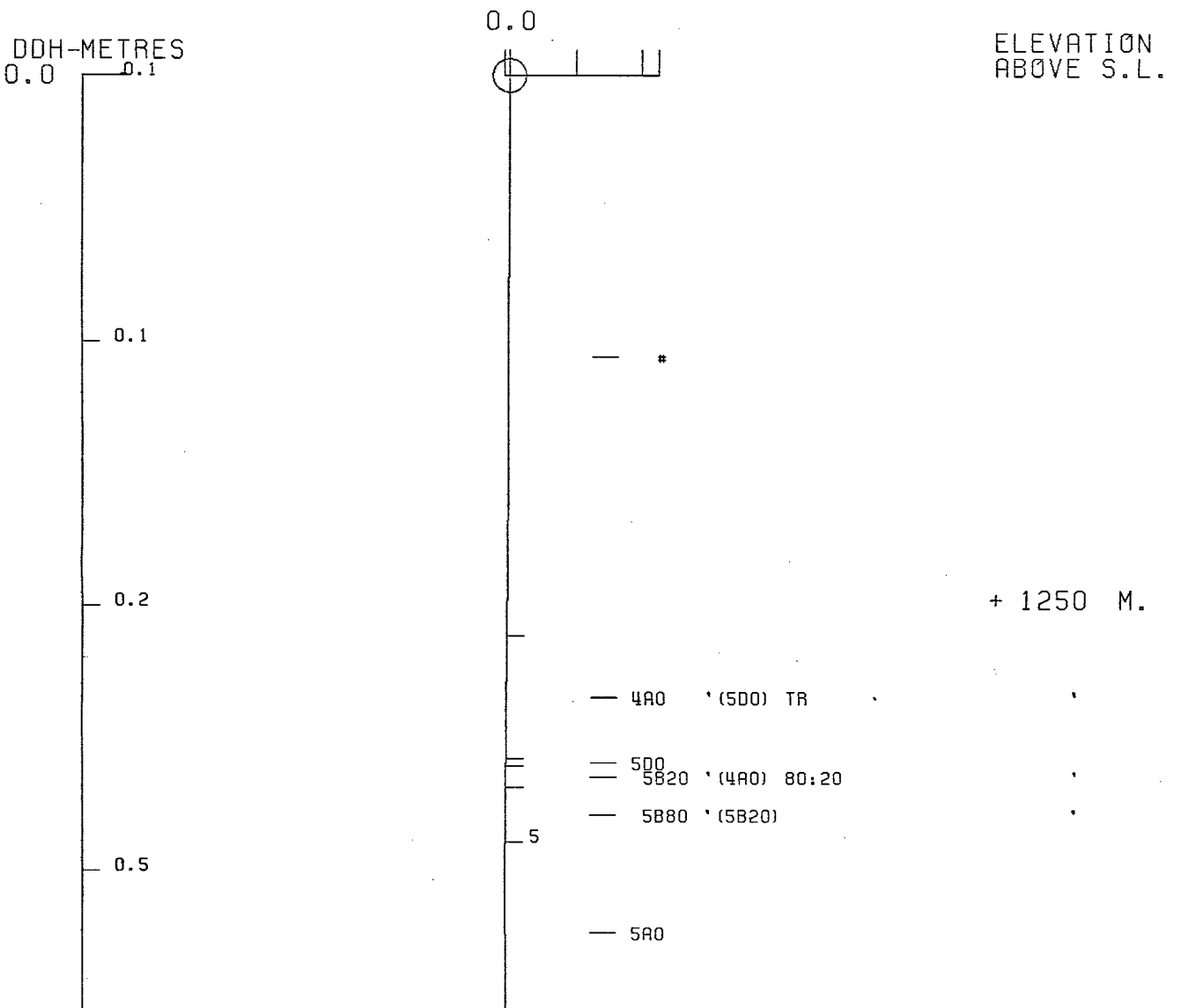
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1290 592559E ; 904915N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 613.0 Z = 1289.5

SECTION NAME: 66W



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 22 MAY 1984 2:35 PM

FAGA116

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
FAGA116	9397	110.9	112.5	1.6	100	4A13	3.16	.05	1.60	3.08	29.0	.75	1.03	10.50		4.68	11.53	.66
	9398	112.5	114.1	1.6	100	4A13	3.13	.03	1.50	3.18	27.0	.55	1.10	7.60		4.68	8.70	.68

GRUM DATABASE - QUIZ REPORT

84/10/16

DDH	SAMPLE	ROCK UNIT	NORMATIVE MINERALS - WEIGHT % CPY	GA	SP	PO	PY	BAR	OTHER	*	NORMATIVE MINERALS - VOLUME % CPY	GA	SP	PO	PY	BAR	OTHER
FAGA116	9397	4A13	.14	1.85	4.59	1.62	22.58		69.22	*	.11	.78	3.65	1.12	14.35		79.99
	9398	4A13	.09	1.73	4.74	1.73	16.34		75.37	*	.06	.71	3.65	1.16	10.06		84.36

DRILL HOLE : FAGA116
NORTHING : 904,961.0
EASTING : 592,599.3
ELEVATION : 1,294.0
TOTAL DEPTH : 181.5
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: 2
NOS DOWN-H-SURVEYS: 3
NOS DOWN-H-LITHOLOGY: 19
NOS DOWN-H-STRUCTURE: 40
NOS DOWN-H-FAULTS: 5
NOS DOWN-H-SPLINES: 3
NOS COMPOSITES: 0

DDH: FAGA116 UTM-N: 904,961.0 UTM-E: 592,599.3 UTM-ELEV: 1,294.0 TOTAL DEPTH: 181.5 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.
110.9	112.5	09397	1.6	1.6	4A13	3.16	.05	1.60	3.08	29.00		.75	1	10	11						
112.5	114.1	09398	1.6	1.6	4A13	3.13	.03	1.50	3.18	27.00		.55	1	7	8						
WEIGHTED AVERAGE																					
110.9	114.1		3.2	3.2		3.14	.04	1.55	3.13	28.00		.65	1	9	10						

DDH: FAGA116 UTM-N: 904,961.0 UTM-E: 592,599.3 UTM-ELEV: 1,294.0 TOTAL DEPTH: 181.5 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
73.200	178.000	58.000
146.300	168.000	53.000

DDH: FAGA116 UTM-N: 904,961.0 UTM-E: 592,599.3 UTM-ELEV: 1,294.0 TOTAL DEPTH: 181.5 SECTION: W 66
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	INC
61.6	0001	#		0.5-	1
96.8	0002	5B6	[3G]	0.5-	1
101.0	0003	5B6	[4L6] WEAK ALTN	0.5-	1
101.7	0004	3B3	BIO [5BO BIO]	0.5-	1
105.8	0005	5B6		0.5-	1
110.9	0006	4L1	&2	0.5-	1
114.1	0007	4A13	[4AO]	0.5-	1
136.5	0008	4L1	&7	0.5-	1
138.4	0009	5B6		0.5-	1
138.8	0010	3B3	BIO [5BO BIO]	0.5-	1
147.5	0011	5B6	(4L6)	0.5-	1
152.0	0012	5B26	(5A6) MINOR	0.5-	1
153.9	0013	4LO		0.5-	1
158.5	0014	5B6		0.5-	1
167.6	0015	4LO		0.5-	1
176.3	0016	5B6		0.5-	1
178.9	0017	4L2		0.5-	1
180.1	0018	5B6		0.5-	1
181.7	0019	4LO		0.5-	1

DDH: FAGA116 UTM-N: 904,961.0 UTM-E: 592,599.3 UTM-ELEV: 1,294.0 TOTAL DEPTH: 181.5 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	DIRECT	S1 ANGLE	DIRECT	S2 ANGLE	DIRECT	RFE CDE	DHDC	SDC	PROCESS
FAGA116	0.0	61.6	CS2		0	0	0	0	38	230	0	1	1	1
FAGA116	0.0	66.3	CS2		0	0	0	0	50	230	0	1	1	1
FAGA116	0.0	70.9	CS2		0	0	0	0	44	230	0	1	1	1
FAGA116	66.3	75.5	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGA116	0.0	75.5	CS2		0	0	0	0	45	230	0	1	1	1
FAGA116	0.0	80.2	PS2		0	0	0	0	42	230	0	1	1	1
FAGA116	0.0	85.9	CS2		0	0	0	0	42	230	0	1	1	1
FAGA116	75.5	90.8	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGA116	0.0	90.8	PS2		0	0	0	0	48	230	0	1	1	1
FAGA116	90.8	95.0	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGA116	0.0	95.0	CS2		0	0	0	0	55	230	0	1	1	1
FAGA116	0.0	99.1	PS2		0	0	0	0	58	230	0	1	1	1
FAGA116	95.0	102.7	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGA116	0.0	105.8	CS2		0	0	0	0	60	230	0	1	1	1
FAGA116	102.7	109.7	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGA116	0.0	109.7	CS2		0	0	0	0	62	230	0	1	1	1
FAGA116	0.0	115.0	PS2		0	0	0	0	70	230	0	1	1	1
FAGA116	109.7	120.3	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGA116	0.0	120.3	PS2		0	0	0	0	75	230	0	1	1	1
FAGA116	0.0	124.9	CS2		0	0	0	0	61	230	0	1	1	1
FAGA116	126.3	129.8	CS2	M	0	0	0	0	0	0	0	1	1	1
FAGA116	0.0	129.8	CS2		0	0	0	0	69	230	0	1	1	1
FAGA116	129.8	135.0	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGA116	0.0	135.0	PS2		0	0	0	0	59	230	0	1	1	1
FAGA116	135.0	140.5	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGA116	0.0	140.5	CS2		0	0	0	0	58	230	0	1	1	1
FAGA116	0.0	145.1	PS2		0	0	0	0	46	230	0	1	1	1
FAGA116	140.5	148.3	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGA116	0.0	150.6	CS2		0	0	0	0	62	230	0	1	1	1
FAGA116	0.0	156.3	CS2		0	0	0	0	57	230	0	1	1	1
FAGA116	148.3	159.9	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGA116	0.0	160.2	PS2		0	0	0	0	62	230	0	1	1	1
FAGA116	0.0	165.0	PS2		0	0	0	0	75	230	0	1	1	1
FAGA116	159.9	167.6	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGA116	167.6	170.6	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGA116	0.0	170.6	CS2		0	0	0	0	59	230	0	1	1	1
FAGA116	170.6	173.1	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGA116	0.0	175.6	PS2		0	0	0	0	71	230	0	1	1	1
FAGA116	173.1	181.7	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGA116	0.0	181.7	PS2		0	0	0	0	70	230	0	1	1	1

DDH: FAGA116 UTM-N: 904,961.0 UTM-E: 592,599.3 UTM-ELEV: 1,294.0 TOTAL DEPTH: 181.5 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
FAGA116	0.0	64.1	G		0	0	C	0	0	0	1
FAGA116	0.0	65.5	G		0	0	99	999	0	0	1
FAGA116	0.0	69.2	G		0	0	0	0	0	0	1
FAGA116	75.9	77.1	G		0	0	0	0	0	0	1
FAGA116	114.5	114.6	G		0	0	C	0	0	0	1

DDH: FAGA116 UTM-N: 904,961.0 UTM-E: 592,599.3 UTM-ELEV: 1,294.0 TOTAL DEPTH: 181.5 SECTION: W 66
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGA116	1	2
FAGA116	2	2
FAGA116	3	1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 75-A116

Project: GRUM RELOG

Location: VANGORDA PLAT.

Claim: _____

UTM Terr. Plane Co-ords.: 6,904,960.98 N

1979 Hill Orthophoto Survey

592,599.25 E

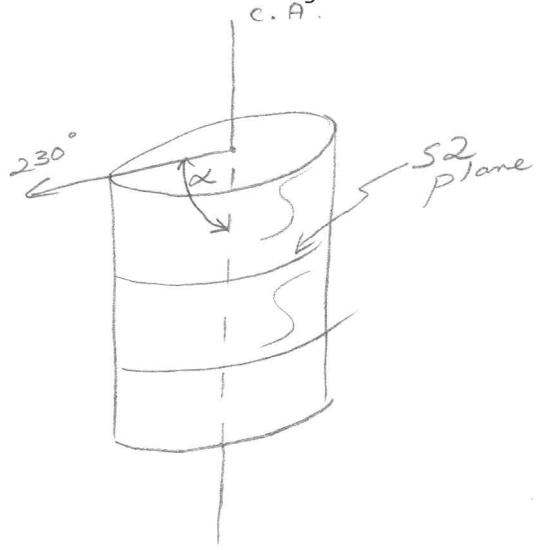
Grid Co-ords.: _____

_____

Elevation: 1293.99

Total Depth: 181.7 m.

Fabric Orientation Diagram:



All symmetry determinations looking

NW with S2 dipping

SW with dip azimuth 230°.

Purpose: _____

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

Drilling Contractor: _____

Core:	Size	From	To	Collar Cased and Capped:
	BQ	61.6	181.7	

Started: 1/9/75 Completed: 5/9/75

Cyprus Anvil Mining Corp.

Diamond Drill Core Log

DDH 75-A-1-16

Code	Drillhole	Elevation	Northing	Easting	Comments
1	2 8	10 16	17 24	25 32	34 48
T	75-A-1-16	1294.0	9049611.0	591259.2/3	METRES

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2 8	10 14	22 26	28 32	34 56
R	75-A-1-16	0	180.0	0.0	AT COLLAR
R	75-A-1-16	731.2	178.0	58.0	SPERRY SUN
R	75-A-1-16	1461.3	168.0	53.0	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	

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

DDH 75-A11-6 (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	1161 6	11	1 1 #	O/B - triconed - (no core)
L	1161 6	1968	12	5B16	36? ; minor gouge zones @ 64.1 gouge ≈ 11S2?? @ 65.5 " 11 S2 tectonite @ 69.2 " ≈ 11 S2 ??
L	1968	1101 0	13	5B16	pale green ; weakly altered? (ie 4L6?)
L	1101 0	1101 7	14	5B10	+ biotite
L	1101 7	1105 8	15	5B16	as unit 3 → @ 75.9 - 77.1 indeterminate likely ≈ 11S2 ??
L	1105 8	1110 9	16	~~4L12~~ → 4L1+7	bleached white
L	1110 9	1114 1	17	~~4A10~~ → 4A134	-C- PARTINGS
L	1114 1	1136 5	18	~~4L10~~ → 4L1+7 → 4L6 locally.	@ 114.5 - 114.6 gouge ≈ 11S2 ?? ~~to indeterminate~~
L	1136 5	1138 4	19	5B16	as units 3 & 5
L	1138 4	1138 8	10	5B10	+ biotite ; as unit 4
L	1138 8	1147 5	11	5B16	as units 3 & 5 & 9 ; ± 4L6
L	1147 5	1152 0	12	5B12	w/ v. minor 5A ; → 5B26
L	1152 0	1153 9	13	4L10	
L	1153 9	1158 5	14	5B16	
L	1158 5	1167 6	15	4L10	grad. lower ct.
L	1167 6	1176 3	16	5B16	
L	1176 3	1178 9	17	4L12	
L	1178 9	1180 1	18	5B16	
L	1180 1	1181 7	19	4L10	
		EOH			

DDH 75-A11-6 (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	
							O/B 0-61.6
S	1 61	6 CIS12				318 2310	61.6 - 66.3 No reliable
S	1 66	3 IF12				510 2310	sym. determinations due to
S	1 71	09 CIS12				414 2310	presence of S4
S	1 75	55 IF12	Z			415 2310	Z region 61.6 - 75.5
S	1 80	2 PS12				412 2310	PS2 region 75.5 - 90.8
S	1 85	9 CIS12				412 2310	(minor Z)
S	1 90	8 IF12	P			418 2310	Z region 90.8 - 95.0
S	1 95	0 IF12	Z			515 2310	PS2 region 95.0 - 102.7
S	1 99	1 PS12				58 2310	
S	1 02	7 IF12	P				Z region 102.7 - 109.7
S	1 05	8 CIS12				610 2310	
S	1 09	7 IF12	Z			612 2310	PS2 region 109.7 - 120.3
S	1 15	0 PS12				710 2310	
S	1 20	3 IF12	P			715 2310	M region 120.3 - 129.8
S	1 24	9 CIS12				61 2310	
S	1 29	8 IF12	M			619 2310	PS2 region 129.8 - 135.0
S	1 35	0 IF12	P			519 2310	Z region 135.0 - 140.5
S	1 40	5 IF12	Z			518 2310	PS2 region 135.0 - 148.3
S	1 45	1 PS12				416 2310	
S	1 48	3 IF12	P				Z region 148.3 - 159.9
S	1 51	06 CIS12				612 2310	
S	1 56	3 CIS12				517 2310	
S	1 59	9 IF12	Z				PS2 region 159.9 - 167.6
S	1 60	2 PS12				612 2310	
S	1 65	0 PS12				715 2310	
S	1 67	6 IF12	P				Z region 167.6 - 170.6
S	1 70	6 IF12	3			519 2310	S region 170.6 - 173.1
S	1 73	1 IF12	S				PS2 region 173.1 - 181.7
S	1 75	6 PS12				71 2310	
S	1 81	7 IF12	P			710 2310	
		EOH					

DDH 75-A-116 (2 / 8)

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

Logged By: DJH

Sampled By: K.A.

Code	From	To	Sample No.	Description
1	10 14	16 20	22 27	Length Rec.
P	1110	1119	24619	K.A. 1.0 1.0
P	1119	1142	24720	K.A. 0.9 2.3

LOGGED 1980/CHECKED & ASSAYED 1981

DDH 75-A1-16 (2 8) Cyprus Anvil Mining Corp

Page ____ of ____

CHECKED Logged by GG

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

UNITS = METRES

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
1	10 14	16 20	22 26	28 30	32 34	36 40	42
P	1110 9	1112 5	93971	11 6	11 6	4A13	14
P	1112 5	1114 1	93981	11 6	11 6	4A13	14
							END OF HOLE @ 181.7m

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

DDH FAGA116 (2 8) meters

Cyprus Anvil Mining Corp.

Structural Log

Page _____ of _____

Date: _____ Logged By: _____

Code	From	To	Feature	Sys	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
F		641	G					
F		655	G			99999		
F		692	G					
F	759	772	G					
F	1145	1146	G					

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

DIAMOND DRILL RECORD

LOGGED BY M. de Quadros

PROPERTY VANGORDA, GRUM JOINT VENTURE

D.D.H. No. 75-A116 PAGE 1 of 2

	HIW	OLD				
LATITUDE	10746.22 N	10N	BEARING OF HOLE	0'	90°	STARTED September 1, 1975
				240'	057° 88°	
DEPARTURE	7905.17 E	66W	DIP OF HOLE	480'	052° 78°	COMPLETED September 5, 1975
ELEVATION	3604.60 M		DIP TESTS			DEPTH Proposed: Ultimate: 181.7m

CLAIM No.

N

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec. Ft.	Sample No.	metres From	metres To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
0	61.6	OVERBURDEN													
61.6	96.8	QUARTZ - SERICITE PHYLLITE -- FAULTED Medium grey													
		Broken with gouge zones	18.1/		61.6	85.1									
		Well foliated, slightly altered rock showing signs of stress. F2 is 45° to C.A. but gradually decreases to about 60° below 77.3	23.5												
		Numerous small fragmented and gouge zones. Pyrite and some pyrrhotite disseminated in blebs.	7.8/ 11.7			96.8									
96.8	110.9	BROKEN BLEACHED QUARTZ - SERICITE PHYLLITE Buff													
		Very broken, silicified hard rock. F2 60° but changing to 90° at lower boundary. Pyrite is found as blebs and also as clots and layers parallel to F2. Occasional speck of sphalerite and galena seen but rock barren.	12.1/ 14.1		96.8	110.9									
110.9	114.2	QUARTZ - GRAPHITE - SULPHIDE PHYLLITE Medium grey											1.63	2.44	0.80
		Hard, brittle, silicified; broken; 20% pyrite, 6% lead-zinc. F2 80-90°.	1.0	2469	110.9	111.9	1.0								
			0.9	2470		114.2	2.3	1.63	2.82	0.65			3.749	6.486	1.495
				WAV	110.9	114.2	3.3	1.63	2.86	0.70	(23.8)		5.379	9.420	2.295
114.2	147.5	BLEACHED QUARTZ - SERICITE ± CHLORITE PHYLLITE Light grey													
		Hard, brittle, silicified. Well foliated and banded. F2 70-80°	30.3/		114.2	147.5									
		Contains biotite. Mineralized, minor pyrite and much pyrrhotite in blebs and layers.	33.3												
		120.0-120.1 -- massive pyrrhotite													

DIAMOND DRILL RECORD

LOGGED BY M. de Quadros

PROPERTY

LATITUDE BEARING OF HOLE STARTED

DEPARTURE DIP OF HOLE COMPLETED

ELEVATION DIP TESTS DEPTH Proposed: Ultimate:

D.D.H. No. 75-A116 PAGE 2 of 2

CLAIM No.

N

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec. Ft.	Sample No.	Footage From	Footage To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Feet Pb	Assay x Feet Zn	Assay x Feet Ag
		120.8-120.9 -- massive pyrrhotite Becomes increasingly chloritic near the bottom.													
147.5	152.0	QUARTZ - SERICITE - GRAPHITE PHYLLITE Dark grey Highly foliated, well banded, very fissile. Tends to be broken with core loss. F2 80-90°. Minor chloritic sections. Thin quartz vein 2-3cm across. Minor pyrite.	2.4/ 4.5		147.5	152.0									
152.0	181.7	BLEACHED QUARTZ - SERICITE ± CHLORITE ± BIOTITE PHYLLITE Poorly foliated, moderately fissile and partly silicified with minor pyrite and pyrrhotite. Trace of lead-zinc. Often somewhat brecciated. F2 erratic , generally 60°. Possible development of third foliation across small sections. Competent. 155.0-158.5 -- unbleached, medium grey, incompetent 169.3-171.6 -- unbleached, medium grey, incompetent Partings talcy. Minor pyrite and pyrrhotite in blebs, streaks and clots.	28.0/ 29.7		152.0	181.7									
	181.7	END OF HOLE													
		REMARKS: 1. Slow drilling due to blocky ground. 2. Surveyed and cemented. 3. Hole made small amounts of water													

DDH: FAGA116 -- 42 DEGREE PROFILE

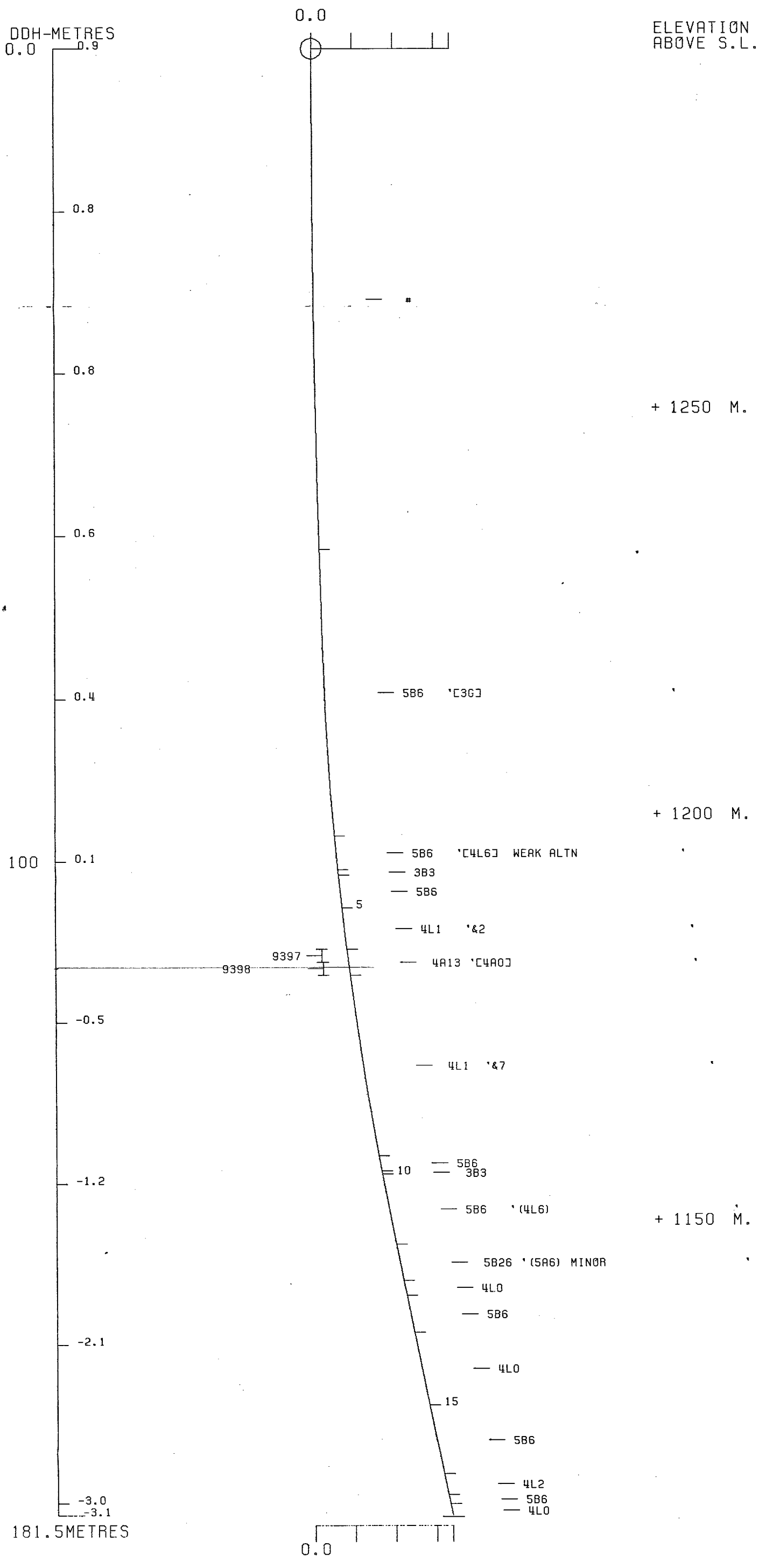
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1294 592599E ; 904961N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 673.8 Z = 1294.2

SECTION NAME: 66W



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 22 MAY 1984 2:40 PM

DDH: FAGA116 -- 42 DEGREE PROFILE

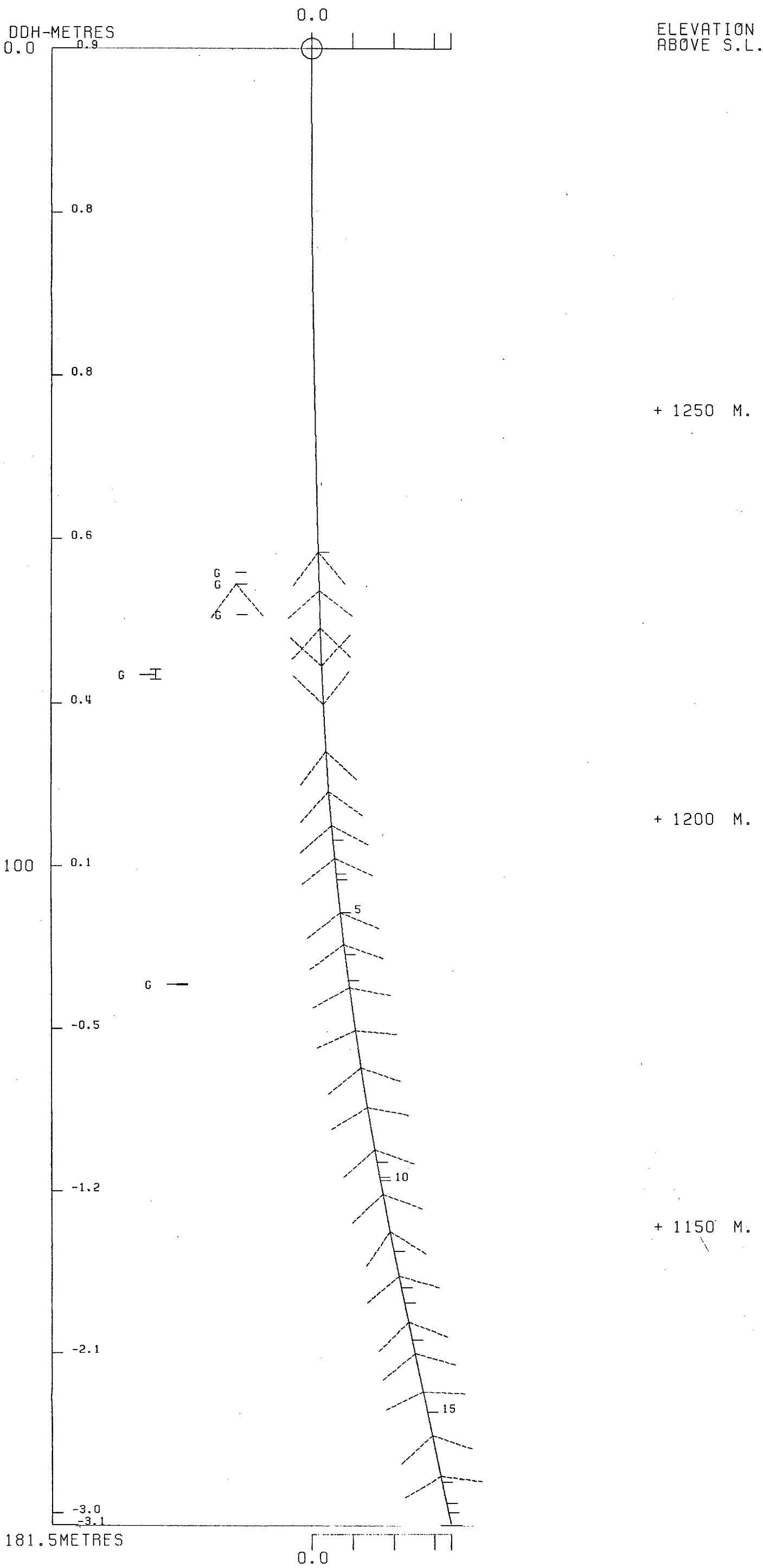
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1294 592599E ; 904961N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 673.8 Z = 1294.2

SECTION NAME: 66W



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 22 MAY 1984 2:43 PM

FAGA117

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
FAGA117	9405	80.8	81.2	.4	100	4G4	4.47	.18	5.60	11.50	100.0	1.37	1.16	20.20		17.10	21.36	.67
	9406	81.2	83.1	1.9	100	4D4	4.18	.14	12.30	19.60	210.0	2.26	2.35	10.40		31.90	12.75	.61
	9407	83.1	85.2	2.1	100	4A4	3.66	.06	8.70	19.00	171.0	1.10	3.06	7.10		27.70	10.16	.69
	9408	85.2	86.0	.8	87	4E14	4.17	.13	9.90	19.60	206.0	2.13	2.72	13.70		29.50	16.42	.66
	9409	86.0	87.8	1.8	100	4E4	4.66	.22	6.00	8.50	104.0	1.65	1.67	28.80		14.50	30.47	.59
	9410	87.8	89.6	1.8	100	4G4	4.61	.18	5.90	10.90	103.0	1.51	1.28	14.80		16.80	16.08	.65
	9411	97.1	97.4	.3	100	4G4	4.45	.05	3.50	7.30	76.0	1.03	1.13	11.60		10.80	12.73	.68
	9412	97.4	98.1	.7	100	4E64#	4.81	.18	4.70	8.60	102.0	1.03	2.00	23.50		13.30	25.50	.65
	9413	99.1	101.2	2.1	100	4E#4	4.63	.24	5.10	8.70	102.0	.96	1.78	31.30		13.80	33.08	.63
	9414	101.2	103.3	2.1	100	4E#4	4.37	.18	4.50	6.50	86.0	1.03	1.96	26.40		11.00	28.36	.59
	9415	150.3	150.9	.6	100	4DE4	3.56	.13	4.20	4.90	70.0	1.71	1.76	13.00		9.10	14.76	.54
	9416	151.3	152.4	1.1	100	4D73	3.69	.22	3.70	6.00	63.0	2.88	5.17	13.30		9.70	18.47	.62
	9417	152.4	153.8	1.4	100	4C0	3.36	.27	.82	1.59	42.0	1.44	3.16	14.60		2.41	17.76	.66
	9418	153.8	155.2	1.4	100	4C0	3.46	.20	1.20	1.26	30.0	2.26	2.83	18.00		2.46	20.83	.51
	9419	155.2	156.4	1.2	100	4D4	3.66	.14	5.30	5.90	81.0	1.92	2.34	16.80		11.20	19.14	.53
	9420	156.4	157.9	1.5	20	4D4	3.75	.15	6.40	11.90	101.0	2.54	3.15	12.50		18.30	15.65	.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
FAGA117	9405	4G4	.52	6.47	17.14	1.82	43.44		30.60	*	.49	3.38	16.82	1.56	34.09		43.67
	9406	4D4	.40	14.21	29.22	3.70	22.37		30.11	*	.38	7.42	28.62	3.15	17.53		42.90
	9407	4A4	.17	10.05	28.33	4.81	15.27		41.37	*	.15	4.85	25.65	3.79	11.06		54.50
	9408	4E14	.38	11.43	29.22	4.28	29.46		25.23	*	.36	6.12	29.32	3.73	23.65		36.82
	9409	4E4	.64	6.93	12.67	2.63	61.93		15.20	*	.67	4.06	13.94	2.51	54.50		24.32
	941C	4G4	.52	6.81	16.25	2.01	31.83		42.58	*	.45	3.32	14.84	1.60	23.25		56.55
	9411	4G4	.14	4.04	10.88	1.78	24.95		58.21	*	.12	1.81	9.12	1.29	16.72		70.94
	9412	4E64#	.52	5.43	12.82	3.15	50.54		27.55	*	.50	2.91	12.89	2.75	40.65		40.29
	9413	4E#4	.69	5.89	12.97	2.80	67.31		10.34	*	.75	3.57	14.72	2.76	61.13		17.07
	9414	4E#4	.52	5.20	9.69	3.08	56.77		24.74	*	.51	2.86	9.99	2.76	46.81		37.08
	9415	4DE4	.38	4.85	7.30	2.77	27.96		56.74	*	.30	2.20	6.21	2.05	19.02		70.21
	9416	4D73	.64	4.27	8.94	8.13	28.60		49.41	*	.53	2.01	7.87	6.22	20.13		63.24
	9417	4C0	.78	.95	2.37	4.97	31.40		59.54	*	.62	.42	1.98	3.61	20.99		72.37
	9418	4C0	.58	1.39	1.88	4.45	38.71		53.00	*	.48	.64	1.63	3.36	26.91		66.98
	9419	4D4	.40	6.12	8.80	3.68	36.13		44.87	*	.35	2.97	8.01	2.91	26.32		59.43
	942C	4D4	.43	7.39	17.74	4.95	26.88		42.60	*	.38	3.59	16.15	3.92	19.57		56.40

