

015011

Grum

Section

66W

2 of 3

FAGA212

DRILL HOLE : FAGA212  
NORTHING : 904,768.9  
EASTING : 592,446.8  
ELEVATION : 1,276.8  
TOTAL DEPTH : 311.1  
SECTION : W 65  
R.F.E. : S2  
RFE DIRECTION: 230  
PLUNGE ANGLE : 11  
PLUNGE DIRECT: 312  
CHD CALC: 1  
SS CALC: 1

## DETAIL RECORD COUNTS:

NOS CRE-SAMPLES: 52  
NOS DOWN-H-SURVEYS: 10  
NOS DOWN-H-LITHOLOGY: 61  
NOS DOWN-H-STRUCTURE: 58  
NOS DOWN-H-FAULTS: 12  
NOS DOWN-H-SPLINES: 10  
NOS COMPOSITES: 0

LDH: FAGA212

UTM-N: 904,70E.9

UTM-E: 592,44E.8

UTM-ELEV: 1,276.8

TOTAL DEPTH: 1 SS CALC: 1

311.1 SECTION: W 65

RFE: S2 RFE DIR: 230

PLUNGE ANGLES: 11

312 DHC CALC:

---DEPTHS---		SAMPLE NO.	INT.	REC.	ROCK UNIT	S.G. PULP	---ASSAYS---													
FROM	TO						CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AL(FA) G/MT	PO %	PY %	TCT FE	BAO %	HG %	MN %	AS %	BA %
67.1	68.4	05794	1.3	1.3	4G4	4.68	.09	4.4C	8.34	62.00										
68.4	69.7	05795	1.3	1.3	4G4	4.36	.07	4.4C	8.34	62.00										
69.7	71.0	05796	1.3	1.3	4E4	4.70	.11	6.2C	11.85	104.00	.62	1	21	22						
71.0	72.3	05797	1.3	1.3	4G4	4.70	.11	4.7G	8.90	86.00	1.17	1	18	19						
72.3	74.1	05798	1.8	1.8	4C3	3.78	.17	8.0C	14.20	127.00	1.37		19	20						
74.1	74.9	05799	.8	.8	4G4	4.61	.20	5.4C	12.30	134.00	1.58		16	17						
74.9	76.2	05800	1.3	1.3	4D43	3.78	.05	3.5C	7.70	64.00	1.58	1	14	15						
76.2	77.5	05851	1.3	1.3	4C43	4.09	.07	3.9C	19.20	179.00	.82									
77.5	79.1	05852	1.6	1.6	4G4	4.63	.08	7.7C	18.40	141.00	1.44	2	8	10						
79.1	80.8	05853	1.7	1.7	4G4	4.68	.07	4.6C	8.70	99.00	1.37	1	17	18						
80.8	82.8	05854	2.0	2.0	4D0	3.64	.09	4.5G	8.10	98.00	.89		18	18						
82.8	83.7	05855	.9	.9	4E4	4.51	.03	2.30	5.70	44.00	.89		17	17						
83.7	85.6	05856	1.9	1.9	4D4	3.52	.07	6.8C	7.30	114.00	.55		15	16						
85.6	86.3	05857	.7	.7	4G0	4.53	.06	4.2C	9.20	101.00	.88	3	14	17						
86.3	88.7	05858	2.4	2.4	4E4	4.37	.04	2.30	5.80	42.00	.75		15	16						
88.7	90.1	05859	1.4	1.4	4E4	4.22	.17	6.2C	11.10	127.00	.48		16	17						
90.1	91.6	05860	1.5	1.5	4D4	3.78	.04	5.80	11.10	101.00	1.30	1	21	23						
91.6	92.8	05861	1.2	1.2	4A3	3.42	.06	8.8C	13.80	142.00	1.23	1	26	28						
92.8	94.0	05862	1.2	1.2	4A3	3.49	.18	.11	1.09	14.00	.75	2	11	13						
94.0	96.1	05863	2.1	2.1	4E4	4.56	.22	1.44	4.30	32.00	.75	2	20	22						
96.1	97.4	05864	1.3	1.3	4D34	3.90	.23	5.40	11.20	89.00	.75	3	17	21						
97.4	99.4	05865	2.0	2.0	4A0	3.29	.12	5.1C	8.80	86.00	1.58	3	30	33						
99.4	101.4	05866	2.0	2.0	4A0	3.23	.17	1.18	1.80	25.00	1.23	2	19	22						
101.4	103.4	05867	2.0	2.0	4A0	2.91	.13	.17	1.22	13.00	.69	1	16	17						
103.4	106.1	05868	2.7	2.7	4A0	2.69	.12	.09	.50	7.00	.34	1	16	18						
106.1	108.1	05869	2.0	2.0	4A0	3.11	.11	.36	.59	13.00	.27									
108.1	110.1	05870	2.0	2.0	4A0	3.02	.16	.39	1.22	13.00	.27									
110.1	112.2	05871	2.1	2.0	4A0	3.16	.11	.32	.81	12.00	.34									
112.2	114.2	05872	2.0	2.0	4A3	3.60	.14	.24	.75	9.00	.48									
114.2	116.2	05873	2.0	2.0	4A3	3.63	.22	.22	.80	11.00	.34									
116.2	117.9	05874	1.7	1.7	4A3	3.67	.23	.35	.91	11.00	.69									
117.9	120.0	05875	2.1	2.1	4A3	3.34	.22	.39	.62	14.00	.69									
120.0	122.0	05876	2.0	2.0	4A0	3.02	.26	.09	.54	13.00	.62									
122.0	124.0	05877	2.0	2.0	4A0	3.73	.20	.05	.46	7.00	.62									
124.0	127.1	05878	3.1	3.1	4A0	3.10	.30	.11	.75	11.00	.34									
127.1	129.1	05879	2.0	2.0	4C9	3.30	.41	.11	.58	12.00	.34									
129.1	131.1	05880	2.0	2.0	4C9	3.21	.22	.33	1.22	10.00	.21									
131.1	132.1	05881	1.0	1.0	4C9	3.28	.65	.04	.78	12.00	.41									
132.1	134.1	05882	2.0	2.0	4A0	3.19	.83	.04	1.33	12.00	.48									
134.1	136.1	05883	2.0	2.0	4A0	3.42	.76	.05	1.51	12.00	.41									
136.1	138.1	05884	2.0	2.0	4A0	3.05	.43	.17	1.10	10.00	.34									
138.1	139.5	05885	1.4	1.4	4A0	3.00	.53	.03	1.10	9.00	.34									
139.5	140.9	05886	1.4	1.4	4A0	3.19	.12	.08	3.93	7.00	.27									
140.9	142.1	05887	1.2	1.2	4C3	3.43	.24	.06	.57	8.00	.14									
142.1	143.2	05888	1.1	1.1	4C3	3.79	.29	.05	1.06	10.00	.34	2	15	17						
143.2	145.2	05889	2.0	2.0	4E4	4.56	.32	2.0C	2.90	40.00	.48	3	18	21						
145.2	147.2	05890	2.0	2.0	4E4	4.67	.42	1.36	3.80	29.00	1.17	3	26	29						
147.2	149.2	05891	2.0	2.0	4E0	4.75	.28	.90	4.70	20.00	1.23	3	31	35						
149.2	151.2	05892	2.0	2.0	4E4	4.77	.40	.77	2.60	18.00	1.17	3	37	41						
151.2	153.2	05893	2.0	2.0	4E4	4.77	.24	2.40	4.40	35.00	1.23	3	40	44						
153.2	154.7	05894	1.5	1.5	4E0	4.75	.23	3.00	4.89	51.00	1.30	3	38	41						
							.36	.90	1.32	23.00	1.58	3	37	40						
											1.58	2	42	44						

BDH: FAG212 UTM-N: 904,769.9 UTM-E: 592,446.8 UTM-ELEV: 1,276.8 TOTAL DEPTH: 311.1 SECTION: W 65  
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

				-----ASSAYS-----																
DEPTHS	SAMPLE	INT.	REC.	RCCK	S.G.	CU	PE	ZN	AG(AA)	AG(FA)	AU(FA)	PO	PY	TOT	BAO	HG	MN	AS	BA	S.G.
FROM	TO	NO.		UNIT	PULP	%	%	%	G/MT	G/MT	G/MT	%	%	FE	%	%	%	%	%	W.R.
154.7	156.2	05895	1.5	1.5	4E4	4.71	.39	3.50	4.98	59.00					1.30	1	37	39		
WEIGHTED AVERAGE																				
07.1	156.2		89.1	89.0		3.75	.23	2.07	4.52	44.19	5.56	.77	1	13	14					

COH: FAGA212 UTM-N: 904,768.9 UTM-E: 592,446.2 UTM-ELEV: 1,276.8 TOTAL DEPTH: 311.1 SECTION: W 65  
 RFS: 52 RFE DIR: 230 PLUNGE ANGLES: 11 312 CHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
62.200	177.000	42.000
92.700	177.000	40.000
123.100	176.500	63.000
153.600	175.000	67.000
184.100	173.000	61.000
214.600	170.500	72.000
245.100	167.000	76.000
275.500	165.000	75.000
306.000	164.000	75.000

JOB: FAGA212 UTM-N: 904,728.9 UTM-E: 592,446.8 UTM-ELEV: 1,276.8 TOTAL DEPTH: 311.1 SECTION: W 65  
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
56.8	OC01	#		0.5-	1
58.7	OC02	5B6		0.5-	1
59.1	OC03	5B6	?	0.5-	1
60.5	OC04	5B6		0.5-	1
60.9	OC05	5D4		0.5-	1
67.1	OC06	5B6		0.5-	1
69.7	OC07	4G4		0.5-	1
71.0	OC08	4E4	-> 4E41 BXA W/ 4D AND 4L FRAGS	0.5-	1
72.3	OC09	4G4	(4E0) MINCR	0.5-	1
74.1	OC10	4C3		0.5-	1
74.9	OC11	4G4		0.5-	1
77.5	OC12	4D43	[4D0 (4J4)(4E0) 6C:25:15] BXA	0.5-	1
80.8	OC13	4G4	(4E0) MINCR	0.5-	1
82.8	OC14	4D0		0.5-	1
83.7	OC15	4E4	[4E0 (4J4) 6C:40]	0.5-	1
85.6	OC16	4D4	[4D0 (4C0) 7C:30] BXA	0.5-	1
86.3	OC17	4G0		0.5-	1
90.1	OC18	4E4	PCROUS & BXA	0.5-	1
91.0	OC19	4D0	BXA	0.5-	1
91.0	OC20	4E4	(4J4) ?	0.5-	1
94.0	OC21	4A3	[4E0 (4A0) 5C:50]	0.5-	1
96.1	OC22	4E4	& BXA & PORCUS	0.5-	1
97.4	OC23	4D34		0.5-	1
112.2	OC24	4A0	(4E0) MINOR	0.5-	1
120.0	OC25	4A3	[4A0 (4E0) 6C:40]	0.5-	1
127.1	OC26	4AC	83	0.5-	1
132.1	OC27	4C9	83	0.5-	1
140.9	OC28	4A0	83	0.5-	1
143.2	OC29	4C3	BXA [4E0 (4C0) 5C:50]	0.5-	1
151.9	OC30	4EC	84 BXA	0.5-	1
156.2	OC31	4EC	84	0.5-	1
150.7	OC32	4L0		0.5-	1
174.8	OC33	5B6		0.5-	1
177.3	OC34	4L0	(5B6)	0.5-	1
178.8	OC35	5B6		0.5-	1
180.4	OC36	5A0		0.5-	1
183.8	OC37	4LC	(5B6) 70:30	0.5-	1
187.7	OC38	5B6		0.5-	1
196.9	OC39	4L2	(4L24) MINOR	0.5-	1
199.4	OC40	5B6		0.5-	1
203.3	OC41	5A0		0.5-	1
203.9	OC42	5B6		0.5-	1
211.2	OC43	4L2		0.5-	1
215.5	OC44	5A0	(5B26) MINOR	0.5-	1
231.0	OC45	4L2		0.5-	1
232.9	OC46	4A0		0.5-	1
236.5	OC47	4L2	(5B6) 70:30	0.5-	1
237.2	OC48	4AC		0.5-	1
240.5	OC49	4LC		0.5-	1
246.7	OC50	4L6	[3G STR]	0.5-	1
255.8	OC51	4LC	-> 4L2 LOCALLY	0.5-	1

DDH: FAGA212 UTM-N: 904,768.9 UTM-E: 592,446.8 UTM-ELEV: 1,276.8 TOTAL DEPTH: 311.1 SECTION: W 65  
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	INC
264.2	OC52	4L0	[3G STR?]	0.5-	1
273.1	OC53	5B6		0.5-	1
287.1	OC54	5B6	(383) 60:40 ?	0.5-	1
294.0	OC55	4Lc	? [3G STR]	0.5-	1
299.3	OC56	5A0	?	0.5-	1
301.6	OC57	4L0	(504*) MINOR	0.5-	1
302.9	OC58	383	? [5B0]	0.5-	1
303.8	OC59	5D4*	[4L0]	0.5-	1
305.0	OC60	3G4	[1C04] STAUR BIC SCHIST	0.5-	1
311.2	OC61	3G0	[1C0] STAUR BIC SCHIST	0.5-	1

DDH: FAGA212 UTM-N: 904,708.9 UTM-E: 592,446.8 UTM-ELEV: 1,276.8 TOTAL DEPTH: 311.1 SECTION: W 65  
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTY	S0 ANGLE DIRECT	S1 ANGLE DIRECT	S2 ANGLE DIRECT	RFE	CDE	DHDC	SDC	PROCESS	
FAGA212	0.0	57.3	CS2		0	0	0	60	23C	C	1	1	1
FAGA212	50.8	61.1	CS2	M	0	0	0	0	C	C	1	1	1
FAGA212	0.0	64.8	CS2		0	0	0	72	23C	C	1	1	1
FAGA212	61.1	67.1	CS2	Z	0	0	0	0	C	C	1	1	1
FAGA212	0.0	69.4	PS2		0	0	0	56	23C	C	1	1	1
FAGA212	0.0	74.1	PS2		0	0	0	71	23C	C	1	1	1
FAGA212	0.0	79.9	PS2		0	0	0	63	23C	C	1	1	1
FAGA212	67.1	83.7	PS2	P	0	0	0	0	C	C	1	1	1
FAGA212	0.0	91.7	PS2		0	0	0	31	230	C	1	1	1
FAGA212	0.0	97.5	PS2		0	0	0	36	230	C	1	1	1
FAGA212	91.0	100.0	PS2	F	0	0	0	0	C	C	1	1	1
FAGA212	0.0	102.7	CS2		0	0	0	44	23C	C	1	1	1
FAGA212	100.0	107.4	CS2	M	0	0	0	0	C	C	1	1	1
FAGA212	0.0	109.1	CS2		0	0	0	49	230	C	1	1	1
FAGA212	107.4	112.0	CS2	Z	0	0	0	0	C	C	1	1	1
FAGA212	0.0	115.8	PS2		0	0	0	54	230	C	1	1	1
FAGA212	0.0	120.9	PS2		0	0	0	58	230	C	1	1	1
FAGA212	0.0	122.9	PS2	P	0	0	0	0	C	C	1	1	1
FAGA212	122.9	126.5	CS2	Z	0	0	0	0	C	C	1	1	1
FAGA212	0.0	126.5	CS2		0	0	0	54	230	C	1	1	1
FAGA212	0.0	132.6	PS2		0	0	0	53	23C	C	1	1	1
FAGA212	126.5	135.6	PS2	P	0	0	0	0	C	C	1	1	1
FAGA212	0.0	138.0	CS2		0	0	0	36	230	C	1	1	1
FAGA212	135.6	142.1	CS2	Z	0	0	0	0	C	C	1	1	1
FAGA212	0.0	151.9	PS2		0	0	0	67	230	C	1	1	1
FAGA212	151.9	156.2	PS2	P	0	0	0	0	C	C	1	1	1
FAGA212	0.0	156.2	PS2		0	0	0	72	23C	C	1	1	1
FAGA212	0.0	162.4	CS2		0	0	0	45	23C	C	1	1	1
FAGA212	0.0	168.0	CS2		0	0	0	60	23C	C	1	1	1
FAGA212	0.0	171.6	CS2		0	0	0	55	230	C	1	1	1
FAGA212	156.2	176.6	CS2	Z	0	0	0	61	230	C	1	1	1
FAGA212	176.6	180.5	PS2	R	0	0	0	77	230	C	1	1	1
FAGA212	0.0	185.3	CS2		0	0	0	65	230	C	1	1	1
FAGA212	0.0	190.8	CS2		0	0	0	65	230	C	1	1	1
FAGA212	180.5	194.0	CS2	Z	0	0	0	0	C	C	1	1	1
FAGA212	0.0	195.4	CS2		0	0	0	68	230	C	1	1	1
FAGA212	0.0	202.7	CS2		0	0	0	67	230	C	1	1	1
FAGA212	194.0	206.0	PS2	P	0	0	0	0	C	C	1	1	1
FAGA212	206.0	207.8	CS2	Z	0	0	0	0	C	C	1	1	1
FAGA212	0.0	209.0	PS2		0	0	0	68	230	C	1	1	1
FAGA212	0.0	215.7	PS2		0	0	0	68	230	C	1	1	1
FAGA212	0.0	221.7	PS2		0	0	0	67	230	C	1	1	1
FAGA212	0.0	227.7	PS2		0	0	0	65	23C	C	1	1	1
FAGA212	0.0	234.3	PS2		0	0	0	42	23C	C	1	1	1
FAGA212	0.0	240.6	PS2		0	0	0	68	230	C	1	1	1
FAGA212	0.0	246.2	PS2		0	0	0	71	230	C	1	1	1
FAGA212	0.0	252.7	PS2		0	0	0	69	23C	C	1	1	1
FAGA212	0.0	257.0	PS2		0	0	0	57	23C	C	1	1	1
FAGA212	0.0	263.0	PS2		0	0	0	76	23C	C	1	1	1
FAGA212	0.0	269.0	PS2		0	0	0	63	23C	C	1	1	1
FAGA212	0.0	275.1	PS2		0	0	0	63	23C	C	1	1	1

DOWN-HOLE STRUCTURE (DHC20)

DMAR84 GRUM

DDH: FAGA212

UTM-N: 904,768.0  
RFE: S2 RFE DIR:

UTM-E: 592,446.8  
230 FLUNGE ANGLES:

UTM-ELEV: 1,276.8  
11 312 DHC CALC:

TOTAL DEPTH:  
1 SS CALC: 1

311.1 SECTION: W

DDH	F DEPTH	T DEPTH	FEAT	SYTRY	SC	ANGLE DIRECT	S1	ANGLE DIRECT	S2	ANGLE DIRECT	RFE	CDE	DHCC	SDC	PROCESS
FAGA212	0.C	280.6	PS2			C		C	71	230		C	1	1	1
FAGA212	0.C	286.3	PS2			C		C	60	230		C	1	1	1
FAGA212	0.C	291.6	PS2			C		C	65	230		C	1	1	1
FAGA212	0.C	298.6	PS2			C		C	70	230		C	1	1	1
FAGA212	0.C	304.2	PS2			C		C	71	230		C	1	1	1
FAGA212	0.C	309.9	PS2			C		C	73	230		C	1	1	1
FAGA212	207.8	311.2	PS2	P		C		C	0	0		C	1	1	1

DOWN-HOLE FAULTS (CHC20)

CDH: FAGA212 UTM-N: 904,708.9 UTM-E: 592,446.8 UTM-ELEV: 1,276.8 TOTAL DEPTH: 311.1 SECTION: W 65  
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

CDH	F DEPTH	T DEPTH	FEAT	REC	CD	PARLL	UPPER PLANE	INTERNAL PLANE	LOWER PLANE	DFD
FAGA212	58.7	59.1	G							
FAGA212	69.7	71.0	D			0	0	C	C	0
FAGA212	74.9	77.5	D			0	0	C	C	0
FAGA212	80.8	82.8	D?			0	0	C	C	0
FAGA212	83.7	91.0	D			0	0	C	C	0
FAGA212	94.0	96.1	10			0	0	C	C	0
FAGA212	140.9	143.2	20			0	0	C	C	0
FAGA212	143.2	151.9	D			0	0	C	C	0
FAGA212	176.6	177.3	G			0	0	C	C	0
FAGA212	203.9	211.2	1G			0	0	C	C	0
FAGA212	223.3	224.0	G			0	0	C	C	0
FAGA212	294.0	299.3	G			0	0	C	C	0

## CCWR-HOLE SPLINES (OH020)

MARS- GRM

CDM: FAGA212 UTM-N: 904,700.0 UTM-E: 592,446.8 UTM-ELEV: 1,276.8 TOTAL DEPTH: 311.1 SECTION: W 65  
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

CDM	SEGMENT NOS	COND INDICATOR
-----	-------------	----------------

FAGA212	1	2
FAGA212	2	2
FAGA212	3	2
FAGA212	4	2
FAGA212	5	2
FAGA212	6	2
FAGA212	7	2
FAGA212	8	2
FAGA212	9	2
FAGA212	10	1

\*\*THIS REPORT WAS REQUESTED BY: LEEP .GEOLOGY AT: 15:28:40

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 80-A212

Project: GRUM

Location: VANGORDA PLAT

Claim: \_\_\_\_\_

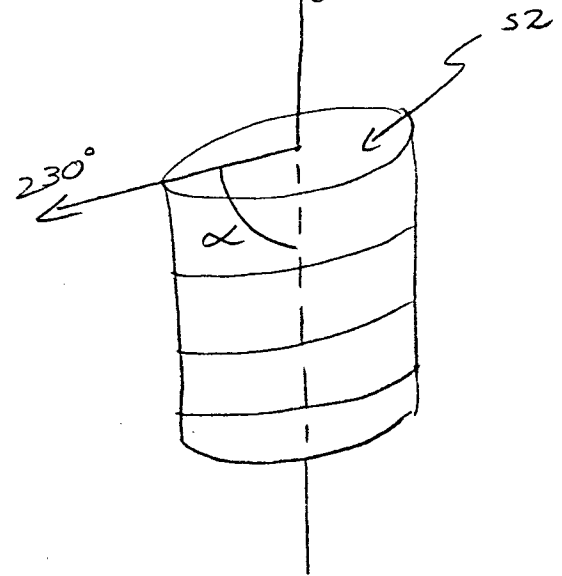
UTM Terr. Plane Co-ords.: 6904768.926 N

CAMC Mine Survey 592446.797 E

Grid Co-ords.: 65.5W/2N

Elevation: 1276.843

Fabric Orientation Diagram:



All symmetry determinations looking

NW with S2 dipping

SW with dip azimuth 230°.