DRILL HOLE : FAGA117

NORTHING : 904,734.3

EASTING : 592,401.2

ELEVATION : 1,275.8

TOTAL DEPTH : 214.3

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: 16

NOS DOWN-H-SURVEYS: 4

NOS DOWN-H-LITHOLOGY: 45

NOS DOWN-H-STRUCTURE: 42

NOS DOWN-H-FAULTS: 26

NOS DOWN-H-SPLINES: 4

NOS COMPOSITES: 0

DDH: FAGA117 UTM-N: 904,734.3 UTM-E: 592,401.2 UTM-ELEV: 1,275.8 TOTAL DEPTH: 214.3 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.
80.8	81.2	09405	.4	.4	4G4	4.47	.18	5.60	11.50	100.00		1.37	1	20	21						
81.2	83.1	09406	1.9	1.9	4D4	4.18	.14	12.30	19.60	210.00	220.00	2.26	2	10	12						
83.1	85.2	09407	2.1	2.1	4A4	3.66	.06	8.70	19.00	171.00		1.10	3	7	10						
85.2	86.0	09408	.8	.7	4E14	4.17	.13	9.90	19.60	206.00		2.13	2	13	16						
86.0	87.8	09409	1.8	1.8	4E4	4.66	.22	6.00	8.50	104.00		1.65	1	28	30						
87.8	89.6	09410	1.8	1.8	4G4	4.61	.18	5.90	10.90	103.00		1.51	1	14	16						
97.1	97.4	09411	.3	.3	4G4	4.45	.05	3.50	7.30	76.00		1.03	1	11	12						
97.4	98.1	09412	.7	.7	4E64#	4.81	.18	4.70	8.60	102.00		1.03	2	23	25						
99.1	101.2	09413	2.1	2.1	4E#4	4.63	.24	5.10	8.70	102.00		.96	1	31	33						
101.2	103.3	09414	2.1	2.1	4E#4	4.37	.18	4.50	6.50	86.00		1.03	1	26	28						
150.3	150.9	09415	.6	.6	4DE4	3.56	.13	4.20	4.90	70.00		1.71	1	13	14						
151.3	152.4	09416	1.1	1.1	4D73	3.69	.22	3.70	6.00	63.00	66.00	2.88	5	13	18						
152.4	153.8	09417	1.4	1.4	4C0	3.36	.27	.82	1.59	42.00		1.44	3	14	17						
153.8	155.2	09418	1.4	1.4	4C0	3.46	.20	1.20	1.26	30.00		2.26	2	18	20						
155.2	156.4	09419	1.2	1.2	4D4	3.66	.14	5.30	5.90	81.00		1.92	2	16	19						
156.4	157.9	09420	1.5	.3	4D4	3.75	.15	6.40	11.90	101.00		2.54	3	12	15						
WEIGHTED AVERAGE																					
80.8	89.6		8.8	8.7		4.25	.14	8.32	15.03	151.76	47.50	1.65	2	15	17						
97.1	98.1		1.0	1.0		4.70	.14	4.34	8.21	94.20		1.03	1	19	21						
99.1	103.3		4.2	4.2		4.50	.21	4.80	7.60	94.00		.99	1	28	30						
150.3	150.9		.6	.6		3.56	.13	4.20	4.90	70.00		1.71	1	13	14						
151.3	157.9		6.6	5.4		3.57	.19	3.46	5.38	63.45	11.00	2.19	3	15	18						

DDH: FAGA117 UTM-N: 904,734.3 UTM-E: 592,401.2 UTM-ELEV: 1,275.8 TOTAL DEPTH: 214.3 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
61.000	172.800	45.000
121.900	172.000	43.000
161.500	170.200	42.000

DOWN-HOLE LITHOLOGY (DHC20)

DDH: FAGA117 UTM-N: 904,734.3 UTM-E: 592,401.2 UTM-ELEV: 1,275.8 TOTAL DEPTH: 214.3 SECTION: W 66
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
43.9	0001	#			
50.2	0002	5BC$		0.5-	1
53.6	0003	5DC		0.5-	1
55.2	0004	5BC$		0.5-	1
56.2	0005	5DC	&4	0.5-	1
56.7	0006	5BC$		0.5-	1
64.3	0007	5D4@		0.5-	1
68.3	0008	5BC$		0.5-	1
69.5	0009	5D4@		0.5-	1
77.1	0010	5BC$		0.5-	1
77.7	0011	5AC		0.5-	1
80.8	0012	5AC		0.5-	1
81.2	0013	4G4		0.5-	1
83.1	0014	4D4	[4JD] BXA	0.5-	1
85.2	0015	4A4	(4D4)	0.5-	1
86.0	0016	4E14	[4JD]	0.5-	1
87.8	0017	4E4	(4G4) (4E46) MINOR	0.5-	1
89.6	0018	4G4	(4E46)	0.5-	1
97.1	0019	5A0	(5B6)	0.5-	1
97.4	0020	4G4		0.5-	1
98.1	0021	4E46	&#	0.5-	1
101.3	0022	5B26		0.5-	1
103.3	0023	4E#4	&6 & POROUS	0.5-	1
110.3	0024	5B2	-> 5B26 (4L) (4C) MINOR	0.5-	1
111.7	0025	5B6	-> 5B26	0.5-	1
113.4	0026	5B6	-> 5B26 (4L2) (4C0) MINOR	0.5-	1
116.4	0027	5B0	$	0.5-	1
118.6	0028	5B6		0.5-	1
124.1	0029	5B0$		0.5-	1
142.3	0030	5A6	(5D4*) MINOR	0.5-	1
150.3	0031	5B6		0.5-	1
150.9	0032	4D4	(4C0) (4E4) [4DE]	0.5-	1
151.3	0033	5B6		0.5-	1
152.4	0034	4D73		0.5-	1
157.9	0035	4C0	-> 4D4	0.5-	1
165.5	0036	5B6		0.5-	1
178.0	0037	5B6	[3G0]	0.5-	1
179.5	0038	5B6		0.5-	1
179.8	0039	5D4	-> 5D4*	0.5-	1
199.2	0040	5B6		0.5-	1
202.1	0041	5A0		0.5-	1
207.1	0042	5A3	-> 5B2 LOCALLY	0.5-	1
209.8	0043	4L7		0.5-	1
210.6	0044	5B2		0.5-	1
214.3	0045	5B6	-> 5B61? [3G0]	0.5-	1
				0.5-	1

02APR84 GRUM

DOWN-HOLE STRUCTURE (DH020)

DDH: FAGA117 UTM-N: 904,734.3 UTM-E: 592,401.2 UTM-ELEV: 1,275.8 TOTAL DEPTH: 214.3 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
FAGA117	0.0	44.5	PS2		0	0	0	0	55	230	0	1	1	1
FAGA117	0.0	50.2	PS2		0	0	0	0	63	230	0	1	1	1
FAGA117	0.0	53.6	PS2		0	0	0	0	52	230	0	1	1	1
FAGA117	0.0	56.7	PS2		0	0	0	0	55	230	0	1	1	1
FAGA117	0.0	62.1	PS2		0	0	0	0	47	230	0	1	1	1
FAGA117	0.0	68.0	PS2		0	0	0	0	37	230	0	1	1	1
FAGA117	43.9	69.5	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGA117	0.0	78.1	CS2		0	0	0	0	65	230	0	1	1	1
FAGA117	77.7	78.8	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGA117	0.0	80.5	CS2		0	0	0	0	55	230	0	1	1	1
FAGA117	78.8	80.8	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGA117	0.0	84.5	PS2		0	0	0	0	50	230	0	1	1	1
FAGA117	80.8	89.7	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGA117	0.0	89.7	PS2		0	0	0	0	52	230	0	1	1	1
FAGA117	0.0	92.5	CS2		0	0	0	0	57	230	0	1	1	1
FAGA117	89.7	97.1	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGA117	0.0	97.1	CS2		0	0	0	0	85	230	0	1	1	1
FAGA117	0.0	111.1	PS2		0	0	0	0	61	230	0	1	1	1
FAGA117	0.0	114.6	PS2		0	0	0	0	81	230	0	1	1	1
FAGA117	97.1	119.5	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGA117	0.0	119.5	PS2		0	0	0	0	80	230	0	1	1	1
FAGA117	119.5	121.4	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGA117	0.0	140.6	PS2		0	0	0	0	39	230	0	1	1	1
FAGA117	0.0	147.0	PS2		0	0	0	0	12	230	0	1	1	1
FAGA117	0.0	152.4	PS2		0	0	0	0	67	230	0	1	1	1
FAGA117	0.0	155.3	PS2		0	0	0	0	35	230	0	1	1	1
FAGA117	0.0	160.0	PS2		0	0	0	0	38	230	0	1	1	1
FAGA117	0.0	166.1	PS2		0	0	0	0	55	230	0	1	1	1
FAGA117	0.0	169.8	PS2		0	0	0	0	66	230	0	1	1	1
FAGA117	0.0	175.6	PS2		0	0	0	0	52	230	0	1	1	1
FAGA117	151.6	180.6	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGA117	0.0	180.6	PS2		0	0	0	0	69	230	0	1	1	1
FAGA117	0.0	185.6	CS2		0	0	0	0	62	230	0	1	1	1
FAGA117	180.6	190.7	CS2	D	0	0	0	0	0	0	0	1	1	1
FAGA117	0.0	190.7	CS2		0	0	0	0	67	230	0	1	1	1
FAGA117	0.0	194.5	CS2		0	0	0	0	72	230	0	1	1	1
FAGA117	0.0	199.0	CS2		0	0	0	0	73	230	0	1	1	1
FAGA117	0.0	205.5	CS2		0	0	0	0	80	230	0	1	1	1
FAGA117	0.0	210.5	CS2		0	0	0	0	75	230	0	1	1	1
FAGA117	190.7	212.8	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGA117	212.8	214.3	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGA117	0.0	214.3	CS2		0	0	0	0	70	230	0	1	1	1

DDH: FAGA117 UTM-N: 904,734.3 UTM-E: 592,401.2 UTM-ELEV: 1,275.8 TOTAL DEPTH: 214.3 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
FAGA117	56.7	68.3	2BG		0	0	0	0	0	0	1
FAGA117	68.3	69.5	3BP		0	0	0	0	0	0	1
FAGA117	69.5	77.1	GXB		0	0	0	0	0	0	1
FAGA117	56.7	77.7	F		0	0	99	999	0	0	1
FAGA117	77.1	77.7	G		0	0	0	0	0	0	1
FAGA117	81.2	83.5	1D		0	0	0	0	0	0	1
FAGA117	90.4	91.1	G		0	0	99	999	0	0	1
FAGA117	89.6	97.1	BGP		0	0	0	0	0	0	1
FAGA117	97.1	97.4	2G		0	0	0	0	0	0	1
FAGA117	98.1	101.3	G		99	999	0	0	0	0	1
FAGA117	103.3	104.4	G		0	0	0	0	0	0	1
FAGA117	106.0	106.4	G		0	0	0	0	0	0	1
FAGA117	107.3	108.2	G		0	0	0	0	0	0	1
FAGA117	110.0	110.3	G		0	0	0	0	0	0	1
FAGA117	103.3	110.3	3BF		0	0	0	0	0	0	1
FAGA117	111.7	113.4	GP		0	0	99	999	0	0	1
FAGA117	116.4	118.6	G		0	0	0	0	0	0	1
FAGA117	118.0	124.1	2GB		0	0	0	0	0	0	1
FAGA117	124.1	142.3	G		99	999	99	999	0	0	1
FAGA117	142.3	150.3	3BG		0	0	99	999	0	0	1
FAGA117	150.3	150.9	X		0	0	0	0	0	0	1
FAGA117	150.9	151.3	G		0	0	99	999	0	0	1
FAGA117	121.4	151.6	F		0	0	0	0	0	0	1
FAGA117	157.9	159.4	P		0	0	0	0	0	0	1
FAGA117	157.9	165.5	BG		99	999	0	0	45	180	1
FAGA117	178.0	179.5	G		0	0	99	999	99	999	1

DDH: FAGA117 UTM-N: 904,734.3 UTM-E: 592,401.2 UTM-ELEV: 1,275.8 TOTAL DEPTH: 214.3 SECTION: 4 66
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGA117	1	2
FAGA117	2	2
FAGA117	3	2
FAGA117	4	1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 75-A117

Project: GRUM RELOG

Location: VANGORDA PLAT

Claim: _____

UTM ~~Terr.~~ Plane Co-ords.: 6,904,734.3 N

1979 HIW Orthophoto Survey

592,401.2 E

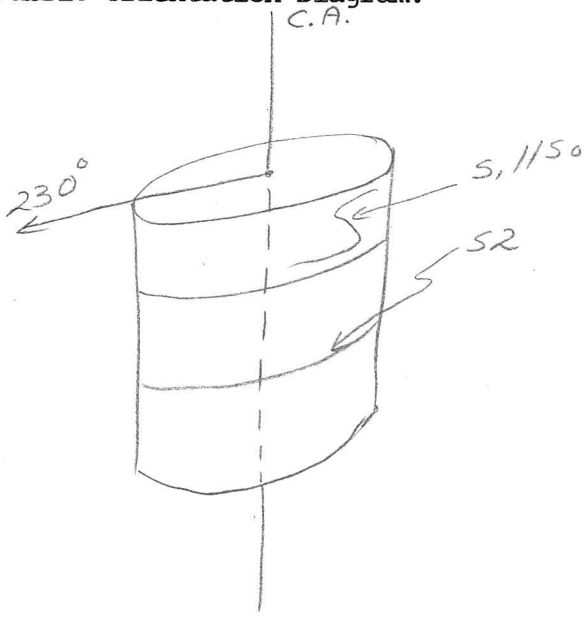
Grid Co-ords.: 66 W / B.L.

_____

Elevation: 1275.85

Total Depth: 214.3 m

Fabric Orientation Diagram:



All symmetry determinations looking

NW with S2 dipping

SW with dip azimuth 230°.

Purpose: _____

Logged by: DJH Date(s) Logged: _____

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

_____ _____ _____

_____ _____ _____

_____ _____ _____

Started: 4/9/75 Completed: 12/9/75

Cyprus Anvil Mining Corp.

Diamond Drill Core Log

DDH 75-A11-7

Code	Drillhole	Elevation	Northing	Easting	Comments
1	2 8	10 16	17 24	25 32	34 48
T	75-A11-7	1275.8	9047134.3	592401.2	METRES

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2 8	10 14	22 26	28 32	34 56
R	75-A11-7	0 0	180.0	0.0	ATCOLLAR
R	75-A11-7	161.0	172.8	45.0	SPERRY SUN
R	75-A11-7	121.9	172.0	43.0	
R	75-A11-7	161.5	170.2	42.0	
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 75-A117

Cyprus Anvil Mining Corp.
Lithologic Log

Logged By: DJH

Code	From (m)	To (m)	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
L	0.0	43.9	1	#	°/B - triconed no core
L	43.9	51.02	2	5B10	buff weathering carb.; grad. ct. w/ 5D
L	51.02	53.6	3	5D13	laminated variety; massive
L	53.6	55.2	4	5B10	as unit 2
L	55.2	56.2	5	5D13	as unit 3 w/ some buff alteration; interbanded lower ct. w/ 5B
L	56.2	56.7	6	5B10	as units 2 & 4
L	56.7	61.43	7	5D14	→5D43; -no sdes; Fe,Mg $CO_3^=$; buff coloured; generally broken core w/ gouge zones
L	61.43	61.83	8	5B10	as units 2,4,6; some broken core & gouge
L	61.83	61.95	9	5D14	→5D43 as unit 7; heavily broken & lost core
L	61.95	71.71	10	5B10	as units 2,4,6,8; gouge, bxia, plus broken & lost core
L	71.71	71.77	IV	5A10	gouge
					*note: much gouge, bxia, & lost core (ie: fault zone) 56.7 - 77.7 m. (Get fuling entire fault zone is foliaform w/ FS_2)
L	71.77	80.81	12	5A10	
L	80.8	81.21	13	4G4	
L	81.21	81.31	14	4D4	45-AFFINITY, qtzite bxia. & micro bxia frags in a matrix of massive sdes (sph > gal > py); 30% frags 70% matrix (4J4)
L	81.31	81.52	15	4A4	+(4D4 as UNIT 14) 60:40 interbanded 4A4 : 4D4; minor bxia text. near T.O.I.
L	81.52	81.60	16	~~4D4~~	4E14 - 2% QZ - 4J AFFINITIES ~~as unit 14.~~
L	81.60	81.78	17	4E14	w/ ~~no~~ minor 4G4 & 4E64 ✓
L	81.78	81.96	18	4G10	14 + (4E64) → $11S_2$ @ 90.4-91.1 m
L	81.96	91.71	19	5A10	+(5B6) generally broken core w/ some gouge & lost core zones. -99.4
L	91.71	91.74	20	4G10	14 - 30% OF UNIT = GOUGE (CONTACTS?) @ 98.1 gouge indeterminate but would guess shearing ~$11S_2$??
L	91.74	98.1	21	4E4	16 ±K-CALC ±POROUS @ 0.3m P/W Slightly vuggy & porous
L	98.1	101.13	212	5B10	? gouge (dark grey) w/ minor sdes.
L	101.13	101.33	213	4E10	→4E4 - CALC (+6?) ±POROUS @ 103.3 gouge indeterminate to 104.4 @ 106.0 - 104.4 " @ 110.0 - 110.3 ind. fe-mn oxide @ 104.3 - 108.2 " w/ minor 4G
L	101.33	111.03	214	5B12	→5B26 w/ minor 4L & 4C; generally heavily broken & gouged core
L	111.03	111.17	215	5B16	@ 112.0 gouge ~ $11S_2$?? & comp. bedding →5B62
L	111.17	113.42	216	5B16	→5B62 gouge & lost core; 4L2 & 4C towards E.O.I.

69.5-71.3 gouge, attitudes indeterminate

@ 56.6 gouge ~ $11S_2$??
@ 57.1 gouge indeterminate
@ 59.5 gouge @ 25° to ca. along 050° ?? DLA
@ 62.4 gouge @ 70° to ca. along 320° if S_2 230° to 65.2 indeterminate

@ 72.3 gouge ~ $11S_2$?? this case to 73.7 where good gouge $11S_2$, Gouge indeterminate @ 73.8, probably ~ $11S_2$?? @ 77.3

DDH 75-A-117 (2 / 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Logged By: DJH

Code	From	To	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
L	1/113 4	1/116 4	217	5B10	as units 2,4,6,8,10
L	1/116 4	1/118 6	218	5B10	? gouge — indeterminate attitudes !!
L	1/118 6	1/214 1	219	5B10	as units 2,4,6,8,10,27; w/ 30% gouge & broken core. @ 124 gouge ≈ 11 S_2?? & slightly steeper to c.a. but same dip direction as S_2
L	1/214 1	1/142 3	310	5A10	? black grotty gouge w/ much lost core; minor 4L? gouge also @ 140.6 gouge ≈ 11 S_2?? @ 142.7 gouge ≈ 11 S_2??
L	1/142 3	1/150 3	311	5B16	heavily broken & gouged int. } over entire interval can't get definite attitudes X cutting S_2 Get overwhelmed feeling all gouge & shearing ≈ 11 S_2
L	1/150 3	1/151 09	312	4LE10	4DA+(ACO)+(QEA)+GOUGE bxia. w/ slicked surfaces ~ ⊥ to C.A. }
L	1/151 09	1/151 3	313	5B16	as unit 31 - gouge 11 S_2?
L	1/151 3	1/152 4	314	4D17	W py > po; ~50% tot. sdes.
L	1/152 4	1/157 9	315	4CD	25-30% tot. sdes; 4DA +ACO @ 155.2-157.9m. towards EOI.
L	1/157 9	1/161 55	316	5B16	360?; broken core & gouge. 157.9-159.4 fuck all recovery - no attitudes
L	1/161 55	1/171 80	317	5B16	monotonous. @ 160.2 gouge ≈ 11 S_2?? @ 161.6 gouge indeterminate @ 164.8 " ≈ 11 S_2?? @ 164.3 gouge 045° to c.a. along 050°? -i.c opp. direction to S_2 = 309/23??
L	1/171 80	1/179 55	318	5B16	? gouge
L	1/179 55	1/179 98	319	5D14	→ 5D43 @ 175.0 gouge ≈ horiz (drilling artefact)
L	1/179 98	1/199 2	410	5B16	360? monotonous; minor QQO
L	1/199 2	1/210 21	411	5A10	
L	1/210 21	1/210 71	412	5A13	→ 5B2 locally.
L	1/210 71	1/210 98	413	4LL17	
L	1/210 98	1/211 06	414	5B12	
L	1/211 06	1/211 43	415	5B16	→ 5B61? 360? @ 178.8 gouge ≈ 11 S_2?? @ 179.3 add above gouge appear 11 S_2
		EOH			

DDH 75-A-117 (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	
							O/B 0 - 43.9 m.
S		1445	PS2			55 2310	PS2 region 43.9 - 50.2
S		1502	IF2	P		63 2310	R region 50.2 - 53.6
S		1536	IF2	R		52 2310	PS2 region 53.6 - 56.7
S		1567	IF2	P		55 2310	R region 53.6 - 64.3
S		1621	IS2			47 2310	
S		1643	IF2	R			PS2 region 64.3 - 69.5
S		1680	PIS2			37 2310	
S		1695	IF2	P			
							Fault zone 69.5 - 77.7
							no sym or S2 available
S		1777	IF2	S			S region 77.7 - 78.8
S		1781	CIS2			65 2310	
S		1788	IF2	E			Z region 78.8 - 80.8
S		1805	CIS2			55 2310	
S		1808	IF2	Z			R region 80.8 - 89.7
S		1845	IS2			50 2310	
S		1897	IF2	R		52 2310	Z region 89.7 - 97.1 m.
S		1925	CIS2			57 2310	
S		1971	IF2	Z		85 2310	R region 97.1 - 103.3 m.
							no S2 attitudes available
S		10133	IF2	R			in massive sdes.
							Fault zone 103.3 - 110.3
S		11103	IF2	P			-no reliable S2 or SYM
S		11111	PIS2			61 2310	obtainable.
S		11146	PIS2			81 2310	PS2 region 110.3 - 119.5
S		11195	IF2	P		80 2310	Z region 119.5 - 121.4 m.
S		11214	IF2	Z			
S		11406	PIS2			39 2310	Fault zone 121.4 - 151.6
S		11470	PIS2			12 2310	(occas. PS2 observed)
S		11516	IF2	R			R region 151.6 - 157.9
S		11524	IS2			67 2310	
S		11553	IS2			35 2310	
S		11579	IF2	R			PS2 region 157.9 - 180.6
S		11600	PIS2			38 2310	
S		11611	PIS2			55 2310	

DDH 75-A117

Cyprus Anvil Mining Corp.
Structural Log

Logged By: DJH

Code	From	To	Feature	Sym	S_1 Dip Direct.	S_2 Dip Direct.	Description
	10 14	16 20	22 24	26	28 32	34 38	
S		1/169.8	PS12			61 2310	
S		1/175.6	PS12			52 2310	
S		1/180.6	IF2	P		69 2310	D.D. region 180.6 - 190.7
S		1/181.56	CIS12			62 2310	
S		1/190.7	IF2	D		67 2310	Z region 190.7 - 212.8 m
S		1/191.45	CIS12			72 2310	
S		1/191.90	CIS12			73 2310	
S		1/205.55	CIS12			80 2310	
S		1/210.55	CIS12			75 2310	
S		1/212.8	IF2	3			S region 212.8 - 214.3
S		1/214.3	IF2	S		70 2310	
		EOH.					

DDH 75-A-17 (2 / 8)

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.
1	10 14	16 20	22 27				
P	1810 8	1812	129215	K.A.	0.4	0.4	464
P	1812	1817	129216	K.A.	0.5	0.5	4JD
P	1817	1823	129217	K.A.	0.6	0.6	4JD
P	1823	1833	129218	K.A.	1.0	1.0	4JD
P	1833	1839	129219	K.A.	0.6	0.6	4AJ
P	1839	1852	129310	K.A.	1.3	1.3	4AJ
P	1852	1860	129311	K.A.	0.8	0.8	4JD
P	1860	1870	129312	K.A.	1.0	1.0	4E4
P	1870	1880	129313	K.A.	1.0	1.0	4EG
P	1880	1890	129314	K.A.	1.0	1.0	4GO
P	1890	1896	129315	K.A.	0.6	0.6	4GO
P	1971	1981	129316	K.A.	1.0	1.0	4EG
P	1993	1/1003	129317	K.A.	1.0	1.0	5BO
P	1/1003	1/1013	129318	K.A.	1.0	1.0	5BO
P	1/1013	1/1023	129319	K.A.	1.0	1.0	4EO
P	1/1023	1/1033	129410	K.A.	1.0	1.0	4EO
P	1/1503	1/1511	129411	K.A.	0.8	0.7	4CO
P	1/1514	1/1524	129412	K.A.	1.0	1.0	4D7
P	1/1524	1/1534	129413	K.A.	1.0	1.0	4CO
P	1/1534	1/1544	129414	K.A.	1.0	1.0	4CO
P	1/1544	1/1551	129415	K.A.	0.7	0.6	4CO
P	1/1551	1/1561	129416	K.A.	1.0	1.0	4CO
P	1/1561	1/1579	129417	K.A.	1.8	0.4	4CO

LOGGED 1980/CHECKED & SAMPLED 1981

DDH 75-A117 Cyprus Anvil Mining Corp Page ____ of ____

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

UNITS = METRES

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
1	10 14	16 20	22 26	28 30	32 34	36 40	42
P	1808	1812	94015	04	04	4G4	
P	1812	1831	94016	19	19	4D4	
P	1831	1852	94017	21	21	4A4	+(4D4)
P	1852	1860	94018	08	07	4E14	
P	1860	1878	94019	18	18	4E4	±6
P	1878	1896	94110	18	18	4G4	+(4E4)
P	1971	1974	94111	03	03	4G4	+ GOUGE
P	1974	1981	94112	07	07	4E64	± POROUS ±*
	1981	1991		10		5B01	GOUGE / LOW GRADE NOT SAMPLED // ASSAY = 0%
P	1991	2012	94113	21	21	4E*4	CALC
P	2012	2033	94114	21	21	4E*4	CALC
P	1503	1509	94115	06	06	4D4	+(4C0) +(4E4)
	1509	1513		04		5B61	+GOUGE / LOW GRADE NOT SAMPLED // ASSAY = 0%
P	1513	1524	94116	11	11	4D74	
P	1524	1538	94117	14	14	4C01	
P	1538	1552	94118	14	14	4C01	
P	1552	1564	94119	12	12	4D4	+(4C0)
P	1564	1579	94210	15	03	4D4	+(4C0) → NOTE V. POOR RECOVERY!
							END OF HOLE @ 214.3m

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

DDH FAGA117 (2 metres 8)

Cyprus Anvil Mining Corp.

Structural Log

Page _____ of _____

Date: _____ Logged By: _____

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
	10 14	16 20	22 24	26	28 32	34 38	40 44	
F		~~56~~ 6	G			~~99 99~~		
F		~~67~~ 4	G					
F		~~69~~ 5	G			~~25 050~~		
F		~~62~~ 4	G			~~70 320~~		
F		~~65~~ 2	G					
F	5 6 7	6 8 3	2 B G					
F	6 8 3	6 9 5	3 B P					
F	6 9 5	7 2 1	G X B					
		~~72~~ 3	G			~~99 999~~		
		~~73~~ 7	G			~~99 999~~		
F	5 6 7	7 2 7	F			99 999		
F	7 2 1	7 2 7	G					
F	8 1 2	8 3 5	1 A					
F	8 9 6	9 2 1	B G P					
F	9 0 4	9 1 1	G			99 999		
F	9 2 1	9 7 4	2 G					
F	9 8 1	10 1 3	G		99 999			
F	10 3 3	10 4 4	G					
F	10 6 0	10 6 4	G					
F	10 7 3	10 8 2	G					
F	11 0 0	11 0 3	G					
F	11 1 7	11 3 4	G P			99 999		
C	10 3 3	11 0 3	3 B F					
G	11 6 4	11 8 6	G					
F	11 8 0	12 4 1	2 G B					
F	12 4 1	14 2 3	G		99 999	99 999		
F	14 2 3	15 0 3	3 B G			99 999		
F	15 0 3	15 0 9	X					
F	15 0 9	15 1 3	G			99 999		
F	15 7 9	15 8 4	P					
G	15 7 9	16 5 5	B G		99 999		45 180	
G	17 8 0	17 9 5	G			99 999	99 999	
F	12 1 4	15 1 6	F					

DIAMOND DRILL RECORD

LOGGED BY M. de Quadros

PROPERTY VANGORDA, GRUM JOINT VENTURE

D.D.H. No. 75-A117 PAGE 1 of 6

	HIW	OLD				
LATITUDE	10 524.96 N	BL	BEARING OF HOLE	0'	90°	STARTED September 4, 1975
				200'	047° 83°	
DEPARTURE	7 700.87 E	66W	DIP OF HOLE	400'	042° 82°	COMPLETED September 12, 1975
				530'	037° 80°	Proposed:
ELEVATION	1286.46 m		DIP TESTS			DEPTH Ultimate: 212.3m (703')

CLAIM No.

N

DIRECTION AND DISTANCE FROM NE. CLAIM POST

metres FROM	metres TO	DESCRIPTION	Rec.	Sample No.	metres From	metres To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
0	43.9	OVERBURDEN													
43.9	77.8	FAULT ZONE													
		Mixed gouge and broken rock.	1.5/		43.9	48.5									
		43.9-48.5 -- quartz-sericite phyllite; broken. F2 60°	4.6												
		-53.6 -- calcite-chlorite phyllite; broken. F2 60-70°.	4.6/			53.6									
		-55.2 -- quartz-sericite-graphite phyllite; broken. F2 60°.	5.1												
		-55.5 -- coarse calcite-chlorite phyllite (Like calcarenite)	0.8/			55.2									
		-55.9 -- quartz-chlorite phyllite with white quartz lenses	1.6												
		-56.6 -- quartz-sericite phyllite with quartz vein.	0.3/			55.5									
		discordant at 30° to C.A. F2 60°.	0.3												
		-57.9 -- white gouge	0.3/			55.9									
		-61.3 -- buff "chert"; very broken	0.4												
		-62.2 -- buff "chert"; unbroken	0.4/			56.6									
		-62.8 -- buff gouge	0.7												
		-64.3 -- broken buff "chert" with gouge	0.5/			57.9									
		-65.3 -- gouge, gray to black	1.3												
			1.4/			61.3									
			3.4												
			0.4/			62.2									
			0.9												
			0.2/			62.8									
			0.6												
			0.2/			64.3									
			1.5												
			0.5/			65.3									
			1.0												
		-68.1 -- quartz-sericite phyllite occasionally calcareous	2.6/			68.1									
		Broken and fissile. F2 30-40°.	2.8												
		-69.5 -- buff bleached quartz-sericite phyllite	0.5/			69.5									
		Very broken	1.4												

DIAMOND DRILL RECORD

LOGGED BY M. de Quadros

PROPERTY

LATITUDE BEARING OF HOLE STARTED

DEPARTURE DIP OF HOLE COMPLETED

ELEVATION DIP TESTS DEPTH Proposed: Ultimate:

D.D.H. No. 75-A117 PAGE 2 of 6

CLAIM No.

N

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec. Ft.	Sample No.	Footage From	Footage To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Feet Pb	Assay x Feet Zn	Assay x Feet Ag
		69.5-71.3 -- gray gouge with rock fragments	0.9/1.8		69.5	71.3									
		-72.3 -- quartz-sericite±calcite phyllite; very broken F2 45°.	0.8/1.0			72.3									
		-72.8 -- gray gouge with rock fragments -73.8 -- quartz-sericite phyllite; broken	0.3/0.5			72.8									
		-77.1 -- gray gouge with rock fragments -77.8 -- black gouge	0.9/1.0			73.8									
			0.5/3.3			77.1									
			0.5/0.7			77.8									
77.8	80.8	QUARTZ - GRAPHITE PHYLLITE Black													
		Rather sheared, fissile, poorly foliated but with small quartz and kaolin filled fractures. F2 60°. Incompetent.	3.0/3.0		77.8	80.8									
80.8	89.6	INTERBEDDED QUARTZ - SERICITE - SULPHIDES AND MASSIVE SULPHIDES													
		F2 generally 60°.													
		80.8-81.2 -- massive sulphide; 60-70% pyrite, 6% (?) lead-zinc	0.4	2925	80.8	81.2	0.4	6.08	11.95	2.85			2.432	4.78	1.14
		-81.7 -- same; 30-40% pyrite, 25-30% lead-zinc -82.3 -- same; minor quartz. 50-60% pyrite, 10-12% lead-zinc	0.5	2926		81.7	0.5	14.62	25.08	7.00			7.31	12.54	3.50
		-83.3 -- same; 50-60% pyrite, 20% lead-zinc	0.6	2927		82.3	0.6	10.27	13.77	4.71			6.162	8.262	2.826
		-83.9 -- same with minor graphite; 50-60% pyrite, 20% lead zinc	1.0	2928		83.3	1.0	13.13	24.65	6.82			13.13	24.65	6.82
		-85.2 -- mixed massive sulphides with quartz-graphite phyllite; 20-30% pyrite, 10-11% lead-zinc	0.6	2929		83.9	0.6	11.21	23.13	5.91			6.726	13.878	3.546
		-86.0 -- massive sulphide; 40-50% pyrite, 20-25% lead-zinc -87.0 -- massive sulphide; 60-70% pyrite, 8-10% lead-zinc	1.3	2930		85.2	1.3	8.22	18.67	4.50			10.686	24.271	6.24

DIAMOND DRILL RECORD

LOGGED BY M. de Quadros

PROPERTY

LATITUDE BEARING OF HOLE STARTED

DEPARTURE DIP OF HOLE COMPLETED

ELEVATION DIP TESTS DEPTH Proposed: Ultimate:

D.D.H. No. PAGE 3 of 6

CLAIM No.

N

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec. Ft.	Sample No.	Footage From	Footage To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Feet Pb	Assay x Feet Zn	Assay x Feet Ag
		87.0-88.0 -- massive sulphide; 60-70% pyrite, 6-8% lead-zinc	0.8	2931		86.0	0.8	11.65	23.40	6.18			9.32	18.72	4.944
		-89.0 -- quartz-barite?-sulphide; 40% pyrite, 6% lead-zinc -89.6 -- same	1.0	2932		87.0	1.0	7.65	11.52	3.30			7.65	11.52	3.30
			1.0	2933		88.0	1.0	4.43	5.76	1.76			4.43	5.76	1.76
			1.0	2934		89.0	1.0	5.85	13.68	2.71			5.85	13.68	2.71
			0.6	2935		89.6	0.6	6.39	9.89	3.06			3.834	5.934	1.836
				W.Av.	80.8	89.6	8.8	8.81	13.36	4.39	(1505)		77.53	143.995	38.622
89.6	165.6	FAULT ZONE													
		Gouge and broken rock with sulphides 89.6-91.6 -- black gouge	0.7/ 1.0		89.6	91.6	1.0								
		-95.0 -- broken rubbly quartz-graphite phyllite -97.1 -- gouge, black	1.6/ 3.4			95.0									
		-98.1 -- massive sulphide; 60% pyrite, 6-8% (?) lead-zinc Slightly vuggy, competent; minor black gouge at 97.1-97.3	0.3/ 2.1			97.1									
		-99.3 -- black gouge with sulphides	1.0	2936		98.1	1.0	5.33	8.88	2.91					
		-100.3 - competent massive sulphide; 60% pyrite, 4-6% lead-zinc	1.1/ 1.2			99.3									
		-101.3 - massive sulphide, vuggy; 60% pyrite, 8-10% lead-zinc	1.0	2937		100.3	1.0	5.88	8.82	2.94					
		-102.3 -- as above	1.0	2938		101.3	1.0	3.90	6.77	1.71					
		-103.3 -- as above; 60% pyrite, 6-8% lead-zinc	1.0	2939		102.3	1.0	5.63	8.15	3.21					
		-103.7 -- broken quartz sericite ± graphite phyllite gouge contact at 30°	1.0	2940		103.3	1.0	5.63	6.48	2.44					
		-104.6 -- black gouge	0.4/ 0.4			103.7									
		-107.3 -- quartz-graphite phyllite; very broken -110.3 -- broken graphite phyllite and gouge	0.6/ 0.9			104.6									
		-111.8 -- quartz-sericite phyllite; competent. F2 60° -113.4 -- black gouge with rock fragments	2.2/ 2.7	W.Av.	103.3	107.3	4.0	5.11	7.56	2.58	(85.84)		20.44	30.22	10.30

DIAMOND DRILL RECORD

LOGGED BY M. de Quadros

PROPERTY

LATITUDE BEARING OF HOLE STARTED

DEPARTURE DIP OF HOLE COMPLETED

ELEVATION DIP TESTS DEPTH Proposed: Ultimate:

D.D.H. No. 75-A117 PAGE 4 of 6

CLAIM No.