Total Depth: 311.2 m

Purpose: \_\_\_\_\_

Logged by: D.J.H. Date(s) Logged: \_\_\_\_\_

Drilling Contractor: Arctic D.D Core: Size From To Collar Cased and Capped: \_\_\_\_\_


Started: \_\_\_\_\_ Completed: \_\_\_\_\_



Code	From	To	Unit	Code	Description
1	10	14	16	20 22 23 25 27	
L	100	1568	11	#	triconed
L	1568	1597	12	5B16	
L	1587	1591	13	5B16	? grey gouge (fault?)
L	1591	16105	14	5B16	
L	16105	16109	15	5D4	
L	16109	1671	16	5B16	
L	1671	1697	17	4G0	
L	1697	1710	18	4E4	→ 4E4 w/ ~20% 4D frags; minor 4L frags
L	1710	1723	19	4G0	w/ minor 4E
L	1723	1741	10	4D0	~40% total sdes
L	1741	1749	11	4G0	
L	1749	1775	12	4D1	60:25:15 4D0:4J4:4E0; bxia. in 4D
					and 4J
L	1775	1808	13	4G0	w/ minor 4E
L	1808	1828	14	4C0	~25% tot sdes; bxia
L	1828	1837	15	4E1	60:40 4E0:4J4
L	1837	1856	16	4D0	70:30 4D0:4C0; bxia
L	1856	1863	17	4G0	
L	1863	1910	18	4E0	friable; minor 4E4; bxia?
L	1910	1910	19	4D0	bxia.
L	1910	1916	20	4E4	(4J4?)
L	1916	1940	21	4E4	50:50 4E0:4A0
L	1940	1961	22	4E0	some bxia & friable zones
L	1961	1974	23	4D0	~60% tot sdes
L	1974	11122	24	4A0	w/ some 4E bands throughout; ~20% tot sdes
L	11122	11200	25	4A0	60:40 4A0:4E0
L	11200	11271	26	4A0	~20% tot sdes
L	11271	11321	27	4C9	~20% tot sdes
L	11321	11409	28	4A0	~20% tot sdes.
L	11409	11432	29	4E0	some bxia; 50:50 4E0:4C0
L	11432	11519	30	4E0	bxia; 4E frags in a 4E matrix.
L	11519	11562	31	4E0	-some sph/gal rich lams.
L	11562	11567	32	4L0	
L	11567	11748	33	5B16	
L	11748	11773	34	4L0	w/ 40% 5B6; gouge 176.6-177.3
L	11773	11788	35	5B16	



Structural Log

Code	From		To		Feature	SYM	S <sub>1</sub>		S <sub>2</sub>		Description
	10	14	16	20			Dip	Direct.	Dip	Direct.	
	28	32	34	38							
S				1573	CISZ			610	230		M region 56.8-61.1
S				1611	FRM						Z region 61.1-67.1
S				1648	CISZ			72	230		
S				1671	FRZ						R region 67.1-83.7
S				1694	PSZ			56	230		
S				1741	PSZ			71	230		
S				1799	PSZ			63	230		
S				1837	FRR						Bxia zone 83.7-91.0 - no sym, no S2
S				1917	PSZ			31	230		R region 91.0-100.0
S				1975	PSZ			36	230		
S				1000	FRR						M region 100.0-107.4
S				1027	CISZ			44	230		
S				1074	FRM						Z region 107.4-112.0
S				1091	CISZ			49	230		
S				1120	FRZ						R region 112.0-122.9
S				1158	PSZ			54	230		
S				1209	PSZ			58	230		
S				1229	FRR						Z region 122.9-126.5
S				1265	FRZ			54	230		R region 126.5-135.6
S				1326	PSZ			53	230		
S				1356	FRR						Z region 135.6-142.1
S				1380	CISZ			36	230		
S				1421	FRZ						Bxia zone 142.1-151.9 no sym, no S2
S				1519	FRR			67	230		R region 151.9-156.2
S				1562	FRR			72	230		Z region 156.2-176.6
S				1624	CISZ			45	230		
S				1680	CISZ			60	230		
S				1716	CISZ			55	230		
S				1766	FRZ			61	230		R region 176.6-180.5
S				1805	FRR			77	230		Z region 180.5-194.0
S				1853	CISZ			65	230		
S				1908	CISZ			65	230		
S				1940	FRZ						PS2 region, 194.0-206.0



Core No.	From			To			Sample No.	Description		
	10	14	16	20	22	27		Length	Rec	Unit
P	1671			1684			15794	1.3	1.3	4G0
P	1684			1697			15795	1.3	1.3	4G0
P	1697			1710			15796	1.3	1.3	4E4
P	1710			1723			15797	1.3	1.3	4G0
P	1723			1741			15798	1.8	1.8	4D0
P	1741			1749			15799	0.8	0.8	4G0
P	1749			1762			15800	1.3	1.3	4DJ
P	1762			1775			15851	1.3	1.3	4DJ
P	1775			1791			15852	1.6	1.6	4G0
P	1791			1808			15853	1.7	1.7	4G0
P	1808			1828			15854	2.0	2.0	4C0
P	1828			1837			15855	0.9	0.9	4EJ
P	1837			1856			15856	1.9	1.9	4DC
P	1856			1863			15857	0.7	0.7	4G0
P	1863			1887			15858	2.4	2.4	4E0
P	1887			1901			15859	1.4	1.4	4E0
P	1901			1916			15860	1.5	1.5	4DE
P	1916			1928			15861	1.2	1.2	4EA
P	1928			1940			15862	1.2	1.2	4EA
P	1940			1961			15863	2.1	2.1	4E0
P	1961			1974			15864	1.3	1.3	4D0
P	1974			1994			15865	2.0	2.0	4A0
P	1994			11014			15866	2.0	2.0	4A0
P	11014			11034			15867	2.0	2.0	4A0
P	11034			11061			15868	2.7	2.7	4A0
P	11061			11081			15869	2.0	2.0	4A0
P	11081			11101			15870	2.0	2.0	4A0
P	11101			11122			15871	2.0	2.0	4A0
P	11122			11142			15872	2.0	2.0	4AE
P	11142			11162			15873	2.0	2.0	4AE
P	11162			11179			15874	1.7	1.7	4AE
P	11179			11200			15875	2.1	2.1	4AE
P	11200			11220			15876	2.0	2.0	4A0
P	11220			11240			15877	2.0	2.0	4A0
P	11240			11271			15878	3.1	3.1	4A0
P	11271			11291			15879	2.0	2.0	4C9





# DDH: FAGA212 -- 42 DEGREE PROFILE

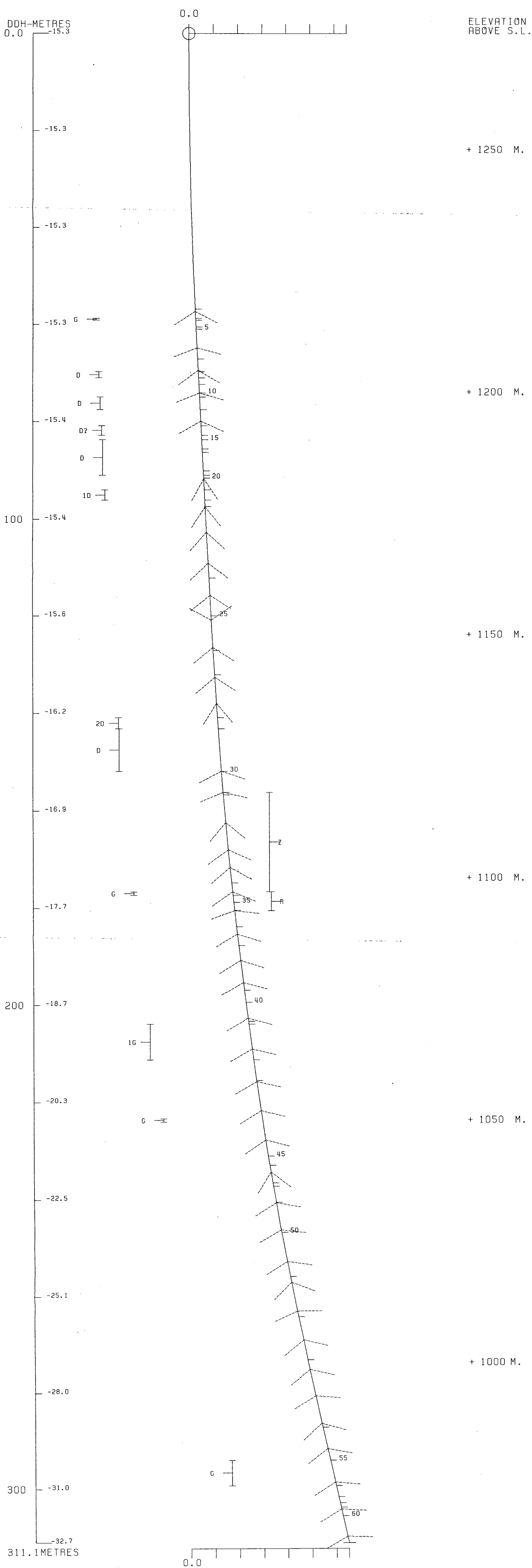
( VIEW AZIMUTH = 312 DEGREES )

ELEV: 1277 592447E ; 904769N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

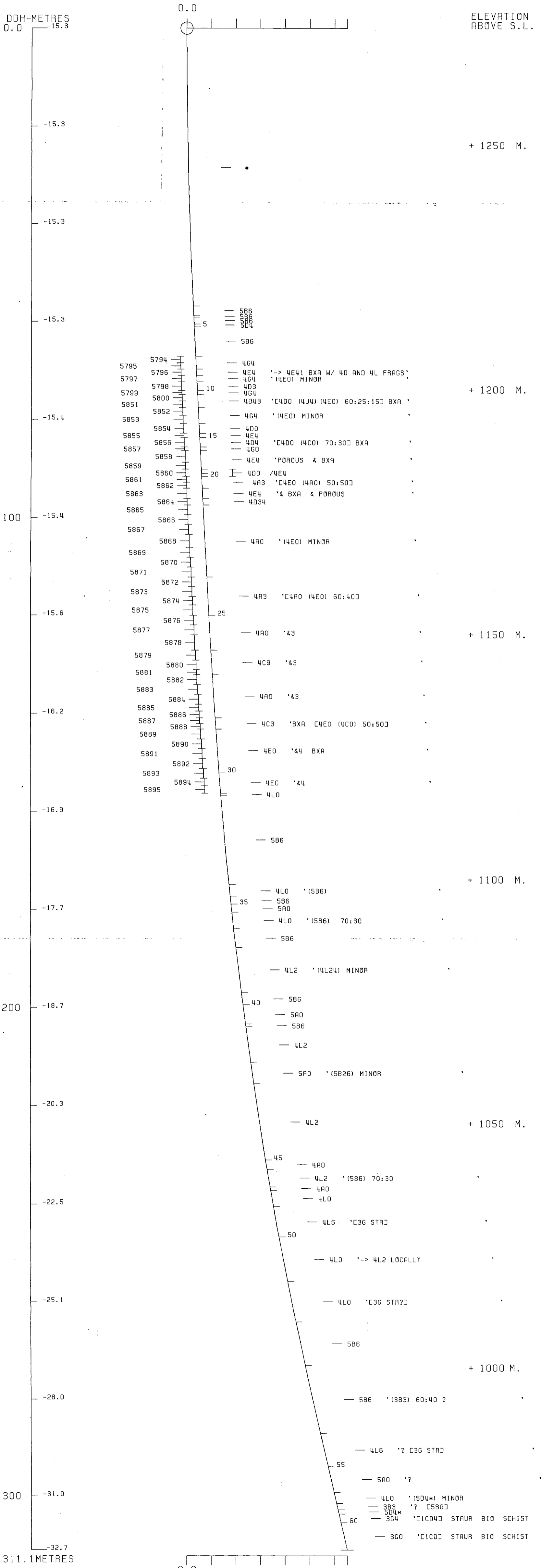
CORRECTED COLLAR POSITION: X = 429.0 Z = 1273.8

SECTION NAME: 66W



DDH: FAGA212 -- 42 DEGREE PROFILE  
 ( VIEW AZIMUTH = 312 DEGREES )

ELEV: 1277 592447E ; 904769N  
 PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0  
 CORRECTED COLLAR POSITION: X = 429.0 Z = 1273.8  
 SECTION NAME: 66W



FAGA213

DRILL HOLE : FAGA213  
NORTHING : 904,755.1  
EASTING : 592,376.7  
ELEVATION : 1,277.0  
TOTAL DEPTH : 307.1  
SECTION : W 67  
R.F.E. : S2  
RFE DIRECTION: 230  
PLUNGE ANGLE : 11  
PLUNGE DIRECT: 312  
DHD CALC: 1  
SS CALC: 1

## DETAIL RECORD COUNTS:

NOS CRE-SAMPLES: 19  
NOS DOWN-H-SURVEYS: 10  
NOS DOWN-H-LITHOLOGY: 56  
NOS DOWN-H-STRUCTURE: 70  
NOS DOWN-H-FAULTS: 11  
NOS DOWN-H-SPLINES: 10  
NOS CCMPCITES: 0



JOB: FAGA213    UTM-N: 904,755.1    UTM-E: 592,376.7    UTM-ELEV: 1,277.0    TOTAL DEPTH: 307.1    SECTION: W 67  
 RFE: S2 RFE CIF: 230 PLUNGE ANGLES: 11 312 OHC CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
53.600	178.000	5.000
84.100	176.000	60.000
114.600	175.000	65.000
145.100	173.000	70.000
177.700	171.500	62.000
208.200	170.000	64.000
238.700	169.000	65.000
269.100	165.500	78.000
302.700	167.500	72.000

## CORRECTION LITHOLOGY (CONT.)

DATE: 1964213 UTM-N: 904,755.1 UTM-E: 592,376.7 UTM-ELEV: 1,277.0 TOTAL DEPTH: 307.1 SECTION: W 67  
 RFE: S2 RFE DIR: 210 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
37.2	OC01	#		0.5-	1
38.0	OC02	4E0	BXA (4LC CLASTS) MINOR	0.5-	1
44.2	OC03	4LC		0.5-	1
47.7	OC04	4E0	(4LO) T.O.I. 70:30	0.5-	1
49.0	OC05	4E0		0.5-	1
49.3	OC06	4LC		0.5-	1
51.4	OC07	4E0		0.5-	1
52.0	OC08	5D4	[4LO]	0.5-	1
53.3	OC09	4C3		0.5-	1
54.9	OC10	4A3		0.5-	1
57.3	OC11	4E4		0.5-	1
58.2	OC12	4A3		0.5-	1
59.2	OC13	4C3		0.5-	1
61.0	OC14	4E4		0.5-	1
64.3	OC15	4L2		0.5-	1
71.3	OC16	5B0		0.5-	1
81.2	OC17	5B6		0.5-	1
82.0	OC18	5B7	-> (5B70) [5B80]	0.5-	1
85.0	OC19	5D0	(5B ) MINOR	0.5-	1
89.3	OC20	5B6		0.5-	1
94.1	OC21	5D0	(5B ) MINOR	0.5-	1
96.0	OC22	5B6		0.5-	1
104.5	OC23	5B6	(5D4) 80:20	0.5-	1
112.8	OC24	5B6	(5A ) (4L ) BCTH MINOR	0.5-	1
115.8	OC25	5A91		0.5-	1
117.1	OC26	4C0	(4LO) 70:30	0.5-	1
119.5	OC27	5A0		0.5-	1
129.9	OC28	5B6	(4L )(4E )(10C0) ALL MINOR	0.5-	1
135.0	OC29	5A0	GOUGE	0.5-	1
155.7	OC30	5B70	[5B80]	0.5-	1
156.1	OC31	5D0		0.5-	1
161.0	OC32	5B70	[5B80] (5B6) MINOR	0.5-	1
162.5	OC33	5D0		0.5-	1
182.9	OC34	5B70	[5B80]	0.5-	1
184.7	OC35	5D0	(5B0) 60:40	0.5-	1
195.0	OC36	5B0	(4L ) MINOR	0.5-	1
195.7	OC37	5D0		0.5-	1
199.0	OC38	550		0.5-	1
203.0	OC39	5B6		0.5-	1
203.5	OC40	4E1		0.5-	1
206.0	OC41	5B6	GOUGE	0.5-	1
234.1	OC42	5B6	SC 32	0.5-	1
235.0	OC43	4LC		0.5-	1
236.9	OC44	5B6		0.5-	1
239.3	OC45	5D6		0.5-	1
242.0	OC46	5B62		0.5-	1
242.3	OC47	4E0	BXA	0.5-	1
246.9	OC48	4EE	(4C0)(5B , 4L ) 40:40:20	0.5-	1
259.1	OC49	5A6		0.5-	1
260.2	OC50	4L0	(4E ) MINOR	0.5-	1
262.2	OC51	4EE1		0.5-	1