N

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec. Ft.	Sample No.	Footage From	Footage To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Feet Pb	Assay x Feet Zn	Assay x Feet Ag
			2.8/ 3.0		107.3	110.3									
		113.4-114.3 -- quartz-sericite phyllite; slightly calcareous Competent. F2 70-80°.	1.4/ 1.5			111.8									
		-118.6 -- gray gouge with pebbles and rock fragments													
		-119.8 -- broken quartz-sericite phyllite. F2 80°.	1.3/ 1.6			113.4									
		-123.6 -- broken sericite phyllite with gouge													
		-140.4 -- black gouge with minor rock fragments	0.9/ 0.9			114.3									
		-142.3 -- graphitic phyllite, broken. F2 45°.													
		-150.3 -- mixed gouge and graphitic rocks, broken	1.5/ 4.3			118.6									
		-151.1 -- quartz sulphide; 50% pyrite, 6% (?) lead-zinc Broken with barren gouge	0.8/ 1.0			119.8									
		-151.4 -- gougy graphitic phyllite													
		-152.4 -- massive sulphide; competent. 40-50% pyrite, 15-20% lead-zinc	1.2/ 1.7			123.6									
		-153.4 -- quartz sulphide; 30% pyrite, 6-8% (?) lead-zinc	4.1/ 16.8			140.4									
		-154.4 -- as above, 4-6% (?_ lead-zinc													
		-155.1 -- as above	0.7/ 1.9			142.3									
		-156.1 -- as above; 20% pyrite, 4% lead-zinc. F2 45°.													
		-157.9 -- massive sulphide; 50% pyrite, 15-20% lead-zinc	5.0/ 8.0			150.3									
		-160.3 -- broken graphitic phyllite. F2 45°.													
		-165.6 -- broken and gougy graphitic phyllite with gouge	0.7	2941	150.3	151.1	0.8	5.78	5.40	2.38					
			0.3/ 0.3			151.4									
			1.0	2942		152.4	1.0	6.05	10.21	2.47			6.05	10.21	2.47
		Note: faulted and sheared zone does not quite end here. Minor gougy zones and broken rocks still occur in rest of the hole.	1.0	2943		153.4	1.0	0.70	1.42	0.68			0.70	1.42	0.68
			1.0	2944		154.4	1.0	1.28	1.50	1.12			1.28	1.50	1.12
			0.6	2945		155.1	0.7	1.50	1.30	0.80			1.050	0.90	0.56
			1.0	2946		156.1	1.0	3.68	3.30	1.41			3.68	3.30	1.41
			0.4	2947		157.9	1.8	9.21	15.52	3.56			16.578	22.596	6.408
			1.2/ 2.4			160.3									
			3.8/ 5.3			165.6									

DIAMOND DRILL RECORD

LOGGED BY M. de Quadros

PROPERTY

LATITUDE BEARING OF HOLE STARTED

DEPARTURE DIP OF HOLE COMPLETED

ELEVATION DIP TESTS DEPTH Proposed: Ultimate:

D.D.H. No. 75-A117 PAGE 5 of 6

CLAIM No.

N

DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec. Ft.	Sample No.	Footage From	Footage To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Feet Pb	Assay x Feet Zn	Assay x Feet Ag
					150.3	152.4	2.1	5.05	6.92	2.05	(.714)		10.604	14.53	4.304
165.6	212.3	QUARTZ - SERICITE PHYLLITE Medium gray		W.AV. OR	150.3	153.4	3.1	3.67	5.15	1.63	(.553)		11.374	15.965	5.057
		Rather dark talcy, very fissile, well foliated, incompetent rock with minor gouge and broken zones. F2 averages 60° to C.A.			155.1	158.9	2.8	7.24	9.23	2.79	(.957)		20.258	25.836	7.818
		occasionally flattening to 75°. Rock generally appears sheared and weak though unbroken			150.2	157.9	7.6	10.99							
		165.6-167.8 -- quartz-sericite phyllite; unbroken	2.1/		165.6	167.8									
		-168.0 -- quartz vein	2.2												
		-169.0 -- quartz-sericite phyllite	1.2/			169.0									
		-169.3 -- white quartz	1.2												
		-171.4 -- graphitic; broken and gougy	2.1/			171.4									
		-171.5 -- white quartz	2.4												
		-176.0 -- quartz-sericite phyllite; unbroken. F2 60°	5.4/			176.0									
		-176.5 -- gougy and broken	5.6												
		-177.0 -- quartz-sericite phyllite	0.3/			176.5									
		-179.5 -- quartz-sericite phyllite; competent	0.5												
		-179.8 -- quartz-chlorite phyllite; blocky. F2 60-70°.	1.3			177.9									
		-180.5 -- quartz-sericite phyllite; blocky. F2 60-70°.	1.4												
		-180.8 -- black gouge	0.9/			179.5									
		-184.9 -- quartz-sericite phyllite; blocky. F2 70-80°.	1.6												
		-185.5 -- quartz veins with sericite phyllite	0.9/			180.5									
		-187.6 -- quartz-sericite phyllite; very broken	1.0												
		-190.6 -- quartz-sericite phyllite; unbroken. F2 60°.	0.2/			180.8									
		-191.5 -- broken and gougy phyllite with white quartz	0.3												
			2.2/			183.2									
			2.4												
			1.9/			185.5									
			2.3												
			0.4/			187.6									
			2.1												
			3.0/			190.6									
			3.0												
			0.7/			191.5									
			1.1												

DIAMOND DRILL RECORD

LOGGED BY M. de Quadros

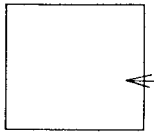
PROPERTY

D.D.H. No. 75-A117 PAGE 6 of 6

LATITUDE BEARING OF HOLE STARTED

CLAIM No.

DEPARTURE DIP OF HOLE COMPLETED



DIRECTION AND DISTANCE FROM NE. CLAIM POST

ELEVATION DIP TESTS DEPTH Proposed: Ultimate:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec. Ft.	Sample No.	Footage From	Footage To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Feet Pb	Assay x Feet Zn	Assay x Feet Ag
		191.5-198.1 -- quartz-sericite ± graphite phyllite; unbroken. F2 60°. Minor pyrite and pyrrhotite in lenses and blebs.	6.5/6.6		191.5	198.1									
		-199.7 -- as above but very broken with quartz lenses	1.4/1.6			199.7									
		-202.1 -- quartz-graphite phyllite. Very fissile, very broken.	1.6/2.4			202.1									
		-202.7 -- quartz-calcite-graphite phyllite; unbroken. F2 80-90°.	0.6/0.6			202.7									
		-206.2 -- calcite ± quartz-sericite ± graphite phyllite Banded; fissile; unbroken. F2 80-90°	2.8/2.8			205.5									
		-206.4 -- silicified bleached quartz-sericite phyllite	6.8/6.8			212.3									
		-207.1 -- calcite-sericite ± graphite phyllite F2 80-90°													
		-210.1 -- bleached quartz-sericite phyllite with pyrrhotite in blebs and thin layers (10% pyrrhotite)													
		-210.7 -- calcite-sericite ± graphite phyllite													
		-212.3 -- quartz-sericite phyllite. Medium gray, well foliated, trace of pyrite and pyrrhotite. F2 80°													
	212.3	END OF HOLE													
		REMARKS: 1. Bad, slow drilling due to many gouges and broken zones.													
		2. Surveyed and cemented.													

DDH: FAGA117 -- 42 DEGREE PROFILE

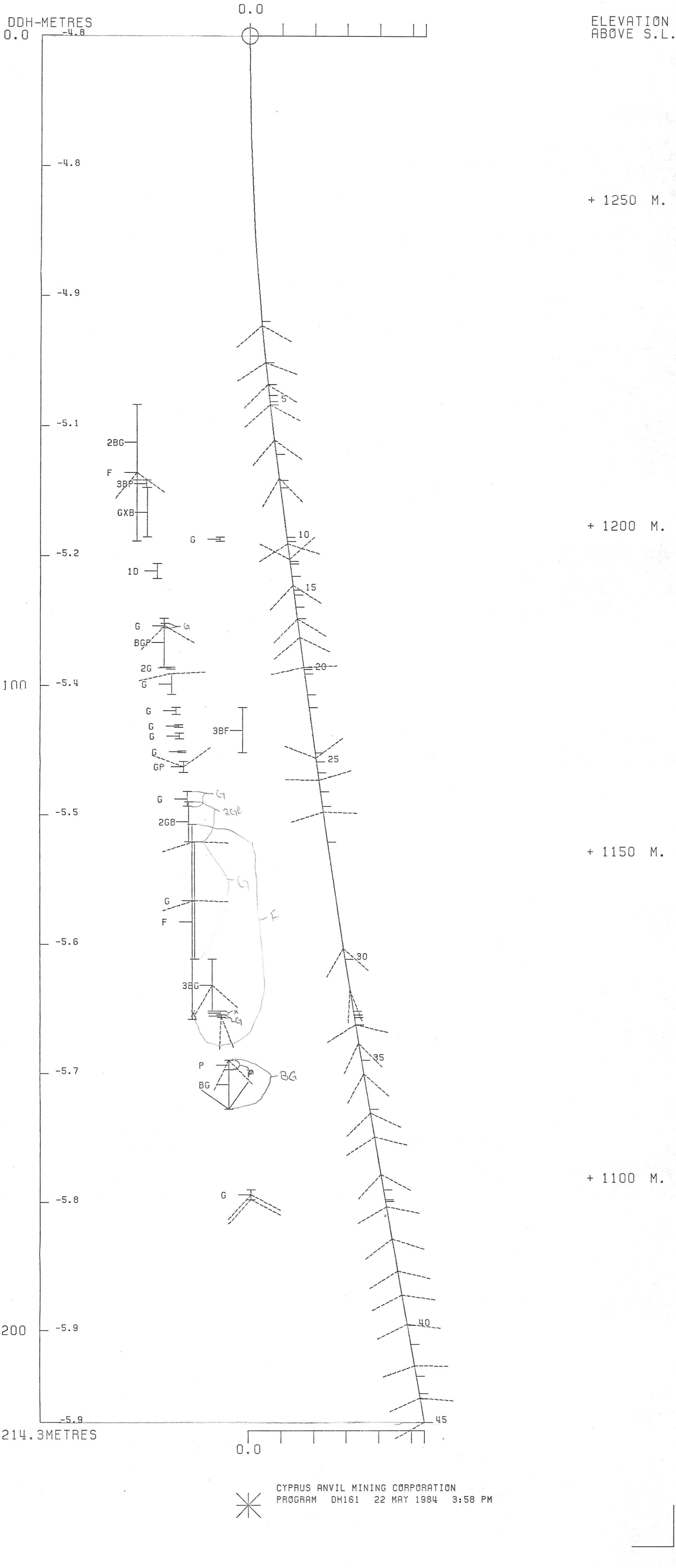
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1276 592401E ; 904734N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 372.8 Z = 1274.9

SECTION NAME: 66W



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 22 MAY 1984 3:58 PM

DDH: FAGA117 -- 42 DEGREE PROFILE

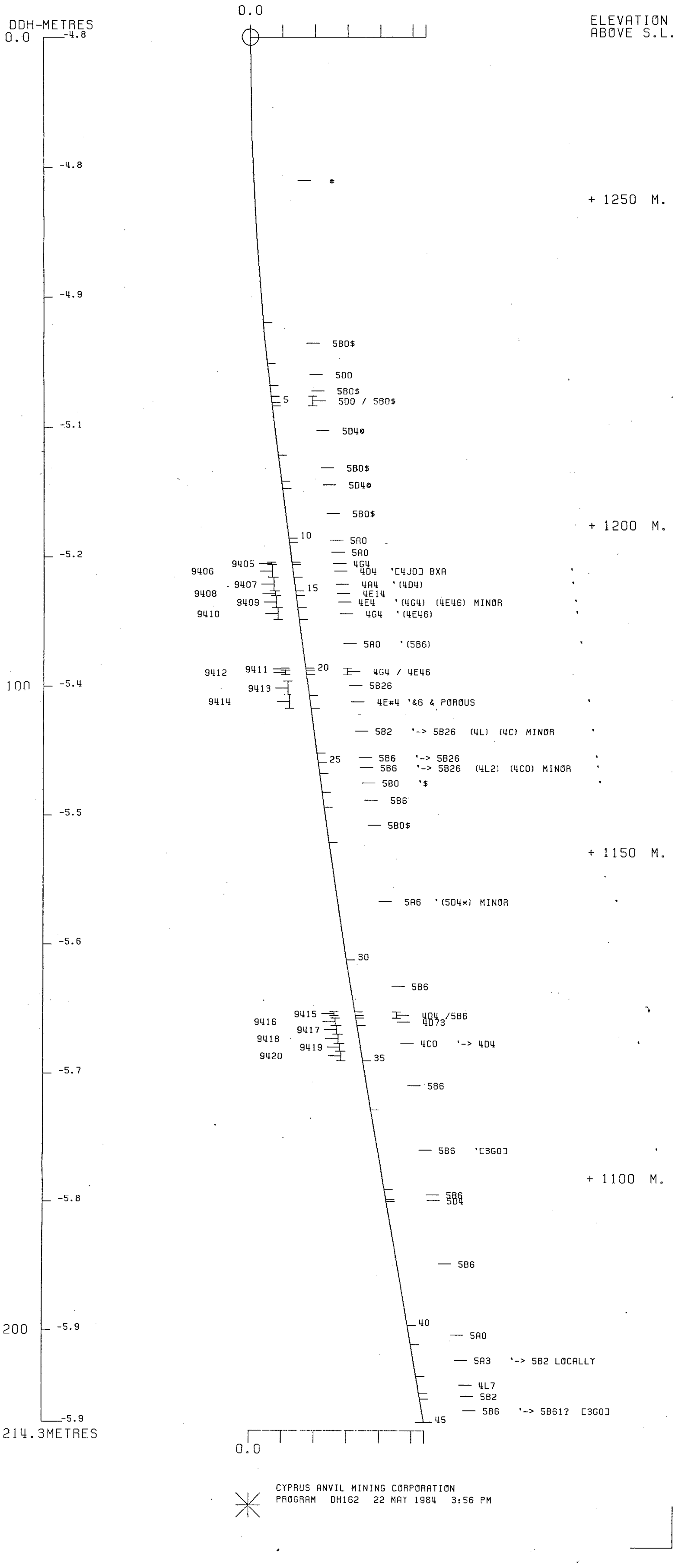
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1276 592401E ; 904734N

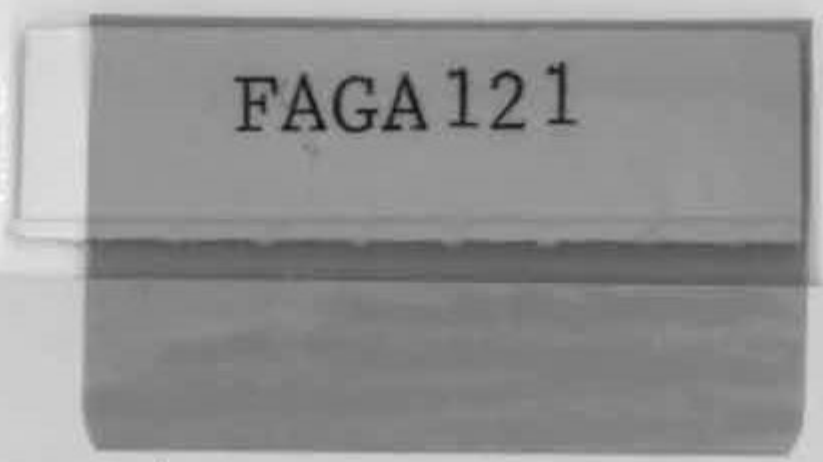
PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 372.8 Z = 1274.9

SECTION NAME: 66W



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 22 MAY 1984 3:56 PM


FAGA121

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
																1.29	13.88	.67
FAGA121	9447	56.6	57.9	1.3	31	4AO	3.06	.08	.43	.86	15.0	.82	3.38	10.50		.95	12.21	.68
	9448	57.9	58.8	.9	33	4AC	3.09	.08	.30	.65	10.0	.62	1.81	10.40		1.12	21.78	.60
	9449	58.8	59.7	.9	89	4A3	3.39	.25	.45	.67	20.0	.89	.98	20.80		33.30	23.02	.63
	9450	59.7	61.1	1.4	100	4E4	4.61	.21	12.40	20.90	143.0	1.10	1.52	21.50		22.81	17.82	.63
	9501	61.1	63.2	2.1	100	4DE4	3.84	.10	8.40	14.41	129.0	1.23	1.52	16.30		19.28	32.63	.63
	9502	63.2	64.8	1.6	100	4E4#	4.67	.17	7.10	12.18	120.0	.96	1.03	31.60		2.37	9.04	.73
	9503	64.8	66.8	2.0	100	4AO	2.98	.12	.64	1.73	17.0	.69	.54	8.50		4.83		.62
	9504	156.7	159.4	2.7	44	4A13		.06	1.83	3.00	36.0					1.54		.68
	9505	159.4	160.4	1.0	80	5AD		.02	.49	1.05	13.0					14.60	17.45	.55
	9506	180.4	181.0	.6	83	4G4#	3.91	.05	6.60	8.00	85.0	.55	2.15	15.30		1.20	42.10	.48
	9507	181.0	183.1	2.1	100	4E8	4.51	.35	.62	.58	18.0	.96	5.50	36.60		1.93	42.60	.47
	9508	183.1	185.2	2.1	100	4E8	4.56	.38	1.02	.91	21.0	1.51	7.90	34.70		1.91	35.00	.61
	9509	185.2	187.2	2.0	100	4E8	4.02	.24	.75	1.16	20.0	1.17	6.10	28.90		.53	36.00	.28
	9510	187.2	188.4	1.2	100	4E#	4.13	.14	.38	.15	13.0	1.10	2.10	33.90		8.20	29.03	.59
	9511	188.4	189.7	1.3	92	4E#4	4.03	.11	3.40	4.80	54.0	1.30	2.03	27.00		2.93	28.70	.54
	9512	189.7	191.7	2.0	100	4CE	3.83	.23	1.35	1.58	28.0	.96	7.80	20.90		4.15	28.20	.25
	9513	191.7	193.7	2.0	80	4CE	3.61	.39	3.10	1.05	40.0	.82	7.90	20.30		5.26	22.80	.11
	9514	193.7	195.7	2.0	100	4DE	3.45	.14	4.70	.56	12.0	.41	6.50	16.30		10.70	23.90	.09
	9515	195.7	197.7	2.0	100	4DE	3.45	.18	9.70	1.00	19.0	.34	8.40	15.50		1.60	19.70	.72
	9516	197.7	199.7	2.0	100	4CE	3.34	.18	.45	1.15	13.0	.55	4.40	15.30		3.29	20.90	.52
	9517	199.7	201.7	2.0	100	4CE	3.47	.35	1.58	1.71	31.0	1.23	4.60	16.30		14.30	17.00	.50
	9518	201.7	202.2	.5	100	4DE4	3.45	.10	7.10	7.20	98.0	1.03	4.10	12.90		5.70	11.71	.53
	9519	202.2	203.6	1.4	100	4DE	3.18	.13	2.70	3.00	48.0	.96	2.31	9.40		2.61	28.30	.61
	9520	203.6	205.5	1.9	53	4C3	3.69	.23	1.01	1.60	27.0	1.23	4.40	23.90		3.52	29.10	.48
	9521	206.0	207.6	1.6	69	4C3	3.82	.43	1.83	1.69	43.0	1.65	4.60	24.50		1.40	31.00	.49
	9522	207.6	208.2	.6	33	4C3	3.74	.64	.72	.68	32.0	.75	3.10	27.90		6.60	24.80	.64
	9523	208.2	209.1	.9	44	4E4	3.56	.13	2.40	4.20	56.0	.62	8.30	16.50		.20		.50
	9579	209.1	210.0	.9		4LC			.10	.10	2.1							

DDH	SAMPLE	ROCK UNIT	NORMATIVE MINERALS - WEIGHT % CPY	GA	SP	PO	PY	BAR	OTHER	*	NORMATIVE MINERALS - VOLUME % CPY	GA	SP	PO	PY	BAR	OTHER
FAGA121	9447	4AO	.23	.50	1.28	5.32	22.58		70.09	*	.17	.21	1.01	3.66	14.29		80.66
	9448	4AO	.23	.35	.97	2.85	22.37		73.24	*	.17	.14	.76	1.93	13.95		83.05
	9449	4A3	.72	.52	1.00	1.54	44.73		51.49	*	.60	.24	.88	1.18	31.40		65.71
	9450	4E4	.61	14.32	31.16	2.39	46.24		5.29	*	.67	8.87	36.17	2.41	42.94		8.93
	9501	4CE4	.29	9.70	21.48	2.39	35.05		31.08	*	.27	5.06	21.01	2.03	27.42		44.21
	9502	4E4#	.49	8.20	18.16	1.62	67.96		3.58	*	.56	5.21	21.62	1.68	64.74		6.19
	9503	4AO	.35	.74	2.58	.85	18.28		77.21	*	.25	.30	1.97	.56	11.17		85.75
	9504	4A13	.17	2.11	4.47				93.24	*							
	9505	5AD	.06	.57	1.57				97.81	*							
	9506	4G4#	.14	7.62	11.93	3.38	32.90		44.02	*	.13	3.72	10.90	2.69	24.05		58.52
	9507	4E8	1.01	.72	.86	8.65	78.71		10.05	*	1.10	.44	.99	8.61	72.11		16.74
	9508	4E8	1.10	1.18	1.36	12.42	74.62		9.32	*	1.20	.72	1.56	12.41	68.55		15.57
	9509	4E8	.69	.87	1.73	9.59	62.15		24.97	*	.68	.48	1.78	8.58	51.14		37.35
	9510	4E#	.40	.44	.22	3.30	72.90		22.73	*	.41	.25	.24	3.02	61.33		34.76
	9511	4E#4	.32	3.93	7.16	3.19	58.06		27.34	*	.31	2.12	7.26	2.82	47.13		40.36
	9512	4CE	.66	1.56	2.36	12.27	44.95		38.21	*	.60	.78	2.22	10.06	33.92		52.42
	9513	4CE	1.13	3.58	1.57	12.42	43.66		37.65	*	1.02	1.82	1.49	10.29	33.25		52.13
	9514	4DE	.40	5.43	.83	10.22	35.05		48.06	*	.35	2.61	.75	8.01	25.28		63.00
	9515	4DE	.52	11.20	1.49	13.21	33.33		40.24	*	.47	5.71	1.42	10.98	25.48		55.93
	9516	4CE	.52	.52	1.71	6.92	32.90		57.42	*	.42	.23	1.45	5.08	22.24		70.57
	9517	4CE	1.01	1.82	2.55	7.23	35.05		52.33	*	.84	.85	2.22	5.47	24.40		66.22
	9518	4DE4	.29	8.20	10.73	6.45	27.74		46.59	*	.25	3.94	9.67	5.05	20.00		61.08
	9519	4DE	.38	3.12	4.47	3.63	20.21		68.19	*	.29	1.33	3.58	2.53	12.94		79.34
	9520	4C3	.66	1.17	2.39	6.92	51.40		37.47	*	.60	.59	2.27	5.72	39.06		51.77
	9521	4C3	1.24	2.11	2.52	7.23	52.69		34.20	*	1.15	1.09	2.45	6.11	40.91		48.29
	9522	4C3	1.85	.83	1.01	4.88	60.00		31.43	*	1.74	.44	1.00	4.19	47.44		45.19
	9523	4E4	.38	2.77	6.26	13.05	35.48		42.05	*	.33	1.36	5.74	10.41	26.04		56.12
	9579	4LO		.12	.15				99.74	*							

DRILL HOLE : FAGA121
NORTHING : 904,829.6
EASTING : 592,478.0
ELEVATION : 1,282.5
TOTAL DEPTH : 263.0
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 CRE-SAMPLES: 28
NOS DOWN-H-SURVEYS: 5
NOS DOWN-H-LITHOLOGY: 50
NOS DOWN-H-STRUCTURE: 51
NOS DOWN-H-FAULTS: 19
NOS DOWN-H-SPLINES: 5
NOS COMPOSITES: 0

DDH: FAGA121 UTM-N: 904,829.6 UTM-E: 592,478.0 UTM-ELEV: 1,282.5 TOTAL DEPTH: 263.0 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 %	TCT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
56.6	57.9	09447	1.3	.4	4A0	3.06	.08	.43	.86	15.00		.82	3	10	13						
57.9	58.8	09448	.9	.3	4A0	3.09	.08	.30	.65	10.00		.62	1	10	12						
58.8	59.7	09449	.9	.8	4A3	3.39	.25	.45	.67	20.00		.89		20	21						
59.7	61.1	09450	1.4	1.4	4E4	4.61	.21	12.40	20.90	143.00		1.10	1	21	23						
61.1	63.2	09501	2.1	2.1	4DE4	3.84	.10	8.40	14.41	129.00		1.23	1	16	17						
63.2	64.8	09502	1.6	1.6	4E4#	4.67	.17	7.10	12.18	120.00		.96	1	31	32						
64.8	66.8	09503	2.0	2.0	4A0	2.98	.12	.64	1.73	17.00		.69		8	9						
156.7	159.4	09504	2.7	1.2	4A13		.06	1.83	3.00	36.00											
159.4	160.4	09505	1.0	.8	5A0		.02	.49	1.05	13.00											
180.4	181.0	09506	.6	.5	4G4#	3.91	.05	6.60	8.00	85.00		.55	2	15	17						
181.0	183.1	09507	2.1	2.1	4E8	4.51	.35	.62	.58	18.00		.96	5	36	42						
183.1	185.2	09508	2.1	2.1	4E8	4.56	.38	1.02	.91	21.00		1.51	7	34	42						
185.2	187.2	09509	2.0	2.0	4E8	4.02	.24	.75	1.16	20.00		1.17	6	28	35						
187.2	188.4	09510	1.2	1.2	4E#	4.13	.14	.38	.15	13.00		1.10	2	33	36						
188.4	189.7	09511	1.3	1.2	4E#4	4.03	.11	3.40	4.80	54.00	53.00	1.30	2	27	29						
189.7	191.7	09512	2.0	2.0	4CE	3.83	.23	1.35	1.58	28.00		.96	7	20	28						
191.7	193.7	09513	2.0	1.6	4CE	3.61	.39	3.10	1.05	40.00		.82	7	20	28						
193.7	195.7	09514	2.0	2.0	4DE	3.45	.14	4.70	.56	12.00		.41	6	16	22						
195.7	197.7	09515	2.0	2.0	4DE-	3.45	.18	9.70	1.00	19.00		.34	8	15	23						
197.7	199.7	09516	2.0	2.0	4CE	3.34	.18	.45	1.15	13.00		.55	4	15	19						
199.7	201.7	09517	2.0	2.0	4CE	3.47	.35	1.58	1.71	31.00		1.23	4	16	20						
201.7	202.2	09518	.5	.5	4DE4	3.45	.10	7.10	7.20	98.00		1.03	4	12	17						
202.2	203.6	09519	1.4	1.4	4DE	3.18	.13	2.70	3.00	48.00	43.00	.96	2	9	11						
203.6	205.5	09520	1.9	1.0	4C3	3.69	.23	1.01	1.60	27.00		1.23	4	23	28						
206.0	207.6	09521	1.6	1.1	4C3	3.82	.43	1.83	1.69	43.00		1.65	4	24	29						
207.6	208.2	09522	.6	.2	4C3	3.74	.64	.72	.68	32.00		.75	3	27	31						
208.2	209.1	09523	.9	.4	4E4	3.56	.13	2.40	4.20	56.00		.62	8	16	24						
209.1	210.0	09579	.9	.0	4L0			.10	.10		2.10										
WEIGHTED AVERAGE																					
56.6	66.8		10.2	8.6		3.70	.13	4.79	8.31	72.90		.92	1	17	18						
156.7	160.4		3.7	2.0			.04	1.46	2.47	29.78											
180.4	205.5		25.1	23.6		3.78	.23	2.58	1.65	28.37	5.14	.94	5	22	28						
206.0	210.0		4.0	1.7		2.89	.29	1.40	1.74	34.60	.47	.91	4	17	21						

DDH: FAGA121 UTM-N: 904,829.6 UTM-E: 592,478.0 UTM-ELEV: 1,282.5 TOTAL DEPTH: 263.0 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
61.000	175.900	95.000
134.100	173.200	83.000
207.300	170.000	91.000
249.900	167.000	98.000

DDH: FAGA121 UTM-N: 904,829.6 UTM-E: 592,478.0 UTM-ELEV: 1,282.5 TOTAL DEPTH: 263.0 SECTION: K 66
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
49.2	0001	#		0.5-	1
54.1	0002	5B6	(10QD) 60:40	0.5-	1
56.6	0003	4L0		0.5-	1
59.7	0004	4A0	-> 4A2 DOWN	0.5-	1
61.1	0005	4E4		0.5-	1
63.2	0006	4D4	(4E14)	0.5-	1
64.8	0007	4E4	&# & POROUS	0.5-	1
66.8	0008	4A0	[4A1 &3 + 3G12]	0.5-	1
67.4	0009	4L0		0.5-	1
72.5	0010	5B6		0.5-	1
87.0	0011	5B6	BIO	0.5-	1
88.3	0012	5B64	BIO	0.5-	1
91.9	0013	5B6		0.5-	1
92.7	0014	5D4*	? [4L]	0.5-	1
96.3	0015	3B3	BIO [5B80 BIO]	0.5-	1
97.3	0016	5B6		0.5-	1
99.0	0017	4L0	BIO	0.5-	1
99.7	0018	3B3	BIO [5B80 BIC]	0.5-	1
101.2	0019	4L0	BIO	0.5-	1
103.2	0020	3B3	BIO A.A.	0.5-	1
104.7	0021	4L0	BIO	0.5-	1
106.8	0022	3B3	BIO A.A.	0.5-	1
113.8	0023	5B6	BIO	0.5-	1
119.8	0024	4L0	BIO	0.5-	1
126.4	0025	5B6		0.5-	1
127.9	0026	4L0	BIO (5D4*)	0.5-	1
143.7	0027	5B6		0.5-	1
147.4	0028	4A1	&3	0.5-	1
147.7	0029	4L0	(5D4*) IN MIDDLE	0.5-	1
151.2	0030	4A0	[4A13 + 3G12]	0.5-	1
155.2	0031	4A0		0.5-	1
156.7	0032	4L0	(5D4)	0.5-	1
158.4	0033	4A13	&4 (4G4) (4E4 &#) MINOR	0.5-	1
160.4	0034	5A1	(5D4*)	0.5-	1
167.3	0035	5B6		0.5-	1
168.7	0036	4L0	[5B4]	0.5-	1
170.7	0037	5B16		0.5-	1
174.1	0038	4L1	(5B16)	0.5-	1
177.9	0039	4L0	&2 -> 4L1 AT E.O.I.	0.5-	1
180.4	0040	5A0	&9 (5D4*)? MINOR	0.5-	1
181.0	0041	4G4	&#	0.5-	1
187.2	0042	4E8	(4E4#) (5D4*) MINOR	0.5-	1
189.7	0043	4E#	(4E#4)	0.5-	1
202.2	0044	4CE	-> 4L13 AND 4E18 LOCALLY	0.5-	1
203.6	0045	4L14	(4D0)	0.5-	1
209.1	0046	4C3	(4E0)	0.5-	1
232.2	0047	4L0	-> (4L2)	0.5-	1
233.9	0048	4L0		0.5-	1
249.9	0049	4L6		0.5-	1
263.0	0050	3B3	BIO ? [5B0 BIO]	0.5-	1

DDH: FAGA121 UTM-N: 904,829.6 UTM-E: 592,478.0 UTM-ELEV: 1,282.5 TOTAL DEPTH: 263.0 SECTION: W 66
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	S0 DIRECT	S1 ANGLE	S1 DIRECT	S2 ANGLE	S2 DIRECT	RFE CDE	DHDC	SDC	PROCESS
FAGA121	0.0	49.6	CS2		0	0	0	0	30	230	0	1	1	1
FAGA121	0.0	55.3	CS2		0	0	0	0	35	230	0	1	1	1
FAGA121	49.2	56.0	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGA121	0.0	59.5	PS2		0	0	0	0	45	230	0	1	1	1
FAGA121	56.0	64.9	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGA121	0.0	65.3	CS2		0	0	0	0	50	230	0	1	1	1
FAGA121	0.0	70.7	CS2		0	0	0	0	64	230	0	1	1	1
FAGA121	0.0	75.9	CS2		0	0	0	0	70	230	0	1	1	1
FAGA121	0.0	80.3	CS2		0	0	0	0	65	230	0	1	1	1
FAGA121	0.0	85.5	CS2		0	0	0	0	71	230	0	1	1	1
FAGA121	64.9	86.4	CS2	M	0	0	0	0	0	0	0	1	1	1
FAGA121	0.0	90.5	CS2		0	0	0	0	80	230	0	1	1	1
FAGA121	0.0	94.0	CS2		0	0	0	0	50	230	0	1	1	1
FAGA121	0.0	99.5	CS2		0	0	0	0	75	230	0	1	1	1
FAGA121	86.4	102.7	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGA121	0.0	104.3	CS2		0	0	0	0	65	230	0	1	1	1
FAGA121	0.0	109.6	CS2		0	0	0	0	60	230	0	1	1	1
FAGA121	0.0	114.3	CS2		0	0	0	0	70	230	0	1	1	1
FAGA121	102.7	115.4	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGA121	0.0	118.0	CS2		0	0	0	0	75	230	0	1	1	1
FAGA121	115.4	118.3	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGA121	0.0	123.9	PS2		0	0	0	0	70	230	0	1	1	1
FAGA121	0.0	128.9	PS2		0	0	0	0	60	230	0	1	1	1
FAGA121	118.3	131.4	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGA121	0.0	133.0	CS2		0	0	0	0	55	230	0	1	1	1
FAGA121	0.0	139.3	CS2		0	0	0	0	63	230	0	1	1	1
FAGA121	0.0	143.8	CS2		0	0	0	0	68	230	0	1	1	1
FAGA121	0.0	148.3	CS2		0	0	0	0	70	230	0	1	1	1
FAGA121	0.0	154.9	CS2		0	0	0	0	62	230	0	1	1	1
FAGA121	0.0	159.0	CS2		0	0	0	0	56	230	0	1	1	1
FAGA121	131.4	163.0	CS2	M	0	0	0	0	0	0	0	1	1	1
FAGA121	0.0	163.5	PS2		0	0	0	0	55	230	0	1	1	1
FAGA121	0.0	168.5	PS2		0	0	0	0	70	230	0	1	1	1
FAGA121	163.0	172.7	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGA121	0.0	173.0	CS2		0	0	0	0	60	230	0	1	1	1
FAGA121	0.0	179.1	CS2		0	0	0	0	62	230	0	1	1	1
FAGA121	172.7	180.4	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGA121	0.0	210.7	PS2		0	0	0	0	85	230	0	1	1	1
FAGA121	0.0	216.4	PS2		0	0	0	0	70	230	0	1	1	1
FAGA121	0.0	221.0	PS2		0	0	0	0	70	230	0	1	1	1
FAGA121	0.0	226.5	PS2		0	0	0	0	65	230	0	1	1	1
FAGA121	0.0	231.1	PS2		0	0	0	0	72	230	0	1	1	1
FAGA121	0.0	236.5	PS2		0	0	0	0	70	230	0	1	1	1
FAGA121	0.0	241.0	PS2		0	0	0	0	70	230	0	1	1	1
FAGA121	180.4	243.3	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGA121	0.0	245.2	CS2		0	0	0	0	74	230	0	1	1	1
FAGA121	243.3	245.8	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGA121	0.0	250.7	PS2		0	0	0	0	61	230	0	1	1	1
FAGA121	0.0	255.7	PS2		0	0	0	0	70	230	0	1	1	1
FAGA121	0.0	260.4	CS2		0	0	0	0	70	230	0	1	1	1
FAGA121	245.8	263.0	PS2	P	0	0	0	0	0	0	0	1	1	1

DDH: FAGA121 UTM-N: 904,829.6 UTM-E: 592,478.0 UTM-ELEV: 1,282.5 TOTAL DEPTH: 263.0 SECTION: W 66
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	REC CD	PARLL	UPPER PLANE		INTERNAL PLANE		LOWER PLANE		DHD
FAGA121	56.5	58.8	P	3		0	0	0	0	0	0	1
FAGA121	61.1	63.2	D			0	0	0	0	0	0	1
FAGA121	87.0	88.3	G			0	0	0	0	0	0	1
FAGA121	119.8	126.4	B			0	0	0	0	0	0	1
FAGA121	0.0	134.9	G			0	0	70	180	0	0	1
FAGA121	135.8	136.0	G			0	0	99	999	0	0	1
FAGA121	0.0	137.5	G			0	0	99	999	0	0	1
FAGA121	0.0	141.3	G			0	0	99	999	0	0	1
FAGA121	127.9	143.7	2G			0	0	0	0	0	0	1
FAGA121	143.7	147.7	1G			0	0	0	0	0	0	1
FAGA121	0.0	152.7	G			0	0	99	999	0	0	1
FAGA121	0.0	154.1	G			0	0	99	999	0	0	1
FAGA121	0.0	154.5	G			0	0	99	999	0	0	1
FAGA121	151.2	155.2	38G			0	0	0	0	0	0	1
FAGA121	205.5	206.0	FN			0	0	0	0	0	0	1
FAGA121	208.2	209.0	XQ			0	0	0	0	0	0	1
FAGA121	203.6	209.1	BR			0	0	0	0	0	0	1
FAGA121	209.1	232.2	1G			0	0	0	0	0	0	1
FAGA121	232.2	233.9	GP	5		0	0	0	0	0	0	1

DDH: FAGA121 UTM-N: 904,829.6 UTM-E: 592,478.0 UTM-ELEV: 1,282.5 TOTAL DEPTH: 263.0 SECTION: W 66
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGA121	1	2
FAGA121	2	2
FAGA121	3	2
FAGA121	4	2
FAGA121	5	1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 75-A121

Project: Grum Relog

Location: Vangorda Plateau

Claim:

~~Terr.~~ UTM Plane Co-ords.: 6904829.6468 N

592477.9659 E

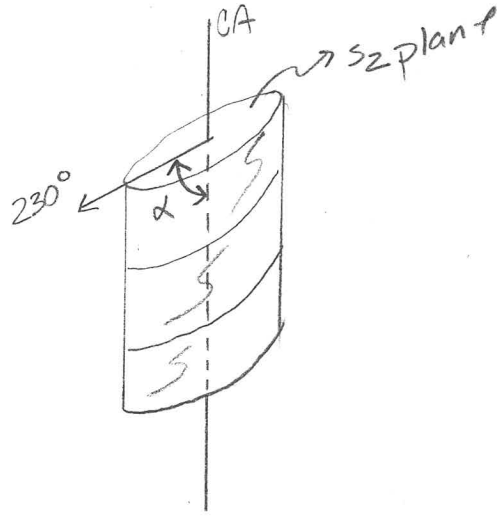
1979 HIW Orthophoto Survey

Grid Co-ords.: 66W / 4N

Elevation: 1282.52 m

Total Depth: 263 m

Fabric Orientation Diagram:



All symmetry determinations looking

NW with S_2 dipping

SW with dip azimuth 230.

Purpose:

Logged by: JSM Date(s) Logged: Aug 14, 15, 1980

Drilling Contractor:

Core:	Size	From	To	Collar Cased and Capped:
	BQ	49.2	260	

Started: 9/12/75 Completed: 9/19/75

Cyprus Anvil Mining Corp.

Diamond Drill Core Log

DDH 75-A-12-L
(2–8)

Code	Drillhole	Elevation	Northing	Easting	Comments
	2–8	10–16	17–24	25–32	34–48
T	75-A-12-L	12821.5	9048291.6	592478.10	MEITRIES

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
	2–8	10–14	22–26	28–32	34–56
R	75-A-12-L	0.0	180.0	0.0	AT COLLAR
R	75-A-12-L	61.0	175.9	95.0	SPERRY SUN
R	75-A-12-L	91.4	174.8	88.0	
R	75-A-12-L	152.4	173.5	78.0	
R	75-A-12-L	228.6	167.3	73.0	
R					
R		1314	173.2	083.0	
R		2073	170.0	091.0	
R		2499	167.0	098.0	
R					
R					
R					
R					
R					
R					
R					

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

DDH 75-A12 (2 / 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Logged By: JSM

Code	From	To	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
L	0 0	14.9 2	1		O/B
L	14.9 2	15.4 1	2	5B6	40% OQQ
L	15.4 1	15.6 6	3	4L0	sfds (py + sph) assoc. w/ OQQ interbed of 4A w/ incipient alteration
L	15.6 6	15.9 7	4	4A0	?1/3/+ (4A3 TOWARD FOOTWALL (1-m)) +(3G12-FINELY INTERBANDED) 2-3% PbZn? not assayed by KA above 59.4
					56.5 - 57.9 0.5/1.4 m } poor core recovery
					57.9 - 58.8 0.3/0.9 m }
L	15.9 7	16.1 1	5	4E4	High grade 25% PbZn
L	16.1 1	16.3 2	6	4D4	" " 20% PbZn; +(4E4); 10-30% QZ AS ROUNDED CLASTS - DISRUPTED IN DEFORMATION → PROB NOT A FAULT
L	16.3 2	16.4 8	7	4G4	? → 4E4 ± POROUS ? ± porous variety ± CALC (20% HCl COLD DRY).
L	16.4 8	16.6 8	8	4A0	4A1±3 +(3G12-FINELY INTERBANDED) 2-3% PbZn? not assayed by KA } fold repeat of units 3+4?
L	16.6 8	16.7 4	9	4L0	
L	16.7 4	17.2 5	10	5B6	
L	17.2 5	18.7 0	11	5B6	w/ biotite → 4L
L	18.7 0	18.8 3	12	5B6	4 as unit 11 w/ biotite but bleached + gouged
L	18.8 3	19.1 9	13	5B6	
L	19.1 9	19.2 7	14	4L0	w/ biotite, bright green chlor. + minor dissem po
					equally 5B64.
L	19.2 7	19.6 3	15	5B0	calcareous, rich in chlorite + biotite, 5B6 @ TOT
L	19.6 7	19.7 3	16	5B6	minor py + po
L	19.7 3	19.9 0	17	4L0	w/ biotite as unit 14.
L	19.9 0	19.9 7	18	5B0	calcareous w/ much chlorite (5B8?) + biotite
					some white mica also - should this be 4L5? 5B4?
L	19.9 7	20.1 2	19	4L0	w/ biotite, non-calc as units 14, 17
L	20.1 2	20.3 2	20	5B0	calcareous chlorite biotite phyllite 5B8?
L	20.3 2	20.4 7	21	4L0	w/ biotite
L	20.4 7	20.6 8	22	5B0	calcareous biotite phyllite, minor chlorite
L	20.6 8	21.3 8	23	5B6	gray phyllite w/ minor local biotite @ 134.9 gouge 70° t.c.a. along 050 assuming S_2 @ 230 DLA; @ 135.8 - 136.0 gouge 11 S_2 ??; @ 137.5 " 11 S_2 ??; @ 141.3 " 11 S_2 ??
L	21.1 3 8	21.1 9 8	24	4L0	w/ biotite
L	21.1 9 8	21.2 6 4	25	5B6	gray phyllite broken core
L	21.2 6 4	21.2 7 9	26	4L0	w/ biotite + interbed of 5D4 ($FeCO_3$ + manipsosite)
L	21.2 7 9	21.4 3 7	27	5B6	50:50 gray phyllite : gouge ~0.5m alternations
L	21.4 3 7	21.4 7 4	28	4A0	→4A1±3 ~10% sfd (py), TOWARD F/W 70% graphite 20% qtz [5A1] - TOWARD H/W; minor gouge
L	21.4 7 4	21.4 7 7	29	4L0	w/ central interbed of 5D43 mottled-altered ($FeCO_3$ + marip)
L	21.4 7 7	21.5 1 2	30	4A0	→4A1±3 +(3G12-FINELY INTERBANDED) ~20% sfd (py) ~~50% graphite~~ 30% qtz not assayed by KA → 60% PHYLLITE + C

LOW GRADE - NOT ASSAYED BY C.A.

DDH 75-A12 (2 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Logged By: JSM

Code	From	To	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
L	1151 2	1155 2	31	4A0	? 85% broken core + gouge @152.7 gouge // S_2 ?? @154.1 " " " @154.5 " " " " @157
L	1155 2	1156 7	32	4L0	minor 5D4 mottled
L	1156 7	1158 4	33	4A0	? 4A13±4 short intervals of + ~~4E1~~ ~~4A0~~ + ~~(4D4)~~ 4A0 + (4A13±4 4E4 ±* CALC)
L	1158 4	1160 4	34	5A0	5A1 5A0/5D4 buff massive interbeds + (4A1±4)
L	1160 4	1167 3	35	5B16	gray phyllite w/ minor bleached zones, minor po + Zn.
L	1167 3	1168 7	36	4L0	or 5B4 Very minor py + sph
L	1168 7	1170 7	37	5B16	
L	1170 7	1174 1	38	4L1	w/ interbeds of 5B16, v. minor py, sphal, + cpy in 4L
L	1174 1	1177 9	39	4L0	concentration of sfds 174.6-175.0 py, sph goes to 4L1 @ EOI
L	1177 9	1180 4	40	5A0	w/ trace sph. center of interval is bleached
L	1180 4	1181 0	41	4G4	±* CALC Towards F/W 15% $BaSO_4$ 15% PbZn (honey sph + gn) calcareous
L	1181 0	1187 2	42	4E8	2-3? % PbZn locally 4E46? ** CALC 4L parting 185.3-185.8
L	1187 2	1189 7	43	4E6	→ 4E* + (4E*4 @ 188.4-189.7m) possibly as much as 10% ~~$BaSO_4$~~ $CaCO_3$ locally local zone of 4CE6
L	1189 7	2002 2	44	4C1E	bands of 4E in qtz-rich bands, Locally grades to 4E13 & 4E18 Note large (0.2 inches) x/s of reddish ~~sph~~ garnet? JSM! @ 96.8 +(4D4 @ 201.4-202.2m)
L	2002 2	2036	45	4L0	→ 4L14 + (4D0)
L	2036	2091	46	4C0	or possibly 4CE as unit 44; ~ 60% sfd, up to 80% SULPHIDE // 205.5-206.0 = FAULT - NO REC. 30% of interval is broken pebble sized core 1S AND SUB m
L	2091	2322	47	4L0	→ 4L2 center of interval w/ ~~minor~~ trace cpy, minor gouge esp. toward EOI, trace talc 208.2-209.0 = BRECCIA - FAULT - 4E4 ±7 4D4 CEMENTED BY $CaCO_3$
L	2322	2339	48	4L0	gouge & missing core 233.2-234.1 0.5/0.9 m rec'd
L	2339	2499	49	4L6	intercalated lower ctc
L	2499	2630	50	5B0	calcareous w/ biotite
		EOH			

CONTACTS?

DDH 75-A-121 (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		49.2					O/B
S		49.6	CS	Z		30 230	Z region 49.2 - 56.0
S		55.3	CS	Z		35 230	
S		56.0	FZ	Z			R region 56.0 - 64.9
S		59.5	PS	Z		45 230	
S		64.9	FZ	R			M region 64.9 - 86.4
S		65.3	CS	Z		50 230	
S		70.7	CS	Z		60 230	
S		75.9	CS	Z		70 230	
S		80.3	CS	Z		65 230	
S		85.5	CS	Z		70 230	
S		86.4	FZ	M			S region 86.4 - 102.7
S		90.5	CS	Z		80 230	
S		94.0	CS	Z		50 230	
S		99.5	CS	Z		75 230	
S		102.7	FZ	E			Z region 102.7 - 115.4
S		104.3	CS	Z		65 230	
S		109.6	CS	Z		60 230	
S		114.3	CS	Z		70 230	
S		115.4	FZ	3			S region 115.4 - 118.3
S		118.0	CS	Z		75 230	
S		118.3	FZ	S			P region 118.3 - 131.4
S		123.9	PS	Z		70 230	
S		128.9	PS	Z		60 230	
S		131.4	FZ	P			M region 131.4 - 163.0
S		133.0	CS	Z		55 230	
S		139.3	CS	Z		63 230	
S		143.8	CS	Z		68 230	
S		148.3	CS	Z		70 230	
S		154.9	CS	Z		62 230	
S		159.0	CS	Z		56 230	
S		163.0	FZ	M			P region 163.0 - 172.7
S		163.5	PS	Z		55 230	
S		168.5	PS	Z		70 230	
S		172.7	FZ	P			Z region 172.7 - 180.4
S		173.0	CS	Z		60 230	

DDH 75-A-121 (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		1179	CSZ			62 230	
S		1180	FZZ				R region 180.4 – 210.0
S		2100	FZR				P region 210.0 – 243.3
S		2107	PSZ			85 230	
S		2164	PSZ			70 230	
S		2210	PSZ			70 230	
S		2265	PSZ			65 230	
S		2311	PSZ			72 230	
S		2365	PSZ			70 230	
S		2410	PGZ			70 230	
S		2433	FZP				S region 243.3 · 245.8
S		2452	CSZ			74 230	
S		2458	FZS				P region 245.8 – 263.0
S		2507	PSZ			61 230	
S		2557	PSZ			70 230	
S		2604	CSZ			70 230	
S		2630	FZP				EOH

66W

DDH 75-A12 Cyprus Anvil Mining Corp

Logged by GG

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

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
P	156	179	194417	13	04	4A13	
/	179	188	194418	09	03	4A13	
/	188	197	194419	09	08	4A13	+ (4A13) ±4
/	197	211	195010	14	14	4G4	
/	211	232	195011	21	21	4D4	+ (4E14)
/	232	248	195012	16	16	4E4	± powers
/	248	268	195013	20	20	4A1	± 3
/	1516	1594	195014	17	12	4A13	±4 + (4E * 4-calc) + (AD4)
/	1594	1610	195015	10	08	5AD	+ (4A 154)
/	1810	1810	195016	06	05	4G4	
/	1810	1831	195017	21	21	4E8	
/	1831	1852	195018	21	21	4E8	
/	1852	1872	195019	20	20	4E8	
/	1872	1884	195110	12	12	4E*	
/	1884	1897	195111	13	12	4E*	
/	1897	1911	195112	20	20	4CE	
/	1911	1937	195113	20	16	4EE	
/	1937	1957	195114	20	20	4CE	
/	1957	1977	195115	20	20	4CE	
/	1977	1997	195116	20	20	4CE	
/	1997	2017	195117	20	20	4CE	
/	2017	2022	195118	05	05	4D4	
/	2022	2036	195119	14	14	4L14	+ (4D0)
P	2036	2055	195210	19	10	4C0	
P	2060	2076	195211	16	11	4C0	
/	2076	2082	195212	06	02	4C0	
/	2082	2092	195213	09	04	4E4	
/	2092	2101	195179	09		4L0	— KA ASSAY.
↓							

REC > INT. →

LOGGED 1980 / CHECKED & ASSAYED 1981 GGW

DDH 75-A12-1 (2 … 8) **Cyprus Anvil Mining Corp** Page 8 of 9

CHECKED ~~Logged~~ by GG

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

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
1	10 … 14	16 … 20	22 … 26	28 … 30	32 … 34	36 … 40	42
P	1516.6	1517.9	191A17	11.3	10.4	1A11.3	
P	1517.9	1518.8	191A18	10.9	10.3	1A11.3	
P	1518.8	1519.7	191A19	10.9	10.8	1A13.1	+(4A13) ±4
P	1519.7	1611.1	191A10	11.4	11.4	1E14.1	
P	1611.1	1613.2	191B01	12.1	12.1	1DA1.1	+(4E14)
P	1613.2	1614.8	191B02	11.6	11.6	1EA1.1	± POROUS
P	1614.8	1616.8	191B03	12.0	12.0	1A11.1	±3
P	1516.7	1518.4	191B04	11.7	11.2	1A11.3	±4 +(4E*4-CALC) +(4D4)
P	1518.4	1610.4	191B05	12.0	11.8	15A1D1	+(4A1±4)
P	1180.4	1181.0	191B06	10.6	10.5	1A6A1.1	
P	1181.0	1181.3	191B07	12.1	12.1	1A1E8.1	
P	1181.3	1181.5	191B08	12.1	12.1	A1E8.1	
P	1181.5	1181.7	191B09	12.0	12.0	A1E8.1	
P	1181.7	1181.8	191B10	11.2	11.2	1A1E*1	
P	1181.8	1181.9	191B11	11.3	11.2	1A1E*18	
P	1181.9	1191.1	191B12	12.0	12.0	1A1C1E1	
P	1191.1	1193.7	191B13	12.0	11.6	1A1C1E1	
P	1193.7	1195.7	191B14	12.0	12.0	1A1C1E	
P	1195.7	1197.7	191B15	12.0	12.0	1A1C1E1	
P	1197.7	1199.7	191B16	12.0	12.0	1A1C1E1	
P	1199.7	1201.7	191B17	12.0	12.0	1A1C1E1	
P	1201.7	1202.2	191B18	10.5	10.5	1A1DA1	
P	1202.2	1203.6	191B19	11.4	11.4	A1L1.14	+(4DO)
P	1203.6	1205.5	191C10	11.9	11.0	1A1C101	
	1205.5	1206.0		10.5	1	1 [illegible] 1	"SAND SEAM" - FAULT - NO REC // ASSAY =0?
P	1206.0	1207.6	191C21	11.6	11.1	1A1C101	
P	1207.6	1208.2	191C22	10.6	10.2	1A1C101	+(4E1)
P	1208.2	1209.1	191C23	10.9	10.4	1AE4.1	+ (4D4) + (4C0) - BRECCIA.
P	1209.1	1211.0	19[illegible]579	10.9	1	1AL101	LOW GRADE NOT SAMPLED // SEE K.A. LOG #2726
							END OF HOLE @ 963.0 m.

UNITS = METRES

SPLIT

SPLIT AS NEEDED

SPLIT AS NEEDED

DDH 75-A-121 (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	1594	1628	127011	KA	3.4	3.1	4A0, 4E4, 4D4
P	1628	1648	127012	KA	2.0	1.7	4D4, 4G4
P	1648	1658	127013	KA	1.0	1.0	4A0
P	1516	1579	127014	KA	1.1	0.55	4AD
P	1579	1584	127015	KA	0.5	0.3	4AD
P	1584	1603	127016	KA	1.2	1.0	5AD
P	1804	1812	127017	KA	0.8	0.7	4G4
D	1812	1828	127018	KA	1.6	1.5	4E8
P	1828	1851	127019	KA	2.3	2.3	4E8
P	1851	1864	127110	KA	1.3	1.25	4E8
P	1864	1884	127111	KA	2.0	2.0	4E8, 4E6
P	1884	1899	127112	KA	1.5	1.3	4E6
P	1899	1926	127113	KA	2.7	2.1	4CE
P	1926	1938	127114	KA	1.2	1.0	4CE
P	1938	1948	127115	KA	1.0	0.9	4CE
P	1948	1970	127116	KA	2.2	2.2	4CE
P	1970	1987	127117	KA	1.7	1.7	4CE
P	1987	1999	127118	KA	1.2	1.2	4CE
P	1999	2015	127119	KA	1.6	1.5	4CE
P	2015	2028	127210	KA	1.3	1.0	4CE
P	2028	2036	127211	KA	0.8	0.5	4LC
P	2036	2042	127212	KA	0.6	0.47	4CO
P	2042	2060	127213	KA	1.8	0.28	4CO
P	2060	2082	127214	KA	2.2	0.8	4CO
P	2082	2091	127215	KA	0.9	0.3	4CO
P	2091	2100	127216	KA	0.9	0.5	4LO

Resampled

DDH EAGA121 (2 8 meters)

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	1565	1588	P	3				
F	1611	1632	D					
F	1870	1883	G					
F		1349	G			70 180		
F	1358	1360	G			99 999		
F		1375	G			99 999		
F		1413	G			99 999		
F	1198	1264	B					
F	1437	1477	1G					
F	1279	1437	2G					
F	1512	1552	3BG					
F		1527	G			999 999		
F		1541	G			999 999		
F		1545	G			999 999		
F	2065	2060	FN					
F	2036	2091	BR					
F	2082	2090	XP					
F	2091	2321	G					
F	2322	2339	GP	S				

DIAMOND DRILL RECORD

LOGGED BY Fred Chow

D.D.H. Nº 75-A121 PAGE 1

PROPERTY VANGORDA, GRUM JIONT VENTURE, Y.T.

LATITUDE 10 618 200^{N} HIW 4N P.A.GRID

DEPARTURE 7780 257^{E} L66W

ELEVATION 1293 131

STARTED September 12/75 D5.

COMPLETED September 19/75. D5

PROPOSED DEPTH 283 Metres

ULTIMATE DEPTH 260 Metres

HOLE SURVEY:		
DEPTH	BEARING	DIP
0'		90°
200'	94°	86°
400'	83°	83°
680'	80°	89°
820'	97°	77°

CLAIM Nº

N

DIRECTION AND DISTANCE FROM N.E. CLAIM POST

Interval From	Interval To	DESCRIPTION	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
0	49.2	OVERBURDEN	0.04/49.2		0	40.2									
		A few granitic pebbles recovered.													
49.2	52.8	QUARTZ-SERICITE PHYLLITE. Med. grey													
		30-40% quartz-fels. Highly sericitic	2.8/3.6		49.2	52.8									
		F_2 C.A. 30° @ 49.5-51M, 35° @ 51.5-52.8M													
52.8	55.1	QUARTZ SERICITE PHYLLITE. Bleached. Buff to grayish													
		buff 30-40% Quartz-fels. Highly sericitic. Quartz lens	2.1/2.3		52.8	55.1									
		@ 53.3-53.7. F_2 C.A. 10° @ 52.9, 50-50° @ 53.8-55M													
55.1	59.4	QUARTZ-SERICITE PHYLLITE c/ SULPHIDES													
			1.1/1.4			56.5									
		50% Quartz-fels, 5-30 Sericite, minor chlorite + fuchite @	0.4/1.4		55.1	57.9									
		55.8-56.4, 55.1-58.8 or 0-3 Py, Negli: PbZn, 58.8-59.4													
		or 25 Py, Negli: (0.1%) PbZn. Mainly F_2 mineralizations.	0.2/.9			58.8									
		F_2 C.A. 20° @ 55.2 (local F_1 good), 70° @ 56.2,													
		55° @ 56.4, 40° @ 59-59.4 M.	.5/.6			59.4									

LOGGED BY _____ D.D.H. NO 75-A121 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
59.4	64.8	MASSIVE SULPHIDES													
		Banded massive sulphides, rich PbZn, sphal colour ranges	3.1	2701	59.4	62.8	3.4	10.58	17.97	3.82			35.972	61.098	12.988
		from light brown to dark brown. Leach holes throughout = 2% leach from 59.4-62.7. 5-8% leaching from 62.7-64.8,	1.7	2702		64.8	2.0	8.01	12.97	3.79			16.020	25.940	7.580
		latter porous-looking. 59.4-62.7 55 Py, 22 PbZn -64.8 70 Py, 15 PbZn		WT.AV	59.4	64.8	5.4	9.63	16.12	3.81	(130.6 gm/mt)		51.942	87.038	20.568
		F_2 Mineralization. C.A. 50° @ 59.7, 60° @ 60.4, 70° @ 61.6, F_2 mase @ 61.9													
		70° @ 63, F_2 nose @ 63.5, 45° @ 63.6-64.3													
64.8	66.8	QUARTZ-SERICITE-GRAPHITE PHYLLITE WITH SULPHIDES													
		70% Quartz-fels, 15 sericite, 5(?) graph, 5 Py, Dark grey	1	2703	64.8	65.8	1.0	.63	1.32	.38					
		thinly banded. 64.8-65.8 1.5 PbZn, prominent poal F_1, F_2&F_1 mineraliz.	.8/1			66.8		EST.	0.2	PbZn					
		-66.8 0.2 PbZn, local F_1 mod. developed. F_2 C.A. 50° @ 65, 60 to 67°													
66.8	87.0	QUARTZ-SERICITE PHYLLITE. Medium grey.													
		40-50% Quartz-fels. Thinly foliated sericite, a few quartz													
		lense Mod. competent to 80, mid. fissile from 80-87 a/a	13.4/13.7			80.5									
		a few minor shears.	.3/1.2		66.8	81.7									
		F_2 C.A. 50° @ 67.4-69, 70° @ 69.5, 60° @ 70.8, 70° @ 71, 60-70° @ 71.5-82.5, 70-80° @ 82.5-86, 65° @ 86.5	.9/1.5			83.2									
			3.6/3.8			87.0									
87.0	88.0	QUARTZ-SERICITE WITH SULPHIDES. BLEACHED BUFF.													
		60% quartz-fels. 2% Py dissem. within bands. No PBZN.													
		Small shears, lower contact 20-40°. F_2 @ 50-70°.	1/1		87.0	88.0									

LOGGED BY _____ D.D.H. Nº 75-A121 PAGE 3

Interval From	Interval To	DESCRIPTION	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
88.0	91.9	QUARTZ-SERICITE PHYLLITE. Medium grey.													
		Similar to 66.8-87^m. F_2 C.A. 75-80°	3.8/3.9		88.9	91.9									
91.9	106.7	QUARTZ-SERICITE-BIOTITE PHYLLITE. Altered. Bleached grey buff & buff.													
		45-50% Quartz-fels. Variable alteration ranging from dirty medium grey to grayish-buff to buff color. Intermittent occurence of biotite (parts appear to be phlagopite). 1-2% Py, also local mineralized. Sericite thinly foliated. Local F_1 poorly developed. Rock mod. competent.	13.4/14.8		91.9	106.7									
		F_2 C.A. 75-80-85°.													
106.7	113.8	QUARTZ-SERICITE PHYLLITE. Medium grey.													
		Similar to 66.8-87^m F_2 C.A. 80-85°	6.9/7.1		106.7	113.8									
113.8	118.3	QUARTZ-SERICITE-BIOTITE PHYLLTE. Bleached Buff.													
		Similar to 91.9-106.7^m. Negli Py. 3% biotite occuring mainly in F_1 folds which are very prominent F_2 C.A. 80-85°.	4.5/4.5		113.8	118.3									
118.3	124.1	QUARTZ-SERICITE PHYLLITE. Altered. Medium grey.													
		Similar to 66.8-87.9 but with short sections of Quartz-ser.	2/3		118.3	121.3									
		biotite interbanded. Rocks somewhat fractured ang split readily along foliation planes. Note moderate shearing	1.1/1.5			122.8									
		with minor gouge @ 118.4-119.3 & @ 123-123.4 F_2 C.A. 75-80°	0.4/1.3			124.1									

LOGGED BY _____ D.D.H. Nº 75-A121 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
124.1	132.3	QUARTZ-SERICITE PHYLLITE. Altered. Med. grey													
		Similar to 118.3-124.1 without the biotite. Rock appears	1/1.2		124.1	125.3									
		to be disturbed by many small shears-fissile and broken,	0.7/1.5			126.8									
		mod. core loss. Buff colour bleaching @ 126.2-127.	1.6/3.0			129.8									
		F_2 C.A. 70°	2.1/2.5			132.3									
132.3	143.7	SHEAR ZONE IN QUARTZ-SERICITE PHYLLITE. Med. grey													
		35-45% Quartz-fels. Phyllite similar to above section	3.5/4.3		132.3	136.6									
		124.1-132.3 but sheared in numerous places-every 0.5'-1,													
		most show gouge and some with breecia. Negli Py- Shearing	1.4/2.4			139.9									
		@ 20,70,40°	2.5/2.7			141.7									
		F_2 C.A. 75°.	2/2			143.7									
143.7	155.0	QUARTZ-GRAPHITE-SERICITE PHYLLITE WITH SULPHIDES													
		55-65% quartz-fels, 20 graph, 15 ser, 5 py. Siliceous	2.5/3.1		143.7	146.8									
		and hard though fractured, also sheared @ 144, 144.8, 145.7													
		Local F_1 mod. developed. Py follow F_1 and F_2, also filling	4.7/4.7		146.8	151.5									
		fractures and tension cracks. Spots chalco noted.													
		151-155 Much shearing, shattering, brecciation, some shears	2.3/3.0			154.5									
		accompanied by gouge.													
		F_2 C.A. 75° to 145.8, 65° @ 146, 75° @ 147.5, 70° @ 148-	.4/.5			155.0									
		151, 75° 155.5													
155.0	156.8	QUARTZ-SERICITE±GRAPHITE PHYLLITE WITH MINOR SULPHIDES.													
		Rock highly altered, and fractured. 3 Py, negli. PbZn	1/1.8		155.0	156.8									
		F_2 @ 75°													

LOGGED BY _____ D.D.H. NO 75-A121 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
156.8	160.3	QUARTZ-SERICITE-GRAPHITE PHYLLITE WITH SULPHIDES.													
		55% Quartz-fels. Interbanded Quartz-sericite and quartz-graphite phyllite, also rich sulphide sections.	0.55	2704	156.8	157.9	1.1	3.60	3.90	1.91			3.96	4.29	2.10
			0.3	2705		158.4	0.5	3.00	6.44	1.38			1.50	3.22	.69
		156.8-157.4 Massive sulphides and .07m of sericite-graph; Av. 75 Py, 9 PbZn.	.6/.7			159.1	0.7	EST.	0.05	PbZn					
		-157.9 Quartz-sericite-graphite; 4 Py, 2 PbZn	1	2706		160.3	1.2	.58	1.06	.29			.70	1.27	.35
		-158.4 Quartz-sulphides, 10 Py, 10 PbZn													
		-160.3 Interbanded sericite-graphite, Sericitic bands non-mineralized. Av 2 Py, 1 PbZn.													
		F_2 C.A. 85° @ 156.8-158, 75° @ 158.3-160.			156.8	158.4	1.6	3.41	4.69	1.74	(59.79)		5.46	7.51	2.79
160.3	166.8	QUARTZ-SERICITE PHYLLITE. Dark grey													
		40% Quartz-fels thinly foliated sericite, negli py. a few streaks and spots of PbZn. Locally minor alteration. F_2 C.A. 75-80° @ 160.4-162.4, 70° @ 162.5-164.3, 65-75° @ 164.5-166.8	6.3/6.5		160.3	166.8									
166.8	174.1	QUARTZ-SERICITE PHYLLITE. Altered.													
		45% quartz-fels. Dirty l-med grey with alternating bands of bleached buff Phy. Minor py, irregular mineralization. Scattered spots of ZnPbCu. Minor local F_1 poor. Many slips, a few random shears-some with gouge. F_2 C.A. 70°.	6.9/7.3		166.8	174.1									
174.1	178.0	QUARTZ-SERICITE PHYLLITE. Bleached buff.	3.3/3.3		174.1	177.4									
		35% quartz-fels, thinly banded, mod. fissile. Generally barren of sulphides except @ 174.4-175 which contain bands of 25 Py and 0.2 PbZn.													
		F_2 C.A. 75° @ 174.2, 70° @ 175-178.	.4/.6			178.0									

LOGGED BY _____ D.D.H. NO 75-A121 PAGE 6

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
178.0	180.4	QUARTZ-SERICITE PHYLLITE Dark grey													
		40% Quartz-fels, thinly banded. Distorted and fractured @	1.6/2.4		178.0	180.4									
		178.1-179.4 Minor Py (0.2%), a few streaks and spots PbZn													
		F_2 C.A. 40° @ 178.1-179.1, 70° to 180.4													
180.4	189.4	MASSIVE SULPHIDES													
		Fine grained, massive py with faint banding, magnetite	0.7	2707	180.4	181.2	0.8	7.50	8.53	2.88	(98.8 g/mt)		6.00	6.824	2.304
		occur from 181.2-187. Low PbZn, minor barite.											1.28	.768	.704
		180.4-181.2 Quartz-barite-sulphides, 35 py, 14 PbZn	1.5	2708		182.8	1.6	.80	.48	.44			0.768	.564	.318
		-183.0 90 Py, Mag, PbZn 1				185.1	2.3	1.28	.94	.53					
		-185.3 80 Py, 1.5 Mag, 4 PbZn	2.3	2709	(183.4	-185.1)	(1.7)						3.77=PbZn		
		-185.8 Bleached buff sericite phyllte.													
		-186.0 95% Py, PbZn	1.25	2710	185.1	186.4	1.3	1.10	.94	.44			2.65	PbZn	
		-186.2 Bleached buff sericite phyllte													
		-188.5 85 Py, 3 PbZn, minor mag.	2.0	2711		188.4	2.0	.88	.80	.44			3.36	PbZn	
		-189.4 75 Py, 9 PbZn													
			1.3	2712		189.9	1.5	3.90	6.11	1.76	(60.4 g/mt)		5.85	9.165	2.64
		F_2 CLA. 45° @ 180.4-184, 50° @ 184.2-184.7, 60° @ 185.5,		w. Av.	180.4	183.4	3.0	2.68	2.72	1.11	(38.0)		8.048	8.156	3.326
		30° @ 186, 50° @ 186.3, 60° @ 187, 55° @ 189		w Av.	183.4	188.4	5.0	1.96	PbZn				9.78	PbZn	
189.4	193.7	QUARTZ-SULPHIDES±BARITE±SERICITE (Bleached)			(189.9	-191.4)	(1.5)						2.175	2.10	.84
			2.1	2713	189.9	192.6	2.7	1.45	1.40	.56					
		Massive rock with variable amount of sulphides, siliceous			(191.4	-192.6)	(1.2)						3.42	PbZn	
		Av. 50 Py, 3 mag, 0.3 Cu, 5.5 BZ. Banded, F_2 mineralizati.													
		F_2 C.A. 50-55°.	1.0	2714		193.8	1.2	2.70	1.22	.74			4.70	PbZn	
193.7	203.6	QUARTZ-SULPHIDES-SERICITE, Bleached Buff sericite.			188.4	191.4	3.0	2.68	3.76	1.16	(39.8)		8.025	11.265	3.48
					191.4	193.8	2.4	3.38	PZ				8.12	Pz	
		Quartzy, banded, variable sulphs, F_2 mineralization. Some	0.9	2715	193.8	194.8	1.0	.80	.38	.26			1.18	PbZn	
		bands very sericitic, also variable.													
		193.7-194.8 30 Py, 0.5 PZ, 1% sericite	2.2	2716		197.0	2.2	.75	1.02	.21			3.89	PbZn	
		-197.0 4 sericite, 40 Py, 0.4 mag; 5 PZ													
		-201.5 1-4 " " 30-40 Py, minor mag. @ 199.9-204.4	1.7	2717		198.7	1.7	.85	1.22	.29			3.52	PbZn	
		4-6 PZ													

LOGGED BY _____ D.D.H. Nº 75-A121 PAGE 7

Interval From	Interval To	DESCRIPTION	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		-202.8 20 Sericite 15 Py, 12 PbZn (0.3m of H.G.-core loss higher percentage than remaining sample length)	1.2	2718		199.9	1.2	.48	1.04	.26			1.82	PbZn	
		-203.6 Quartz-sericite phyllite with 8 Py, 4 PbZn. Bleached buff.	1.5	2719		201.5	1.6	1.60	1.18	.69			1.12	.826	1483
		F_2 C.A. 45° @ 194, 60° @ 194.7, 50° @ 195.7, 40° @ 196.5, 50° @ 198-202.5, 60° @ 202.7, 70-75° @ 203.6	1.0	2720		202.8	1.3	5.53	6.33	2.18			7.19	8.23	2.83
			0.5	2721		203.6	0.8	2.93	3.54	1.09			2.34	2.83	.87
				w.Av	193.8	200.8	7.0	1.68	PZ				11.78	PZ	
				"	200.8	203.6	2.8	3.80	4.25	1.49	(51.2)		10.65	11.886	4.183
203.6	209.1	QUARTZ-SULPHIDES													
		Massive banded, 55-70 Py, 1-9 PbZn .208.2-209.1-sulphide breccia.	0.47	2722	203.6	204.2	0.6	.65	.54	.35					
		203.6-204.2 60 Py, 1 PbZn	0.28	2723		206.0	1.8	1.83	1.60	.62					
		-206.0 70 Py, 6 PbZn (Rec. poor) -208.2 55 Py, 1 PbZn	0.8	2724		208.2	2.2	1.63	1.48	.83			3.586	3.256	1.826 ~~1.8~~
		-209.1 40 Py, 9 PbZn Cove Recovery very poor.	0.3	2725		209.1	0.9	3.23	4.47	1.50			2.907	4.266	1.35
		F_2 C.A. 70-75°		w.Av	206.0	209.1	3.1	2.09	2.43	1.02	(35.1)		6.493	7.522	3.176
209.1	233.2	QUARTZ-SERICITE PHYLLITE WITH SULPHIDES. Bleached Buff. Sheared Zone. 45-50% Quartz-fels, 0-5% pyrite negligible PbZn Ca.													
		Zone intensely disturbed, many small shears with parts gougy minor breecia, numerous fractures @ slips.	0.5	2726	209.1	210.0	0.9	.10	.10	.06					
		Shearing @ 35-55° to core. Longer shears @ 213.6, 216.1, 2.7.2, 222.5-222.7, 227.2-227.5, 229.5-229.8.	1.4/2.1 1.6/1.6			212.1 213.7									
		Main Fault at 232.2-232.9 gouge+rock particles, also fuschite.	2.4/5.6 1.6/1.7			219.3 221.0									
		F_2 C.A. 85° @ 209.1-212.3, 65° @ 212.5, 75° @ 213.8, 60°@ 217.3, 75° @ 218.6, 70° @ 220.8-222, 60° @ 223, 75° 224.9 65° @ 225.7, 70° @ 228.3, 60° @ 229.4, 75° @ 231	0.75/1.5 3.8/4.6 1/2.1 1.2/1.8			222.5 227.1 229.2 231.0									

LOGGED BY _____ D.D.H. NO 75-A121 PAGE 8

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
			1.75/2.2			233.2									
233.2	233.7	QUARTZ-BIOTITE-SERICITE PHYLLITE. Dark Brown.													
		55% quartz-fels, 40% biotite-thin foliations.													
		F2 @ 50°.	.25/.5		233.2	233.7									
233.7	244.3	QUARTZ-SERICITE±CHLORITE PHYLLITE. Bleached Gray-Buff.													
		35-40% quartz-fels, sericitic, 2 chlorite Phyllite bleached													
		to 50% buff colour. The quartz and chlorite imports a gray-													
		ish colour. Rock massive, thinly foliated, negli. py.	.55/1.6		233.7	235.3									
		Rock shows little disturbance from 235.3 onward.													
		F_2 C.A. 70-75°.	8.5/9			244.3									
244.3	247.6	QUARTZ-SERICITE PHYLLITE. Bleached Buff.													
		Similar to 233.7-244.3 except no chlorite. F_2 C.A. 70-75°	2.8/3.3		244.3	247.6									
247.6	250.9	QUARTZ-SERICITE PHYLLITE. Sheared Interface.													
		Upper contact 40° slip, lower contact 70° quartz lenses													
		contact. Interbanded or inter-fingering of bleached Buff													
		Quartz-sericite and med. to dark grey Quartz-sericite± grap.	.4/.5		247.6	248.1									
		All inter-fingering contacts are sheared and rock distorted.													
			1.2/1.8			249.9									
		F_2 C.A. 60° @ 247.7, 45° @ 248.2-249, 50° @ 249.3, 65-60°	.7/1			250.9									
		@ 250-250.7													

LOGGED BY _____ D.D.H. Nº 75-A121 PAGE 9

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
250.9	251.7	QUARTZ-SERICITE-GRAPHITE PHYLLITE. Dark Grey.													
		Thinly foliated, massive, intensely fractured. F_2 @ 70°	.7/.8		250.9	251.7									
251.7	263.0	QUARTZ-BIOTITE-SERICITE PHYLLITE. Dark grey-brown.													
		55% quartz-fels. Massive thinly foliated, numerous tension cracks. Av. 35 Bio. 10 Ser; sections rich in biotite. From 260.5-263=more ser than bio (5%), also less fractures.	11.3/11.3		251.7	263.0									
		F_2 C.A. 65-70°.													
	263	END OF HOLE.													
		REMARKS: (1) Hole Size= 0-14' HW, 14-160' BW													
		(2) Water Season @ 623', makes water but no return circulation when drilling.													
		(3) Hole cemented by pouring cement by hand, 14/50# bats used.													