LHM: FAGA213 UTM-N: 904,755.1 UTM-E: 592,376.7 UTM-ELEV: 1,277.0 TOTAL DEPTH: 307.1 SECTION: W 67  
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
265.4	OC52	4L3		0.5-	1
265.8	OC53	4AC		0.5-	1
269.7	OC54	4L0		0.5-	1
270.3	OC55	4LC	BXA	0.5-	1
272.0	OC56	4LC		0.5-	1
272.9	OC57	4AC	GOUGE (4L ) MINOR	0.5-	1
273.6	OC58	4AC		0.5-	1
274.7	OC59	4L0	GOUGE	0.5-	1
275.1	OC60	10QC	(4E , 4A CLASTS)	0.5-	1
279.2	OC61	5A1		0.5-	1
281.9	OC62	4AC		0.5-	1
283.7	OC63	4LC		0.5-	1
297.2	OC64	3GC	(3G14) & BIO	0.5-	1
303.9	OC65	4L1	79 & GAR	0.5-	1
307.1	OC66	3GC	& BIO	0.5-	1

CDH: FAGA213 UTM-N: 904,755.1 UTM-E: 592,376.7 UTM-ELEV: 1,277.0 TOTAL DEPTH: 307.1 SECTION: W 67  
 RFE: S2 RFE DIP: 230 PLUNGE ANGLES: 11 312 DHDC CALC: 1 SS CALC: 1

CDH	F DEPTH	T DEPTH	FEAT	SYTRY	SC	ANGLE	DIRECT	S1	ANGLE	DIRECT	S2	ANGLE	DIRECT	RFE	CDH	DHDC	SDC	PROCESS
FAGA213	0.0	38.7	CS2			0	0	0	0	62	230	C	1	1	1	1	1	1
FAGA213	0.0	43.9	CS2			0	0	0	0	60	230	C	1	1	1	1	1	1
FAGA213	33.5	45.2	CS2	M		0	0	0	0	0	0	C	1	1	1	1	1	1
FAGA213	0.0	50.9	PS2			0	0	0	0	69	230	C	1	1	1	1	1	1
FAGA213	0.0	57.3	PS2			0	0	0	0	44	230	C	1	1	1	1	1	1
FAGA213	0.0	63.4	PS2			0	0	0	0	47	230	C	1	1	1	1	1	1
FAGA213	45.2	64.3	PS2	P		0	0	0	0	0	0	C	1	1	1	1	1	1
FAGA213	0.0	68.1	CS2	S		0	0	0	0	65	230	C	1	1	1	1	1	1
FAGA213	64.3	68.1	CS2	S		0	0	0	0	0	0	C	1	1	1	1	1	1
FAGA213	0.0	73.9	PS2			0	0	0	0	69	230	C	1	1	1	1	1	1
FAGA213	63.1	78.9	PS2	P		0	0	0	0	0	0	C	1	1	1	1	1	1
FAGA213	0.0	79.4	CS2			0	0	0	0	52	230	C	1	1	1	1	1	1
FAGA213	0.0	85.0	CS2			0	0	0	0	75	230	C	1	1	1	1	1	1
FAGA213	0.0	89.2	CS2			0	0	0	0	70	230	C	1	1	1	1	1	1
FAGA213	0.0	94.7	CS2			0	0	0	0	82	230	C	1	1	1	1	1	1
FAGA213	0.0	97.1	CS2			0	0	0	0	77	230	C	1	1	1	1	1	1
FAGA213	0.0	104.5	CS2	S		0	0	0	0	60	230	C	1	1	1	1	1	1
FAGA213	78.8	104.5	CS2	S		0	0	0	0	0	0	C	1	1	1	1	1	1
FAGA213	0.0	109.5	PS2			0	0	0	0	72	230	C	1	1	1	1	1	1
FAGA213	0.0	115.2	PS2	P		0	0	0	0	55	230	C	1	1	1	1	1	1
FAGA213	104.5	115.2	PS2	P		0	0	0	0	0	0	C	1	1	1	1	1	1
FAGA213	115.2	118.1	CS2	S		0	0	0	0	0	0	C	1	1	1	1	1	1
FAGA213	0.0	119.9	CS2			0	0	0	0	50	230	C	1	1	1	1	1	1
FAGA213	0.0	125.0	CS2	Z		0	0	0	0	69	230	C	1	1	1	1	1	1
FAGA213	118.1	125.0	CS2	Z		0	0	0	0	0	0	C	1	1	1	1	1	1
FAGA213	0.0	129.4	PS2			0	0	0	0	74	230	C	1	1	1	1	1	1
FAGA213	0.0	141.1	PS2	P		0	0	0	0	42	230	C	1	1	1	1	1	1
FAGA213	125.0	141.1	PS2	P		0	0	0	0	0	0	C	1	1	1	1	1	1
FAGA213	0.0	148.0	CS2			0	0	0	0	43	230	C	1	1	1	1	1	1
FAGA213	0.0	154.1	CS2			0	0	0	0	40	230	C	1	1	1	1	1	1
FAGA213	0.0	160.5	CS2			0	0	0	0	42	230	C	1	1	1	1	1	1
FAGA213	0.0	166.1	CS2			0	0	0	0	52	230	C	1	1	1	1	1	1
FAGA213	141.1	169.9	CS2	Z		0	0	0	0	0	0	C	1	1	1	1	1	1
FAGA213	0.0	171.9	CS2			0	0	0	0	44	230	C	1	1	1	1	1	1
FAGA213	0.0	178.3	CS2			0	0	0	0	51	230	C	1	1	1	1	1	1
FAGA213	169.9	180.1	CS2	S		0	0	0	0	0	0	C	1	1	1	1	1	1
FAGA213	0.0	184.3	CS2			0	0	0	0	44	230	C	1	1	1	1	1	1
FAGA213	180.1	185.5	CS2	Z		0	0	0	0	0	0	C	1	1	1	1	1	1
FAGA213	0.0	191.0	CS2			0	0	0	0	47	230	C	1	1	1	1	1	1
FAGA213	0.0	196.4	CS2			0	0	0	0	52	230	C	1	1	1	1	1	1
FAGA213	0.0	199.9	CS2			0	0	0	0	47	230	C	1	1	1	1	1	1
FAGA213	185.5	205.2	CS2	S		0	0	0	0	0	0	C	1	1	1	1	1	1
FAGA213	0.0	206.7	CS2			0	0	0	0	55	230	C	1	1	1	1	1	1
FAGA213	0.0	212.5	CS2			0	0	0	0	35	230	C	1	1	1	1	1	1
FAGA213	0.0	216.0	CS2			0	0	0	0	46	230	C	1	1	1	1	1	1
FAGA213	0.0	221.0	CS2			0	0	0	0	39	230	C	1	1	1	1	1	1
FAGA213	0.0	227.3	CS2			0	0	0	0	60	230	C	1	1	1	1	1	1
FAGA213	0.0	233.4	CS2	Z		0	0	0	0	51	230	C	1	1	1	1	1	1
FAGA213	205.2	233.4	CS2	Z		0	0	0	0	0	0	C	1	1	1	1	1	1
FAGA213	0.0	236.5	CS2			0	0	0	0	62	230	C	1	1	1	1	1	1
FAGA213	236.5	239.5	CS2	Z		0	0	0	0	0	0	C	1	1	1	1	1	1

DOWN-HOLE STRUCTURE (DHC20)

LOG: FAGA213 UTM-N: 904,755.1 UTM-E: 592,376.7 UTM-ELEV: 1,277.0 TOTAL DEPTH: 307.1 SECTION: W 67  
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

LOG	F DEPTH	T DEPTH	FEAT	SYMTY	SC	ANGLE DIRECT	S1	ANGLE DIRECT	S2	ANGLE DIRECT	RFE	CDE	DHDC	SDC	PROCESS
FAGA213	0.0	246.5	PS2												
FAGA213	0.0	252.7	PS2	P					52	230	C		1	1	1
FAGA213	239.5	252.7	PS2	P					82	230	C		1	1	1
FAGA213	0.0	259.1	CS2	S					0	C	C		1	1	1
FAGA213	252.7	259.1	CS2	S					63	230	C		1	1	1
FAGA213	259.1	262.2	PS2	P					0	C	C		1	1	1
FAGA213	0.0	264.3	PS2						0	C	C		1	1	1
FAGA213	0.0	270.5	PS2						70	230	C		1	1	1
FAGA213	262.2	273.6	PS2	P					67	230	C		1	1	1
FAGA213	0.0	276.0	PS2						0	C	C		1	1	1
FAGA213	0.0	282.0	PS2	P					70	230	C		1	1	1
FAGA213	273.6	282.0	PS2	P					76	230	C		1	1	1
FAGA213	0.0	287.9	PS2						0	C	C		1	1	1
FAGA213	282.0	289.4	PS2	P					78	230	C		1	1	1
FAGA213	289.4	291.6	CS2	Z					0	C	C		1	1	1
FAGA213	0.0	293.4	PS2						C	C	C		1	1	1
FAGA213	0.0	299.2	PS2						75	230	C		1	1	1
FAGA213	0.0	307.1	PS2						72	230	C		1	1	1
FAGA213	291.6	307.1	PS2	P					65	230	C		1	1	1
									0	0	C		1	1	1

DOWN-HOLE FACILITY (DHF220)

CDH: FAGA213    UTM-N: 904,755.1    UTM-E: 592,376.7    UTM-ELEV: 1,277.0    TOTAL DEPTH: 307.1    SECTION: W 67  
 RFE: S2    RFE DIR: 230    PLUNGE ANGLES: 11    312 DHD CALC: 1    SS CALC: 1

CDH	F DEPTH	T DEPTH	FEAT REC CD	PARLL	UPPER PLANE	INTERNAL PLANE	LOWER PLANE	DHD
FAGA213	37.2	38.6	XD?		0	0	C	1
FAGA213	41.3	42.1	GC?		C	0	C	1
FAGA213	52.6	53.3	G		C	0	C	1
FAGA213	129.9	135.6	GF		C	0	C	1
FAGA213	203.5	206.6	GP		0	0	C	1
FAGA213	242.0	242.3	XD?		0	0	C	1
FAGA213	269.7	270.3	X		0	0	C	1
FAGA213	272.0	272.9	2G		C	0	C	1
FAGA213	273.6	274.7	G		0	0	C	1
FAGA213	274.7	275.1	QX		0	0	C	1
FAGA213	279.2	281.2	XD?		0	0	C	1

DOWN-HOLE SPLINES (CH000)

D.H: FAGA213    UTM-N: 904,755.1    UTM-E: 592,376.7    UTM-ELEV: 1,277.0    TOTAL DEPTH: 307.1    SECTION: W    67  
 RFE: S2    RFE DIR: 230    PLUNGE ANGLES: 11    312    DHC CALC: 1    SS CALC: 1

D.H	SEGMENT NOS	COND INDICATOR
FAGA213	1	2
FAGA213	2	2
FAGA213	3	2
FAGA213	4	2
FAGA213	5	2
FAGA213	6	2
FAGA213	7	2
FAGA213	8	2
FAGA213	9	2
FAGA213	10	1

CYPRUS ANVIL MINING CORPORATION

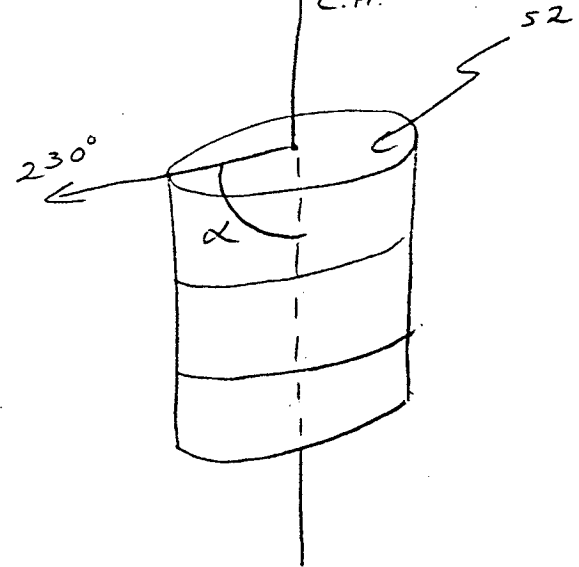
DIAMOND DRILL CORE LOG

Hole Number: 80-A 213

Fabric Orientation Diagram:  
C.A.

Project: GRUM

Location: VANGORDA PLAT.



Claim: \_\_\_\_\_

UTM Terr. Plane Co-ords.: 6904755.125 N

CAMC Mine Survey Grid Co-ords.: 592376.740 E

Grid Co-ords.: 67W / BL

Elevation: 1277.025

All symmetry determinations looking

NU with 52 dipping

SW with dip azimuth 230°

Total Depth: 307.1 m

Purpose: \_\_\_\_\_

Logged by: DTH Date(s) Logged: \_\_\_\_\_

Drilling Contractor: Arctic D.D. Core: Size From To Collar Cased and Capped: \_\_\_\_\_

Started: \_\_\_\_\_ Completed: \_\_\_\_\_



Code	From		To		Unit		Code	Description
	10	14	16	20	22	23		
L	100		1372		11		11	# fricmed
L	1372		1386		12	4E0		bxia w/ sdc frags and matrix; minor 4L frags
L	1386		1448		13	4L0		mud 41.8 - 42.1
L	1448		1477		14	4EL		70:30 4E0:4L0 (transition 4L→4E)
L	1477		1490		15	4E0 <sup>4</sup>		w/ occ. lams rich in sph/gal.
L	1490		1493		16	4L0		
L	1493		1514		17	4E0 <sup>4</sup>		cf. unit 5; some remob. gal./sph.
L	1514		1526		18	4L0		w/ minor mariposite (SD4?)
L	1526		1533		19	4D0 <sup>3</sup>		~60% tot. sdes; clay gouge // C.A.
L	1533		1549		10	4A0 <sup>0</sup>		
L	1549		1573		11	4E0 <sup>4</sup>		→ 4E4 locally
L	1573		1582		12	4A0 <sup>3</sup>		
L	1582		1592		13	4D0 <sup>3</sup>		some sph. remob into fractures.
L	1592		1616		14	4E0 <sup>4</sup>		
L	1616		1643		15	4L12		
L	1643		1713		16	5B0		
L	1713		1812		17	5B6		
L	1812		1826		18	5B7		→ 5B73
L	1826		1886		19	5D3		w/ minor 5B
L	1886		1893		20	5B6		
L	1893		1941		21	5D3		w/ minor 5B
L	1941		1966		22	5B6		
L	1966		11045		23	5BD		80:20 5B6 (weakly alt'd): 5D4
L	11045		11128		24	5B6		w/ minor 5A and 4L
L	11128		11158		25	5A9		minor sph/gal/py; → 5A91
L	11158		11171		26	4DL		70:30 4D0:4L0
L	11171		11195		27	5A0		
L	11195		11299		28	5B6		w/ ab. qt.-carb. veinlets; minor 4L and 4E and 0Q0
L	11299		11356		29	5A0		?; black gouge (fault?)
L	11356		11557		30	5B7		→ 5B73
L	11557		11561		31	5D3		
L	11561		11610		32	5B7		→ 5B73 w/ minor 5B6
L	11610		11625		33	5D3		
L	11625		11829		34	5B7		→ 5B73

Core	From	To	Unit	Code	Description
1	10 14 16 20 22 23 25 27				
L	11829	118147	355	5DB	60:40 5D3:5B0
L	118147	11950	365	5B0	w/ minor 4L
L	11950	11957	375	5D3	
L	11957	11990	385	5B0	
L	11990	12030	395	5B6	
L	12030	1203540	4E1		~20% siliceous bands.
L	12035	1206641	5B6		? gouge & lost core (fault?)
L	12066	12341	425	5B6	→ 5B0 locally; some dark grey → black carb. striping.
L	12341	12356	434	4L0	
L	12356	1238944	5B6		
L	12389	1239345	5D6		
L	12393	12420	465	5B6	→ 5B62
L	12420	1242347	4E10		bxia
L	12423	1246948	4E10		40:40:20 4E8:4C0:5B/4L
L	12469	1259149	5A16		
L	12591	1260250	4L0		minor 4E
L	12602	12612251	4E8		→ 4E81 (minor BaSO <sub>4</sub> ?)
L	12612	12615452	4L13		
L	12615	12615853	4A10		v. minor sdes.
L	12615	12619754	4L0		
L	12619	12710355	4L0		? light grey frags and bxia (fault?)
L	12710	12712056	4L0		
L	12712	12712956	4A0		? 50% gouge; minor 4L
L	12712	12713857	4A0		
L	12713	1274758	4L0		70% gouge
L	12747	1275159	4EA		complex bxia w/ 4EA frags in a qtz-carb matrix.
L	12751	1279260	5A1		
L	12792	12811961	4A0		~40% bxia; minor 5A
L	12811	1288762	4L0		
L	12887	1297263	360		→ 3614; ± bio; weakly alt. (ser.+SiO <sub>2</sub> )
L	12972	1303964	4L1		→ 4L179; ± pink garnets
L	13039	1307165	360		weakly altered? (ser.); ± bio
	111	1E04			
	111				

Code	From		To		Feature	E of S <sub>1</sub>	S <sub>1</sub>		S <sub>2</sub>		Description
	10	14 16	20	22 24 26			28	Dip	Direct.	Dip	
											0/B 0-37.2 m
											Bxia 37.2-38.5; no sym, no S <sub>2</sub>
					387	CS12			62	230	M region 38.5-45.2
					439	CS12			60	230	
					452	FRM					R region 45.2-64.3
					509	PS12			69	230	
					573	PS12			44	230	
					634	PS12			47	230	
					643	FR2					S region 64.3-68.1 ✓
					681	FR2S			65	230	PS2 region 68.1-78.8
					738	PS12			69	230	
					788	FR2P					S region 68.1-104.5 ✓
					794	CS12			52	230	
					850	CS12			75	230	
					892	CS12			70	230	
					947	CS12			82	230	
					971	CS12			77	230	
					1045	FR2S			60	230	PS2 region 104.5-115.2 ✓
					1095	PS12			72	230	
					1152	FR2P			55	230	S region 115.2-118.1 ✓
					1181	FR2E					Z region 118.1-125.0 ✓
					1198	CS12			50	230	
					1250	FR2Z			69	230	PS2 region 125.0-141.1 ✓
					1294	PS12			74	230	
					1411	FR2P			42	230	Z region 141.1-169.9
					1480	CS12			43	230	
					1541	CS12			40	230	
					1605	CS12			42	230	
					1661	CS12			52	230	
					1699	FR23					S region 169.9-180.1
					1719	CS12			44	230	
					1783	CS12			51	230	
					1801	FR2E					Z region 180.1-185.5
					1843	CS12			44	230	
					1855	FR23					S region 185.5-205.2

Code	From		To		Feature	E Dip	S <sub>1</sub> Dip Direct.		S <sub>2</sub> Dip Direct.		Description
	10	14	16	20			22	24	26	28	
S				1191	0	CS			47	230	
S				1196	4	CS			52	230	
S				1199	9	CS			47	230	
S				205	2	FZ	E				Z region 205.2 - 233.4 ✓
S				206	7	CS			55	230	
S				212	5	CS			35	230	
S				216	0	CS			46	230	
S				221	0	CS			39	230	
S				227	3	CS			60	230	
S				233	4	FZ	Z		51	230	
											fault zone 233.4 - 236.5 -no sym, no S2
S				236	5	CS			62	230	Z region 236.5 - 239.5
S				239	5	FZ	Z				R region 239.5 - 252.7 ✓
S				246	5	PS			58	230	
S				252	7	FZ	R		82	230	S region 252.7 - 259.1 ✓
S				259	1	FZ	S		63	230	R region 259.1 - 262.2
S				262	2	FZ	R				PS2 region 262.2 - 273.6
S				264	3	PS			70	230	
S				270	5	PS			67	230	
S				273	6	FZ	P				R region 273.6 - 282.0 ✓
S				276	0	PS			70	230	
S				282	0	FZ	R		76	230	PS2 region 282.0 - 289.4
S				287	9	PS			78	230	
S				289	4	FZ	P				Z region 289.4 - 291.6
S				291	6	FZ	Z				PS2 region 291.6 - 307.1 ✓
S				291	3	PS			75	230	
S				299	2	PS			72	230	
S				307	1	PS			65	230	
						FZ	H				