DDH: FAGA121 -- 42 DEGREE PROFILE

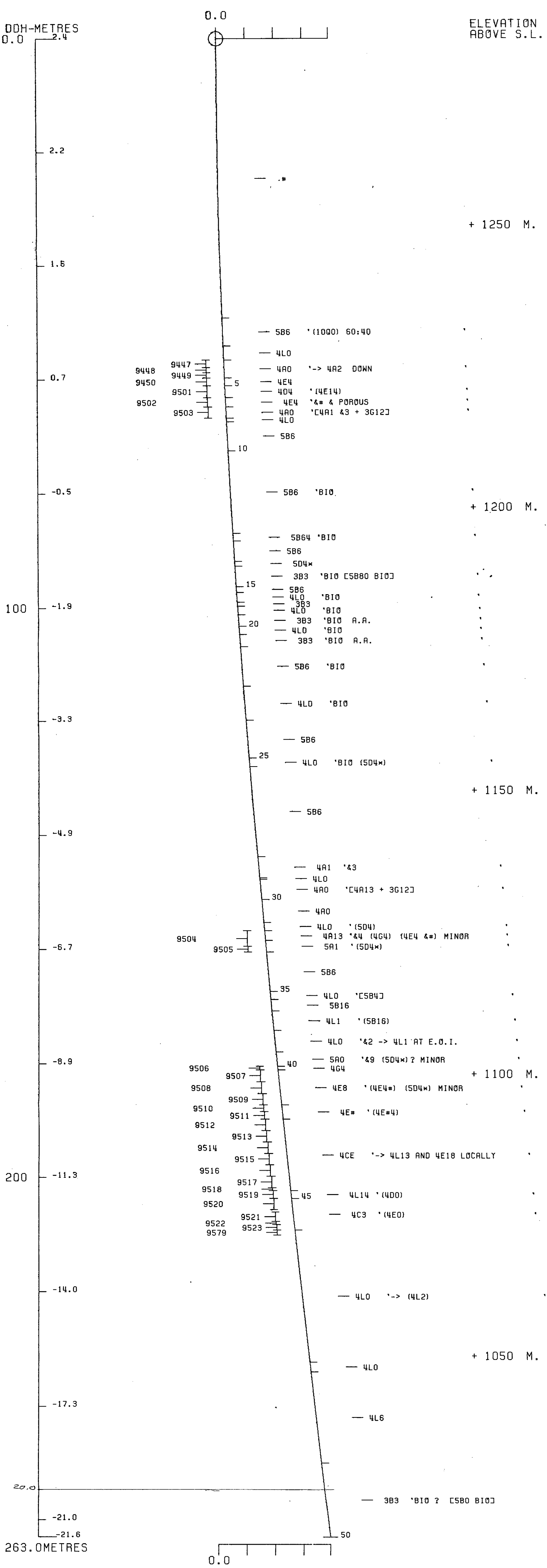
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1283 592478E ; 904830N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 495.0 Z = 1283.0

SECTION NAME: 66W



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 24 MAY 1984 3:51 PM

DDH: FAGA121 -- 42 DEGREE PROFILE

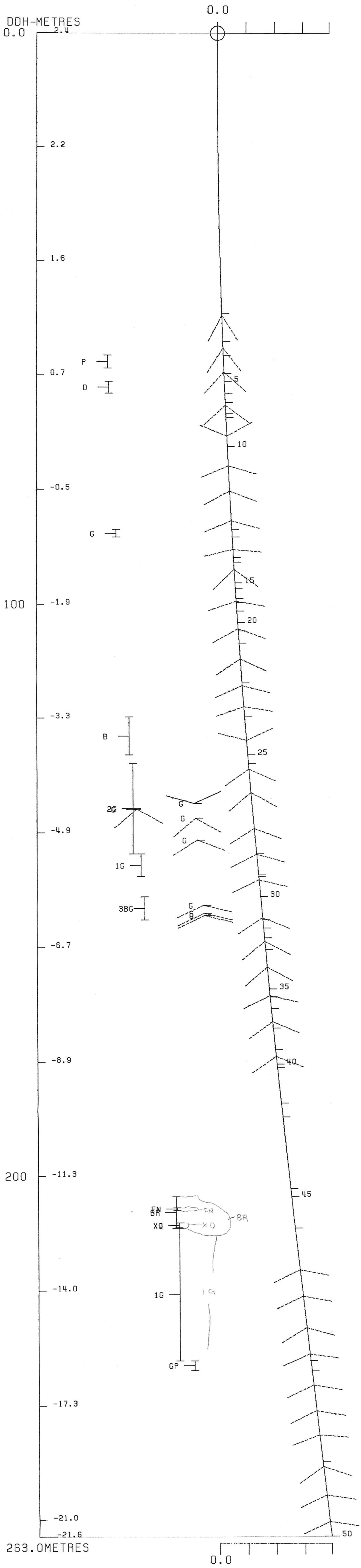
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1283 592478E ; 904830N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 495.0 Z = 1283.0

SECTION NAME: 66W



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 24 MAY 1984 3:53 PM

FAGA135

84/10/16

GRUM DATABASE - QUIZ REPORT

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
	9865	47.7	48.9	1.2	100	4H4#	4.58	.10	11.80	10.00	201.0	1.03	12.94	10.80		21.80	23.74	.46
	9866	48.9	50.6	1.7	100	4EG4	4.26	.10	11.30	9.70	188.0	1.10	1.80	18.60		21.00	20.40	.46
	9867	50.6	51.3	.7	100	4LO	3.18	.07	2.60	3.70	43.0	.55	3.98	4.95		6.30	8.93	.59
	9868	51.3	52.8	1.5	100	4EG4#	4.30	.04	17.30	12.20	259.0	1.37	2.31	17.30		29.50	19.61	.41
	9869	52.8	53.7	.9	100	4LO	2.91	.04	.98	1.20	18.0	.55	2.60	4.12		2.18	6.72	.55
	9870	53.7	54.5	.8	100	4A4	2.99	.07	3.20	5.40	53.0	.69	3.53	5.20		8.60	8.73	.63
	9871	54.5	56.4	1.9	100	4G4#	4.21	.04	10.80	10.50	180.0	.89	1.67	16.40		21.30	18.07	.49
	9872	56.4	58.3	1.9	100	4G4#	4.28	.05	14.10	13.80	240.0	.96	2.25	15.20		27.90	17.45	.49
	9873	75.5	76.6	1.1	45	4L14		.03	5.20	8.40	80.0					13.60		.62
	9874	132.7	135.0	2.3	100	4A4	3.21	.05	2.30	3.90	42.0	.69	1.86	12.90		6.20	14.76	.63
	9875	135.0	136.0	1.0	100	5D4*	2.95	.03	.60	.94	12.0	.27	5.75	3.65		1.54	9.40	.61
	9876	136.0	136.7	.7	100	4GHE	3.97	.08	6.30	6.10	104.0	.55	10.79	6.50		12.40	17.29	.49
	9877	136.7	138.3	1.6	100	4GCL	3.48	.08	2.30	3.30	39.0	.62	2.25	11.30		5.60	13.55	.59
	9878	138.3	140.3	2.0	95	4G48	4.40	.06	4.50	6.30	68.0	1.23	3.75	16.30		10.80	20.05	.58
	9879	140.3	142.3	2.0	100	4G48	4.38	.06	7.60	7.50	102.0	.69	3.90	15.60		15.10	19.50	.50
	9880	142.3	144.3	2.0	95	4G48	4.17	.15	4.30	7.00	84.0	.75	1.71	16.60		11.30	18.31	.62
	9881	144.3	146.4	2.1	95	4G48	4.05	.06	3.90	7.40	65.0	.69	2.40	12.40		11.30	14.80	.65
	9882	146.4	147.3	.9	100	4E48	4.37	.19	8.60	6.90	118.0	1.44	6.48	25.90		15.50	32.38	.45
	9883	147.3	149.1	1.8	94	4D48	3.84	.17	11.60	5.10	145.0	2.54	10.98	14.10		16.70	25.08	.31
	9884	149.1	151.7	2.6	96	4CLE	3.38	.19	1.03	1.11	22.0	1.51	4.89	19.40		2.14	24.29	.52
	9885	151.7	154.5	2.8	100	4A31	3.21	.19	.47	.58	12.0	1.65	1.78	15.80		1.05	17.58	.55
	9886	154.5	156.6	2.1	100	4C09		.26	.21	.34	12.0					.55		.62
	9887	156.6	158.7	2.1	100	4C09		.29	.06	.04	8.0					.10		.40
	9888	158.7	160.7	2.0	100	4C09		.61	.12	.19	12.0					.31		.61
	9889	160.7	161.6	.9	89	5D0		.14	.30	.28	11.0					.58		.48
	9890	161.6	164.2	2.6	100	4C39		.20	.48	.50	13.0					.98		.51
	9891	164.2	166.8	2.6	81	4C798		.41	.59	.96	19.0					1.55		.62
	9892	166.8	169.4	2.6	96	4C798		.20	.20	.22	8.0					.42		.52
	9893	169.4	172.0	2.6	100	4C798		.40	.10	.10	7.0					.20		.50
	9894	172.0	174.5	2.5	100	4C798		.30	.27	.47	9.0					.74		.64
FAGA135																		

DDH	SAMPLE	ROCK UNIT	NORMATIVE MINERALS - WEIGHT % CPY	GA	SP	PO	PY	BAR	OTHER	*	NORMATIVE MINERALS - VOLUME % CPY	GA	SP	PO	PY	BAR	OTHER
FAGA135	9865	4H4#	.29	13.63	14.91	20.35	23.23		27.60	*	.28	7.35	15.08	17.90	18.79		40.60
	9866	4EG4	.29	13.05	14.46	2.83	40.00		29.37	*	.28	7.04	14.63	2.49	32.36		43.20
	9867	4LO	.20	3.00	5.52	6.26	10.64		74.37	*	.15	1.24	4.26	4.20	6.58		83.57
	9868	4EG4#	.12	19.98	18.19	3.63	37.20		20.88	*	.12	11.55	19.72	3.42	32.26		32.92
	9869	4LO	.12	1.13	1.79	4.09	8.86		84.01	*	.08	.45	1.32	2.63	5.24		90.29
	9870	4A4	.20	3.70	8.05	5.55	11.18		71.32	*	.15	1.54	6.30	3.78	7.00		81.22
	9871	4G4#	.12	12.47	15.65	2.63	35.27		33.86	*	.11	6.51	15.32	2.24	27.62		48.21
	9872	4G4#	.14	16.28	20.57	3.54	32.69		26.77	*	.14	8.90	21.09	3.15	26.80		39.91
	9873	4L14	.09	6.01	12.52				81.39	*							
	9874	4A4	.14	2.66	5.81	2.93	27.74		60.72	*	.11	1.18	4.83	2.11	18.43		73.34
	9875	5D4*	.09	.69	1.40	9.04	7.85		80.93	*	.06	.28	1.05	5.88	4.70		88.04
	9876	4GHE	.23	7.28	9.09	16.97	13.98		52.45	*	.19	3.36	7.88	12.78	9.69		66.10
	9877	4GCL	.23	2.66	4.92	3.54	24.30		64.35	*	.18	1.15	4.01	2.51	15.85		76.30
	9878	4G48	.17	5.20	9.39	5.90	35.05		44.29	*	.15	2.52	8.54	4.67	25.51		58.61
	9879	4G48	.17	8.78	11.18	6.13	33.55		40.19	*	.15	4.39	10.48	5.00	25.16		54.81
	9880	4G48	.43	4.97	10.44	2.69	35.70		45.78	*	.37	2.39	9.40	2.11	25.73		60.00
	9881	4G48	.17	4.50	11.03	3.77	26.67		53.85	*	.14	2.06	9.47	2.82	18.31		67.21
	9882	4E48	.55	9.93	10.29	10.19	55.70		13.34	*	.59	5.96	11.57	9.96	50.10		21.82
	9883	4D48	.49	13.40	7.60	17.27	30.32		30.92	*	.47	7.18	7.64	15.10	24.39		45.22
	9884	4CLE	.55	1.19	1.65	7.69	41.72		47.20	*	.47	.57	1.48	6.00	29.93		61.56
	9885	4A31	.55	.54	.86	2.80	33.98		61.27	*	.43	.24	.72	2.02	22.58		74.01
	9886	4C09	.75	.24	.51				98.50	*							
	9887	4C09	.84	.07	.06				99.03	*							
	9888	4C09	1.76	.14	.28				97.82	*							
	9889	5D0	.40	.35	.42				98.83	*							
	9890	4C39	.58	.55	.75				98.12	*							
	9891	4C798	1.18	.68	1.43				96.70	*							
	9892	4C798	.58	.23	.33				98.86	*							
	9893	4C798	1.16	.12	.15				98.58	*							
	9894	4C798	.87	.31	.70				98.12	*							

DRILL HOLE : FAGA135
NORTHING : 904,892.7
EASTING : 592,539.3
ELEVATION : 1,287.1
TOTAL DEPTH : 175.9
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: 30
NOS DOWN-H-SURVEYS: 3
NOS DOWN-H-LITHOLOGY: 42
NOS DOWN-H-STRUCTURE: 35
NOS DOWN-H-FAULTS: 14
NOS DOWN-H-SPLINES: 3
NOS COMPOSITES: 0

DDH: FAGA135 UTM-N: 904,892.7 UTM-E: 592,539.3 UTM-ELEV: 1,287.1 TOTAL DEPTH: 175.9 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	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.
47.7	48.9	09865	1.2	1.2	4H4#	4.58	.10	11.80	10.00	201.00	196.00	1.03	12	10	23						
48.9	50.6	09866	1.7	1.7	4EG4	4.26	.10	11.30	9.70	188.00		1.10	1	18	20						
50.6	51.3	09867	.7	.7	4LO	3.18	.07	2.60	3.70	43.00		.55	3	4	8						
51.3	52.8	09868	1.5	1.5	4EG4#	4.30	.04	17.30	12.20	259.00		1.37	2	17	19						
52.8	53.7	09869	.9	.9	4LO	2.91	.04	.98	1.20	18.00		.55	2	4	6						
53.7	54.5	09870	.8	.8	4A4	2.99	.07	3.20	5.40	53.00		.69	3	5	8						
54.5	56.4	09871	1.9	1.9	4G4#	4.21	.04	10.80	10.50	180.00		.89	1	16	18						
56.4	58.3	09872	1.9	1.9	4G4#	4.28	.05	14.10	13.80	240.00		.96	2	15	17						
75.5	76.6	09873	1.1	.5	4L14		.03	5.20	8.40	80.00											
132.7	135.0	09874	2.3	2.3	4A4	3.21	.05	2.30	3.90	42.00		.69	1	12	14						
135.0	136.0	09875	1.0	1.0	5D4*	2.95	.03	.60	.74	12.00		.27	5	3	9						
136.0	136.7	09876	.7	.7	4GHE	3.97	.08	6.30	6.10	104.00	108.00	.55	10	6	17						
136.7	138.3	09877	1.6	1.6	4GCL	3.48	.08	2.30	3.30	39.00		.62	2	11	13						
138.3	140.3	09878	2.0	1.9	4G48	4.40	.06	4.50	6.30	68.00		1.23	3	16	20						
140.3	142.3	09879	2.0	2.0	4G48	4.38	.06	7.60	7.50	102.00		.69	3	15	19						
142.3	144.3	09880	2.0	1.9	4G48	4.17	.15	4.30	7.00	84.00		.75	1	16	18						
144.3	146.4	09881	2.1	2.0	4G48	4.05	.06	3.90	7.40	65.00		.69	2	12	14						
146.4	147.3	09882	.9	.9	4E48	4.37	.19	8.60	6.90	118.00		1.44	6	25	32						
147.3	149.1	09883	1.8	1.7	4D48	3.84	.17	11.60	5.10	145.00		2.54	10	14	25						
149.1	151.7	09884	2.6	2.5	4CLE	3.38	.19	1.03	1.11	22.00		1.51	4	19	24						
151.7	154.5	09885	2.8	2.8	4A31	3.21	.19	.47	.58	12.00		1.65	1	15	17						
154.5	156.6	09886	2.1	2.1	4C09		.26	.21	.34	12.00											
156.6	158.7	09887	2.1	2.1	4C09		.29	.06	.04	8.00											
158.7	160.7	09888	2.0	2.0	4C09		.61	.12	.19	12.00											
160.7	161.6	09889	.9	.8	5D0		.14	.30	.28	11.00											
161.6	164.2	09890	2.6	2.6	4C39		.20	.48	.50	13.00											
164.2	166.8	09891	2.6	2.1	4C798		.41	.59	.96	19.00											
166.8	169.4	09892	2.6	2.5	4C798		.20	.20	.22	8.00											
169.4	172.0	09893	2.6	2.6	4C798		.40	.10	.10	7.00											
172.0	174.5	09894	2.5	2.5	4C798		.30	.27	.47	9.00											
WEIGHTED AVERAGE																					
47.7	58.3		10.6	10.6		4.01	.06	10.55	9.52	173.20	22.18	.95	3	13	16						
75.5	76.6		1.1	.5			.03	5.20	8.40	80.00											
132.7	174.5		41.8	40.6		1.95	.21	2.22	2.48	37.48	1.80	.58	2	7	9						

DDH: FAGA135 UTM-N: 904,892.7 UTM-E: 592,539.3 UTM-ELEV: 1,287.1 TOTAL DEPTH: 175.9 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
67.000	177.000	32.000
155.400	167.700	83.000

DDH: FAGA135 UTM-N: 904,892.7 UTM-E: 592,539.3 UTM-ELEV: 1,287.1 TOTAL DEPTH: 175.9 SECTION: W 66
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
35.4	0001	#		0.5-	1
36.9	0002	5B6	NO CORE	0.5-	1
42.7	0003	5B6		0.5-	1
47.7	0004	5BO		0.5-	1
48.9	0005	4H4#	(4H4698)	0.5-	1
50.6	0006	4G4	[4E46]	0.5-	1
51.3	0007	4LO	[5D4*]	0.5-	1
52.8	0008	4G4#	[4E46#]	0.5-	1
53.7	0009	4LO	[5D4*]	0.5-	1
54.5	0010	4A4		0.5-	1
58.3	0011	4G4#		0.5-	1
59.5	0012	5B6	(5B16)	0.5-	1
61.2	0013	5BO2		0.5-	1
63.1	0014	4LO4	(5D4*) MINOR	0.5-	1
64.8	0015	5B62		0.5-	1
73.9	0016	5BO		0.5-	1
75.5	0017	4L53		0.5-	1
76.0	0018	4L14	[4DL]	0.5-	1
78.2	0019	4L1	-> (4L6) (5BO) MINOR	0.5-	1
103.3	0020	5BO	(5DO)	0.5-	1
105.4	0021	4LO	&2 &6	0.5-	1
110.4	0022	5BO	&8	0.5-	1
120.8	0023	4LC6	.	0.5-	1
124.5	0024	4LO		0.5-	1
127.0	0025	4L1	&2 &7	0.5-	1
130.8	0026	4L1		0.5-	1
132.7	0027	5B1	-> 5B12 DOWN	0.5-	1
135.0	0028	4AO	(4G4#)(5D4*)(4C#) ALL MINOR	0.5-	1
136.0	0029	5D4*	(4CO) MINOR	0.5-	1
136.7	0030	4GO	(4H4) (4E4) [4GHE]	0.5-	1
138.3	0031	4G4	(4LO) (4CO) BOTH MINOR	0.5-	1
146.4	0032	4G4	(4G48)	0.5-	1
147.3	0033	4E48	.	0.5-	1
149.1	0034	4D4	&8	0.5-	1
151.7	0035	4CO	(4LO) (4D4) (4E8)	0.5-	1
154.5	0036	4A31		0.5-	1
160.7	0037	4C09	(5D4*)	0.5-	1
161.6	0038	5DO		0.5-	1
164.2	0039	4C39	[4EC]	0.5-	1
174.5	0040	4C79	8 SERICITIC (4E8) [4CL]	0.5-	1
175.2	0041	5DO		0.5-	1
175.9	0042	4L65	[5B80]?	0.5-	1

DDH: FAGA135 UTM-N: 904,892.7 UTM-E: 592,539.3 UTM-ELEV: 1,287.1 TOTAL DEPTH: 175.9 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	DIRECT	S1 ANGLE	DIRECT	S2 ANGLE	DIRECT	RFE CDE	DHDC	SDC	PROCESS
FAGA135	0.0	38.3	CS2		0	0	0	0	72	230	0	1	1	1
FAGA135	0.0	44.2	CS2		0	0	0	0	52	230	0	1	1	1
FAGA135	0.0	44.9	CS2		0	0	0	0	66	230	0	1	1	1
FAGA135	35.4	47.7	CS2	D	0	0	0	0	0	0	0	1	1	1
FAGA135	0.0	53.2	PS2		0	0	0	0	25	230	0	1	1	1
FAGA135	0.0	59.0	PS2		0	0	0	0	75	230	0	1	1	1
FAGA135	47.7	63.1	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGA135	63.1	65.5	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGA135	0.0	67.2	CS2		0	0	0	0	80	230	0	1	1	1
FAGA135	65.5	67.2	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGA135	0.0	70.9	PS2		0	0	0	0	80	230	0	1	1	1
FAGA135	0.0	74.5	PS2		0	0	0	0	67	230	0	1	1	1
FAGA135	0.0	80.5	PS2		0	0	0	0	73	230	0	1	1	1
FAGA135	67.2	81.3	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGA135	0.0	87.1	CS2		0	0	0	0	78	230	0	1	1	1
FAGA135	81.3	87.1	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGA135	87.1	88.8	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGA135	88.8	91.3	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGA135	0.0	92.3	PS2		0	0	0	0	69	230	0	1	1	1
FAGA135	0.0	97.6	PS2		0	0	0	0	52	230	0	1	1	1
FAGA135	0.0	102.9	PS2		0	0	0	0	58	230	0	1	1	1
FAGA135	91.3	107.5	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGA135	0.0	109.5	CS2		0	0	0	0	64	230	0	1	1	1
FAGA135	0.0	115.9	CS2		0	0	0	0	63	230	0	1	1	1
FAGA135	0.0	121.1	CS2		0	0	0	0	58	230	0	1	1	1
FAGA135	0.0	127.1	CS2		0	0	0	0	72	230	0	1	1	1
FAGA135	107.5	127.8	CS2	D	0	0	0	0	0	0	0	1	1	1
FAGA135	0.0	132.7	CS2		0	0	0	0	67	230	0	1	1	1
FAGA135	127.8	132.7	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGA135	0.0	137.8	PS2		0	0	0	0	66	230	0	1	1	1
FAGA135	0.0	144.9	PS2		0	0	0	0	75	230	0	1	1	1
FAGA135	0.0	150.3	PS2		0	0	0	0	71	230	0	1	1	1
FAGA135	0.0	158.4	PS2		0	0	0	0	77	230	0	1	1	1
FAGA135	0.0	175.5	PS2		0	0	0	0	70	230	0	1	1	1
FAGA135	132.7	175.9	PS2	P	0	0	0	0	0	0	0	1	1	1

DDH: FAGA135 UTM-N: 904,892.7 UTM-E: 592,539.3 UTM-ELEV: 1,287.1 TOTAL DEPTH: 175.9 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
FAGA135	0.0	47.3	G		0	0	0	0	0	0	1
FAGA135	60.0	60.3	S		0	0	0	0	0	0	1
FAGA135	60.4	60.6	S		0	0	0	0	0	0	1
FAGA135	61.0	61.2	S		0	0	0	0	0	0	1
FAGA135	61.5	61.6	G		0	0	0	0	0	0	1
FAGA135	61.2	63.1	B		0	0	0	0	0	0	1
FAGA135	64.5	64.8	S		0	0	0	0	0	0	1
FAGA135	75.1	75.2	G		0	0	0	0	0	0	1
FAGA135	103.2	103.3	G		0	0	99	999	0	0	1
FAGA135	0.0	103.6	1G		0	0	0	0	0	0	1
FAGA135	0.0	124.2	G		0	0	99	999	0	0	1
FAGA135	0.0	125.0	G		0	0	99	999	0	0	1
FAGA135	131.2	131.4	G		0	0	99	999	0	0	1
FAGA135	161.6	164.2	D?		0	0	0	0	0	0	1

DDH: FAGA135 UTM-N: 904,892.7 UTM-E: 592,539.3 UTM-ELEV: 1,287.1 TOTAL DEPTH: 175.9 SECTION: W 66
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGA135	1	2
FAGA135	2	2
FAGA135	3	1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 76-A135

Project: GRUM PELOS

Location: VANGORDA PLATEAU

Claim: _____

1979 HIW Orthophoto Survey — UTM Terr. Plane Co-ords.: 6,904,892.73 N

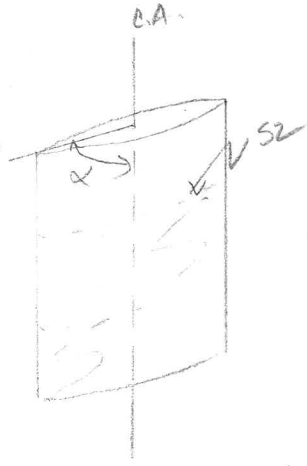
592,539.28 E

Grid Co-ords.: 66W / 7N

Elevation: 1287.10

Total Depth: 175.9 m

Fabric Orientation Diagram:



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

Purpose: _____

Logged by: RE RN Date(s) Logged: AUG. 16, 18 / 80

Drilling Contractor: _____

Core:	Size	From	To
	BQ	0	EOH

Collar Cased and Capped: _____

Started: AUG. 7/76 Completed: AUG. 10/76

Cyprus Anvil Mining Corp.
Diamond Drill Core Log

DDH 75-A-135
2 8

Code	Drillhole	Elevation	Northing	Easting	Comments
1	2 8	10 16	17 24	25 32	34 48
T	75-A-135	12871.1	9048921.7	591253 91.3	METRES

Code	Drillhole	Depth		Zenith Angle		True Azimuth	Comments
1	2 8	10	14	22	26	28 32	34 56
R	75-A-135	0	0	180.0	0	0.0	ATCOLLAR
R	75-A-135	67.	0	177.0	0	32.0	SPERRY SUN
R	75-A-135	155.	8	167.7		83.0	
R			4	.		.	
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-A135 (2 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Logged By: PN

Code	From	To	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
L	000	354	1		o/B
L	354	369	2	5B16	tuffaceous; assumed from K.A. log to be 5B0.
L	369	427	3	5B16	minor py stringers & blebs; much iron oxide staining; minor qtz veins & bands; light grey;
L	427	477	4	5B10	minor qtz-ankerite-py lenses; med. to dk. grey; siliceous from 43.4-46.6m; 4L1 w/ 4% PbZn; minor gouge at 47.3m;
L	477	489	5	4H4	calcareous; 4H4698- minor cpy, bornite, mt; 15% PbZn; few rounded qtz clasts (<1.5cm);
L	489	506	6	4EG	few small (<1cm) qtz-calcite clasts; honey-coloured sph; 15% PbZn; banded in part-
L	506	513	7	4L0	3% PbZn; ankerite staining
L	513	528	8	4EG	minor mt; 20% PbZn; sph colour variable from orange-red to honey colour; slightly calcareous; banded;
L	528	537	9	4L0	minor po PbZn; ank. staining
L	537	545	10	4A4	5% PbZn, py < PbZn; 4L5 54.1-54.2m; partially phyllitic;
L	545	583	11	4G4	20% PbZn; py > PbZn; calcareous; banded;
L	583	595	12	5B16	siliceous (5B16); light grey;
L	595	612	13	5B10	dk. grey; sheared 60.0-60.3, 60.4-60.6, 61.0-61.2m; minor py;
L	612	631	14	4L10	slightly calcareous; <2% PbZn, py; broken core; gouge 61.5-61.6m; minor bleached tan calcareous 5D4 at 61.7 & at 62.1m; siliceous in parts;
L	631	648	15	5B16	dk. grey; sheared 64.5-64.8m; minor py, PbZn (<1%);
L	648	739	16	5B10	minor po, slightly calcareous; light grey; increasing siliceousness to bottom of hole;
L	739	755	17	4L15	3% PbZn; py < PbZn, slightly calcareous; less siliceous towards bottom of hole; talcy; gouge 75.1-75.2m;
L	755	760	18	4L1	4.5% PbZn; siliceous; [4D4.7
L	760	782	19	4L1	<2% PbZn; colour variations due to gradual grading into 4L6; minor 5B0 77.3-77.5m;
L	782	1033	20	5B0	5D0 w/ interbands of qtz-calcite 78.6-78.7, 78.8-79.1m; minor py; dk grey; siliceous; gouge 103.2-

DDH 76-A135 (2 — 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Logged By: PN

Code	From	To	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
					103.3m; gouge ≈ 11 S_2 ?? (drilling artefact?)
L	10133	1056	21	4L0	minn py, mt; 2cm. gouge at 103.6m; increasing chl content towards bottom of hole;
L	10154	11104	22	5BD	minn po; somewhat siliceous; light grey; slightly calcareous; few qtz-ankerite-py tension gash fillings; chloritic (5B8) content varies;
L	11104	12088	23	4L0	chloritic; minn py bands & po blebs; green-buff colour; numerous qtz-py-po lenses;
L	12088	12145	24	4L0	buff white colour; minn qtz-py lenses; gouge @ 124.2 ≈ 11 S_2 ??
L	12145	12770	25	4L1	minn py-po blebs & chloritic fracture fillings;
L	12770	13088	26	4L1	bt development; very slightly calcareous; minn py blebs & bands; gouge @ 125.0 ≈ 11 S_2
L	13088	13277	27	5B1	graphite content incr. towards bottom of hole; minn py; med. grey → black towards bottom of hole; gouge 131.2 to 131.4 ≈ 11 S_2 ??
L	13277	13500	28	4A0	5% PbZn; slightly calcareous 4G4 from 133.0-133.2m; 4D4 133.2-133.4m; bleached tan calcareous 5D4 w/ manposite 133.4-133.7; calcareous 4C0 133.9-134.2m;
L	13500	13660	29	5D4	bleached tan, slightly calcareous; minn py; 4C0 w/ <1% PbZn 135.2-135.3m;
L	13660	13677	30	4G4	Qtz; 7% PbZn; 4L0 w/ minn py, PbZn & po 136.1-136.3m; (4E4)
L	13677	13883	31	4G4	5% PbZn; honey-coloured sph; minn mt; interbanded w/ 4L0 w/ minn sulphides & 4C0;
L	13883	14064	32	4G4	10% PbZn; calcareous laminated 5D4 144.4-145.0m; 4G48; generally honey-coloured sph although red-brown in places;
L	14064	14733	33	4E0	(8)
L	14733	14911	34	4D4	minn mt; 10% PbZn;
L	14911	15117	35	4C0	minn 4L0 clasts; iron stained 4L0 151.4-151.5m; 4D4 151.5-151.7m; (4E8, 4L0)
L	15117	15145	36	4A3	<2% PbZn; siliceous;
L	15145	16077	37	4C0	<1% PbZn; calcareous bleached tan 5D4 w/ manposite at 154.7, 158.4-158.5m; minn cpy;
L	16077	16116	38	5D0	chl. interbanded w/ qtz-calcite; iron oxide staining 151.2 downward to 161.6m;
L	16116	16423	39	4E0	minn cpy; brecciated 164.6-165.1m w/ calcareous + sulphide matrix;

DDH 76-A135 (2 / 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Logged By: PN

Code	From	To	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
L	1642	1745	40	4CL	798 ; calcareous fracture fillings ; minn sericite clasts ; (4ES)
L	1745	1752	41	5D0	iron oxide staining ; slightly bleached w/ few elongated chl. blebs,
L	1752	1759	42	4L0	slightly calcareous ; chl-bearing ; minn py ;
		EOH			

DDH 76-A-135 (2 / 8) Cyprus Anvil Mining Corp. 66W

Structural Log

Logged By: PM

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		383	CSZ			72 230	minor Z sym;
S		442	CSZ			52 230	
S		449	CSZ			66 230	
S		477	FZD				R region 47.7 – 58.3 m; massive sulphides;
S		532	PSZ			25 230	
S		583	FZR				P region 58.3 – 63.1 m;
S		590	PSZ			75 230	
S		631	FZP				Z sym 63.1 – 65.5 m; + gouge;
S		655	FZS				S sym. 65.5 – 67.2 m;
S		672	CSZ			80 230	
S		672	FZS				P region 67.2 – 81.3 m; intermixed minor D regions; minor S sym;
S		709	PSZ			80 230	
S		745	PSZ			67 230	
S		805	PSZ			73 230	
S		813	FZP				Z sym. 81.3 – 87.1 m; minor D regions;
S		871	CSZ			78 230	
S		871	FZS				S sym. 87.1 – 88.8 m;
S		888	FZS				Z sym. 88.8 – 91.3 m;
S		913	FZP				P region 91.3 – 107.5 m;
S		923	PSZ			69 230	
S		976	PSZ			52 230	
S		1029	PSZ			58 230	
S		1075	FZP				D region 107.5 – 127.8 m; minor interspersed P regions;
S		1095	CSZ			64 230	
S		1159	CSZ			68 230	
S		1211	CSZ			58 230	
S		1271	CSZ			72 230	
S		1278	FZD				Z sym. 127.8 – 132.7 m;
S		1327	CSZ			67 230	
S		1327	FZ	Z			R region 132.7 – 175.9 m; 98% massive sulphides;

DDH 76-A135 (2 / 8)

Cyprus Anvil Mining Corp.
Structural Log

66ω

Logged By: PN

Code	From	To	Feature	Sym	S_1 Dip Direct.	S_2 Dip Direct.	Description
1	10 14	16 20	22 24	26	28 32	34 38	
S		1378	PSZ			66 23D	
S		1449	PSZ			75 230	
S		1503	PSZ			71 230	
S		1584	PSZ			77 230	
S		1755	PSZ			60 230	
		EOH					

DDH EAGA135 (2 8) Cyprus Anvil Mining Corp

Page _____ of _____

Logged by PN

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

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION	KA
1	10 14	16 20	22 26	28 30	32 34	36 40	42	
P	477	489	98665	12	12	4H4H6	98	3682
P	489	5106	98666	17	17	4EG4		3683
P	5106	513	98667	07	07	4L0		3684
P	513	5128	98668	15	15	4EG4		3685
P	5128	5337	98669	09	09	4L4Q		3686
P	5337	5455	98670	08	08	4A4	(4L5)	
P	5455	5564	98671	19	19	4G4		3687
P	5564	5783	98672	19	19	4G4		3688
P	7655	7760	98673	05	05	4L4	[4DL]	3691
P	13127	13350	98674	23	23	4A0	(4G4, 4D4, 5D4, 4C0)	3693
P	13350	13600	98675	10	10	EDH	(4C0)	3694
P	13600	13627	98676	07	07	4G4H0	(4L0) (4E4)	3695
P	13627	13833	98677	16	16	4G4	(4L0, 4C0)	3696
P	13833	14103	98678	20	19	4G4H8	(5D4)	3697
P	14103	14233	98679	20	20	4G4H8	(5D4)	3698
P	14233	14433	98680	20	19	4G4H8	(5D4)	3699
P	14433	14641	98681	21	20	4G4H8	(5D4)	3700
P	14641	14733	98682	09	09	4E0	(8)	4301
D	14733	14911	98683	18	17	4D4	(8)	
P	14911	15117	98684	26	25	4C0	(4D4, 4E8, 4L0)	4302
P	15117	15455	98685	28	30	4A31		4303
P	15455	15666	98686	21	21	4C0	(5D4)	
P	15666	15877	98687	21	21	4C0	(5D4)	
P	15877	16077	98688	20	20	4C0	(5D4)	4304
P	16077	16116	98689	09	08	5D0		
P	16116	16421	98690	26	26	4E0		
P	16421	16688	98691	26	21	4CL7	98 (4E8)	4305
P	16688	16944	98692	26	25	4CL7	98 (4E8)	4306
P	16944	17206	98693	26	26	4CL7	98 (4E8)	4307
P	17206	17455	98694	25	25	4CL7	98 (4E8)	

DDH FAGA135 (2 8) Cyprus Anvil Mining Corp. Page ____ of ____

Structural Log Date: ____ Logged By: ____

meters

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
	10 14	16 20	22 24	26	28 32	34 38	40 44	
F		473	G					
F	600	603	S					
F	604	606	S					
F	610	612	S					
F	615	616	G					
F	612	631	B					
F	645	648	S					
F	751	752	G					
C	1032	1033	G			999999		
F		1036	IG					
F		1242	G			9999		
F		1250	G			9999		
F	1312	1314	G			9999		
F	1616	1642	D.?					