Geochemical Log (Sampler's Copy)

Code	From			To			Sample No.	Description		
	10	14	16	20	22	27		Length	Rec.	Unit
P	137	2	138	6	589	16	1.4	1.4	4E0	
P	144	8	147	7	589	17	2.9	2.9	4EL	
P	147	7	149	0	589	18	1.3	1.3	4EØ4	
P	149	3	151	4	589	19	2.1	2.1	4EØ4	
P	151	2	151	3	591	00	0.7	0.7	4DØ <sup>U</sup>	
P	151	3	151	9	591	01	1.6	1.6	4AØ0	
P	151	9	156	1	591	02	1.2	1.2	4EØ4	
P	156	1	157	3	591	03	1.2	1.2	4EØ4	
P	157	3	158	2	591	04	0.9	0.9	4A0	
P	158	2	159	2	591	05	1.0	1.0	4D0	
P	159	2	161	6	591	06	2.4	2.4	4EØ4	
P	161	6	161	3	591	07	1.5	1.5	4L2	
P	161	3	164	3	591	08	1.2	1.2	4L2	
P	161	5	161	7	591	09	1.3	1.3	4DL	
P	203	0	203	5			0.5		4ET	
P	214	20	214	69	591	10	4.9	2.0	4EC	
P	216	02	216	22	591	11	2.0	2.0	4E8	
P	217	20	217	36	591	12	1.6	1.6	4A0	
P	217	92	218	19	591	13	2.7	2.7	4A0	
P	218	19	218	31	591	14	1.2	1.2	4LØ0	



# DDH: FAGA213 -- 42 DEGREE PROFILE

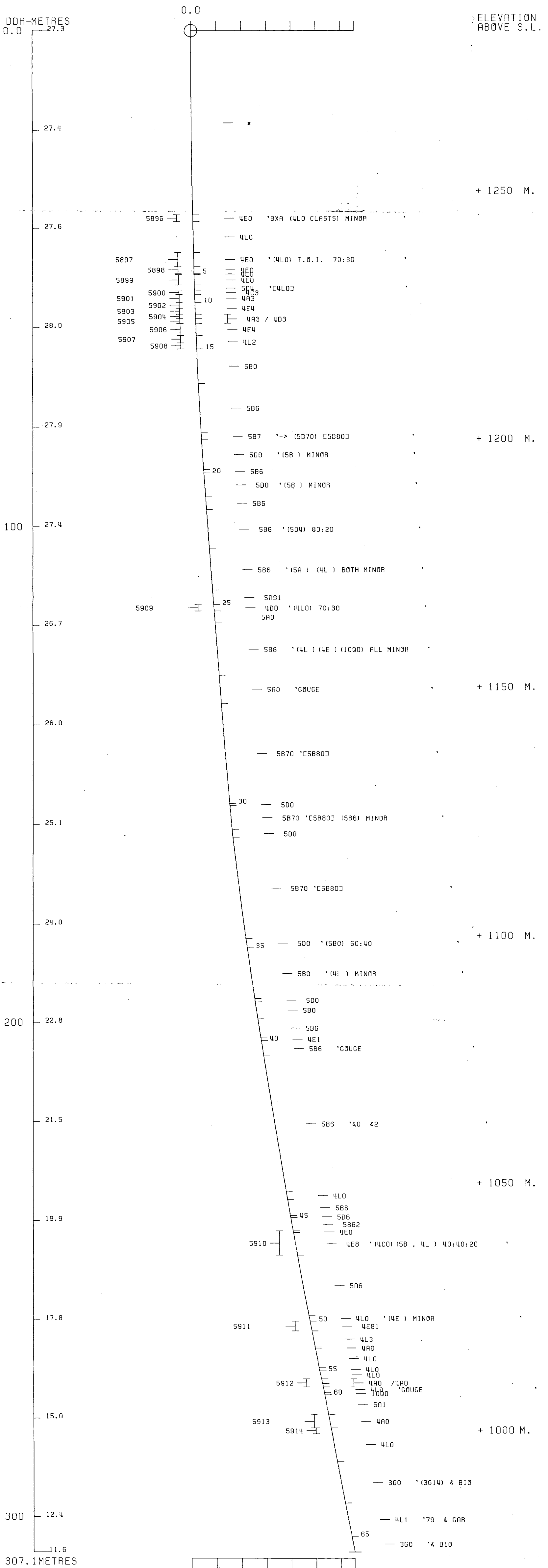
( VIEW AZIMUTH = 312 DEGREES )

ELEV:1277 592377E ; 904755N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 371.9 Z = 1282.3

SECTION NAME: 66W



# DDH: FAGA213 -- 42 DEGREE PROFILE

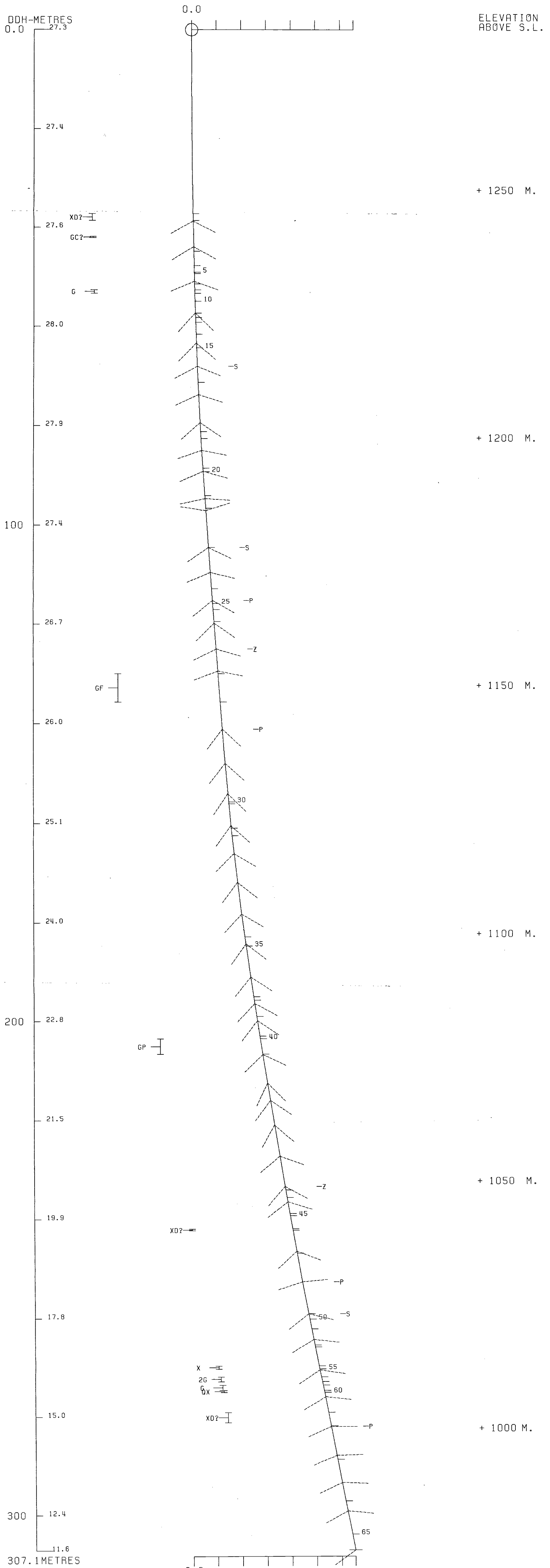
( VIEW AZIMUTH = 312 DEGREES )

ELEV: 1277 592377E ; 904755N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 371.9 Z = 1282.3

SECTION NAME: 66W



DEH	SAMPLE	---DEPTHS---		INT	REC	ROCK	S.G.	CU	PB	ZN	AG	AU	PO	PY	BAC	PS+ZN	PC+PY	ZN
		FROM	TO	M	%	UNIT		%	%	%	G/MT	G/MT	%	%	%	%	%	RATIO
FAGA241	14697	150.6	151.9	1.2	100	3G91		.12	.09	.20	7.0					.29		.69
	14698	151.2	152.9	1.1	100	3G91		.08	.06	.08	3.0					.14		.57
	14699	152.9	153.9	1.0	100	4AE4	3.09	.02	2.16	4.01	34.0	.62	1.76	3.34		6.17	5.10	.65
	14700	157.0	157.9	.9	100	4E46#	4.62	.16	3.09	3.64	44.0	.62	2.33	12.90		6.73	15.23	.54
	14701	157.9	159.9	2.0	100	4G4#	4.68	.19	8.00	8.20	98.0	.62	4.01	32.30		16.20	36.31	.51
	14702	159.9	161.9	1.9	100	4E4#	4.73	.16	7.20	8.10	100.0	.55	2.16	20.40		15.30	22.56	.53

DC#	SAMPLE	ROCK UNIT	CPY	NORMATIVE MINERALS - WEIGHT %						*	CPY	NORMATIVE MINERALS - VOLUME %								
				GA	SP	PC	PY	BAR	OTHER			GA	SP	PC	PY	BAR	OTHER			
FAGA241	14697	3G91	.35	.10	.30					99.25	*									
	14698	3G91	.23	.07	.12					99.58	*									
	14699	4AE4	.06	2.49	5.98	2.77	7.18			81.52	*	.04	.99	4.46	1.80	4.29				88.43
	14700	4E46H	.46	3.57	5.43	3.66	27.74			59.14	*	.37	1.60	4.55	2.67	18.62				72.18
	14701	4G4H	.55	9.24	12.22	6.31	69.46			2.22	*	.64	6.01	14.92	6.69	67.80				3.94
	14702	4E4H	.46	8.32	12.08	3.40	43.87			31.38	*	.43	4.37	11.91	2.91	34.62				45.74

DRILL HOLE : FAGA241  
NORTHING : 904,846.8  
EASTING : 592,497.7  
ELEVATION : 1,284.8  
TOTAL DEPTH : 161.8  
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: 6  
NOS DOWN-H-SURVEYS: 4  
NOS DOWN-H-LITHOLOGY: 43  
NOS DOWN-H-STRUCTURE: 22  
NOS DOWN-H-FAULTS: 51  
NOS DOWN-H-SPLINES: 4  
NOS COMPOSITES: 0

DDH: FAGA241 UTM-N: 904,846.8 UTM-E: 592,497.7 UTM-ELEV: 1,284.8 TOTAL DEPTH: 161.8 SECTION: W 66  
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

---DEPTHS---				-----ASSAYS-----																	
FRM	TO	SAMPLE NO.	INT. REC.	ROCK UNIT	S.G. PULP	CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AC(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.	
150.6	151.8	14697	1.2	1.2	3G91	.12	.09	.20	7.00												
151.8	152.9	14698	1.1	1.1	3G91	.08	.06	.08	3.00												
152.9	153.9	14699	1.0	1.0	4AE4	3.09	.02	2.16	4.01	34.00		.62	1	3	5						
157.0	157.9	14700	.9	.9	4E46	4.62	.16	3.09	3.64	44.00		.62	2	12	15						
157.9	159.9	14701	2.0	2.0	4G4#	4.68	.19	8.00	8.20	98.00		.62	4	32	36						
159.9	161.8	14702	1.9	1.9	4E4#	4.73	.16	7.20	8.10	100.00		.55	2	20	22						
WEIGHTED AVERAGE																					
150.6	153.9		3.3	3.3		.93	.07	.70	1.31	13.84		.18	1	1							
157.0	161.8		4.8	4.8		4.68	.17	6.76	7.30	88.66		.59	2	23	26						

02APR84 GRUM

DOWN-HOLE SURVEYS (DHO20)

PAGE: 11

DDH: FAGA241 UTM-N: 904,846.8 UTM-E: 592,497.7 UTM-ELEV: 1,284.8 TOTAL DEPTH: 161.8 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
48.800	174.000	340.000
94.500	175.000	16.000
155.400	171.500	61.000

DDH: FAGA241 UTM-N: 904,846.8 UTM-E: 592,497.7 UTM-ELEV: 1,284.8 TOTAL DEPTH: 161.8 SECTION: W 66  
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
36.6	0001	#		0.5-	1
42.7	0002	*	TRICONED	0.5-	1
44.8	0003	3B4\$	(3G4) 70:30	0.5-	1
48.7	0004	3G4	STRINGERED	0.5-	1
49.6	0005	4A0	BXA	0.5-	1
52.4	0006	3G4	89 -> 4LO AFTER 3G SST. LAMS.	0.5-	1
52.6	0007	3B*4		0.5-	1
53.0	0008	4A0	-> 5A19	0.5-	1
53.4	0009	4L12	AFTER 3G STR.	0.5-	1
58.7	0010	3G9	(3G4) -> 4LO	0.5-	1
60.8	0011	4L6	81 85 84	0.5-	1
61.8	0012	3G0	89 84	0.5-	1
62.9	0013	3B4*	BIO	0.5-	1
69.7	0014	3G0	89 84 STRING.	0.5-	1
70.0	0015	3B3	BIO	0.5-	1
74.6	0016	3G0	89 84 (3B3 BIO) - STR.	0.5-	1
76.6	0017	3G4	-> 4LO STR.	0.5-	1
81.1	0018	3G0	STR. -> 3G4 LOCALLY	0.5-	1
81.5	0019	3G4	(10Q*) 70:30	0.5-	1
82.6	0020	3G0	84 89	0.5-	1
82.9	0021	3G4	-> 4LO BIO. - STR.	0.5-	1
85.1	0022	3G0	89 (10Q0 &*) 90:10	0.5-	1
100.5	0023	3G9	-> 3G0 89 (10Q0 &*) 90:10	0.5-	1
100.8	0024	4L0	AFTER 3G STR.	0.5-	1
101.3	0025	3G4	STR.	0.5-	1
103.7	0026	4L0	(3B4*)	0.5-	1
107.6	0027	3G0	84 (3B4*) (3B3*) 15% 3B	0.5-	1
112.4	0028	3G4	88 86 & STR. (3B* 84 83 BIO)	0.5-	1
122.1	0029	3G0	& STR.	0.5-	1
127.6	0030	4L0	82 -> 3G4 (3B* BIO)	0.5-	1
131.5	0031	3G0	-> 3G4 LOCALLY	0.5-	1
136.1	0032	3B4*	(4LO)	0.5-	1
137.0	0033	3G4	STR.	0.5-	1
150.6	0034	3G0	89 MINOR STR. -> 3G4 LOCALLY	0.5-	1
152.9	0035	3G91	6 8* -> (4A0) (3B*)	0.5-	1
153.9	0036	4A4	(4E1\$) (4E46\$) (4Q\$)	0.5-	1
154.4	0037	5A6	(5D4*) (4D0)	0.5-	1
157.0	0038	4L0	86 (4Q*7) (4J & BXA)	0.5-	1
157.9	0039	4E46	# \$	0.5-	1
158.3	0040	4G4	8#	0.5-	1
159.0	0041	4E4	86 8# 88 & BXA	0.5-	1
159.9	0042	4G4	8#	0.5-	1
161.8	0043	4E4#	86 & BXA	0.5-	1

02APR84 GRUM

## DOWN-HOLE STRUCTURE (DHO20)

PAGE: 13

DDH: FAGA241 UTM-N: 904,846.8 UTM-E: 592,497.7 UTM-ELEV: 1,284.8 TOTAL DEPTH: 161.8 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	SO	ANGLE	DIRECT	S1	ANGLE	DIRECT	S2	ANGLE	DIRECT	RFE	CDE	DHDC	SDC	PROCESS
FAGA241	0.0	44.6	PS2	P		0	0	0	0		55	230	0			1	1	1
FAGA241	0.0	52.2	PS2	P		0	0	0	0		55	230	0			1	1	1
FAGA241	0.0	60.7	PS2	P		0	0	0	0		65	230	0			1	1	1
FAGA241	0.0	67.0	CS2	D		0	0	0	0		60	230	C			1	1	1
FAGA241	0.0	74.0	CS2	D		C	0	0	0		55	230	0			1	1	1
FAGA241	0.0	79.7	CS2			0	0	0	0		50	230	0			1	1	1
FAGA241	0.0	84.5	PS2	P		C	0	0	0		60	230	C			1	1	1
FAGA241	0.0	91.3	CS2			C	0	0	0		60	230	0			1	1	1
FAGA241	0.0	96.4	CS2	Z		0	0	0	0		50	230	0			1	1	1
FAGA241	0.0	100.3	PS2	P		0	0	0	0		68	230	0			1	1	1
FAGA241	0.0	105.5	PS2	P		0	0	0	0		78	230	0			1	1	1
FAGA241	0.0	111.3	CS2			C	0	0	0		68	230	0			1	1	1
FAGA241	0.0	114.2	PS2	P		0	0	0	0		63	230	0			1	1	1
FAGA241	0.0	121.6	PS2	P		0	0	0	0		68	230	0			1	1	1
FAGA241	0.0	128.8	PS2	P		0	0	0	0		62	230	0			1	1	1
FAGA241	0.0	133.5	CS2			0	0	0	0		40	230	C			1	1	1
FAGA241	0.0	136.6	CS2	M		0	0	0	0		70	230	0			1	1	1
FAGA241	0.0	142.9	PS2	P		0	0	0	0		62	230	0			1	1	1
FAGA241	0.0	147.8	CS2			0	0	0	0		65	230	0			1	1	1
FAGA241	0.0	153.8	CS2			0	0	0	0		70	230	0			1	1	1
FAGA241	0.0	159.2	PS2	P		0	0	0	0		80	230	0			1	1	1
FAGA241	0.0	160.2	PS2	P		0	0	0	0		60	230	0			1	1	1

DDH: FAGA241 UTM-N: 9G4,846.8 UTM-E: 592,497.7 UTM-ELEV: 1,284.8 TOTAL DEPTH: 161.8 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
FAGA241	42.8	43.6	1GB	5			0	0	0	1
FAGA241	44.8	48.7	GE	5			0	0	0	1
FAGA241	48.7	49.6	XB				0	0	0	1
FAGA241	0.0	50.0	G				0	0	0	1
FAGA241	49.6	52.4	1GS				0	0	0	1
FAGA241	52.6	53.0	XS				0	0	0	1
FAGA241	53.5	53.9	G				0	0	0	1
FAGA241	54.3	54.6	G				0	0	0	1
FAGA241	54.8	55.2	G	5			40	30	0	1
FAGA241	55.6	57.7	G	3			0	0	0	1
FAGA241	58.2	58.5	G				0	0	0	1
FAGA241	53.9	58.7	B2G				0	0	0	1
FAGA241	61.2	61.6	G				0	0	0	1
FAGA241	63.1	63.2	G				0	0	0	1
FAGA241	66.2	66.4	G				0	0	0	1
FAGA241	67.1	67.3	G				0	0	0	1
FAGA241	76.2	77.4	B2G	6			30	30	0	1
FAGA241	81.5	82.6	B1G				0	0	0	1
FAGA241	83.9	84.4	G				0	0	0	1
FAGA241	84.5	85.0	G				0	0	0	1
FAGA241	92.9	93.0	G				0	0	0	1
FAGA241	98.9	99.0	G				0	0	0	1
FAGA241	96.0	100.5	2B				0	0	0	1
FAGA241	102.3	102.7	3BG				0	0	0	1
FAGA241	102.9	103.2	G				0	0	0	1
FAGA241	0.0	105.4	1G				0	0	0	1
FAGA241	106.1	106.4	G				0	0	0	1
FAGA241	113.2	113.3	G				0	0	0	1
FAGA241	0.0	117.6	G				0	0	0	1
FAGA241	118.8	119.3	G				0	0	0	1
FAGA241	122.9	123.4	G3F				0	0	0	1
FAGA241	125.0	125.3	1G				0	0	99	1
FAGA241	130.1	132.1	G2F				0	0	0	1
FAGA241	132.4	132.6	G				45	0	99	1
FAGA241	0.0	134.1	1G				0	0	0	1
FAGA241	136.0	136.1	G				0	0	0	1
FAGA241	137.7	137.9	G				0	0	0	1
FAGA241	140.2	140.4	G				0	0	0	1
FAGA241	141.1	141.2	G				0	0	99	1
FAGA241	141.7	142.1	G				0	0	0	1
FAGA241	144.7	145.2	G				0	0	0	1
FAGA241	145.7	146.4	G				0	0	99	1
FAGA241	147.4	147.6	1G				0	0	99	1
FAGA241	148.6	149.7	1G				0	0	0	1
FAGA241	150.3	150.5	G2F				0	0	99	1
FAGA241	152.9	153.9	B				0	0	99	1
FAGA241	153.9	154.4	2B				0	0	0	1
FAGA241	155.2	155.6	D?				0	0	0	1
FAGA241	157.0	157.9	1XD				0	0	0	1
FAGA241	158.3	159.0	1D				0	0	0	1
FAGA241	160.3	161.8	D				0	0	0	1

02APR84 GRUM

DOWN-HOLE SPLINES (DHO20)

PAGE: 15

DDH: FAGA241 UTM-N: 904,846.8 UTM-E: 592,497.7 UTM-ELEV: 1,284.8 TOTAL DEPTH: 161.8 SECTION: W 66  
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH SEGMENT NOS COND INDICATOR

FAGA241	1	2
FAGA241	2	2
FAGA241	3	2
FAGA241	4	1

66W

CYPRUS ANVIL MINING CORPORATION

Page 1 of 9

DIAMOND DRILL CORE LOG

Date: 9 Aug 82

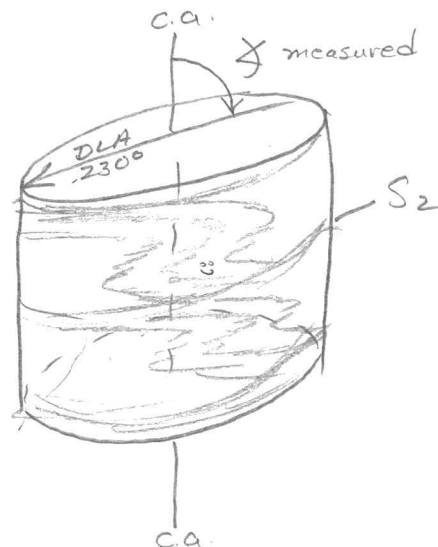
Hole Number: FAGA 241

Reference Fabric Orientation Diagram:

Project: Grum Devel. Drilling

Location: Vangorda Plateau

Claim: Grum 4



UTM Terr. Plane  
Co-ords.: 6904846.809 N

CAMG Mine Survey  
592497.736 E

Grid Co-ords: L 66 W

5N

All symmetry determinations looking

Elevation: 1284.81

NW with S2 dipping

Total Depth: 161.8 M

SW with dip azimuth 230.

Purpose: Fill in Sect 66W

Reason hole Terminated: Hit URP - Ran out of \$, patience, Scotch, boxes got too heavy!!

Logged by: BT & The Bear

Date(s) Logged: 9, Aug, 82

Drilling Contractor: Eagle Bert & Randy

Size	CORE From	To	Collar Cased and Capped:
<u>NW</u>	<u>00</u>	<u>161.8</u>	<u>NB</u>
_____	_____	_____	_____
_____	_____	_____	_____

Hole Cemented: No

Steel down hole: No

Started: 23 July 82 Completed: 25 July 82



Lithologic Log

Date: 9 Aug

Logged By: GAT/DST

Code	From	To	Recov.	No.	Unit	Description
L	10 14 16	20 22 24	26 28 30	34 35		
L	100	366		1	#	O/B
L	366	427		2		Truncated no recy
L	427	448		3	3B4*	(364) 70:30; 3B well banded w/ fine clastic tuffaceous text., heavily carb. now pale beige gray; 42.8-43.6 = incip. gouge & broken core, minor fault @ 45° to c.a. cutting S <sub>2</sub> ; 0.3m core loss over interval; unit mod. broken.
L	448	487		4	3G4	intensely broken, heavily gouged; crudely semi-bleached lt. gy phyl. after 360 "stringcoreal" viz: g.-ank-py; entire unit = gouge; 1m. loss 44.8-46.3; 0.3m. loss 46.3-47.2; 0.8m loss 47.2-48.9; all gouge = indeter ⇒ mod. dipping fault poss S <sub>2</sub> // but uncertain.
L	487	496		5	4A0	brca; core intensely broken & cont. of prev. fault; base of unit = fault cutting S <sub>2</sub> 20/270° w/ slicks striking 20° towards S <sub>2</sub> dip line azimuth; = 100% recy.
L	496	524		6	3G4	±9 ⇒ 4L0 c.f. #4 (00*) minor; S <sub>2</sub> locally sheared nr. folioform 00* 360 w/ gy sst. laminae = protolith broken thruout w/ gouge (indeter) @ 50.0; incip S <sub>2</sub> // " randomly divid
L	524	526		7	3B*4	fuchsite
L	526	530		8	4A0	brca ⇒ 5A19; brat to ratslit shrd sub // S <sub>2</sub> but intact
L	530	534		9	4L12	3G stringered likely protolith
L	534	587		10	3G9	(364) ⇒ 4L0 locally (00*) 90:10; minor broken thruout w/ many gouges; 53.5-53.9 = lower indeter, upper cuts S <sub>2</sub> shallowly overall ≈ S <sub>2</sub> //; 54.3-54.6 = gouge indeter but likely shallow; 54.8-55.2 = gouge w/ upper 40°/30° cutting S <sub>2</sub> lower indeter

Lithologic Log

Date: 9, Aug 82 Logged By: GAT/DSJ

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
						0.2M core loss; 55.6-57.7 = gauge indeter
						w/ 0.3M " " ; 58.2-58.5 = " "
L	58.7	60.8		11	446	±1±4±5; 4 = ZnS devel. as wispy S <sub>2</sub> ll stingers c.f. 3G stringered; intact
L	60.8	61.8		12	390	±9±4; gauge 61.2-61.6 indeter
L	61.8	62.9		13	384*	loc. biotitic w/ gte-ank-py stingers along S <sub>2</sub> ; intact
L	62.9	69.7		14	390	±9±4 w/ var. devel. stingers of g-chlor- ank-py.; well devel. chlor. w/ stingers (383 bio) 95:5; unit has bio. + chlor. devel. adj. stingers; intact; gauges: 63.1-63.2 ≈ S <sub>2</sub> ll; 66.2-66.4 indeter; 67.1-67.3 ≈ S <sub>2</sub> ll w/ local internal X cutting — none mayer faults
L	69.7	70.0		15	383	biotitic
L	70.0	74.6		16	390	±9±4 (383 biotitic); 3G has g-py-ank- chlor stingers c.f. #14 w/ more 383; prop. 90:10; intact → w/ly ben. no gauge
L	74.6	76.6		17	394	⇒ 440 stringered c.f. #16; 76.2-76.6 = broken w/ 30% gauge upper 30°/30°; 4L related to this fault lower indeter.
L	76.6	81.1		18	390	w/ local 394; last meter ±9; sporadic pre-D <sub>2</sub> COQ* veins & stingers c.f. #17 w/ minor po + chlor.; slight greenish cast; gauge from 76.2 goes to 77.4 w/ 0.5M core loss; usual COQ±* w/ chlor. silv. dops folded into rootless wochines; intact
L	81.1	81.5		19	394	(COQ*) 90:30; gte vein alt "??"
L	81.5	82.6		20	390	±4±9 broken w/ minor S <sub>2</sub> ll microp gauge
L	82.6	82.9		21	394	⇒ 440 w/ distinct g-chlor stingers giving stippled appear. ⇒ stringered protolith intact & biotitic
L	82.9	85.1		22	390	±9 (COQ±*) 90:10; 83.9-84.4 indeter. gauge 84.5-85.0 indeter gauge w/ internal fabric 40° to ca. otherwise intact
L	85.1	100.5		23	399	⇒ 390±4 (COQ±*) 90:10; grades into above; 399 from 96.0-100.5; med. broken

Lithologic Log

Date: 9 Aug 82 Logged By: GAT/DSV

Code	From	To	Recov.	No.	Unit	Description						
	10	14	16	20	22	24	26	28	30	34	35	
												incip S <sub>2</sub> // gouge 92.9-93.0 ; 98.9-99.0 little OQO (ast 6 m ; 426 w/ minor gty. py. stringers 96.9-97.2
L	1005	1008		24	420							from 3G stringered intact
L	1008	1013		25	394							stringered, 8-clbr-py-CO <sub>2</sub> intact
L	1013	1037		26	420							(384*) 90:10 ; broken ; 102.3-102.7 v. bln. & gouged ⇒ fault 40°/ca. ; 102.9- 103.2 indeter gouge ; 3G str. = protolith
L	1037	1076		27	390							±4 (384*, 383*) 15% 3B ; intact → m. bln. 106.1-106.4 incip. gouge for sub ⊥ fault. cutting S <sub>2</sub> ; " " 105.4 incip S <sub>2</sub> //
L	1076	1184		28	394							±8±6± stringers (38*±4±3) ; intact to m. bln. gouge ± 113.2-113.3 indeter cuts S <sub>2</sub> ; 117.6 @ 60° cutting S <sub>2</sub> ; tuff rock ceul. portions of HCmm beneath "dogmatic", wholly blacked & biotite could be rel. to or dep. or rule. (OO*)
L	1184	1221		29	390							± stringers ; (OO*) ; intact ; gouge 118.8- 119.3 ≈ 11S <sub>2</sub> not impar. fault ; unit lacks 383
L	1221	1276		30	420							±2 ⇒ 394 (3B* bio) ; py. in strgs. in HL suggesting derivation from 3G str. (OOO minor py.) ; m. bln. ; gouge ± 122.9- 123.4 major fault upper contact 45° to ca. S <sub>2</sub> crackle brecciated, lower cont. S <sub>2</sub> // ; 125.0-125.3 incip. S <sub>2</sub> // gouge
L	1276	1315		31	390							⇒ 394 locally ; laminated w/ off white silty & dk. gray carb. micro-beds ; gouge ± 130.1-131.5 S <sub>2</sub> // in general but upper 45°/ca cutting S <sub>2</sub> , lower 40° internal gouge has S <sub>2</sub> // c.a. ; prob. mod. dipping significant fault
L	1315	1361		32	384*							(420) ; 3B loc. lam'd w/ elastic text ; bodily bln. covered in yellow paint ; gouge ± 131.5-132.1 where lower contact of fault 130.1-132.1 dips 25°/180 ; 132.4-132.6 lower 45° to ca. no S <sub>2</sub> preserved

Lithologic Log

Date: 9, Aug 82 Logged By: GAJ/DST

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
						134.1 = few cm. gouge; 1360-136.1 = gouge 45° c.a. no S <sub>2</sub> but steeper
L	1361	1370		313	3G4	str. (cognitio pack); gtz-py-anh.
L	1370	1504		314	3G0	±9 v. minor; stringers = " " 4/dol. forming D <sub>2</sub> lithens & crudely S <sub>2</sub> ll bands; minor 3G4 @ 70Z; m. blk. w/ gouge; 137.7-137.9 indeter; 140.2-140.4 indeter to ≈ 11S <sub>2</sub> ; 141.1-141.2 indeter; 141.7-142.1 indeter; 144.7-145.2 indeter incip. poss. S <sub>2</sub> ll; 145.7-146.4 11S <sub>2</sub> to " ; 147.4-147.6 S <sub>2</sub> ll incip; 148.6-149.7 incip. S <sub>2</sub> ll; 150.3- 150.5 11S <sub>2</sub> this is near fault as it seps diff r/k types; OOO mainly in 137.0 -141.0
L	1506	1529		315	31G9.1	42* (4A0)(3B*) 3B=2%; silica incl. dk gy phyll., well banded w/ lt. gray gtz-sulf. bands & d'ben. gray mica. cores gtzites, not dk. enough for 4A but close; may or may not be stratiform could be 4A0 in part; est 1-2% comb.
L	1529	1539		316	4A4	(4E1*)(4E1G*)(4Q*); 0.1M 4E etc in interval; * = dol. 4Q* may be vein transposed 11S <sub>2</sub> ; broken but no gouge est 10% comb.
L	1539	1544		317	5A6	(504*, 4D0) mainly 5A6 w/ last 1/2 transit. to underlying; 4D may be conulets or micro-pulses; m. blk.
L	1544	1570		318	4L0	±6 (4Q* po. bearing)(4J vein)(4J bria)(4Q*4) basically 4L; derived in part from 5D but some from 3G str. as relief fuchsite & stringers; 4Q* 4/po = vein 11S <sub>2</sub> 154.5- 154.9; 4J may be vein or ductile flow injection 155.2-155.6; last 0.3m has 3G4 w/ sulfs grading downward to mass sulfs. of URP; unit may represent inhomog. defn. adj. sulfs.



Structural Log

Code	From				To				Feature	S <sub>0</sub> Dip Direct.	S <sub>1</sub> Dip Direct.	S <sub>2</sub>		Description
	10	14	16	20	22	24	26	28				32	34	
S				446				INDP				55	2310	
S				522				INDP				55		
S				607				INDP				65		
S				670				INDD				60		CS <sub>2</sub> ⇒ PS <sub>2</sub>
S				740				INDD				55		CS <sub>2</sub>
S				797				CS <sub>2</sub>				50		
S				845				INDP				60		
S				913				CS <sub>12</sub>				60		
S				964				CS <sub>12Z</sub>				50		
S				1003				INDP				68		
S				1055				INDP				78		
S				1113				CS <sub>2</sub>				68		
S				1142				INDP				63		⇒ CS <sub>2</sub>
S				1216				INDP				68		⇒ CS <sub>2</sub>
S				1288				INDP				62		
S				1335				CS <sub>12</sub>				40		next to fault
S				1366				CS <sub>12M</sub>				70		
S				1429				INDP				62		
S				1478				CS <sub>2</sub>				65		
S				1538				CS <sub>12</sub>				70		
S				1592				PS <sub>2</sub>				80		? banding in sulfs
S				1602				PS <sub>12</sub>				60		? " " "



DDH FAG241  
2 8

Cyprus Anvil Mining Corp.

Page \_\_\_\_\_ of \_\_\_\_\_

Structural Log

Date: \_\_\_\_\_ Logged By: \_\_\_\_\_

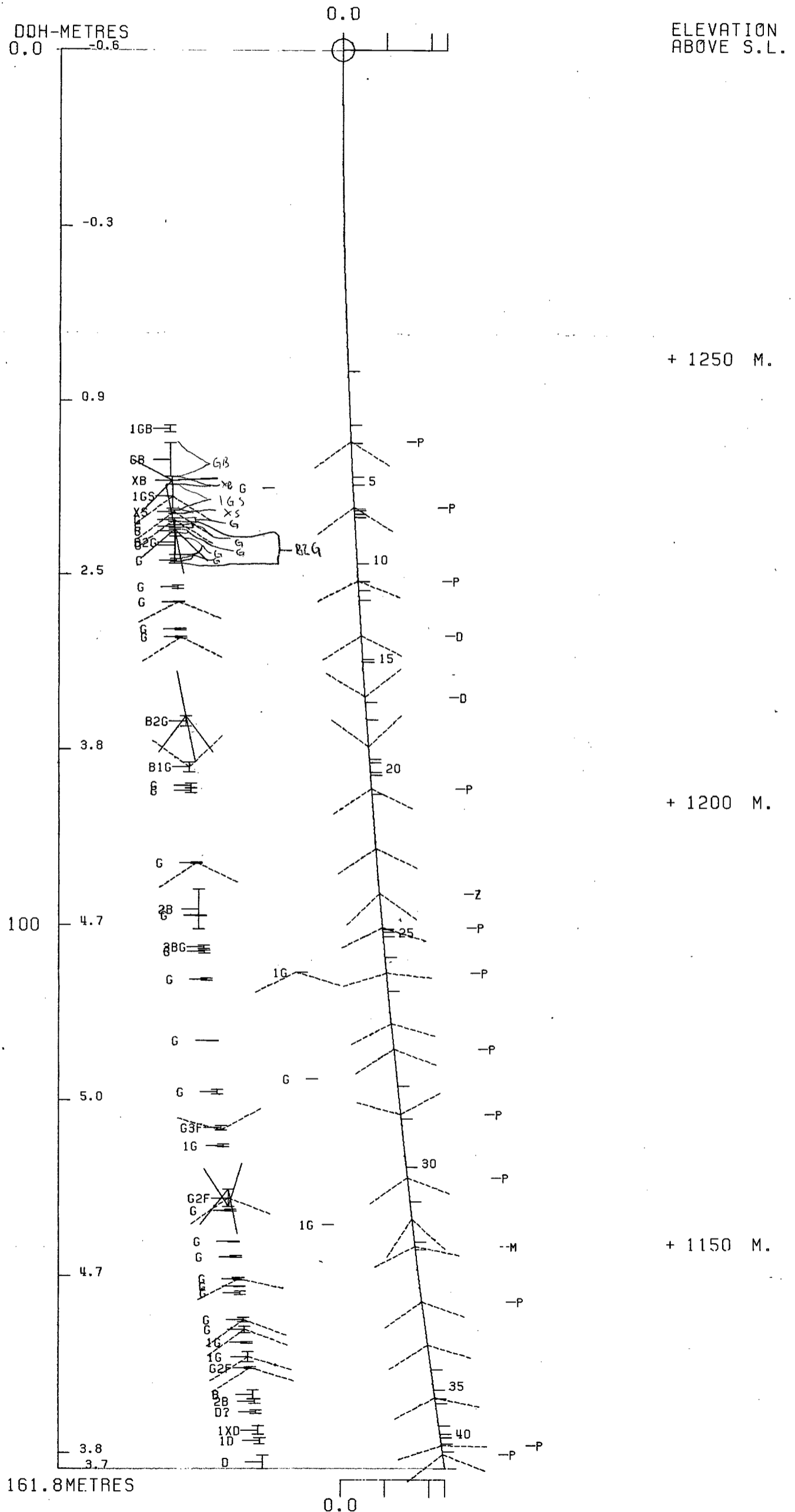
*meters*

Code	From				To				Feature	SYE	S <sub>0</sub>		S <sub>1</sub>		S <sub>2</sub>		Description	
	10	14	16	20	22	24	26	28			Dip	Direct.	Dip	Direct.	Dip	Direct.		38
F		428		436				IGBS										45° to CA
F		448		487				GB, S										moat dipping 115°
F		487		496				XNB				20	270					sticks rotate 20° toward S, DCA
F		496		524				IGS				99	99,99					
F				500				GE										
F		526		530				XSS				99	999					
F		538		587				BRG										
F		535		539				G				99	99,99					
F		543		546				G										
F		548		552				G	5	4.0	0.30							
F		556		577				G	3									
F		582		585				G										
F		612		616				G										
F		631		632				G				99	99,99					
F		662		664				G										
F		671		673				G				99	99,99					
F		762		774				BRG	30	0.30								
F		815		826				B, IG				99	99,99					
F		839		844				G										
F		845		850				G										40° to CA
F		916		1005				ZB										
F		929		930				G				99	99,99					
F		989		990				G										
F		1023		1027				Z, B, G										40° to CA
F		1029		1032				G										
F		1061		1064				G										90° to CA, cuts S <sub>2</sub>
F				1054				IG				99	99,99					
F		1132		1133				G										
F				1117				G										60° to CA, cuts S <sub>2</sub>
F		1188		1193				G										
F		1229		1234				Z, F						99	99,99			45° to CA
F		1250		1253				IG										
F		1301		1321				Z, F	4.5	0.00	99	99,99	25	18.0				
F		1324		1326				G										45° to CA
F				1341				IG										
F		1360		1361				IG										45° to CA