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

DIAMOND DRILL RECORD

LOGGED BY FRED CHOW D.D.H. Nº 76-A135 PAGE 1

PROPERTY GRUM JOINT VENTURE, Y.T.

CO-ORDS GRID

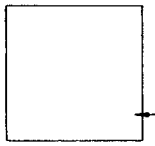
LATITUDE 10,679.614 7N STARTED AUGUST 7/1976 n.s.

DEPARTURE 7,813,312 66W COMPLETED AUGUST 10/1976 d.s.

ELEVATION 1297.709 SURFACE PROPOSED DEPTH 167-172m

ULTIMATE DEPTH 175.9m

HOLE SURVEY:		
DEPTH	BEARING	DIP
COLLAR	—	90°
67.1M	030°	-87°
155.4	083°	-77° 30'



CLAIM Nº

DIRECTION AND DISTANCE FROM N.E. CLAIM POST

CEMENTING OF HOLE: 18 BAGS = 25.6 1/BAG

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	35.4	OVERBURDEN	NIL		0	35.4									
35.4	36.9	TRICONED. BEDROCK ASSUMED TO BE QTZ-SER PHYLLITE S	NIL/1.5		35.4	36.9									
36.9	42.5	QUARTZ-SER PHYLLITE (Sb) W/MINOR SULPHIDES Sb													
		50% qtz, 1-2 py, 0.5-0.2 PbZn. Light gray to buff gray,	2.2/3.1		36.9	40.0		0.5 PZ est.							
		thin laminated. Rusty weathering to 41.8m	2.4/2.5			42.5		0.2 PZ est.							
		CA: F_2 80° to 38.2m, 70-75° to 38.4-42.5m													
42.5	46.3	QUARTZ-SERICITE PHYLLITE. (S)													
		Med. gray, banded 1-4mm. Kinky F_2, parts well developed F_1	3.4/3.8		42.5	46.3									
		F_1 noses @ 45m. Mainly siliceous-70% qtz, parts sericitic													
		generally near shearing @ 44.3-44.6m, 45.3-45.5, and 45.8-													
		46.2. CA: F_2 50-60°, 30-40° @ shears. F_1 // & @ 45° to core.													
46.3	46.6	QUARTZ-SERICITE-SULPHIDES (PB)													
		Quartzy, buff foliations of sericite, narrow bands and streaks	0.2/0.3		46.3	46.6		4.5 PZ est.							

LOGGED BY _____ D.D.H. NO 76-A135 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
		of sulphs-1 py, 4.5 PZ. Shear probably @ upper contact.													
		Lower contact @ 35° folowing F_1.													
46.6	47.6	QUARTZ-SERICITE PHYLLITE (S)													
		As 42.5-46.3m. Rock contorted. Negligiblesulphides.	1.0/1.0		46.6	47.6	0.1 Pz est.								
47.6	58.3	MASSIVE SULPHS (Mb) and QUARTZ-SER-SULPHIDES (PF) S. Mb													
		Massive and near mass. sulphs in qtz-barite-calcite matrix,	1.8	U-3682	47.6	49.4	1.8	14.68	10.46	212.92			26.42	18.83	383.26
		each element in varying %'s. Both F_2 & F_1 mineralization.	1.1	3		50.6	1.2	10.25	10.00	147.09			12.30	12.00	176.51
		47.6-48.8m : 45 py, 10 Po, 14 Pz, minor Mag, 5 barite. 40° contact @ 47.6m, 60° @ 50.6m	0.55	3684		51.2	0.6	1.30	1.68	18.17			0.78	1.01	10.90
		-50.6m : 50 Py, 10 Pz, 7 barite	1.7	5		52.9	1.7	15.87	11.63	211.89			26.98	19.77	360.21
		-51.2m : Qtz-Ser-Sulphs; 3py, 4Pz. 20° contact @ 51.2m -52.9m : 50 Py, 14 Pz, 10 barite	1.6	3686		54.5	1.6	2.05	2.95	31.20			3.28	4.72	49.92
		-53.8m : Qtz-Ser, siliceous and hard, 1.5 py, 0.3 Pz. -54.5m : Qtz-Ser-Sulph, 3 Py, 3 Pz.	2.0	7		56.5	2.0	12.47	11.27	188.57			24.94	22.54	377.14
		-58.3m : 55 Py, 16 Pz, 0.3 Mag, 10 barite.	1.75	3688		58.3	1.8	13.30	13.62	73.71			23.94	24.52	132.68
		CA: 47.6-49.2m F_1 @ 0-20°. Banding 50° @ 49.3m, 80-70° @													
		49.6-50.6m, 60° @ 50.6-51.2m--51.4m, 40° @ 52-52.8. F_1 fold nose @ 52.8-53.0m. 40° @ 53.1 @ 45° @ 53.7, 30° @ 54m.													
		40° contact @ 54.5m. Banding 50° @ 54.6m. Nose Fd? @ 55°m 75° banding @ 55.4-58.3m. Contact @ 58.3m=75%		W.Av.	47.6	58.3	10.7	11.09	9.66	13 .31			118.64	103.39	140.62
58.3	61.6	QUARTZ-SERICITE-PHYLLITE (S+Sb)													
		58.3-58.9m : Bleached buff, intermittent bands+streaks sulphs 0.5 Py, 1 PZ	0.3	3689	58.3	58.6	0.3	1.40	1.16	15.09					
		58.9-61.6m : Light to med. gray, thin (0.5-2mm) laminated,	2.7/3.0			61.6									
		fissile from 59.6-61.6m, shearing evident @													

LOGGED BY _____ D.D.H. NO 76-A135 PAGE 3

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		60.5-60.5m. ??													
		CA: F_2 75-80° @ 58.5-61m, 60° @ 61.5m.													
61.6	65.2	QUARTZ-SERICITE-SULPHIDES (Sb+PF) Sb P													
		61.6-63.1m : Bleached, banded F_2 mineralization, slips w/ minute offsets, show dragging. 4 Py, 2 PZ.	1.4 / 15./2.1	U-3690	61.6	63.1 / 65.2	1.5	0.88	1.45	14.06					
		63.1-65.2m : Med. gray, well develop chevron folds, 2 py, no PZ.													
		Possible shear @ 63.1-63.3m, highly sheared @ 64(?)-65m. CA: F_2 70°													
65.2	73.3	QUARTZ-SERICITE PHYLLITE (S) S													
		Med. gray, thinly foliated, fissile. Local F_1 mod. develop.	8.0/8.1		65.2	73.3									
		Many narrow (1mm-1cm) shears generally along F_2 planes.													
		50-60% quartz. CA: F_2 80°													
73.3	78.3	QTZ-SER PHY, BLEACHED BUFF (Sb) w/SULPHIDES. Sb (PB,PF)													
		60-65% qtz, variable sulphs, blanded, also tightly foliated.	1.8/1.9		73.3	75.2									
		Local F_1. Both F_2 & F_1 mineralization.	1.2	3691		76.4	1.2	2.88	3.10	41.49					
		73.3-75.2m : Negli, py, Pz. Shear @ 75.1-75.2m				77.2	0.8	0.37	0.63	5.14					
		-76.4m : Av. 5 py, 6 PZ. -77.2m : 1 py, 0.3 PZ -78.3m : 3 py, spot of PZ.	1.1/1.1			78.3									
78.3	103.2	QUARTZ-SERICITE PHYLLITE (S) S													

LOGGED BY _____ D.D.H. NO 76-A135 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
		65-70% qtz. Med. gray w/darker gray to black foliations.	10.8/10.6		78.3	89.9									
		probable graphite though very little. Rock mod. firm but	6.5/7.6			97.5									
		parts readily. F_1 mod. developed though faint visually.	2.2./2.2			99.7									
		Qtzose bands 1-4mm. Probable F_2 noses @ 93m & 95.7m. Prob-	0.3/1.2			100.9									
		able quartz veins @ 99.7-101m.	2.2/2.3			103.2									
		CA: F_2 80° @ 78.5-80.2m, 70° @ 80.3-88.5m, 60° @ 88.6-92.6m													
		30° @ 93m, 80° @ 93.7, 65° @ 94.5, 20° @ 95.7, 60° @ 96-99.6													
		90° @ 110, 50° @ 101.6, 70° @ 101.8-103.													
103.2	103.3	FAULT: GRAY GOUGE AND CRUSHED PHYLLITE. f	0.1/0.1		103.2	103.3									
103.3	105.7	QUARTZ-SERICITE PHYLITE (Sb). Bleached Buff. Sb													
		60% qtz, odd py, grades into gray phy. towards 105m.	2.2/2.4		103.3	105.7									
		Fault gouge @ 103.5m (0.03m). CA: F_2 60°													
105.7	110.4	QUARTZ-SERICITE±CHLORITE PHYLLITE (Sc) Sc													
		Massive, med. gray w/clots + blebs chlorite (2%), also buff	4.7/4.7		105.7	110.4									
		sericite foliations. F_1 mod. developed, visually faint.													
		Ankerite common. CA: 65-70° F_2.													
110.4	119.0	QUARTZ-SER-CHL PHY (Sbc) Bleached buff to greenish-gray buff													
		60-65% qtz, 3 chl. negli py, odd speck po. Massive & mod.	8.6/8.6		110.4	119.0									

LOGGED BY _____ D.D.H. NO 76-A135 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
		competent. Well developed F_1, both small and large folds.													
		CA: F_2 65-70°, F_1 sub-vertical to F_2.													
119.0	124.1	QUARTZ-SERICITE PHYLLITE (Sb BLEACHED BUFF Sb													
		60% qtz, 0.5 py scattered. Similar to section above.	5.1/5.1		119.0	124.1									
		CA: F_2 65°.													
124.1	127.1	QUARTZ-SERICITE PHYLLITE (Sb) BuffW/gray Sb													
		70% qtz, l-grayish w/buff. Massive siliceous. CA: F_2 65-70°	3.0/3.0		124.1	127.1									
127.1	131.1	QTZ-SER-BIO PHY (SbB). Bleached Buff Sericite. SbB													
		70% qtz, 5 bio. F_1 well developed : outlined by bio mineral	4.0/4.0		127.1	131.1									
		ization and buff sericite F_2.													
		CA: F_2 70°, F_1 sub-vert to F_2. F_1 noses @ 128-129m & 129.7													
131.1	132.7	QUARTZ-SERICITE PHYLLITE (S) + (Sb)													
		Thinly laminated, med. gray. Buff @ 131.1-131.6m, probable	1.6/1.6		131.1	132.7									
		shearing // foliation. F_2 @ 70°													
132.7	138.4	QTZ-SER PHY (S) AND QTZ-SER-SULPHS (PB+PF+MB)													
		Interbanded or mixed mineralization:	0.1/0.1		132.7	132.8									
		132.7-135.1m : mixed intervals of Qtz-Ser-Sulphs, Qtz-Sulphs barren ser ± chl. 10 py, 5 PZ.	2.2	3693		135.1	2.3	2.00	3.13	30.17			4.60	18	69.37

LOGGED BY _____ D.D.H. NO 76-A135 PAGE 6

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		-13 .0m : Near barren, massive, buff Qtz-Ser. (0.4 py,0.2 PZ)													
		-137.2m : Mass. Qtz-Sulph-Barite. 40 py, 8 PZ, 0.1 Po, 10 bar	0.9	3694		136.0	0.9	1.35	0.85	21.26			1.22	0.77	19.13
		-138.4m : Banded barren Qtz-Ser, banded Qtz-Barite-Sulphs. 25 Py, 3 Pz	1.2	5		137.2	1.2	4.40	5.45	60.34			5.28	6.54	72.41
		CA: F_2 65° @ 132.7-136.3m, 75° @ 136.4-138.4	1.2	6		138.4	1.2	1.70	2.45	27.43			2.04	2.94	32.92
		F_1 vert to sub-v to F_2 @ 133.6-134m.													
				W.Av.	132.5	138.4	5.9	2.45	3.12	34.0			2.91	3.75	38.35
138.4	146.4	QUARTZ-BARITE-SULPHS (Mb)													
		Massive mineralization, banded. A few F_1 noted within	2.7	3697	138.4	141.1	2.7	5.90	6.93	71.66			15.93	18.71	193.48
		sections of Qtz-Chlorite-Sericite Qtz-Bar-Sulphs, but F_1 prominent where 0.05m-0.6m occur,	2.3	8		143.4	2.3	7.00	7.34	82.63			16.1	16.88	190.05
		the latter @ 144.4-145.0m, where F_1 noses occur.	1.6	3699		145.0	1.6	3.28	5.40	61.37			5.25	8.64	98.19
		Sulph mineralization fairly uniform: 40-45% py, 10-12 PZ,	1.4	3700		146.4	1.4	4.70	7.77	62.40			6.58	10.88	87.36
		from 138.4-144.4m and 25-30 py, 8 Pz from 144.4-146.4m. Magnetite unevenly distributed, 0.05-3%, av. 0.5%													
		CA: F_2 65-70° from 138.4-143.3m, 75° @ 143.5-146m.													
146.4	149.0	MASSIVE SULPHS AND QUARTZ-SULPHIDES (MB+P) MB gangue.													
		Massive, banded mineralization with qtz + minor ankerite	2.6	U-4301	146.4	149.0	2.6	11.24	6.12	132.00			29.22	15.91	343.20
		146.4-146.6m : Porous sulphides, 75 Py, 14 Pz													
		-147.3m : Hard Pyr, 85 Py, 4 Pz.													
		149.0m : Siliceous and hard, 60-35 (Av. 0)py, 12 Pz 0.5 Magnetite.		W.Av.	138.4	149.0	10.6	6.89	6.70	86.06			73.08	71.02	912.28
		CA: 70°		"	145.0	149.0	4.0	8.95	6.70	107.64			35.80	26.79	430.56
149.0	174.5	QUARTZ-SULPHS + SERICITE + GRAPHITE (PP) SGP	0.7	4302	149.0	149.7	0.7	2.55	1.48	30.17					
		Massive, siliceous; near uniform 30-40% py, 1%	3.4	4303		153.1	3.4	1.25	1.30	18.17					
		sericite, less graph (mainly @ 151-154.5m). Increasing	6.0/6.0			159.1		est. 0.1-0.2 PZ							

LOGGED BY _____ D.D.H. NO 76-A135 PAGE 7

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		PZ : 149-149.7m = 25% Pz, 149.7-153.1m = 0.5 PZ	1.5	U 4304		160.6	1.5	0.05	0.10	7.20	Representative sample of 153.1				
		153.1-165.3 = 0.1% PZ, 165.3-174.5m = 0.1-1.5 PZ	4.7/4.7			165.3		Est. 0.1-0.2 PZ.							
		Also, 159.1-161.8m : 0.3 Mag W/Po and chalco	2.5	U 4305		167.8	2.5	0.38	0.53	9.94			0.91	PbZn	
		-165.2m : 0.05 Mag, W/quartz +sulph breccia -166.7m : 3 Po, " " " " " calco(0.15)	2.0	4306		169.8	2.0	0.18	0.18	5.14			0.28	" "	
		-172.4m : 5 Po, 0.1 Cu, minor magnetite -174.2m : 20 Po, (25 Py), " " " "	1.5	4307		171.3	1.5	0.05	0.08	5.14			0.13	""	
		CA: 70-75° F_2 (?). Lower contact 70°	3.2/3.2			174.5		Est. 0.3 PZ							
						172.4 2.1									
174.5	175.9	QUARTZ-SERICITE-CHLORITE PHYLLITE (Sbc) Sbc													
		60-65% qtz, 10-15% chl. Thinly foliated, buff with greenish	1.4/1.4		174.5	175.9									
		colour to light gray. CA: 70° F_2													
	175.9	END OF HOLE													
		REMARKS: (1) Hole cemented by pouring cement down casing.													

DDH: FAGA135 -- 42 DEGREE PROFILE

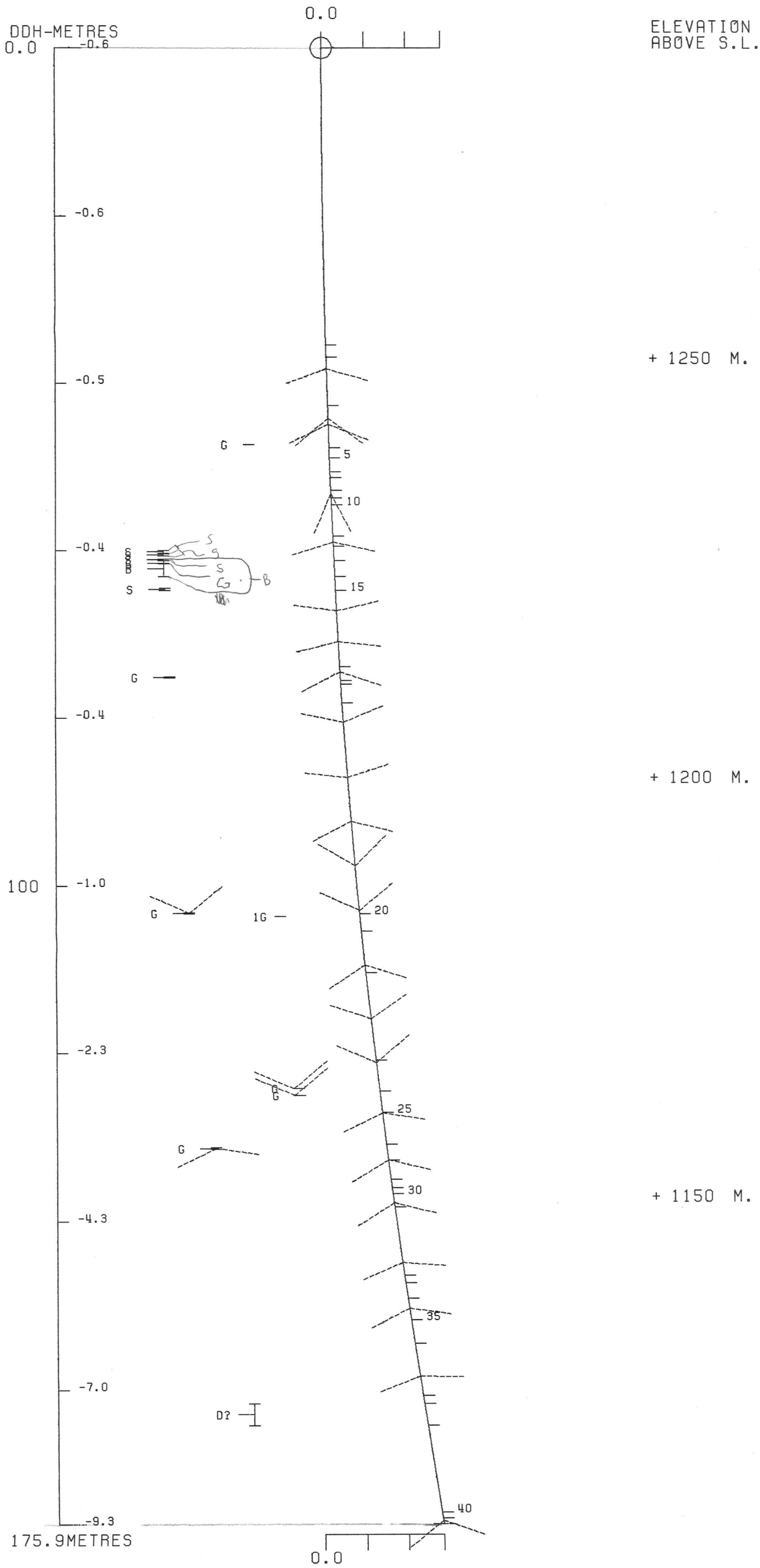
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1287 592539E ; 904893N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 582.9 Z = 1287.0

SECTION NAME: 66W



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 24 MAY 1984 4:00 PM

DDH: FAGA135 -- 42 DEGREE PROFILE

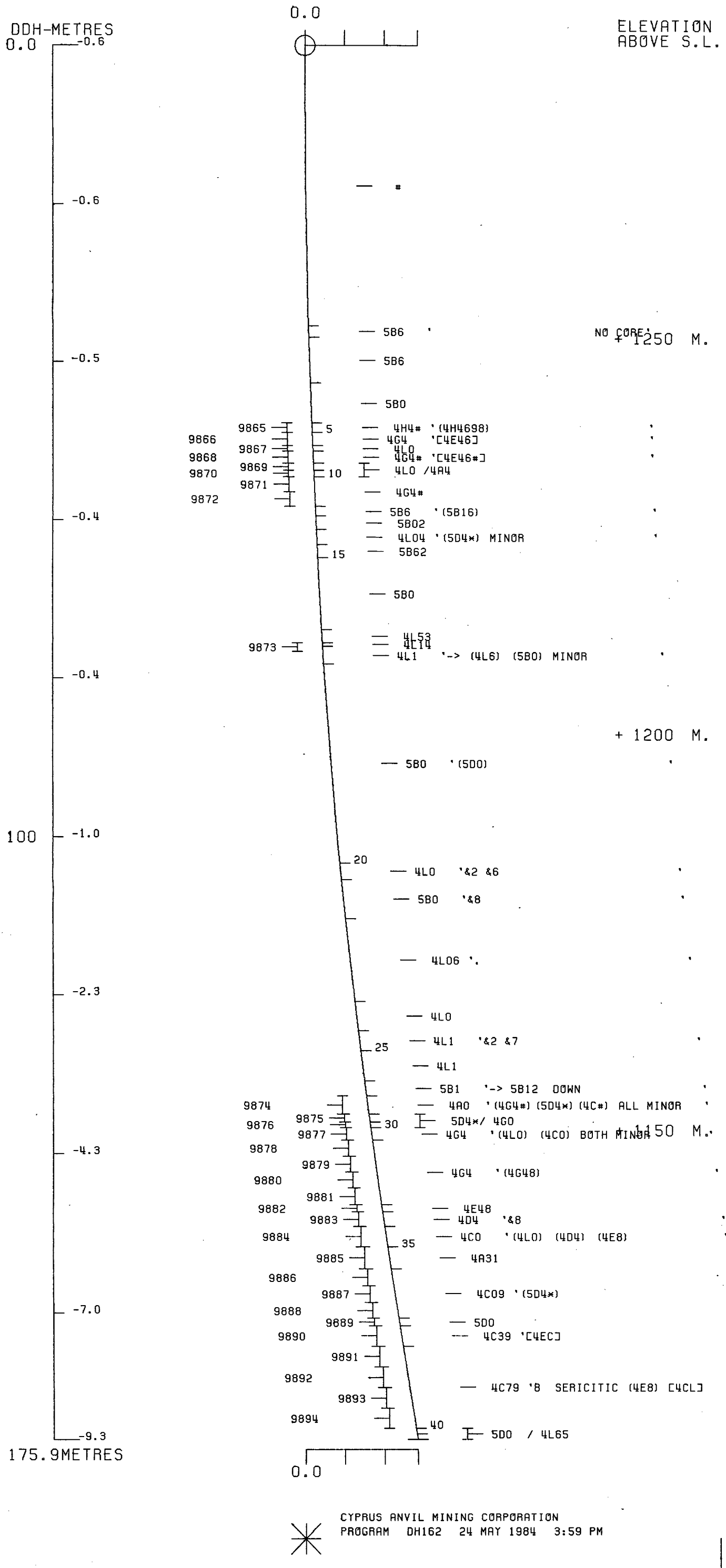
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1287 592539E ; 904893N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 582.9 Z = 1287.0

SECTION NAME: 66W



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 24 MAY 1984 3:59 PM

FAGA 139

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
									.03	.08	1.0					.11		.73
FAGA139	9C358	121.1	122.5	1.4	79	4LO			4.30	8.02	70.0	.55	1.66	8.00		12.32	9.66	.65
	9399	122.5	123.0	.5	100	4D45	3.47	.17	7.10	11.12	105.0	.75	2.46	13.90		18.22	16.36	.61
	9400	123.0	124.6	1.6	100	4G4#	3.80	.06	1.20	2.50	31.0	.82	1.08	41.30		3.70	42.38	.68
	9401	124.6	125.4	.8	100	4E10	4.56	.04	1.80	3.86	32.0	.62	1.23	.66		5.66	1.89	.68
	9402	125.4	127.4	2.0	100	4A4	3.08	.03	1.00	3.00	20.0	.48	1.29	8.30		4.00	9.59	.75
	9403	127.4	129.4	2.0	90	4A0	3.01	.03	1.70	3.90	31.0	.55	1.56	9.20		5.60	10.76	.70
	9404	129.4	131.7	2.3	70	4A4	3.14	.04										

DDH	SAMPLE	ROCK UNIT	NORMATIVE MINERALS - WEIGHT % CPY	GA	SP	PO	PY	BAR	OTHER	*	NORMATIVE MINERALS - VOLUME % CPY	GA	SP	PO	PY	BAR	OTHER
				.03	.12				99.85	*							74.59
FAGA139	90358	4L0		4.97	11.96	2.61	17.20		62.77	*	.38	2.16	9.77	1.85	11.24		55.38
	9399	4D45	.49	8.20	16.58	3.87	29.89		41.29	*	.15	4.03	15.29	3.10	22.05		7.43
	9400	4G4#	.17	1.39	3.73	1.70	88.82		4.26	*	.13	.89	4.47	1.77	85.30		92.97
	9401	4E10	.12	2.08	5.75	1.93	1.42		88.73	*	.06	.80	4.15	1.21	.82		83.61
	9402	4A4	.09	1.15	4.47	2.03	17.85		74.41	*	.06	.48	3.46	1.36	11.03		80.30
	9403	4A0	.09	1.96	5.81	2.45	19.78		69.87	*	.09	.83	4.59	1.69	12.51		
	9404	4A4	.12														

DRILL HOLE : FAGA139
NORTHING : 904,938.2
EASTING : 592,578.8
ELEVATION : 1,292.3
TOTAL DEPTH : 150.6
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: 7
NOS DOWN-H-SURVEYS: 3
NOS DOWN-H-LITHOLOGY: 17
NOS DOWN-H-STRUCTURE: 18
NOS DOWN-H-FAULTS: 10
NOS DOWN-H-SPLINES: 3
NOS COMPOSITES: 0

DDH: FAGA139 UTM-N: 904,938.2 UTM-E: 592,578.8 UTM-ELEV: 1,292.3 TOTAL DEPTH: 150.6 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.
121.1	122.5	90358	1.4	1.1	4L0			.03	.08		1.00										
122.5	123.0	09399	.5	.5	4045	3.47	.17	4.30	8.02	70.00	77.00	.55	1	8	9						
123.0	124.6	09400	1.6	1.6	4G4#	3.80	.06	7.10	11.12	105.00		.75	2	13	16						
124.6	125.4	09401	.8	.8	4E10	4.56	.04	1.20	2.50	31.00		.82	1	41	42						
125.4	127.4	09402	2.0	2.0	4A4	3.08	.03	1.80	3.86	32.00		.62	1		1						
127.4	129.4	09403	2.0	1.8	4A0	3.01	.03	1.00	3.00	20.00		.48	1	8	9						
129.4	131.7	09404	2.3	1.6	4A4	3.14	.04	1.70	3.90	31.00		.55	1	9	10						
WEIGHTED AVERAGE																					
121.1	131.7		10.6	9.4		2.91	.04	2.26	4.39	38.02	3.76	.52	1	9	10						

DDH: FAGA139 UTM-N: 904,938.2 UTM-E: 592,578.8 UTM-ELEV: 1,292.3 TOTAL DEPTH: 150.6 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
52.400	174.300	38.000
113.400	166.400	65.000

DDH: FAGA139 UTM-N: 904,938.2 UTM-E: 592,578.8 UTM-ELEV: 1,292.3 TOTAL DEPTH: 150.6 SECTION: W 66
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
51.8	0001	#		0.5-	1
73.8	0002	5B26		0.5-	1
81.7	0003	5B6		0.5-	1
83.8	0004	4L0		0.5-	1
86.1	0005	5B6		0.5-	1
96.3	0006	4L0	&2 MINOR	0.5-	1
105.1	0007	5B6		0.5-	1
108.6	0008	4L0	&2 MINOR	0.5-	1
110.2	0009	5B16		0.5-	1
122.5	0010	4L0	-> 4L1 &2 LOCALLY	0.5-	1
123.0	0011	4D43	5	0.5-	1
124.6	0012	4G4#	POROUS (5D4*)	0.5-	1
125.4	0013	4E10		0.5-	1
131.7	0014	4A0	& BXA	0.5-	1
133.2	0015	5A0		0.5-	1
142.7	0016	4L0		0.5-	1
150.6	0017	5B6	&4	0.5-	1

DDH: FAGA139 UTM-N: 904,938.2 UTM-E: 592,578.8 UTM-ELEV: 1,292.3 TOTAL DEPTH: 150.6 SECTION: W 66
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	S0 DIRECT	S1 ANGLE	S1 DIRECT	S2 ANGLE	S2 DIRECT	RFE CDE	DHDC	SDC	PROCESS
FAGA139	0.0	55.7	PS2		0	0	0	0	70	230	0	1	1	1
FAGA139	0.0	60.8	PS2		0	0	0	0	70	230	0	1	1	1
FAGA139	0.0	64.8	PS2		0	0	0	0	71	230	0	1	1	1
FAGA139	0.0	69.2	PS2		0	0	0	0	66	230	0	1	1	1
FAGA139	0.0	74.3	PS2		0	0	0	0	45	230	0	1	1	1
FAGA139	0.0	79.9	PS2		0	0	0	0	50	230	0	1	1	1
FAGA139	0.0	84.4	PS2		0	0	0	0	50	230	0	1	1	1
FAGA139	0.0	89.5	PS2		0	0	0	0	60	230	0	1	1	1
FAGA139	0.0	93.8	PS2		0	0	0	0	55	230	0	1	1	1
FAGA139	0.0	98.9	PS2		0	0	0	0	49	230	0	1	1	1
FAGA139	0.0	103.6	PS2		0	0	0	0	56	230	0	1	1	1
FAGA139	0.0	109.1	PS2		0	0	0	0	45	230	0	1	1	1
FAGA139	0.0	114.6	PS2		0	0	0	0	49	230	0	1	1	1
FAGA139	0.0	119.3	PS2		0	0	0	0	47	230	0	1	1	1
FAGA139	0.0	125.9	PS2		0	0	0	0	55	230	0	1	1	1
FAGA139	0.0	145.0	PS2		0	0	0	0	64	230	0	1	1	1
FAGA139	0.0	148.0	PS2		0	0	0	0	70	230	0	1	1	1
FAGA139	51.8	150.0	PS2	P	0	0	0	0	0	0	0	1	1	1

DDH: FAGA139 UTM-N: 904,938.2 UTM-E: 592,578.8 UTM-ELEV: 1,292.3 TOTAL DEPTH: 150.6 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
FAGA139	83.8	86.1	1G			0	0	0	0	0	0	1
FAGA139	0.0	97.2	G			0	0	99	999	0	0	1
FAGA139	0.0	97.6	G			0	0	40	0	0	0	1
FAGA139	0.0	101.9	G			0	0	40	0	0	0	1
FAGA139	105.1	108.6	1G			0	0	30	0	0	0	1
FAGA139	0.0	117.6	G			0	0	20	0	0	0	1
FAGA139	122.5	123.0	B			0	0	0	0	0	0	1
FAGA139	128.6	130.1	P	3		0	0	0	0	0	0	1
FAGA139	130.1	131.7	X			0	0	0	0	0	0	1
FAGA139	131.7	142.7	G			0	0	0	0	0	0	1

DDH: FAGA139 UTM-N: 904,938.2 UTM-E: 592,578.8 UTM-ELEV: 1,292.3 TOTAL DEPTH: 150.0 SECTION: W 66
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGA139	1	2
FAGA139	2	2
FAGA139	3	1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 76-A139

Project: Grum Relog

Location: Vangorda Plateau

Claim: _____

UTM ~~Terr.~~ Plane Co-ords.: 6904938.1938 N

1979 HEW Orthophoto Survey

5925787.618 E

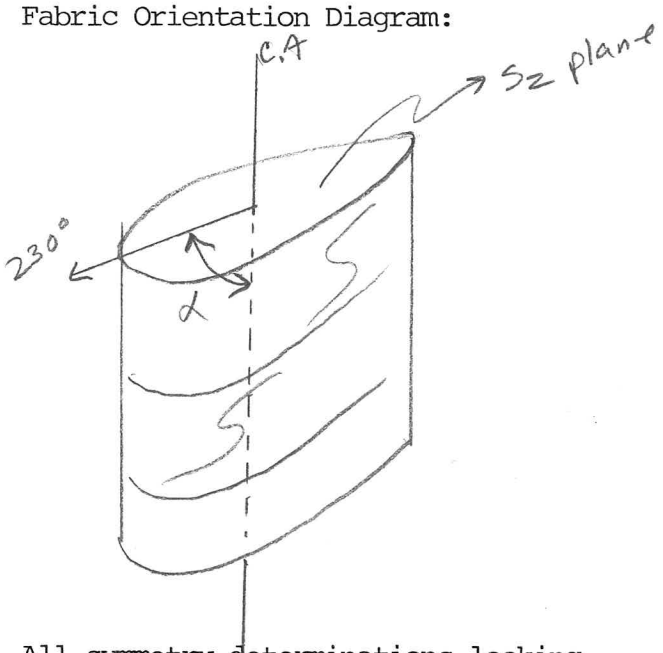
Grid Co-ords.: 66W/8N

_____

Elevation: 1292.26

Total Depth: 150.0 m

Fabric Orientation Diagram:



All symmetry determinations looking

NW with S_2 dipping

SW with dip azimuth 230.