# DDH: FAGA241 -- 42 DEGREE PROFILE ( VIEW AZIMUTH = 312 DEGREES )

ELEV: 1285      592498E ; 904847N  
 PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0  
 CORRECTED COLLAR POSITION: X = 521.0    Z = 1284.7  
 SECTION NAME: 66W



# DDH: FAGA241 -- 42 DEGREE PROFILE

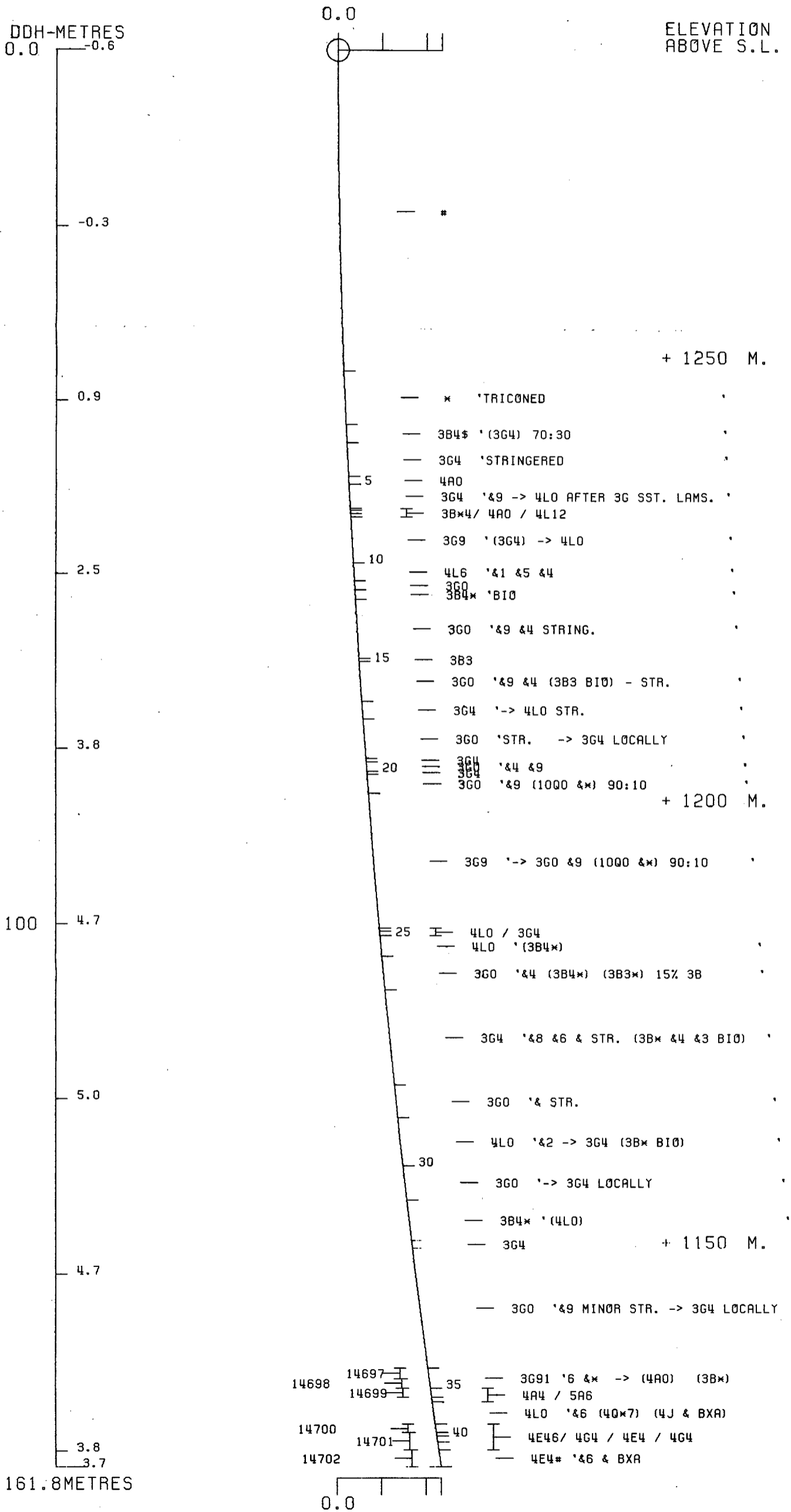
( VIEW AZIMUTH = 312 DEGREES )

ELEV: 1285 592498E ; 904847N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 521.0 Z = 1284.7

SECTION NAME: 66W



FAGADLI

DRILL HOLE : FAGADL1  
NORTHING : 905,088.3  
EASTING : 592,714.1  
ELEVATION : 1,300.0  
TOTAL DEPTH : 99.7  
SECTION : W 66  
R.F.E. : S2  
RFE DIRECTION: 230  
PLUNGE ANGLE: 11  
PLUNGE DIRECT: 312  
DHD CALC: 1  
SS CALC: 0

## DETAIL RECORD COUNTS:

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

08FEB84 GRUM

DOWN-HOLE SURVEYS (DHO2G)

PAGE: 10

DDH: FAGADL1 UTM-N: 905,088.3 UTM-E: 592,714.1 UTM-ELEV: 1,300.0 TOTAL DEPTH: 99.7 SECTION: W 66  
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 0

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000

08FEB84 GRUM

DOWN-HOLE LITHOLOGY (DHC20)

PAGE: 11

DDH: FAGADL1 UTM-N: 905,088.3 UTM-E: 592,714.1 UTM-ELEV: 1,300.0 TOTAL DEPTH: 99.7 SECTION: W 66  
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 0

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
99.7	OC01	#	DDH END IN OVERBURDEN	0.0	1

08FEB84 GRUM

DOWN-HOLE SPLINES (DH020)

PAGE: 12

DDH: FAGADL1 UTM-N: 905,088.3 UTM-E: 592,714.1 UTM-ELEV: 1,300.0 TOTAL DEPTH: 99.7 SECTION: W 66  
RFE: S2 RFE CIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 0

DDH SEGMENT NOS COND INDICATOR

FAGADL1 1 1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: FAGADL1

Fabric Orientation Diagram:

Project: \_\_\_\_\_

Location: \_\_\_\_\_

Claim: \_\_\_\_\_

UTM ~~Terr.~~ Plane  
Co-ords.: 6905088.272 N

CAME Mine  
Survey  
592714.054 E

Grid  
Co-ords.: 66W / 13 + 20N

All symmetry determinations looking

\_\_\_\_\_ with \_\_\_\_\_ dipping

Elevation: 1300.037 m.

\_\_\_\_\_ with dip azimuth \_\_\_\_\_.

Total Depth: 99.7 m.

Purpose: \_\_\_\_\_

Logged by: \_\_\_\_\_ Date(s) Logged: \_\_\_\_\_

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

NQ \_\_\_\_\_ 99.7

\_\_\_\_\_

\_\_\_\_\_

Started: Oct 22/79 Completed: \_\_\_\_\_







**R.M. HARDY & ASSOCIATES LTD.**  
CONSULTING ENGINEERING & PROFESSIONAL SERVICES

PROJECT:

**LITHOLOGIC LOG**

GRUM DEPOSIT

Borehole	DL-1	Date of Drilling	Oct./79	Job No.	Q2160-002
Location 66W, 13.2N, East of Doal L.					
Surface Elevation			Top of Casing Elevation		
Drilling Contractor			Rig Longyear 38 D.D.		

DEPTH metres	SOIL SYMBOL	DESCRIPTION	DRILLING AND INSTRUMENTATION
? to 127'		? to 127' TILL, very hard, numerous pebbles to 4 cm, boulder to 10 cm (Granodiorite), some clay, silt and sand. 5.6 ft of core.	123-124' sample B-1
267 -304		3 Runs - 12.5 ft of core 267-296.5' SILT, slightly clayey, few rusty zones, powdery 296.5-296.6 CLAY, grey, hard, laminated, dry, low plastic 296.6-304 SILT, as above with 17 cm boulder at 303.5'	267-269 sample B-2  296.5-296.6 sample B-3
? to 315'		? to 315' SILT, as above	
315 -321		315-321' TILL, hard, numerous pebbles, frozen, occasional specks of ice.	
321 -326		321-326' Only weathered chunks of granodiorite recovered	
NOTE: All core is frozen but this may have occurred after recovery. No segregated ice was seen except 315-321'.			

# DDH: FAGADL1 -- 42 DEGREE PROFILE

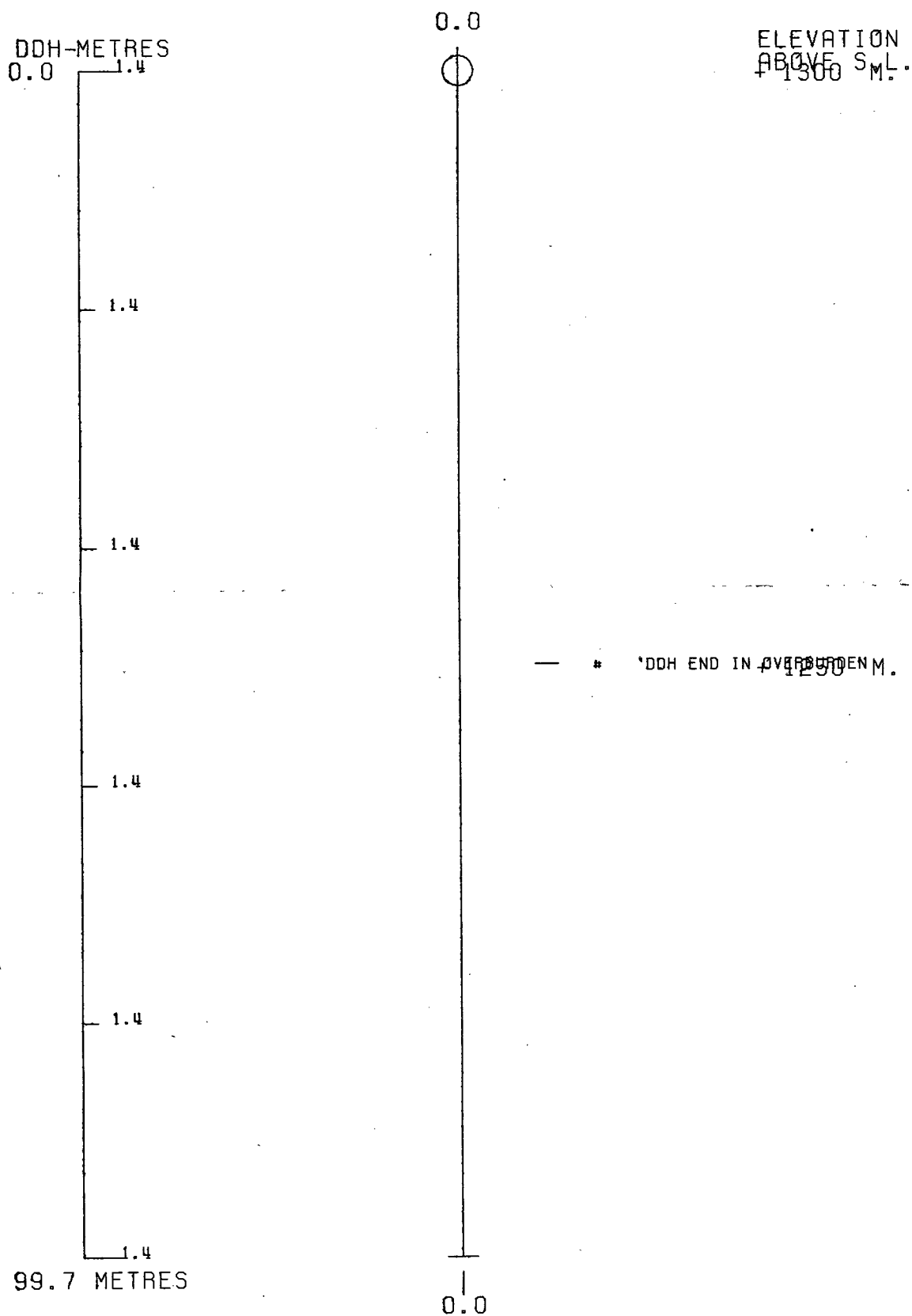
( VIEW AZIMUTH = 312 DEGREES )

ELEV: 1300 592714E ; 905088N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 845.3 Z = 1300.3

SECTION NAME: 66W \* off edge of section



FAGUO 38

---

DRILL HOLE : FAGU038  
 NORTHING : 904,838.8  
 EASTING : 592,376.6  
 ELEVATION : 1,157.2  
 TOTAL DEPTH : 85.2  
 SECTION : W 69  
 R.F.E. : S2  
 RFE DIRECTION: 230  
 PLUNGE ANGLE : 11  
 PLUNGE DIRECT: 312  
 CHD CALC: 1  
 SS CALC: 1

DETAIL RECORD COUNTS:

NOS CRE-SAMPLES: 12  
 NOS DOWN-H-SURVEYS: 1  
 NOS DOWN-H-LITHOLOGY: 23  
 NOS DOWN-H-STRUCTURE: 16  
 NOS DOWN-H-FAULTS: 23  
 NOS DOWN-H-SPLINES: 1  
 NOS COMPOSITES: 0

IN: FAGL00R UTM-N: 904739.0 UTM-E: 592776.0 UTM-ELV: 1157.0 TOTAL DEPTH: 15.2 SECTION: W 67  
 RFE: 32 RFE DIR: 230 FLNGE ANGLS: 11 312 DHD CALC: 1 SS CALC: 1

---DEPTHS---		SAMPLE NO.	INT. REC.	POCK UNIT	S.G. PULP	CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AL(FA) G/MT	ASSAYS									
FROM	TO											PO	PY	TOT FE	BAC %	HG %	MN %	AS %	BA %	S.G. W.R.	
11.1	12.2	9C937	1.1	1.1 4E4			2.35	5.52	33.30												
12.2	13.7	9C938	1.5	1.5 4EA4			1.70	4.13	31.20												
13.7	15.2	9C939	1.5	1.5 4E4			4.63	11.30	76.80												
15.2	16.3	9C940	1.6	.8 4E4			5.63	15.13	85.70												
16.3	18.3	9C941	1.5	1.3 4G0			2.48	6.28	46.30												
18.3	19.2	9C942	1.5	1.4 4G4			3.73	10.77	62.40												
19.8	21.3	9C943	1.5	1.4 4G4			3.45	7.99	60.30												
21.3	22.9	9C944	1.6	1.2 4G4			4.03	9.46	93.90												
22.9	24.4	9C945	1.5	1.5 4ED4			6.20	12.50	104.90												
24.4	25.9	9C946	1.5	1.5 4E4			5.42	10.15	75.80												
25.9	27.4	9C947	1.5	1.5 4AD			4.25	6.02	71.70												
27.4	29.0	9C943	1.6	1.6 4A13			.65	1.18	13.00												

## WEIGHTED AVERAGE

11.1 29.0 17.9 16.3 3.73 8.47 63.62

STATION: F100000

UTM-N: 704,000.0      UTM-E: 573,376.0  
REF: 02    REF DIR: 000    PLUNGE ANGLE: 11

UTM-ELEV: 1,157.3    TOTAL DEPTH: 1  
SIC CHD CALC: 1    SS CALC: 1

SECTION: 4    69

DEPTH	ZENITH	AZIMUTH
0.000	80.300	105.700

ECLEHOLE LITHOLOGY (CONTD.)

UTM-N: 904739.7 UTM-E: 592776.1 UTM-ELEV: 17107.0 TOTAL DEPTH: 85.3 SECTION: W 69  
 RFE: 02 RFE DIR: 230 PLUNGE ANGLES: 11 312 DRD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
4.9	OC01	3GC	(3G4) (10Q*)	0.5-	1
6.9	OC02	4LC	(4HD VEIN) (10Q*)	0.5-	1
10.5	OC03	3C9	(5A6) (10Q*) 75:05:20	0.5-	1
11.1	OC04	4LC	(10Q*) GOUGE	0.5-	1
16.3	OC05	4E4	BXA(4A3)(4E44)(4E1)7C:10:10:10	0.5-	1
16.8	OC06	4E14		0.5-	1
20.5	OC07	4G4	8# (4G0) T.O.I.	0.5-	1
25.0	OC08	4C4		0.5-	1
23.7	OC09	4E46		0.5-	1
26.0	OC10	4E4	POROUS	0.5-	1
28.4	OC11	4L4		0.5-	1
33.9	OC12	4A13		0.5-	1
39.8	OC13	4A1	83 BXA RUBBLE	0.5-	1
44.5	OC14	4A1		0.5-	1
44.8	OC15	4CC		0.5-	1
46.3	OC16	5C43	ULTRAC03	0.5-	1
46.5	OC17	4CC		0.5-	1
47.8	OC18	4A1		0.5-	1
50.8	OC19	4L24	81(4C5)T.O.I.[4CC PHYLL.(4C5)]	0.5-	1
73.0	OC20	3GC	(10QC 8*) MINOR	0.5-	1
74.8	OC21	3G4	81	0.5-	1
75.9	OC22	5C4*	BIO	0.5-	1
85.3	OC23	3GC		0.5-	1

DATE: 10/1/81 TIME: 2:47:37.0 TIME: 5:27:37.0 TIME: 1:107.0 TOTAL DEPTH: 82.3 SECTION: V 42  
 RFB: S2 RFE LIP: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYTRY	S0 ANGLE	DIRECT	S1 ANGLE	DIRECT	S2 ANGLE	DIRECT	RFB	CDE	DHDC	SDC	PROCESS
FAGUC30	0.0	2.6	PS2	P	C	0	C	C	22	230	C		1	1	1
FAGUC30	0.0	9.0	PS2	P	C	0	C	C	20	230	C		1	1	1
FAGUC30	0.0	18.5	PS2	P	C	0	C	C	23	230	C		1	1	1
FAGUC30	0.0	21.3	PS2	P	C	0	C	C	5	230	C		1	1	1
FAGUC30	0.0	24.5	PS2	P	C	0	C	C	30	230	C		1	1	1
FAGUC30	0.0	26.8	CS2		C	C	10	C	40	230	C		1	1	1
FAGUC30	0.0	29.5	CS2		C	C	50	180	25	230	C		1	1	1
FAGUC30	0.0	31.7	CS2		C	C	90	180	20	230	C		1	1	1
FAGUC30	0.0	40.9	CS2		C	C	50	C	10	230	C		1	1	1
FAGUC30	0.0	44.4	CS2		C	C	0	C	1	230	C		1	1	1
FAGUC30	0.0	51.0	CS2		C	0	22	180	10	230	C		1	1	1
FAGUC30	0.0	53.7	CS2		C	C	80	C	1	230	C		1	1	1
FAGUC30	0.0	55.5	PS2	P	C	C	0	C	1	230	C		1	1	1
FAGUC30	0.0	69.0	CS2		C	0	C	C	1	230	C		1	1	1
FAGUC30	0.0	77.7	CS2		C	C	0	C	1	230	C		1	1	1
FAGUC30	0.0	82.3	PS2	P	C	0	0	C	13	230	C		1	1	1

UTM-N: 964727.1 UTM-E: 593276.6 UTM-LEV: 1157.0 TOTAL DEPTH: 85.0 SECTION: W 69  
 N°: 52 REF. DIR: 000 PLUNGE ANGLES: 11 312 DMC CALC: 1 SS CALC: 1

DBH	F DEPTH	T DEPTH	FEAT	REC	CD	PARLL	UPPER PLANE	INTERNAL PLANE	LOWER PLANE	DFO			
FAGUC38	0.1	4.9	P	3			0	0	C	C	0	0	1
FAGUC38	5.8	6.1	D				0	0	C	C	0	0	1
FAGUC38	7.2	7.5	G				99	999	C	C	0	0	1
FAGUC38	8.9	9.1	3EG				C	0	C	C	0	0	1
FAGUC38	9.1	9.8	GP	7			C	0	C	C	0	0	1
FAGUC38	9.3	10.5	4ZE				0	0	C	C	0	0	1
FAGUC38	9.1	10.5	3F				C	0	C	C	0	0	1
FAGUC38	10.3	11.1	SCP	8			0	0	C	C	0	0	1
FAGUC38	1.1	16.3	XD				0	0	C	C	0	0	1
FAGUC38	15.8	17.6	1XR				0	0	C	C	0	0	1
FAGUC38	21.1	21.2	1P				0	0	C	C	0	0	1
FAGUC38	33.9	39.0	XRB				C	0	C	C	0	0	1
FAGUC38	39.8	44.5	2B				C	0	C	C	0	0	1
FAGUC38	45.5	47.2	2E				C	0	C	C	0	0	1
FAGUC38	43.1	48.3	1G				C	0	C	C	0	0	1
FAGUC38	49.2	50.1	1G				0	0	C	C	0	0	1
FAGUC38	0.0	53.9	1G				0	0	C	C	0	0	1
FAGUC38	0.0	58.8	1G				0	0	90	C	0	0	1
FAGUC38	69.5	69.9	G				35	0	C	C	0	0	1
FAGUC38	0.0	73.0	1G				0	0	C	C	0	0	1
FAGUC38	73.0	74.8	3E				0	0	C	C	0	0	1
FAGUC38	74.6	74.8	F				C	0	C	C	0	0	1
FAGUC38	0.0	75.9	1G				0	0	C	C	0	0	1

CONTROLLING SHEETS (LHJ20)

UTM-N: 904,938.9    UTM-E: 592,376.8    UTM-ELEV: 1,157.2    TOTAL DEPTH: 85.2  
 RFE: S2    RFE DIR: 230    PLUNGE ANGLES: 11    312    CHD CALC: 1    SS CALC: 1    SECTION: w 69

DDM	SEGMENT NOS	COND INDICATOR
FAGUC30	1	1

OFF SECTION NO  
ASSAY NEEDED  
KERR ADI AVAIL  
CYPRUS ANVIL MINING CORPORATION

BULLSHIT

69W

Page 1 of 8

DIAMOND DRILL CORE LOG

Date: \_\_\_\_\_

Hole Number: FAGU 038

Reference Fabric Orientation Diagram: \_\_\_\_\_

Project: GRUM

Location: 69W

Claim: \_\_\_\_\_

Terr. Plane Co-ords.: 904838.8 N

592376.6 E

Grid Co-ords: \_\_\_\_\_

*UTM  
Conversion of  
K-A surveyed  
grid co-ords*

All symmetry determinations looking

Elevation: 1157.2 m.

\_\_\_\_\_ with \_\_\_\_\_ dipping

\* Total Depth: 85.3 m.

\_\_\_\_\_ with dip azimuth \_\_\_\_\_

Purpose: \_\_\_\_\_

Reason hole Terminated: \_\_\_\_\_

Logged by: \_\_\_\_\_

Date(s) Logged: \_\_\_\_\_

Drilling Contractor: \_\_\_\_\_

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

Hole Cemented: \_\_\_\_\_

Steel down hole: \_\_\_\_\_

Started: \_\_\_\_\_ Completed: \_\_\_\_\_



Lithologic Log

Date: 19 Aug 82 Logged By: DSJ/GAJ

Core	From				To				Recov.	No.	Unit	Description
	1	10	14	16	20	22	24	26				
L			00				49			1	360	(364)(OP*) ~ 1/2 m core loss near collar top is 360 + v. minor 9 and grades downward by 3.5 to 364 a gradual structural blocking into 460, largely intact
L			49				69			2	440	(440)(OP*) 44 is Xcutting (S <sub>2</sub> ) vein from 5.8-6.1 shows microbxta ductile flow text w clasts of 41 and OP* both contacts ~ 70° to CA largely intact
L			69				105			3	369	(5A6)(OP*) unit is med dk to locally black PS <sub>2</sub> foliated intensely broken and gouged thruout but has good recy' zone at: 7.2-7.5 : upper 11 S <sub>2</sub> (artifacts) internal random lower = IND 9.1 + 9.8 - 5m gauge recovered all IND 9.8 to FOI core mainly OP* heavily broken and incip gauge 9.1-10.5 appears to be a major fault SA @ 9.1-9.3
L			105				111			4	4140	(OP*) heavily incip gauge gauge sub 11 CA set contact of 41 is at 70° to CA - entire unit fault banded and intensely sheared, ~ 80% recy ± 4 (4A3, 4E44, 4E1) entire interval 5' in 5" bxa with irregular clasts in fine S <sup>2</sup> "flour" matrix.
L			111				163			5	4E10	15.2-16.3 = 1.1m core loss = fault? otherwise intact 4A3 bxt d = 12.6 - 13.1 4E44 bxt d = 14.7 - 15.2 4E1 bxt d = 14.1 - 14.7 bxa is banded by faults and looks like a brittle bxa where clasts are siliceous but a ductile flow bxa where clasts are S <sup>2</sup> - matrix is not foliated

Code	From	To	Recovery	No.	Unit	Description				
1	10	14	20	22	24	26	28	30	34	35
2	163	168	16	4E14	intact - unbedded - weakly bedded with strike bands					
7	158	128	17	4G14	16.8 - 17.6 is weakly bedded with rubble at TOI = fall?? good recovery in this interval 1-3 cm B&S clay clasts and striae or gte vein frags in brecc. remainder of unit unbedded bedded					
						bedded siltstone intact				
						minor rubble 21.1-21.2				
7	228	230	237	19	4E16	well bedded - unbedded				
						well bedded with black sphaeruliferous rich bands commonly porous but has no significant carbonate. - unbedded intact but split				
1	260	264	11	4D4	bedded normal exhalative texture intact do beds					
7	264	339	12	4A13	excellent banding with 3% f.t.s = in black "clay" matrix - some 4A13 in all the U-20 series					
						beds - very fine grade.				
						S <sub>1</sub> @ 40-90° to CM, intact ± 3 brecc and rubble cut into intervals				
7	339	398	13	4A11	rubble and broken core with fragments of matrix support brittle brecc - recovery appears good = 80% as may not be a significant fault brecc					
7	398	445	14	4A11	4t 5 = ~10% pyro BMS: very low grade. py in several gte bands in dk grey to black very siliceous "matrix" well developed E <sub>1</sub> folds at 42.6 (specimen taken) unit moderately broken but good recovery grades down to next unit					
7	445	446	15	4C0	intact margin to following unit					

Lithologic Log

Date: 19, Aug 82 Logged By: DST/GAT

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	446	463		16	5C4*	dol. minor fault heavily carbonated intact, S <sub>2</sub> // to CA as in much of hole
L	463	465		17	4C0	other margin - grades down to 4A looks like a bleached 4A
L	465	478		18	4A1	as above: carbon content is a bit low for 4A - due to nearby 5C?? moderately broken but good recov
L	478	506		19	4L24	typical buff to rusty green color with good relief S <sub>2</sub> in steep layers - texture not appreciably different from overlying 4A - top .3m of T is 4C5 suggestive of a bleached continuation 4A → 4C5 → 4L24 unit has been called 4C0 elsewhere here the unit is very siliceous to 49.1 and is [4C0] below that to EOI its more phyllitic and is normal 4L2 lower contact is a rubble zone which likely indicate a fault. gauge at 48.1-48.3 & 49.8-50.1 both IND but appear to be @ steep angle to CA. (50-60°) = minor faults
L	506	730		20	3E0	not speckled not stringered - has slight greenish <sup>brassy grey</sup> cast as opposed to unit I - no obvious reason for this coloration - weakly developed qtz siltsstone laminae (0.00 ± *), largely intact but gauge @ 53.9 = 2cm and 58.8 = 3cm @ 90° to CA 69.5 - 69.9 = gauge w/upper @ 35° to CA & S <sub>2</sub> // lower = IND 5cm gauge at EOI = IND



Structural Log

Date: 19 Aug 82 Logged By: DSJ/GAT

Code	From		To		Feature	E S <sub>1</sub>	S <sub>0</sub>		S <sub>1</sub>		S <sub>2</sub>		Description
	10	14	16	20			Dip	Direct.	Dip	Direct.	Dip	Direct.	
				26	INDP						22		
				90	INDP						20		
				185	INDR						23		RS <sub>1</sub> or PS <sub>2</sub>
				213	INDR						05		"
				245	INDR						30		"
				268	CS <sub>2</sub>			10	0,0	4,0			
				295	CS <sub>2</sub>			50	1,80	2,5			
				317	CS <sub>2</sub>			90	1,80	2,0			
				409	CS <sub>2</sub>			50	90,0	1,0			
				444	CS <sub>2</sub>					0,0			
				510	CS <sub>2</sub>			22	1,80	1,0			
				537	CS <sub>2</sub>			80		0,0			
				555	INDP					0,0			
				690	CS <sub>2</sub>					0,0			
				777	CS <sub>2</sub>					0,0			
				823	INDP					13			



Metres

FAULT

DDH FAGU038  
2 8

Cyprus Anvil Mining Corp.

Page \_\_\_\_\_ of \_\_\_\_\_

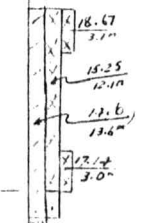
Structural Log

Date: \_\_\_\_\_ Logged By: \_\_\_\_\_

Code	From				To				Feature	S <sub>1</sub> M	S <sub>0</sub>		S <sub>1</sub>		S <sub>2</sub>		Description
	10	14	16	20	22	24	26	28			Dip	Direct.	Dip	Direct.	Dip	Direct.	
F	10	1		14	9	P	8										4.4/4.9m recovery - related to top of hole
F	5	B		16	1	D											micro bra ductile flow clast of 46 # 100 in 4H
F	16	9		19	13	B	G										intensely broken & gouged
F	17	2		17	5	G		919	919	9							upper 11 S <sub>2</sub> internal random lower IND
F	19	1		19	8	G	P	7									0.5m/0.7m IND
F	19	8		110	5	Q	B	1	B								qtz vein heavily broken sheared, gouged, faulted
F	110	5		111	1	S	G	P	8								80% recovery
F	111	1		116	3	X	D	1									S <sub>1</sub> in S <sub>2</sub> bra with irregular clasts in S <sub>1</sub> flow matrix bra bounded by faults
F	19	1		110	5	3	F										major fault
F	116	8		117	6	1	X	R									weakly brecciated w/ rubble @ TOI
F	121	1		121	2	1	R										minor rubble
F	133	9		131	9	X	R	B									bra & rubble for entire interval - broken core matrix support brittle bra
F	131	9		144	5	2	B										mod. broken
F	141	6	5	147	8	2	B										mod. broken
F	141	8	1	148	3	1	G										gauge ? IND, steep
F	141	9	8	150	1	1	G										gauge angle 50-60° to C.A
F				151	3	1	G										2 cm gauge
F				151	8	1	G			910	910						3 cm gauge @ 90° C.A.
F	161	9	5	161	9	G		315	010	010							lower cut IND
F				173	0	1	G										5cm IND gauge
				173	0	3	B										heavily broken
				174	6	7	F										upper IND
																	lower X cut S <sub>2</sub> @ 70° C.A
																	364 gauge



Interval		Depth (m)	Description	Remarks
From	To			
	11.1-11.8	11.1	Massive	
		13.7	competent	
	11.8-15.2	11.8	Massive	
		15	Quartz	
		20.2	Fragment	
		23.9	Massive	
			and qt	
			banding	
			common	
			broken	
			and 20	
			16.0 on	
	23.9-26.0	23.9	Ma	
			70° M	
			Crust	
	26.0-48.5		Quartz	
			on 20	
			(F <sub>1</sub> ) @ 2'	
			graphitic	
			details	
	26.0-35.1		as above, breccia zones	



P <sub>y</sub>	P <sub>2</sub> in	Recovery	Sample No	Interval		Sample Length	Assay					Assay x			
				From	To		Pb	Zn	Ag %	Au	Cu	Pb	Zn	Ag	
40	2	1.1/1.1	1763	11.1	12.2	1.1	3.25	5.52	34.26						
70	4	1.5/1.5	64	12.2	13.7	1.5	1.70	4.14	31.20						
25	10	1.5/1.5	1765	13.7	15.2	1.5	4.63	11.50	70.30			6.145	17.70	115.2	
50	8	0.8/1.6	1766	15.2	16.8	1.6	5.63	15.23	35.20			1.008	24.208	137.152	
30	4	1.3/1.5	67	16.8	18.3	1.5	2.28	6.28	46.29			3.72	9.42	69.435	
40	12	1.4/1.5	68	18.3	19.8	1.5	3.73	8.77	23.20			5.545	16.155	13.60	
30	12	1.4/1.5	69	19.8	21.3	1.5	3.25	7.47	20.24			5.175	11.985	11.985	
25	8	1.2/1.6	1770	21.3	22.9	1.6	2.09	9.46	41.44			6.448	15.136	150.304	
30	18	1.5/1.5	71	22.9	24.4	1.5	6.20	12.50	24.42			9.30	18.75	157.38	
60	18	1.5/1.5	72	24.4	25.9	1.5	5.42	10.18	28.31			8.13	15.225	113.655	
30	7	1.5/1.5	73	25.9	27.4	1.5	4.23	6.02	70.00			6.375	9.03	107.49	
25	1	1.6/1.6	1774	27.4	29.0	1.6	.05	1.18	13.43						
			W.A	13.7	16.8	3.1	5.15	15.52	51.4			15.953	41.408	282.352	
			W.A	13.7	20.9	12.1	4.49	12.62	70.2			34.321	128.579	848.711	
			W.A	22.9	20.1	3.0	5.81	11.0	10.3			17.43	33.975	271.035	
			W.A	13.7	27.4	13.6	4.46	10.12	10.3			60.646	137.609	956.201	

76-U38

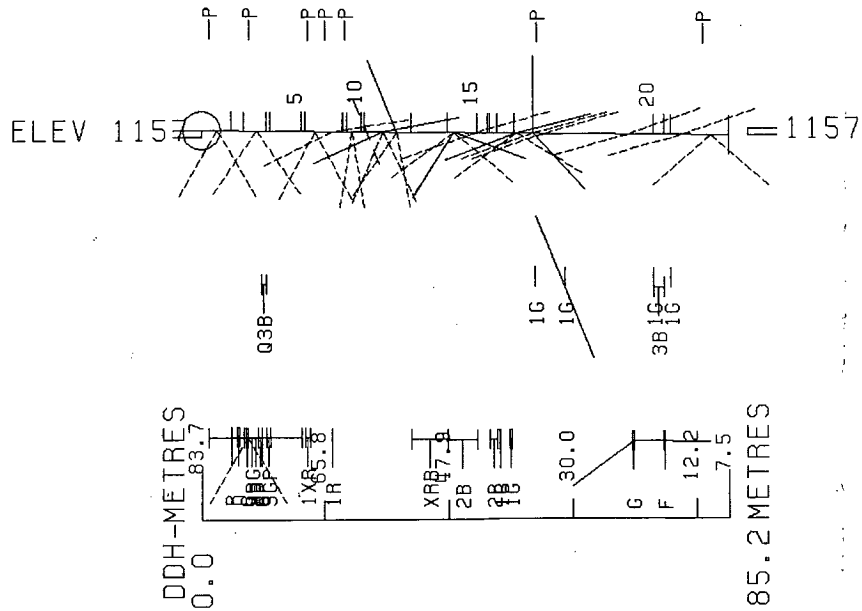







# DDH: FAGU038 -- 42 DEGREE PROFILE ( VIEW AZIMUTH = 312 DEGREES )

ELEV: 1157      592377E ; 904839N  
 PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0  
 CORRECTED COLLAR POSITION: X = 434.0    Z = 1173.5  
 SECTION NAME: 66W




 CYPRUS ANVIL MINING CORPORATION  
 PROGRAM DH161    2 NOV 1984    9:41 AM

# DDH: FAGU038 -- 42 DEGREE PROFILE

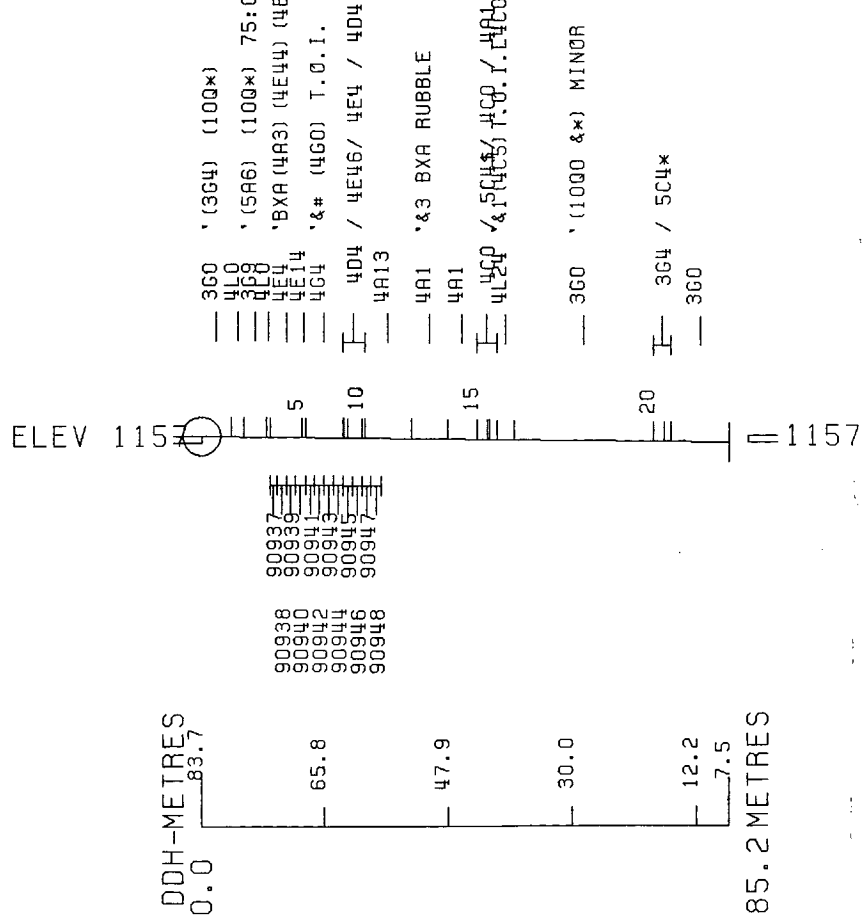
( VIEW AZIMUTH = 312 DEGREES )

ELEV: 1157 592377E ; 904839N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

COMPLETED COLLAR POSITION: X = 434.0 Z = 1173.5

SECTION NAME: CHYD



CYPRUS ANVIL MINING CORPORATION  
PROGRAM DH162 2 NOV 1984 9:44 AM

FAGUO 76

DRILL HOLE : FAGU076  
NORTHING : 904,807.9  
EASTING : 592,426.6  
ELEVATION : 1,164.3  
TOTAL DEPTH : 65.5  
SECTION : W 67  
R.F.E. : S2  
RFE DIRECTION: 230  
PLUNGE ANGLE : 11  
PLUNGE DIRECT: 312  
CHD CALC: 1  
SS CALC: 0

## DETAIL RECORD COUNTS:

NOS CRE-SAMPLES: 9  
NOS DOWN-H-SURVEYS: 1  
NOS DOWN-H-LITHCLOGY: 12  
NOS DOWN-H-STRUCTURE: 0  
NOS DOWN-H-FAULTS: 18  
NOS DOWN-H-SPLINES: 1  
NOS COMPOSITES: 0

DDH: FAGUC76 UTM-N: 9047807.8 UTM-E: 5487406.5 UTM-DIV: 1/164.0 TOTAL DEPTH: 65.5 SECTION: W 67  
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 0