Purpose: _____

Logged by: ISM Date(s) Logged: August 20, 1980

Drilling Contractor: _____

Core:	Size	From	To	Collar Cased and Capped:
	BQ	46.7	150.0	

Started: August 14, 1976 Completed: August 18, 1976

Cyprus Anvil Mining Corp.
Diamond Drill Core Log

DDH 75-A-139

Code	Drillhole	Elevation	Northing	Easting	Comments
1	2 8	10 16	17 24	25 32	34 48
T	75-A-139	1292.3	9049382.2	592578.8	METRES

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2 8	10 14	22 26	28 32	34 56
R	75-A-139	0 0	180.0	0.0	AT COLLAR
R	75-A-139	512.4	174.3	38.0	SPERRY SUN
R	75-A-139	1131.4	166.4	65.0	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	

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

DDH 76-A139 (2 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Logged By: JSM

Code	From	To	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
L	0	51 8	1		O/B, glacial till, granite + greenstone (F.C) boulders
L	51 8	738	2	5B26	minor py + po blebs & stringers
L	738	817	3	5B6	
L	817	838	4	4L0	
L	838	861	5	5B6	minor gouge
L	861	963	6	4L0	minor py
L	963	1051	7	5B6	@ 97.2 gouge = 11 S_2 in tectonic looking contact @ 97.6 gouge @ 30° to c.a. along 280° DLA (same dip direct. as S_2)
L	1051	1086	8	4L0	@ 101.9 gouge @ 40° " " " " " " " " " " minor py + gouge; @ 102.2 gouge @ 30° to c.a. along 230° DLA i.e. same dip direct as S_2
L	1086	1102	9	5B16	117.7 (top & bottom)
L	1102	1225	10	4L0	@ 117.6 gouge @ 30° to c.a. along 280° DLA i.e. same direction as S_2 locally 4L1 minor py
⇒ L	1225	1230	11	4D4	5 core buggered up, ~70% sfd, 30% qtz. 10-15??% PbZn
⇒ L	1230	1246	12	4G4	* porous (5D4*) 15-20??% PbZn Reacts strongly to 10% HCl (4 minor graphite horsps close to 4A unit. ≈ 5D4 (123.8-124.4)
L	1246	1254	13	4E0	10-15% qtz.
L	1254	1317	14	4A0	→ 4A bxia @ EOI } graphitic fault zone 130 - 131.7m bx. 1286→130% (0.5m Rec)
L	1317	1332	15	5A0	? black gouge }
L	1332	1427	16	4L0	? white gouge }
L	1427	1506	17	5B6	incipient w.m.
		EOH			

NB unit 12 3cm calcite clast in middle of interval, unit is quite calcareous. ?? Is there transition to 4K minor magnetite at top of unit. 4G4 → 4G4* → 4K (porous)

DDH 76-A-139 (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		51.8					O/B
S	55.7		PS12			70 230	P region 51.8-122.5
S	60.8		PS12			70 230	~5 sym determ. in this interval
S	64.8		PS12			71 230	both S+Z
S	69.2		PS12			66 230	
S	74.3		PS12			45 230	
S	79.9		PS12			50 230	
S	84.4		PS12			50 230	
S	89.5		PS12			60 230	
S	93.8		PS12			55 230	
S	98.9		PS12			49 230	
S	103.6		PS12			56 230	
S	109.1		PS12			45 230	
S	114.6		PS12			49 230	
S	119.3		PS12			47 230	
S	122.5		F2P				R region 122.5-131.7
S	125.9		PS12			55 230	
S	131.7		F2R				P region 131.7 to EOH
S	145.0		PS12			64 230	131.7-142.7 = gouge
S	148.0		PS12			70 230	
S	150.0		F2P				EOH

DDH 76-A139 (2 8) Cyprus Anvil Mining Corp

Page ___ of ___

Logged by PST

ASSAY LOG (SAMPLER'S COPY) Date Aug 16/81 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	1225	1230	9399	05	05	4D45	
P	1230	1246	9400	16	16	4G4*	(5D47)
P	1246	1254	9401	08	08	4E01	
P	1254	1274	9402	20	20	4A09	
P	1274	1294	9403	20	18	4A01	
P	1294	1317	9404	23	16	4A01	

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

DDH 76-A139 (2 / 8)

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

Logged By: JSM

Sampled By: KA

Code	From	To	Sample No.	Description	Length	Rec'v	Unit
1	10 14	16 20	22 27				
P	1132	1224	A3313	KA	1.4	1.1	4LO
P	1224	1238	A3314	KA	1.4	1.35	4D4?, 4G4?
P	1238	1243	A3315	KA	0.5	0.47	4G4?
P	1243	1255	A3316	KA	1.2	1.1	4G4?, 4EO
P	1255	1271	A3317	KA	1.6	1.4	4AO
P	1271	1286	A3318	KA	1.5	1.4	4AO
P	1286	1301	A3319	KA	1.5	0.5	4AO
P	1301	1317	A3320	KA	1.6	1.1	4AO

DDH EAGA139 (2 8) Metres

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	1838	1861	1G					
F		1972	G			999 999		
F		1976	G			4,0 0,00		
F		2019	G			4,0 0,00		
F	2051	2086	1G			3,0 0,00		
F		2176	G			2,0 0,00		
E	2225	2230	B					
E	2300	2317	X					
F	2286	2301	P	(2)				
F	2317	2427	G					

DIAMOND DRILL RECORD

LOGGED BY FRED CHOW

D.D.H. Nº 76-A139 PAGE 1

PROPERTY GRUM JOINT VENTURE

CO-ORDS GRID

LATITUDE 10,724.00 8N+24.3m NE STARTED AUGUST 14, 1976 n.s.

DEPARTURE 7,884.02 66W COMPLETED AUGUST 18, 1976 d.s.

ELEVATION 1302.871 SURFACE PROPOSED DEPTH 145-154m

ULTIMATE DEPTH 150.0m

HOLE SURVEY:		
DEPTH	BEARING	DIP
COLLAR		90°
52.4	039°	-84.5°
113.4	064°	-76.5°

CLAIM Nº

N

DIRECTION AND DISTANCE FROM N.E. CLAIM POST

CEMENTING OF HOLE = 26.8 ft/bag (8.2 m/bag)

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	51.8	OVERBURDEN													
		From (160-170') 48.7-51.8m cored glacial till from 48.7-49.4m	nil/51.8		0	51.8									
		(mix of clay, small pieces broken rock, larger pieces up to													
		0.06m). 49.4-51.8m = large and small granite + greenstone													
		boulders up to 0.16m.													
51.8	73.8	QUARTZ-SERICITE-GRAPH PHYLLITE (Sg)													
		40% qtz, 5-10% graphite, v. fissile, dark gray cored as	3.2/4.9		51.8	56.7									
		poker chips, v. thinly laminated. Slight oxid'n @ 53.8-54.3	5.3/6.4			63.1									
		CA: F_2 70° @ 51.8-58m, 80° @ 58-59m (F_1 sub-v to F_2), 75° @	3.2/4.6			67.7									
		60-67.5m, 70-75° @ 68-73.5m.	6.0/6.1			73.8									
		Shearing @ 69.4m, 70.9, 71.6 (20° to F_2), 72m (35° to F_2),													
		73.2m (30° to F_2), and @ 73.5-73.8m.													
73.8	81.7	QUARTZ-SERICITE ± CHLORITE PHYLLITE (Sc)													
		60-65% qtz, light to med. gray, 3% chlorite, well foliated,	7.9/7.9		73.8	81.7									
		Intermittent qtz veinlets 1cm to 15cm wide following foliation													

LOGGED BY _____ D.D.H. NO 76-A139 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
		generally assoc with 1-5% ankerite. FAULT GOUGE @ 75.1m &													
		sheared to 75.3m. CA: F_2 50° @ 74-75m, 70° to 78m, 40°													
		@ 78.1, 60° @ 78.5m, 50-40° from 78.6-80.8m.													
81.7	83.9	QUARTZ-SERICITE PHYLLITE (Sbc) Bleached grayish-buff.													
		70% qtz, 0.3 py occuring as blebs and threads // foliation &	2.2/2.		81.7	83.9									
		F_1, 2% chlorite. Upper contact = gradual alteration to 81.7													
		@ slip contact @ 70°. Lower contact sharp @ 40° to core and													
		@ 35° to F_2, could be a tight slip. F_2 55-40°, F_1 sub-v to F_2													
83.9	85.8	QUARTZ-SERICITE PHYLLITE (S). FAULT AND SHEAR ZONE.													
		Medl gray, altered, many fractures. FAULT GOUGE @ 84.7m-85m	1.6/1.9		83.9	85.8									
		and 85.8-86.2m. Rock between show mod. shearing & fracturing													
		CA: F_2 55-40°.													
85.8	89.2	QTZ-SER PHY (Sb). FAULT AND SHEAR ZONE. BLEACHED BUFF													
		50-60% qtz, 0.1 py. Rock massive except @ shear sections @	2.7/3.4		85.8	89.2									
		86.5m, 86.7-87.5m (sheared and gouged), 88.3-88.6m (sheared													
		and crushed), 89.0-89.2m (sheared and crushed)													
		CA: F_2 45-55°, F_1 sub-vertical to F_2.													
89.2	90.2	QUARTZ-SERICITE PHYLLITE (Sb)	1.0/1.0		89.2	90.2									

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
		Similar to above section. No shearing.													
90.2	96.2	QUARTZ-SERICITE-CHLORITE PHYLLITE (Sbc)													
		50-70% qtz, variable, 10 chl banded, 5 cm of foliated bio.	6.0/6.0		90.2	96.2									
		@ 90.7m & 96.1m. 0.1% py in scattered bands and blebs.													
		Rock mod. competent. CA: F_2 45-50°. F_1 local sub-v to F_2													
		@ 94.5-94.7m.													
96.2	98.0	QUARTZ-SERICITE PHYLLITE (S) SHEAR ZONE.													
		Phy. crushed, fractured and part brecciated. Late quartz-	1.8/1.8		96.2	98.0									
		ankerite filling.													
98.0	104.2	QUARTZ-SERICITE $\pm$ CHLORITE (Sc)													
		60-65% qtz, 1-3 chl. Med gray, thinly foliated, a few local	6.2/6.2		98.0	104.2									
		tension gashes. CA: 40° to 101m, 50° to 104m.													
104.2	108.8	QUARTZ-SERICITE-BIOTITE PHYLLITE (SbB)													
		Bleached buff. 55-60% qtz, 3-10 bio local, 0.5 py. Sheared	2.9/3.1		104.2	107.3									
		@ 106-106.3m. Fractured & brecciated @ 107.3-107.6m, re-	0.8/1.5			108.8									
		cemented. CA: F_2=45° @ 104.6m, 40° @ 105.8-107.6m, 65° @													
		108'.													

LOGGED BY _____ D.D.H. NO 76-A139 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
108.8	110.3	QUARTZ-SERICITE PHYLLITE (S)													
		55% qtz, light to med. gray. Altered-looking, contorted,	1.3/1.5		108.8	110.3									
		but firm rock. CA: F_2 50-60°.													
110.3	113.2	QUARTZ-SERICITE-CHLORITE PHYLLITE (Sbc)													
		Bleached buff, mod firm except for shearing along foliation	0.45/1.6		110.3	111.9									
		plane at a few places. 55% qtz, 4 chlorite, 2 py.	1.2/1.3			113.2									
		CA: F_2=60-50°.													
113.2	112.4	QUARTZ-SERICITE PHYLLITE (Sb)													
		As above except no chlorite. 3 Py, 50-70% qtz to 120m.	7.8/7.8		113.2	121.0									
		CA: 65° @ 113.5m, 55° @ 114.6 (F_1 sub-v to F_2), 70° @ 115m,	1.1	U-4333		122.4	1.4	0.03	0.08	1.03					
		20° @ 116m (F_1 sub-v F_2), 70° @ 116.8m (F_1 sub-v), 45° @ 117.4													
		(F_1 40° to F_2), 30° @ 118-119.5m, (F_1 sub-v).													
		119.8-122.4m : Sb brecciated, qtz breccia re-mobilized and													
		partly rehealed. Generally fractured and													
		breaks readily along fractures and sericitic planes.													
		Scattered f.g. of PbZn-3 Py, 0.2 PZ.													
122.4	125.5	MASSIVE SULPHIDES													
		Massive sulphs occuring in h.w. of sulph mineralized zone													
		(bounded by lg. F_2 fold structure?), which has been disturbed													

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
		by thrust (?) faulting, on the fill side. Mass sulphs appear															
		to be in fold noses.	Py	PZ													
		122.4-123.0m : Qtz-Sulph±Graph; (F_2 70°), 25 Py 9 PZ, F_1 nose	45	17	1.35	U 4334	122.4	123.8	1.4	7.95	13.01	141.26			11.13	18.21	197.76
		-123.8m : Mass. Sulphs, porous, (banding 90°) 65 Py, 24 PZ. also foliated	1	1	0.47	4335		124.3	0.5	0.40	0.65	6.17			0.20	0.33	3.09
		-124.3m : Bleached Qtz-Ser (F_2 10° also F_1 noses)															
		-124.4m : M.S. porous-65Py, 24 PZ 1 Py, 11 PZ	80	10	1.1	6		125.5	1.2	4.30	5.78	65.49			5.16	6.94	78.59
		-124.9m : M.S. banding 60°, 95 Py, 2 PZ															
		-125.5m : M.S., solid and porous banding 70°, 70 Py, 14PZ															
		Lower contact @ 125.5m = 45° to core or 80° to F_2.															
125.5	131.7	QUARTZ SULPH-GRAPH (PgB + PX qg)	Py	PZ													
		Siliceous, fractured, parts shattered and brecciated and re-															
		cemented. Av 1% vugs. Mainly F_1 mineralization;	20	5.5	1.4	U-4337	125.5	127.1	1.6	1.70	3.53	25.37			2.72	5.65	40.59
		av. 20 Py, range from 4.5-7.5 PZ. (PXgq)	20	3.5	1.4	4338		128.6	1.5	1.20	2.58	24.34			1.80	3.87	36.51
		127.2-127.8m : Qtz-Sulph breccia in Qtz-Graph matrix	20	5	0.5	4339		130.1	1.5	1.05	2.63	16.11			1.58	3.95	24.17
		130.4-131.7m : " " " " " " " "	20	8	1.1	4340		131.7	1.6	1.95	3.90	29.14			3.12	6.24	46.62
		CA: @ 126.5m F_2=75°, F_1 30° to F_2. @ 126m, F_2=65°, F_1=30-45°															
		to F_2. @ 128m, F_2=15°, F_1 60° to F_2, @ 138.3m, F_2=40°, F_1=70°				W.Av.	122.4	125.5	3.1	5.32	8.22	90.14			16.49	25.48	279.44
		to F_2 or near // to core. @ 128.9-131.4m, F_2 not seen.					125.5	131.7	6.2	1.49	3.18	23.85			9.22	19.71	147.89
		F_1=55° to core.					127.1	130.1	3.0	1.13	2.61	20.23			3.38	7.82	60.68
131.7	145.0	FAULT ZONE															
		Fault gouge, crushed, and sheared rock.			9/13.3		131.7	145.0									
		Buff gouge, brecciated quartz, sericite, 131.7-132.5m : + 1% Py, negligent PZ.															

LOGGED BY _____ D.D.H. NO 76-A139 PAGE 6

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		-133.2 Dark gray to black gouge, brecciated qtz,ser, graph -136.2 Buff, shattered & brecciated & gougy Qtz-Sericite.													
		-137.4 Buff Qtz-Ser shearing along foliation. -138.8 Buff " " crushed.													
		-139.3 Buff gouge and shear flakes. -139.8 Gray phyllite. 60% sheared along foliation.													
		-142.8 Buff gouge. -143.6 Buff gray phyllite, 5% sheared.													
		-145.0 Light-medium gray sheared and shattered.													
		Shearing at approximately 40° to core.													
145.0	147.6	QUARTZ-SERICITE PHYLLITE (S) + (Sb)													
		45-70% qtz, light gray, thinly foliated. A few slips and	2.3/2.6		145.0	147.6									
		fractures, and likely narrow shear. Sb @ 145.4-145.9m.													
		CA: F_2 65-70°, F_1 sub-v to F_2 @ 146-146.7m.													
147.6	150.0	SHEAR ZONE. QUARTZ-SERICITE PHYLLITE.													
		Phy highly sheared; gouge @ 147.6-148.2 (?), gouge & breccia	0.25/0.8		147.6	148.4									
		@ 149(?) - 149.7(?). CA: F_2 = 75° @ 150m.	0.7/1.6			150.0									
	150.0	END OF HOLE.													
		REMARKS: 12 bags of cement used, mixtured poured													
		down casing.													

DDH: FAGA139 -- 42 DEGREE PROFILE

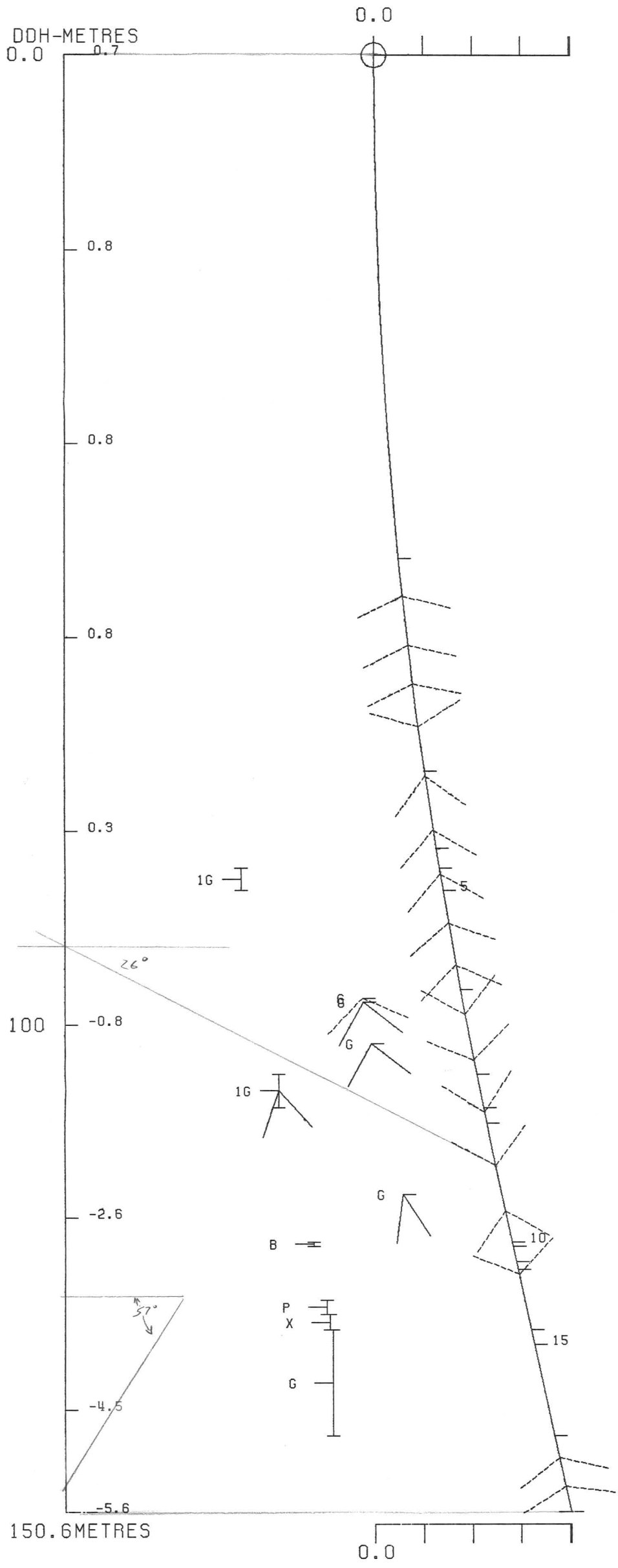
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1292 592579E ; 904938N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 643.2 Z = 1292.4

SECTION NAME: 66W



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 24 MAY 1984 4:06 PM

DDH: FAGA139 -- 42 DEGREE PROFILE

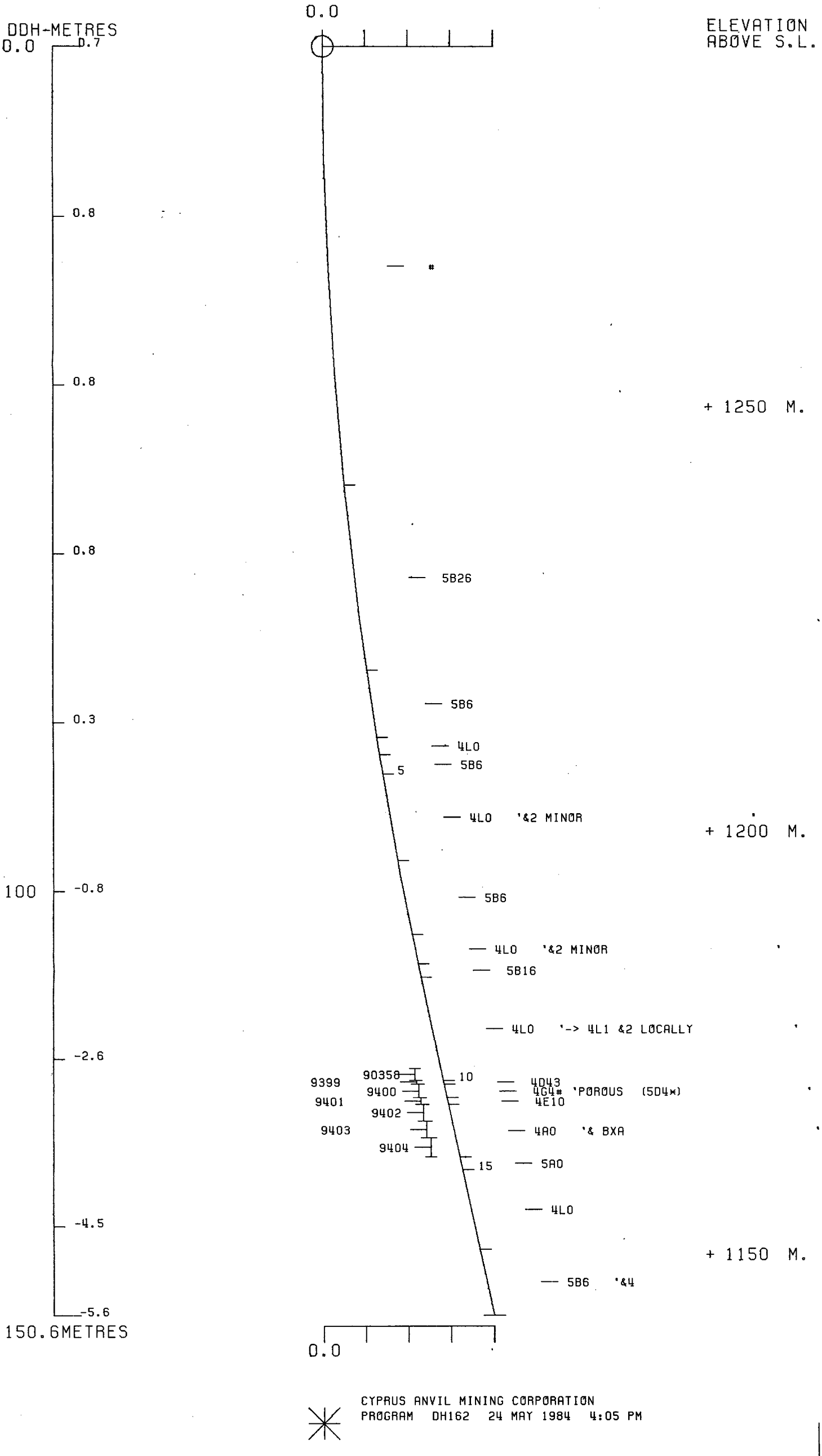
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1292 592579E ; 904938N

PLUNGE ANGLE IS 11:0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 643.2 Z = 1292.4

SECTION NAME: 66W



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 24 MAY 1984 4:05 PM

84/1C/16

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
FAGA157	9296	32.7	33.3	.6	100	4E#4	4.20	.15	3.90	3.20	62.0	.07	3.76	26.40		7.10	30.16	.45
	9297	33.3	34.1	.8	100	4QS	3.41	.07	2.50	2.30	45.0	.07	12.10	7.00		4.80	19.10	.48
	90154	67.6	70.7	3.1	19	4LEA			1.00	.60	13.0					1.60		.38
	9299	70.9	72.6	1.7	100	4CL#	3.71	.25	1.07	1.10	25.0	.55	5.05	21.40		2.17	26.45	.51
	9300	72.6	74.6	2.0	100	4C3	4.18	.15	2.30	.77	34.0	.96	3.52	29.30		3.07	32.82	.25
	9451	74.6	76.6	2.0	80	4E4	4.45	.30	2.50	2.70	37.0	.82	2.64	33.20		5.20	35.84	.52
	9452	76.6	78.0	1.4	100	4LO	3.15	.07	.69	.91	11.0	.21	3.15	5.90		1.60	9.05	.57
	9453	104.6	105.8	1.2	58	4E1		.40	.93	.61	23.0					1.54		.40
	9454	105.8	107.7	1.9	53	4E1		.35	.17	.28	15.0					.45		.62
	9455	108.8	110.3	1.5	87	4A3		.27	.13	.19	12.0					.32		.59
	9456	110.3	111.9	1.6	88	4A3		.13	.13	.17	12.0					.30		.57
	9457	111.9	113.7	1.8	94	4A3		.13	.15	.16	12.0					.31		.52
	9458	113.7	115.5	1.8	100	4A3		.40	.21	.44	17.0					.65		.68
	9459	115.5	116.5	1.0	100	4A3		.42	.14	.21	15.0					.35		.60
	9460	116.5	118.0	1.5	100	4C3		.37	.14	.22	16.0					.36		.61
	9461	118.0	119.3	1.3	100	4C3	3.95	.17	1.82	3.50	40.0	.89	1.75	25.40		5.32	27.15	.66
	9462	119.3	119.8	.5	100	4E4#	4.19	.20	7.60	7.20	100.0	.89	1.85	23.20		14.80	25.05	.49
	9463	119.8	120.8	1.0	100	4E4#	4.89	.19	12.40	10.90	150.0	2.13	3.52	23.90		23.30	27.42	.47
	9464	120.8	122.6	1.8	94	4C#	3.55	.35	1.61	1.26	30.0	.41	5.37	15.30		2.87	20.67	.44

DDH	SAMPLE	ROCK UNIT	NORMATIVE MINERALS - WEIGHT % CPY	GA	SP	PO	PY	BAR	OTHER	*	NORMATIVE MINERALS - VOLUME % CPY	GA	SP	PO	PY	BAR	OTHER
									27.61	*	.42	2.44	4.85	5.23	46.20		40.85
FAGA157	9296	4E#4	.43	4.50	4.77	5.91	56.77		59.40	*	.16	1.28	2.85	13.77	10.02		71.91
	9297	4QB	.20	2.89	3.43	19.03	15.05		97.95	*							
	90154	4LEA		1.15	.89				42.44	*	.63	.61	1.51	6.37	33.95		56.93
	9299	4CL#	.72	1.24	1.64	7.94	46.02		27.22	*	.42	1.45	1.17	4.92	51.55		40.48
	9300	4C3	.43	2.66	1.15	5.54	63.01		16.67	*	.90	1.69	4.41	3.95	62.51		26.54
	9451	4E4	.87	2.89	4.03	4.15	71.40		80.00	*	.15	.32	1.02	3.24	7.64		87.63
	9452	4LO	.20	.80	1.36	4.95	12.69		96.86	*							
	9453	4E1	1.16	1.07	.91				98.37	*							
	9454	4E1	1.01	.20	.42				98.79	*							
	9455	4A3	.78	.15	.28				99.22	*							
	9456	4A3	.38	.15	.25				99.21	*							
	9457	4A3	.38	.17	.24				97.95	*							
	9458	4A3	1.16	.24	.66				98.31	*							
	9459	4A3	1.21	.16	.31				98.44	*							
	9460	4C3	1.07	.16	.33				34.81	*	.45	1.08	5.04	2.31	42.21		48.91
	9461	4C3	.49	2.10	5.22	2.75	54.62		27.11	*	.56	4.78	10.97	2.59	40.79		40.30
	9462	4E4#	.58	8.78	10.73	2.91	49.89		11.95	*	.60	8.71	18.52	5.49	46.87		19.81
	9463	4E4#	.55	14.32	16.25	5.54	51.40		53.90	*	.83	.86	1.62	6.34	22.71		67.65
	9464	4C#	1.01	1.86	1.88	8.45	32.90										

DRILL HOLE : FAGA157
NORTHING : 904,715.7
EASTING : 592,378.1
ELEVATION : 1,273.9
TOTAL DEPTH : 155.4
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:	19
NOS DOWN-H-SURVEYS:	3
NOS DOWN-H-LITHOLOGY:	42
NOS DOWN-H-STRUCTURE:	40
NOS DOWN-H-FAULTS:	9
NOS DOWN-H-SPLINES:	3
NOS COMPOSITES:	0

DDH: FAGA157 UTM-N: 904,715.7 UTM-E: 592,378.1 UTM-ELEV: 1,273.9 TOTAL DEPTH: 155.4 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.
32.7	33.3	09296	.6	.6	4E#4	4.20	.15	3.90	3.20	62.00		.07	3	26	30						
33.3	34.1	09297	.8	.8	4Q@	3.41	.07	2.50	2.30	45.00		.07	12	7	19						
67.6	70.7	90154	3.1	.6	4LEA			1.00	.60		13.00										
70.9	72.6	09299	1.7	1.7	4CL#	3.71	.25	1.07	1.10	25.00		.55	5	21	26						
72.6	74.6	09300	2.0	2.0	4C3	4.18	.15	2.30	.77	34.00		.96	3	29	32						
74.6	76.6	09451	2.0	1.6	4E4	4.45	.30	2.50	2.70	37.00		.82	2	33	35						
76.6	78.0	09452	1.4	1.4	4LO	3.15	.07	.69	.91	11.00		.21	3	5	9						
104.6	105.8	09453	1.2	.7	4E1		.40	.93	.61	23.00											
105.8	107.7	09454	1.9	1.0	4E1		.35	.17	.28	15.00											
108.8	110.3	09455	1.5	1.3	4A3		.27	.13	.19	12.00											
110.3	111.9	09456	1.6	1.4	4A3		.13	.13	.17	12.00											
111.9	113.7	09457	1.8	1.7	4A3		.13	.15	.16	12.00											
113.7	115.5	09458	1.8	1.8	4A3		.40	.21	.44	17.00											
115.5	116.5	09459	1.0	1.0	4A3		.42	.14	.21	15.00											
116.5	118.0	09460	1.5	1.5	4C3		.37	.14	.22	16.00											
118.0	119.3	09461	1.3	1.3	4C3	3.95	.17	1.82	3.50	40.00		.89	1	25	27						
119.3	119.8	09462	.5	.5	4E4#	4.19	.20	7.60	7.20	100.00		.89	1	23	25						
119.8	120.8	09463	1.0	1.0	4E4#	4.89	.19	12.40	10.90	150.00	156.00	2.13	3	23	27						
120.8	122.6	09464	1.8	1.7	4C#	3.55	.35	1.61	1.26	30.00		.41	5	15	20						
WEIGHTED AVERAGE																					
32.7	34.1		1.4	1.4		3.74	.10	3.10	2.68	52.28		.07	8	15	23						
67.6	70.7		3.1	.6				1.00	.60		13.00										
70.9	78.0		7.1	6.7		3.94	.20	1.74	1.42	28.15		.67	3	23	27						
104.6	107.7		3.1	1.7			.36	.46	.40	18.09											
108.8	122.6		13.8	13.2		1.34	.26	1.65	1.70	31.47	11.30	.32	1	6	8						

DDH: FAGA157 UTM-N: 904,715.7 UTM-E: 592,378.1 UTM-ELEV: 1,273.9 TOTAL DEPTH: 155.4 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
61.000	177.200	123.000
121.900	175.900	83.000

DDH: FAGA157 UTM-N: 904,715.7 UTM-E: 592,378.1 UTM-ELEV: 1,273.9 TOTAL DEPTH: 155.4 SECTION: W 66
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
29.3	0001	#		0.5-	1
32.8	0002	4LO		0.5-	1
33.1	0003	4E4#		0.5-	1
34.1	0004	4Q&	? [10Q&]	0.5-	1
36.5	0005	4LO	(5D4*) MINOR	0.5-	1
38.2	0006	5BC$		0.5-	1
43.8	0007	4LO	(5CD4*) MINOR	0.5-	1
47.1	0008	5B2	-> 5B26 -> 5A	0.5-	1
47.8	0009	4LO		0.5-	1
50.5	0010	5AO		0.5-	1
51.1	0011	4L2		0.5-	1
53.5	0012	5B26	(5A) MINOR	0.5-	1
56.0	0013	4LO	-> 4L2 LOCALLY	0.5-	1
57.0	0014	5B86	[4L6]	0.5-	1
61.9	0015	5B26		0.5-	1
62.2	0016	5B86	[4L6]	0.5-	1
66.4	0017	5B20	-> 5B26	0.5-	1
70.9	0018	4L2	(4E) (4A) BOTH MINOR	0.5-	1
72.6	0019	4CC	&4 &# (4L12# &4)	0.5-	1
74.6	0020	4C3	&5	0.5-	1
76.5	0021	4E4	&1 &O (4CO) MINOR	0.5-	1
78.0	0022	4LO		0.5-	1
83.1	0023	5BO		0.5-	1
84.1	0024	5DC		0.5-	1
86.2	0025	5BC$	(5D4*) MINOR	0.5-	1
88.7	0026	5BO?		0.5-	1
99.6	0027	5BO	&4 (5D4*) MINOR	0.5-	1
100.4	0028	5DO		0.5-	1
104.6	0029	5BO?		0.5-	1
107.7	0030	4E1	BXA	0.5-	1
108.8	0031	5C4$		0.5-	1
116.5	0032	4A3	(4E1) 70:30	0.5-	1
119.3	0033	4C3	&5 [4EO (4CO) (4A3) 50:48:2]	0.5-	1
120.8	0034	4E4#	POROUS (4E4 &1) MINOR	0.5-	1
122.6	0035	4CO#	& BXA	0.5-	1
124.1	0036	4L2	[4LE]	0.5-	1
140.3	0037	5BC$		0.5-	1
143.1	0038	5BO?		0.5-	1
146.1	0039	5BO$		0.5-	1
147.9	0040	5BO		0.5-	1
153.9	0041	5BC$		0.5-	1
155.4	0042	5BO		0.5-	1

DDH: FAGA157 UTM-N: 904,715.7 UTM-E: 592,378.1 UTM-ELEV: 1,273.9 TOTAL DEPTH: 155.4 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
FAGA157	0.0	31.0	PS2		0	0	0	0	60	230	0	1	1	1
FAGA157	0.0	36.2	PS2		0	0	0	0	69	230	0	1	1	1
FAGA157	0.0	41.8	PS2		0	0	0	0	60	230	0	1	1	1
FAGA157	0.0	47.5	CS2	Z	0	0	0	0	52	230	0	1	1	1
FAGA157	30.8	51.1	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGA157	0.0	51.1	PS2		0	0	0	0	52	230	0	1	1	1
FAGA157	0.0	55.3	CS2		0	0	0	0	70	230	0	1	1	1
FAGA157	51.1	57.0	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGA157	0.0	60.0	PS2		0	0	0	0	72	230	0	1	1	1
FAGA157	57.0	63.0	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGA157	0.0	65.0	CS2		0	0	0	0	76	230	0	1	1	1
FAGA157	63.0	67.7	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGA157	0.0	71.2	PS2		0	0	0	0	53	230	0	1	1	1
FAGA157	0.0	76.5	PS2		0	0	0	0	54	230	0	1	1	1
FAGA157	67.7	78.0	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGA157	0.0	81.7	CS2		0	0	0	0	46	230	0	1	1	1
FAGA157	78.0	83.2	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGA157	0.0	85.6	CS2		0	0	0	0	68	230	0	1	1	1
FAGA157	83.2	90.5	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGA157	0.0	90.5	CS2		0	0	0	0	55	230	0	1	1	1
FAGA157	0.0	95.1	CS2		0	0	0	0	53	230	0	1	1	1
FAGA157	90.5	96.8	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGA157	0.0	100.0	CS2		0	0	0	0	61	230	0	1	1	1
FAGA157	96.8	104.4	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGA157	0.0	107.8	PS2		0	0	0	0	67	230	0	1	1	1
FAGA157	0.0	112.8	PS2		0	0	0	0	35	230	0	1	1	1
FAGA157	0.0	117.8	PS2		0	0	0	0	34	230	0	1	1	1
FAGA157	0.0	122.5	PS2		0	0	0	0	45	230	0	1	1	1
FAGA157	107.8	124.1	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGA157	0.0	126.5	CS2		0	0	0	0	57	230	0	1	1	1
FAGA157	124.1	131.3	CS2	S	0	0	0	0	0	0	0	1	1	1
FAGA157	0.0	131.3	CS2		0	0	0	0	50	230	0	1	1	1
FAGA157	131.3	133.8	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGA157	0.0	136.6	PS2		0	0	0	0	44	230	0	1	1	1
FAGA157	0.0	140.4	PS2		0	0	0	0	44	230	0	1	1	1
FAGA157	133.8	143.9	PS2	P	0	0	0	0	0	0	0	1	1	1
FAGA157	0.0	145.3	CS2		0	0	0	0	52	230	0	1	1	1
FAGA157	0.0	150.4	CS2		0	0	0	0	57	230	0	1	1	1
FAGA157	0.0	154.8	CS2		0	0	0	0	51	230	0	1	1	1
FAGA157	143.9	155.4	CS2	Z	0	0	0	0	0	0	0	1	1	1

DDH: FAGA157 UTM-N: 904,715.7 UTM-E: 592,378.1 UTM-ELEV: 1,273.9 TOTAL DEPTH: 155.4 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
FAGA157	43.8	47.1	F			0	0	0	0	0	0	1
FAGA157	68.3	70.7	PG	3		0	0	0	0	0	0	1
FAGA157	86.2	88.7	G			0	0	0	0	0	0	1
FAGA157	0.0	104.6	G			0	0	0	0	0	0	1
FAGA157	104.6	107.7	D?X			0	0	0	0	0	0	1
FAGA157	108.8	116.5	2R			0	0	0	0	0	0	1
FAGA157	120.8	122.6	1D			0	0	0	0	0	0	1
FAGA157	122.6	124.1	2G			0	0	99	999	0	0	1
FAGA157	140.3	143.1	SG			0	0	0	0	0	0	1

DDH: FAGA157 UTM-N: 904,715.7 UTM-E: 592,378.1 UTM-ELEV: 1,273.9 TOTAL DEPTH: 155.4 SECTION: W 66
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGA157	1	2
FAGA157	2	2
FAGA157	3	1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 76-A157

Project: GRUM RELOG

Location: VANGORDA PLAT.

Claim: _____

UTM ~~Terr.~~ Plane Co-ords.: 6,904,715.7 N

1979 HIW Orthophoto Survey

592,378.1 E

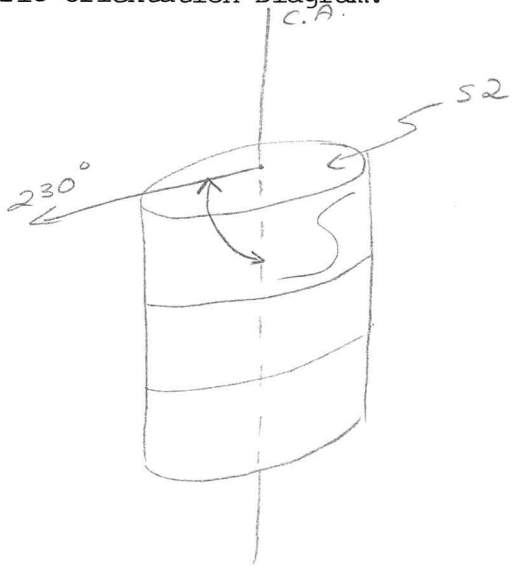
Grid Co-ords.: 66W/1S

_____

Elevation: 1273.90

Total Depth: 155.40

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: 12/9/76 Completed: 15/9/76

Cyprus Anvil Mining Corp.
Diamond Drill Core Log

DDH 75-A-157

Code	Drillhole	Elevation	Northing	Easting	Comments
1	2 8	10 16	17 24	25 32	34 48
T	75-A-157	1273.9	9047157.7	592378.1	METRES

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2 8	10 14	22 26	28 32	34 56
R	75-A-157	0 0	180.0	0.0	ATCOLLAR
R	75-A-157	611.0	177.2	123.0	SPERRY SUN
R	75-A-157	1211.9	175.9	83.0	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	

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

DDH 76-A-157 (2 / 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Logged By: DJH

Code	From m	To m	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
L	1100	1293	11	#	%B - triconed to 30.8
L	1293	1328	12	4LD	
L	1328	1331	13	4E4	* - CALC CONTACTS?
L	1331	1341	14	01Q10	→ ACTUALLY A CARBONATE UNIT - POSS. A VEIN - POSS. A MASSIVE 4KO Fe, Mg CO_3 bearing ; minor sdes.
L	1341	1365	15	4L10	w/ minor buff 4L5 (5D43?)
L	1365	1382	16	5B10	Fe, Mg CO_3 =
L	1382	1438	17	4L10	minor 5D4 (massive & mottled varieties)
L	1438	1471	18	5B12	→ 5B26? ; fault zone ; possibly some 5A
L	1471	1478	19	4L10	
L	1478	1505	110	5A10	
L	1505	1511	111	4L12	
L	1511	1535	112	5B12	5B26 w/ minor 5A ;
L	1535	1560	113	4L10	→ 4L2 locally.
L	1560	1570	114	4L16	weakly altered looking. ; altered 5B
L	1570	1619	115	5B12	5B26 w/ minor 5A locally
L	1619	1622	116	4L16	as unit 14
L	1622	1664	117	5B12	→ 5B26
L	1664	1709	118	4L12	0.6 m. rec'd 68.3-70.7 ; minor 4E & 4A
					recovered. + GOUGE = FAULT - CONTACTS?
L	1709	1726	119	4KL	→ 4CO ± 4E* ± (4L12* ± 4) 70:30 OR 4KO : 4L2
L	1726	1746	120	4E1A	→ 4CO + (4E4) + (4E1) + (4A3) ~~70:30~~ ~~4EO : 4AO~~ 4CO : 4E4 : 4E1 : 4A3 = 70 : 10 : 10 : 10
L	1746	1765	121	4E10	→ 4E4 ± 1 ± 0 + (minor 4CO) ± POROUS
L	1765	1780	212	4L10	grad. upper ct. over 3cm.
L	1780	1831	213	5B10	
L	1831	1841	214	5D13	mod.'ly altered. (4L65)
L	1841	1862	215	5B10	Fe Mg CO_3 = bearing ; minor 5D43 ; weakly altered?
L	1862	1887	216	5B10	? gouge zone.
L	1887	1996	217	5B10	± altered? zones ; minor buff altered 5D? bands.
L	1996	10104	218	5D13	weakly altered? ; dirty green colour.
L	10104	10146	219	5B10	gouge @ EOI.
L	10146	10177	310	4E11	CLASTS = 4E1 + QZ + 4A1 / MATRIX = QZ ± CALC → CONTACTS? CLOSED "transported ore" or local fault brxia brxia w/ qtzose matrix ; no foliation visible
L	10177	10188	311	4L10	→ 5C4* DOLO w/ mariposite 5D4 ; 4L3 locally.
L	10188	10265	312	4E1A	50:50 ~~4EO : 4AO~~ 4A = PHYL + C PARTINGS;

→ 4A3 + (4E1) → 70:30 — 4E1 INCREASING TOWARD F/W 30% OF UNIT = COARSE RUBBLE

DDH 76-A157

Cyprus Anvil Mining Corp.
Lithologic Log

Logged By: DJH

Code	From	To	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
L	1/1/16 5	1/1/93	3 3	4 E 1 C	-IN 2→10 cm BANDS (TRUE THICKNESS), IC 50:50 4EO:4CO ± 4A3 (<5% OF UNIT)
L	1/1/93	1/2108	3 4	4 E 1 4	* - POROUS CALC + (4E4±1 @ 119.3-119.8)
L	1/2108	1/2226	3 5	4 C 1 0	*some bxia - v. CALC.
L	1/2226	1/2241	3 6	4 L 1 2	or 4LE locally + 30% GOUGE 11S?
L	1/2241	1/4103	3 7	5 B 1 0	Fe, Mg CO_3 = minor $CaCO_3$
L	1/4103	1/4131	3 8	5 B 1 0	? sheared & gouge
L	1/4131	1/4161	3 9	5 B 1 0	Fe Mg CO_3 =
L	1/4161	1/4779	4 0	5 B 1 0	
L	1/4779	1/5139	4 1	5 B 1 0	as unit 39
L	1/5139	1/5554	4 2	5 B 1 0	
		E O H			

DDH 76-A-157 (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	
S		131.0	IS12			61 2310	R region 30.8 – 51.1 m.
S		136.2	IS12			69 2310	(minor Z observed)
S		141.8	IS12			61 2310	
S		147.5	CIS12	Z		52 2310	
S		151.1	IF12	R		52 2310	Z region 51.1 – 57.0
S		155.3	CIS12			70 2310	
S		157.0	IF12	Z			R region 57.0 – 63.0
S		160.0	IS12			72 2310	
S		163.0	IF12	R			Z region 63.0 – 67.7
S		165.0	CIS12			76 2310	
S		167.7	IF12	Z			R region 67.7 – 78.0
S		171.2	IS12			53 2310	
S		176.5	IS12			54 2310	
S		178.0	IF12	R			Z region 78.0 – 83.2
S		181.7	CIS12			46 2310	
S		183.2	IF12	3			S region 83.2 – 90.5
S		185.6	CIS12			68 2310	
S		190.5	IF12	E		55 2310	Z region 90.5 – 96.8
S		195.1	CIS12			53 2310	
S		196.8	IF12				S region 96.8 – 104.4
S		1101.0	CIS12			61 2310	
S		1104.4	IF12	S			
							Bxia zone 104.4 – 107.8
							± 50 sym or S2
S		1107.8	IF12	R		67 2310	R region 107.8 – 124.1
S		1112.8	IS12			35 2310	
S		1117.8	IS12			34 2310	
S		1122.5	IS12			45 2310	
S		1124.1	IF12	R			S region 124.1 – 131.3
S		1126.5	CIS12			57 2310	
S		1131.3	IF12	E		50 2310	Z region 131.3 – 133.8
S		1133.8	IF12	Z			PS2 region 133.8 – 143.9
S		1136.6	PIS12			44 2310	
S		1140.4	PIS2			44 2310	
S		1143.9	IF12	P			Z region 143.9 – 155.4
S		1145.3	CIS12			52 2310	

+50.4 +54.8 — 57 54

DDH 76-A157

Cyprus Anvil Mining Corp.
Structural Log

Logged By: DTH

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		1/1510	C S 12			57 230	
S		1/1548	C S 12			51 230	
S		1/1554	F 2 Z				
		E O H					

DDH 76-A157 (2–8)

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

Logged By: DJH

Sampled By: K.A.

Code	From (10–14)	To (16–20)	Sample No. (22–27)	Description	Length	Rec	Unit
P	1326	1341	5114	K.A.	1.5	1.2	
P	1676	1707	5115	K.A.	3.1	0.6	
P	1707	1722	5116	K.A.	1.5	1.5	
P	1722	1736	5117	K.A.	1.4	1.1	
P	1736	1751	5118	K.A.	1.5	1.5	
P	1751	1766	5119	K.A	1.5	1.5	
P	1766	1778	5120	K.A.	1.2	0.7	
P	1014	1077	5121	K.A	3.1	2.9	
P	1103	1119	5122	K.A.	1.6	1.5	
P	1165	1180	5123	K.A.	1.5	1.5	
P	1180	1189	5124	K.A.	0.9	0.5	
P	1189	1208	5125	K.A.	1.9	1.8	

LOGGED 1980 / CHECKED & ASSAYED 1981

DDH 76-A-157 (2 / 8) Cyprus Anvil Mining Corp Page ____ of ____

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

UNITS = METRES

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
P	132.7	133.3	92296	0.6	0.6	A E * A	
P	133.3	134.1	92297	0.8	0.8	A K 0	?? OR A CARBONATE VEIN.?
P	167.6	170.7	92298	3.1	0.5	A A 1	+(4E*) +(0Q0) // NOT SAMPLED V. POOR REC // SEE K.A. ASSAY # A5158
	170.7	170.9		0.2	0.2	A L 0	+GOUGE // LOW GRADE NOT SAMPLED // ASSAY = 0%
P	170.9	172.6	92299	1.7	1.7	4 C 0	±4** +(4L2*) ±4
P	172.6	174.6	93000	2.0	2.0	4 C 0	+(4E4) +(4E7) +(4D3)
P	174.6	176.6	94511	2.0	1.6	A E 4	±1 ±0 ± POROUS
P	176.6	178.0	94512	1.4	1.4	4 L 0	
P	104.6	105.8	94513	1.2	0.7	A E 1	BRECCIA
P	105.8	107.7	94514	1.9	1.0	A E 1	BRECCIA
	107.7	108.8		1.1		5 C A *	LOW GRADE NOT SAMPLED // ASSAY = 0%
SPLIT P	108.8	111.3	94515	1.5	1.3	A A 3	+(4E7)
P	111.3	111.9	94516	1.6	1.4	4 A 3	+(4E1)
SPLIT P	111.9	113.7	94517	1.8	1.7	A A 3	+(4E1)
P	113.7	115.5	94518	1.8	1.8	4 A 3	+(4E1)
P	115.5	116.5	94519	1.0	1.0	4 A 3	+(4E1)
P	116.5	118.0	94610	1.5	1.5	A E C	
P	118.0	119.3	94611	1.3	1.3	A E C	
P	119.3	119.8	94612	0.5	0.5	A E 4	±1
P	119.8	120.8	94613	1.0	1.0	A E 4 *	CALC, POROUS
P	120.8	122.6	94614	1.8	1.7	A C *	
							END OF HOLE @ 155.4m

DDH EAG.A.157 (2 8) Cyprus Anvil Mining Corp. Page ____ of ____

meters

Structural Log Date: ____ Logged By: ____

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
F	438	471	F					
F	683	707	PG	3				
F	816	887	G					
F	[redacted]	1046	G					
F	1046	1077	D?X					
F	1088	1165	2R					
F	1208	1226	1D					
F	1226	1241	2G			99 99		
F	1403	1431	SG					

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

DIAMOND DRILL RECORD

LOGGED BY D. E. Lowe

D.D.H. Nº 76-A157 PAGE 1 of 8

PROPERTY Grum Joint Venture, Y.T.

	CO-ORDS	GRID		
LATITUDE	10,506.970	1S	STARTED	Sept. 12/76 D.S
DEPARTURE	7,677.261	66W	COMPLETED	Sept. 15/76 N.S
ELEVATION	1284.510	Surface	PROPOSED DEPTH	138.5m
			ULTIMATE DEPTH	155.4m

HOLE SURVEY:

DEPTH	BEARING	DIP
Collar	—	-90°
200' (60.96m)	122°	-87.5°
400' (121.92m)	082°	-86°

CLAIM Nº

N

DIRECTION AND DISTANCE FROM N.E. CLAIM POST

Interval From	Interval To	DESCRIPTION	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
0	29.3	OVERBURDEN.	Nil / 29.3		0	29.3									
29.3	30.8	Qtz-Ser Phy (S6) - assumed. Tricored.	Nil / 1.5		29.3	30.8									
	32.6	" "-Talc" (S5T) Bleached Buff.	1.25 / 1.8			32.6									
		50-60% qtz, sericite & fissile. Crd pynk Web.													
		C.A. F_2 = 60°, F_1 not evident.													
32.6	34.1	Qtz Ankerite( ) and Massive Sulphides (M)													
		32.6-32.9m: Qtz-Ankerite vn or vnd bands of Sulphs (Sp, Gn)													
		-33.4: Mass Sulph. (M) 75% Py, Sph, Py // Fol	1.2	A-3148	32.6	34.1	1.5	3.78	2.85	4437	V				
		-33.55: Qtz-Ankerite, 10% Py, as PP													
		-34.1: Qtz-Ankerite, 1% Py, as PP.													
		C.A. 70° compositional banding in mass sulphs.													
34.1	36.2	QTZ-Ser Phy (S6) Bleached Buff.	1.45 / 2.1		34.1	36.2									
		As 30.8-32.6m.													
		C.A. F_2 = 70°													

LOGGED BY _____ D.D.H. NO. T6-A157 PAGE 2 of 2

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
36.2	40.4	QTZ - Ser PHY (S) Light Gray													
		45-55% qtz, veinlets, fissile, shiny laminations.	3.2/4.4		36.2	40.4									
		C.A. F_2 = 65°. F_1 no noted.													
40.4	44.1	QTZ - TALC - Ser PHY (S7) Off-White.													
		Massive & soft. Pockets, more Ser + Talc than Qtz.	1.2/1.4		40.4	41.8									
		C.A. 55-60°	2.3/2.3			44.1									
44.1	47.1	Shear & Fault Zone (Sh + S)													
		Phyllites highly sheared & fault gouge & breccia	0.6/0.7		44.1	47.8									
		Noted @ 44.7-45.2' and @ 46.3-47.1'.	0.55/1.5			46.3									
		Phyllites mainly fine Graph, bull Ser @ 45.2-46.3'.	0.55/0.8			47.1									
		C.A. 55-60°													
47.1	53.5	QTZ - Ser - Graph PHY (S+S6)													
		47.1-48.0': Bleached argillic-bull Ser.	0.9/1.4		47.1	48.5									
		-50.5: Ser-Graph Phy, 2% PbZn @ last 15cm. Sharp 49.95'	0.45/0.9			49.4		1.5PbZn @ 50.3-51.05', est.							
		-51.05: Bleached bull Ser phy, 4py, 1PE.	4/4.1			53.5									
		-53.5: gray Ser phy, altered-looking.													
		C.A. F_2 = 50° @ 47.1-48.5', 70-75° @ 49, 30° @ 49.7,													
		70° @ 50.2, 60° @ 50.8, 70° @ 51.7, 75-80°													
		to 53.5'. F_1 local, not v. to F_2.													

LOGGED BY _____ D.D.H. Nº 76-A157 PAGE 3 of 8

Interval From	Interval To	DESCRIPTION	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
53.5	57.0	Qtz-Ser Frag (Ss) Bioclast Belt-													
		50% of 3, 0-5 py local, split PZ Lead.	3.5/3.5		53.5	57.0									
		Sericite, bedded ∘													
		C.A. F_2 = 65-70° ∘ F_1 local, F_{2+3}, 2° to F_2.													
57.0	66.4	Qtz-Ser ± Garnet (S) Light banded Gray													
		50-60% qtz, locally 1-3% graphe Thinly bedded,	4.2/4.6		57.0	61.6									
		fissile. Section fractured, many narrow shears generally	1.1/1.5			63.1									
		following foliation planes. Shearing + faulting west	3.3/3.3			66.4									
		sense @ 62.3-62.8' and @ 66.4-66.7'. 20% qtz veining @ 65.4-66.4'.													
		C.A. F_2 = 75-85-35°. F_1 sub-∘ F_2 @ 63-65.4'.													
66.4	72.4	Qtz-Sulph-Ser (Ps) Py PZ													
		Intervals of sulph-rich Qtz-Sulphs plus much less	0.8/1.2		66.4	67.6									
		sulph Qtz-Ser Sulphs. 20 4	0.55	A 515B		70.7	3.1	1.00	0.60	13.03	✓				
		C.A. 60-50-60°. 55 6	1.5	A 516B		72.2	1.5	1.05	0.45	32.23			2.00	Pb2n	
		55 3	1.1	517B		73.6	1.4	2.78	1.10	30.31			3.88	"	
72.4	76.6	Massive Mineralization of Sulphides (M) 55 5	1.5	518B	1.73	73.6 75.1	0.71 1.5	3.18	1.25	30.17			3.43 3.27	" 1.88	3.33 28.26
		Massive, quartz recrystallized + hard. 75 7	1.5	519A		76.6	1.5	4.15	4.30	32.46	✓		6.23	6.45	28.69
		1-3 PZ except @ 71-72', 60 py, 6 PZ. 7 15	0.7	A 520B		77.8	1.2	0.60	0.43	8.23	✓				
		73-73.8, 75 py, 10 PZ. 76-76.5' 70 py, 10 PZ. 0 0	0.12/0.2			78.0	0.2								
		C.A. 50° Compositional banding.		WTAW	767	75.1	1.4	3.09	Pb2n						

LOGGED BY D. Clarke D.D.H. NO TC-157 PAGE 4 of 8

Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
76.6	78.0	QTZ - Ser. Phy (S6) Bleached Bld.													
		Sericitic, highly sheared, pyr. to decreasing from													
		40% @ 76.6 to Nil @ 78.0. C.A. = 75°													
78.0	80.8	QTZ - Ser Phy (S). Fault + Sheared. Mod. Grey													
		20-60% qtz. Sulfide faulted + sheared to Mod.	0.85/1.2		78.0	79.2									
		faults @ 78.6 - 79", 79.4 - 80.6".	0.75/1.6			80.8									
		C.A. 70° except 0-30° adjacent to faults or veins.													
80.8	85.8	QTZ - Ser - Phy (S)													
		60-80% qtz, thinly laminated, mod. fissile. Similar	5/5.0		80.8	85.8									
		phyllites as above sections.													
		C.A. F_2 = 50° to 82.6", 70° to 85", 75° to 85".													
		F_1 = sub-p. to F_2, local.													
85.8	92.7	FAULT and SHEAR ZONE in QTZ - Ser - Phy (S) Light Grey													
		85.8 - 88.7": Fault gouge, breccia, crushed phy	1.5/3.2		85.8	89.0									
		91 - 92.7: Shear, crushed phy with minor gouge.	1.2/1.5			90.5									
		Phyllite striped banded, showing poor to good F_1.	0.75/1.5			92.0									
		C.A. F_2 = 65°	0.35/0.4			92.4									

LOGGED BY F. Elder D.D.H. Nº 76-A157 PAGE 5 of 8

Interval From	Interval To	DESCRIPTION	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
92.4	100.5	Qtz-Ser-Talc Fay (S) Light Grey + Pale Grey.													
		65-70 % qtz, 5% calc decreasing with depth.	3.4/3.6		92.4	96.0									
		Py. Striped banding to 99.5', thereafter faint banding.	1.1/1.5			97.5									
		Stears and faults numerous, mayrad, apprx 0.5" or closer.	0.2/0.6			98.1									
		C.A. To = 60° to 93.7, 85° @ 94.7, 60° @ 95 to 97" to 98.3'.	2.3/2.7			100.5									
100.5	103.5	Qtz - Ser Fay (S) Light Grey													
		55-60 % qtz, minor calc as fracture filling (tension gashes).	2.7/3.0		100.5	103.5									
		Thinly laminated. Much shearing - faulting & gouge.													
		C.A. 75° @ 100.7', 55° @ 101.5, 60° @ 102.5-103.5'.													
103.5	104.6	FAULT													
		Sheared, crushed, gouged. Slightly cemented & healed.	0.6/1.1		103.5	104.6									
104.6	107.7	Sulph Breccia (Mxp)													
		Massive, sulph breccia (1mm-15cm) in qtz-sulph matrix,	2.9	A 52148	104.6	107.7	3.1	0.58	0.45	13.03	✓				
		well cemented. Breccia mainly py, sulph in matrix mainly py.													
		50 Py, 1-2 Pz.													
107.7	108.8	Qtz-Ser-Talc Fay (ST) Off-white													
		45-50 % qtz, 10-15 talc, massive, thick marcasite.	1.1/1.1		107.7	108.8									
		C.A. 70-80°													

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Interval From	Interval To	DESCRIPTION	Py	Pz	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
105.3	119.3	QTZ-SERPH-GARN (Pa)															
		40-50% qtz, 40-55% py, 1graph, few thin	40	0.2	1.35/1.5		108.9	113.3									
		0.5 PZ to 118.4'. Sample No: A5228-A5233. represents	46	0.2	1.45	A 5229 B		118.9	1.6	0.15	0.18	8.23	✓				
		this low PbZn, high py section. Spots chalco.	35	0.2	1.7/2.4			114.3									
		C.A. F_1(?) = 75°@ 109-111', 30°@ 111.4, 40°@ 112.6, 35° 116.4,	45	0.2	1.9/2.2			116.5									
		20°@ 117, 39°@ 118-119.3'.	55	0.3	1.5	A 5231 B		118.0	1.5	0.15	0.20	4.44			0.35	Ptzn	
		118.9-119.3': 40 Py, 12 PB.	50	1	0.5	A 5234 B		118.9	0.9	0.60	0.38	15.09			0.98	"	
			45	32	1.8	5235 B		120.8	1.9	5.46	5.03	92.01			11.32	7.56	138.1
119.3	120.8	MASSIVE SULPHIDES (M, MV)															
		119.3-119.8': 50 py, 15 PZ.				VN. Av.	116.5	118.9	2.4	0.59	Ptzn						
		-120.8: Porous, 40 py, 25 PZ.															
		C.A. 20° (F,?)															
123.8	123.8	QTZ-SERPH-TALC (Pt)							0.0c	1.08	0.92	13					
		Contorted, brecciated from 122.7-123.8'.			2.1	A 5236 B	120.8	123.8	3.0	4.09	4.08	150.7	Likely to tag written, not split.				
		8 py, 3 talc, 2 PB.					(120.8	122.0	1.2)						1.3	1.10	15.6
						VN Av.	113.9	122.0	3.1	4.07	3.44	49.6			12.62	10.66	153.7
123.8	140.3	QTZ-SER PHY (S) Light to Mid Grey.															
		50-55% qtz, splash of py @ 108.7', 10cm of 45py @ 130'.			0.2/0.3		123.8	127.1									
		1mm - 1cm qtz-py banding w/ good F_1 @ 60-90° to F_2.			2.4/3.0			127.1									
		123.8-129.5': highly sheared (60%), generally 11 to.			0.6/1.5			128.6									
		C.A. F_2 = 45°@ 124.2, 40° @ 125.3-129.5', 139.5', 50°@ 130.8-			0.6/0.9			129.5									

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Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		134.5', 60° @ 134.6' (shear-fault @ 135-135.3'), 45° @ 135.5-	5.2/5.2		129.5	134.7									
		140'.	0.5/0.6			135.3									
		137.8 (2½ 138(?)'s Mass. py w/ PZ.	1.7/2.5			137.5									
		(136.3 - 136.5)? : Shear-fault.	0.15/0.6			138.6									
			1.1/1.9			140.3									
140.3	143.2	FAULT in Qtz-Ser Phy.													
		Rock 90% sheared & crushed, gouged @ 140.3 - 140.5',	2.3/2.9		140.3	143.2									
		141.8 - 142.3' and 142.7 - 143'.													
143.2	145.1	Qtz-Ser Phy (S) L - Med-Gray													
		Fs 123.8 - 140.3'	1.7/1.9		143.2	145.1									
		Stears @ 143.6', 144 - 144.2' (gouge + breccia).													
		144.7 - 145.1' (gouge @ 145.1')													
		B.A. Fs = 40°													
145.1	155.4	Qtz - Ser - Calc Phy (Sc) Light-Med. Gray.													
		50-55% qtz, 1-5% calc., variable - sometimes only occur-	6.1/6.1		145.1	151.2									
		ing in fracture filling - 3-5 cm banding w/ locally good Fs.	1.9/3.7			153.9									
		Shearing @ 148.2', 148.7', 150.7'.	1.3/1.5			155.4									
		151.2 - 155.4' : 30% sheared phy w/ gouge noted													
		@ 151.7 & 153.7'.													

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Interval From	Interval To	DESCRIPTION	Recovery	Sample NO	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
~~XXXX~~		C.H. t_2 = 60° @ 145.3, 55° @ 146 - 147.6, t_2 nose @ 147.9, 55° @ 149 - 151' - 155'.													
	155.4	END OF H.B.C.													
		REMARKS:													
		① Cemented hole, 16 bags used.													
		② Lost water return @ 118.9'. Slight re-circulation when water pressure pump operating @ high speed.													

DDH: FAGA157 -- 42 DEGREE PROFILE

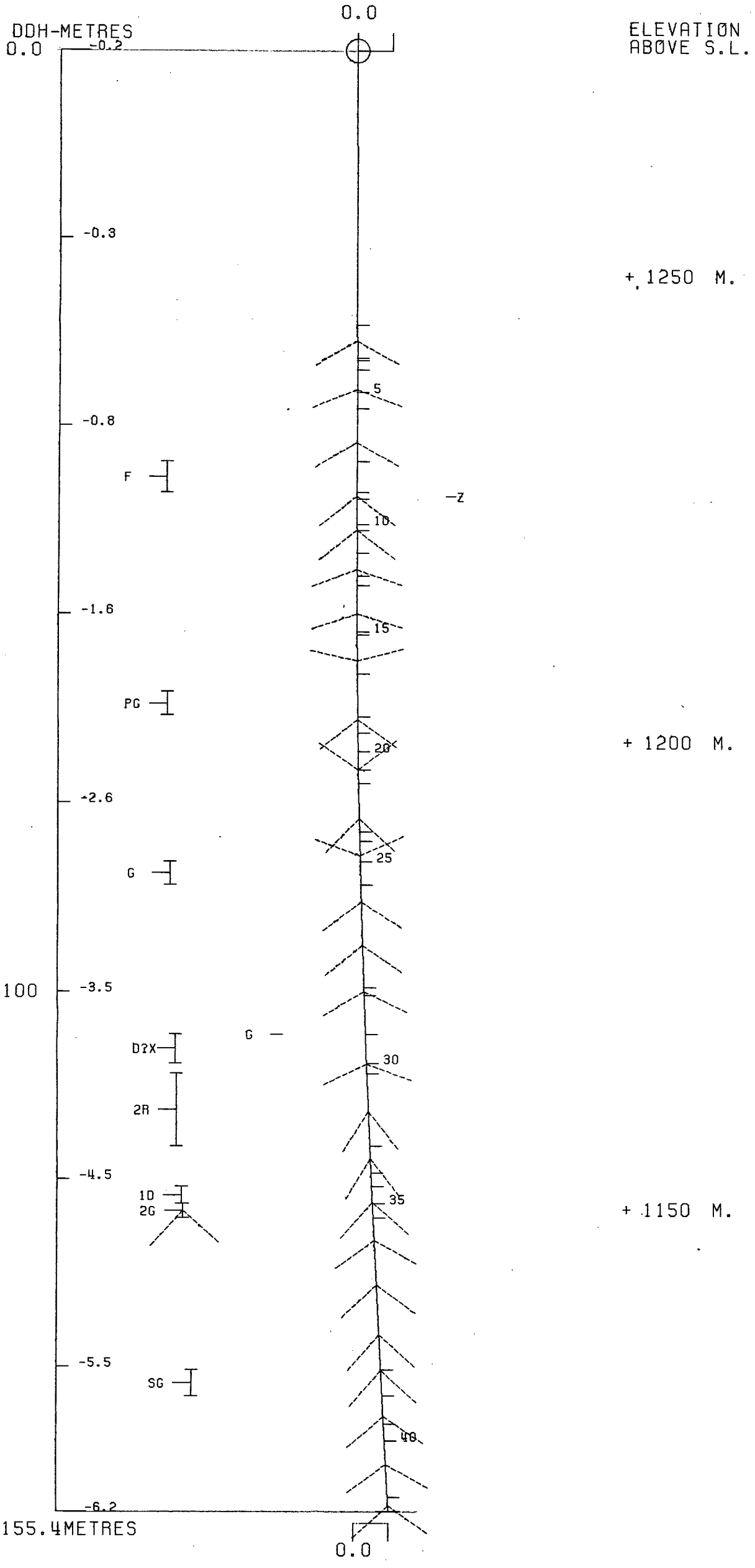
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1274 592378E ; 904716N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 343.5 Z = 1273.9

SECTION NAME: 66W



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DDH: FAGA157 -- 42 DEGREE PROFILE

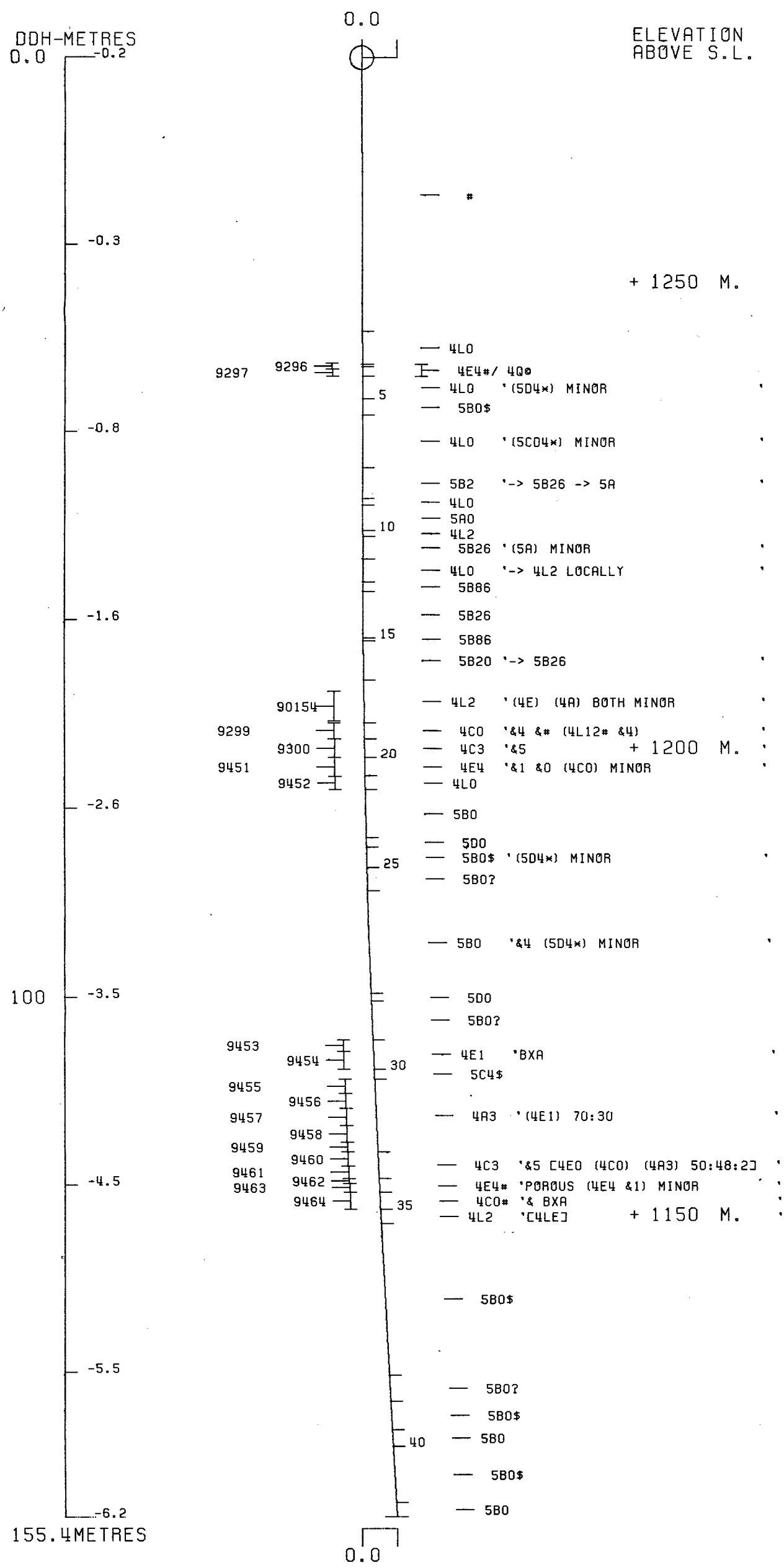
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1274 592378E ; 904716N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 343.5 Z = 1273.9

SECTION NAME: 66W



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 24 MAY 1984 4:12 PM