-----ASSAYS-----

---DEPTHS---	SAMPLE	INT.	REC.	ROCK	S.G.	CU	PB	ZN	AG(AA)	AG(FA)	AL(FA)	PO	PY	TCT	BAO	HG	MN	AS	EA	S.G.	
FROM TO	NO.			UNIT	PULP	%	%	%	G/MT	G/MT	G/MT	%	%	FE	%	%	%	%	%	W.R.	
27.4 29.3	90949	1.9	1.5	4E4			3.90	5.00	50.40												
29.3 30.5	90950	1.2	1.2	4E4			5.15	7.05	93.70												
30.5 32.0	90951	1.5	1.5	4E4			4.60	5.95	73.70												
32.0 32.8	90952	.8	.8	4E4			6.92	10.21	86.70												
32.8 34.3	90953	1.5	1.4	4E4			4.30	5.10	57.60												
34.3 36.4	90954	2.1	2.0	4D4			12.04	12.77	183.40												
36.4 38.5	90955	2.1	2.0	4CEA			2.70	1.60	40.50												
38.5 41.1	90956	2.6	2.5	4A3			1.95	1.15	32.20												
41.1 42.7	90957	1.6	1.4	4A3			1.20	.25	20.20												

WEIGHTED AVERAGE

27.4 42.7 15.3 14.3 4.60 4.97 68.54

COH: FAGUC76

UTM-N: 9547327.9    UTM-E: 5927426.6    UTM-ELEV: 12184.3    TOTAL DEPTH: 65.0  
 RFE: S2    RFE DIP: 230    PLUNGE ANGLES: 11    312    DHD CALC: 1    SS CALC: 0

SECTION: W 67

DEPTH	ZENITH	AZIMUTH
0.000	84.300	171.300

BJH: FAGUC76

UTM-N: 9047807.9

UTM-E: 5727426.6

UTM-ELEV: 17164.3

TOTAL DEPTH:

65.5 SECTION: W

67

RFE: S2

RFE DIF:

230 PLUNGE ANGLES:

11

312 DHD CALC:

1 SS CALC:

0

DEPTH	UNIT	CODE	DESC	RECOVERY	INC
3.7	OCC1	3G0	(100* PY)	0.5-	1
5.0	OCC2	5D4\$		0.5-	1
19.2	OCC3	4AC		0.5-	1
27.4	OCC4	4AC	33 BXA ZONES	0.5-	1
34.0	OCC5	4E4	81 LOCAL (400) MINCR	0.5-	1
36.1	OCC6	4D4	DUCTILE BXA	0.5-	1
37.2	OCC7	4CC	(4E4) (4C53 -> 4A3) BXA	0.5-	1
37.9	OCC8	4E4		0.5-	1
42.8	OCC9	4A3	(4L ) MINCR E.O.I.	0.5-	1
45.7	OC10	3G0	39 3\$	0.5-	1
46.2	OC11	4L0	-> (3G4)	0.5-	1
65.5	OC12	5B2C	(5B26\$)	0.5-	1

DDH: FAGUC76 UTM-N: 904,907.9 UTM-E: 592,428.6 UTM-ELEV: 1,104.3 TOTAL DEPTH: 65.5 SECTION: A 67  
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 0

DDH	F DEPTH	T DEPTH	FEAT	REC	CC	PARLL	UPPER PLANE	INTERNAL PLANE	LOWER PLANE	DHD	
FAGUC76	0.1	0.5	NP				0	0	0	0	1
FAGUC76	5.0	19.2	3B				0	0	0	0	1
FAGUC76	5.0	19.2	1XD				0	0	0	0	1
FAGUC76	19.2	27.4	2X				0	0	0	0	1
FAGUC76	26.8	27.4	3X				0	0	0	0	1
FAGUC76	27.4	28.0	RX				0	0	0	0	1
FAGUC76	28.8	29.5	RX				0	0	0	0	1
FAGUC76	33.5	34.0	RX				0	0	0	0	1
FAGUC76	34.0	36.1	3D				0	0	0	0	1
FAGUC76	36.1	37.2	D				0	0	0	0	1
FAGUC76	37.9	42.8	X2B				0	0	0	0	1
FAGUC76	0.0	42.8	1G				0	0	0	0	1
FAGUC76	0.0	46.2	1F				0	0	0	0	1
FAGUC76	60.0	61.5	G				99	999	0	0	1
FAGUC76	61.7	61.9	1G				0	0	0	0	1
FAGUC76	46.2	65.5	3B				0	0	0	0	1
FAGUC76	63.0	65.5	G				0	0	0	0	1
FAGUC76	64.0	65.5	NP				0	0	0	0	1

UTM-N=000 UTM-E=000 (2000)

DDH: FAGUC76

UTM-N: 904, 907.3  
RFE: 32

UTM-E: 392, 426.6  
RFE DIR: 230

UTM-ELEV: 1, 1.4.7  
PLUNGE ANGLES: 11 312  
DHD CALC: 1

TOTAL DEPTH: 1  
SS CALC: 0

SECTION: W 67

DDH SEGMENT NOS CCND INDICATOR

FAGUC76 1 1

OFF SECTION  
NO STRUCT OR ASSAY  
LOG REQUIRED

67W

CYPRUS ANVIL MINING CORPORATION

Page 1 of 4

DIAMOND DRILL CORE LOG

Date: \_\_\_\_\_

Hole Number: FAG 4 076

Reference Fabric Orientation Diagram:

Project: GRUM

Location: 67W.

Claim: \_\_\_\_\_

UTM ~~Terr. Plane~~  
Co-ords.: 6904807.9 N

Conversion of  
K-A surveyed grid  
co-ords  
Grid  
Co-ords: 592426.6 E

All symmetry determinations looking

Elevation: 1164.53

\_\_\_\_\_ with \_\_\_\_\_ dipping

Total Depth: 65.5

\_\_\_\_\_ with dip azimuth \_\_\_\_\_.

Purpose: \_\_\_\_\_

Reason hole Terminated: \_\_\_\_\_

Logged by: \_\_\_\_\_

Date(s) Logged: \_\_\_\_\_

Drilling Contractor: \_\_\_\_\_

Size CORE From To Collar Cased and Capped: \_\_\_\_\_

Hole Cemented: \_\_\_\_\_

Steel down hole: \_\_\_\_\_

Started: \_\_\_\_\_ Completed: \_\_\_\_\_

274 - 36.4 V.H GRADE 4E etc

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

see ASSAY LOG

*[Handwritten signature]*



Code	From				To				Recov.				No.	Unit	Description
	10	14	16	20	22	24	26	28	30	34	35				
L		100		37									1	3GP	S <sub>2</sub> // c.a.; minor py in OO* breccias // S <sub>2</sub> ; intact except missing 0.5 @ TOI
L		37		50									2	5D4*	dbl, minor py as irreg x cutting blebs
L		50		192									3	4A9	normal exhal. text; m. bln. → heavily bln.; u. cont. // S <sub>2</sub> w/ 2 cm. 4CS @ upper cut ⇒ usual "bleaching" or lt. color. adj. SD/c; much micr brecciation; S <sub>2</sub> 10° to c.a.
L		192		274									4	4A0	#3 c.f. #3 but more pyritic & siliceous; intact w/ many breccia zones; main breccia 26.8-27.4 w/ sulf matrix (breccia w/ 4A0, 000 & 4E0 frags, matrix co py ⇒ gtz & minor dbl; appears to be a fault breccia w/ upper cut inditer but cuts S <sub>2</sub> , lower inditer: could be movement of adj. units during def <sup>m</sup> .
L		274		340									5	4E4	#1 locally; 4D0 30.5-30.9, split & bln. prob. orig zones of rubble poss. leached breccias; local sulf in sulf breccias w/ some poss. CO <sub>2</sub> -dissolution; non-cale; rubble: 27.4-28.0, 28.8-29.5 33.5-34.0
L		340		361									6	4D4	heavily duct. flow brecciated due to high ZnS content; 4D0 frags in mass ZnS-PbS-py matrix
L		361		372									7	4C0	(4E4, 4C53 ⇒ 4A3); heavily microbrecciated but intact
L		372		379									8	4E4	mass → w/ bly banded; intact
L		379		428									9	4A3X	normal exhal. text. w/ minor breccia S <sub>2</sub> // c.a.; m. bln. but intact minor 4L FOI; lower cut 4L/000 gauge = @ 45° to c.a.
L		428		457									10	3G0	#9 5* dbl in gtz-sslt. bands in = 1/2 of unit; core split full; minor inditer gauge, best devel. TOI adj. fault
L		457		462									11	4L0	⇒ 3G4 from above 3G0; low cut = fault @ 40° to c.a. S <sub>2</sub> 10° to c.a.





Metres

FAULT

DDH FAGU076  
2 8

Cyprus Anvil Mining Corp.

Page \_\_\_\_\_ of \_\_\_\_\_

Structural Log

Date: \_\_\_\_\_ Logged By: \_\_\_\_\_

Code	From				To				Feature	E S <sub>2</sub>	S <sub>0</sub>		S <sub>1</sub>		S <sub>2</sub>		Description	
	10	14	16	20	22	24	26	28			Dip	Direct.	Dip	Direct.	Dip	Direct.		
I	10	14	16	20	22	24	26	28			32	34	38	40	44			
F		10	1		10	5			NIP									no recovery - at top of DDH
F		15	0		11	9	2		3B									mod broken to heavily broken
F		15	0		11	9	2		11X10									much incipient oxidation
F		11	9	2		12	7	4		21X1								infect w/ many bra zones
																		looks like fault bra
																		contacts IVO
F		12	6	8		12	7	4		31X1								main bra zone - sulph.
																		matrix w/ frags of 4A0,
																		10Q0, 4E0
F		12	7	4		12	8	0		R1X1								} rubble zones / possibly leached bras / local sulphide in sulph bras
F		12	8	8		12	9	5		R1X1								
F		13	3	5		13	4	0		R1X1								
F		13	4	0		13	6	1		31D1								heavily ductile flow brialed
																		4D0 frags no sulph matrix
F		13	6	1		13	7	2		D1								heavily microbialed
F		13	7	9		14	2	8		X121B								minor bra / mod broken
F					14	2	8		1G									gauge @ 45° core axis
F					14	6	2		1F									fault @ 40° C.A.
		14	6	2		16	1	5		31B1								very broken
		16	0	0		16	1	5		G1	9.9	9.9	9.9					upper cut 11S2
																		lower cut cuts S2
		16	1	7		16	1	9		1G								IVO gauge
		16	3	0		16	1	5		G1								gauge
		16	4	0		16	1	5		NIP1								washout - NO CORE



Interval		DESCRIPTION	Py	PbZn	Recovery	Sample No	Interval		Sample Length	Assay					Assay x			
From	To						From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag	
9.2	27.4	QUARTZ SULPHIDES (PF).																
		Dark gray; fine grained phyllite with blebs of sulphides in quartz; sulphides confined to F <sub>2</sub> @ 0-20°.																
		12.2-12.6: Traces of graphite and-1% PbZn.																
		13.1: Traces of galena.																
			5	Tr	9.7		9.2	18.3	9.1									
			15	1	2.8	2624	18.3	21.1	2.8	0.30	1.20	8.91						
			15	Tr.	6.3		21.1	27.4	6.3									
27.4	42.7	QUARTZ SULPHIDES (P).																
		Variously brassy to white; fine grained; low angle bands of F <sub>1</sub> sulphides-25-30°. Section of massive sulphides. Sections of high grade PbZn within and without massive sections.	55	10	1.5	2625	27.4	29.3	1.9	3.90	5.00	50.40			7.41	9.50	95.76	
			50	14	1.2	2626	29.3	30.5	1.2	5.15	7.05	83.66			6.18	8.46	100.39	
			45	14	1.5	2627	30.5	32.0	1.5	4.60	5.85	73.71			6.90	8.775	170.56	
			40	15	0.8	2628	32.0	32.8	0.8	6.92	10.21	86.74			5.536	8.168	69.392	
			30	8	1.4	2629	32.8	34.3	1.5	4.30	5.10	57.60			6.45	7.65	86.4	
			25	25	2.0	2630	34.3	36.4	2.1	12.04	12.77	83.43			25.284	26.817	385.20	
			30	5	2.0	2621	36.4	38.5	2.1	2.70	1.60	40.46						
			20	Tr.	2.5	2632	38.5	41.1	2.6	1.95	1.15	32.23						
			20	1	1.4	2633	41.1	42.7	1.6	1.20	0.25	20.23						
							W.Av.	27.4	36.4	9	6.42	7.71	94.19			57.76	69.37	847.71
							W.Av.	32.0	36.4	4.4	8.47	9.69	22.95			37.270	42.635	540.99



DDH: FAGU076 -- 42 DEGREE PROFILE  
( VIEW AZIMUTH = 312 DEGREES )

ELEV: 1164      592427E ; 904808N

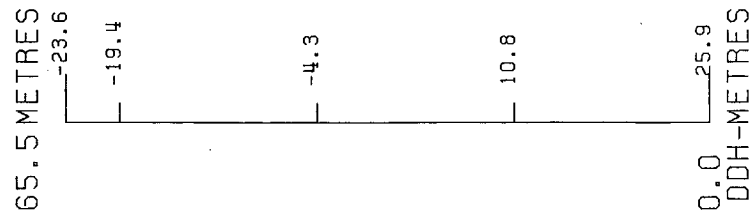
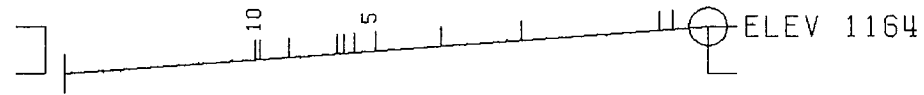
PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 444.5    Z = 1169.3

SECTION NAME: 66W



CYPRUS ANVIL MINING CORPORATION  
PROGRAM DH161    2 NOV 1984 10:09 AM



# DDH: FAGU076 -- 42 DEGREE PROFILE


( VIEW AZIMUTH = 312 DEGREES )

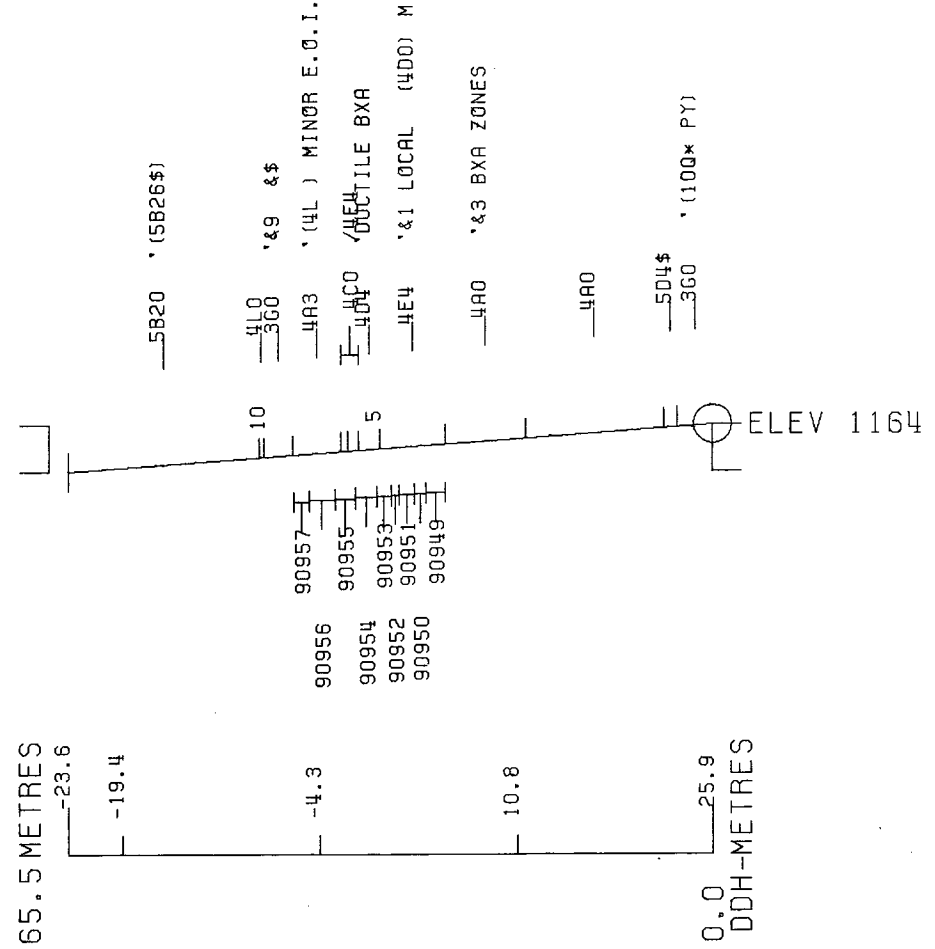
ELEV: 1164 . . 592427E ; 904808N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 444.5 Z = 1169.3

SECTION NAME: 66W


 CYPRUS ANVIL MINING CORPORATION  
 PROGRAM DH162 2 NOV 1984 10:10 AM



FAGU 14 1

84/10/16

## GRUM DATABASE - QUIZ REPORT

PAGE 13

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

DDH	SAMPLE	ROCK UNIT	NORMATIVE MINERALS - WEIGHT %							*	NORMATIVE MINERALS - VOLUME %									
			CPY	GA	SP	PO	PY	BAR	OTHER		CPY	GA	SP	PO	PY	BAR	OTHER			
FAGU141	9465	4A0	.52	.68	2.89					95.91	*									
	9466	4A0	.75	.43	2.36					96.47	*									
	9467	4A0	.43	.67	1.36					97.54	*									
	9468	4A0	.40	.50	2.12	2.82	40.64			53.52	*	.33	.23	1.83	2.12	28.13				67.36
	9469	4A4	.43	5.20	10.44	2.55	35.27			46.12	*	.37	2.49	9.39	1.99	25.39				60.36
	9470	4E4	.43	8.55	18.93	3.66	60.64			7.78	*	.47	5.24	21.78	3.67	55.82				13.02
	9471	4E4	.23	9.01	18.34	3.10	61.29			8.04	*	.25	5.54	21.13	3.10	56.50				13.47
	9472	4D0	.20	5.77	9.69	3.40	57.42			23.52	*	.20	3.21	10.09	3.08	47.82				35.61
	9473	4E4	.14	8.08	20.42	3.57	45.38			22.40	*	.14	4.45	21.09	3.20	37.48				33.64
	9474	4G4	.49	4.27	11.78	.98	63.01			19.47	*	.50	2.42	12.52	.90	53.57				30.10
	9475	4D4	.35	9.59	19.23	3.87	39.78			27.18	*	.33	5.14	19.35	3.38	32.02				39.78
	9476	4D34	.55	2.25	19.08	3.51	46.88			27.73	*	.51	1.18	18.76	3.00	36.88				39.66
	9477	4A4	.35	8.43	9.54	2.20	39.57			35.91	*	.31	4.24	9.00	1.81	29.87				54.77
	9478	4D4	.92	7.28	10.14	3.87	40.86			36.93	*	.84	3.71	9.68	3.21	31.23				51.32
	9479	4D4	.49	7.04	6.86	2.48	43.87			39.25	*	.44	3.56	6.50	2.05	33.29				54.15
	9480	4C3	1.13	3.00	2.09	3.30	64.30			26.18	*	1.10	1.65	2.15	2.96	52.95				39.20
	9481	4D43	.61	8.78	15.95	4.81	27.53			42.33	*	.53	4.30	14.64	3.84	20.21				56.49
	9482	4GE4	.49	6.01	12.52	3.37	50.54			27.08	*	.47	3.24	12.66	2.96	40.86				39.81
	9483	4G4	.14	4.62	12.22	.80	18.28			63.93	*	.11	2.00	9.93	.57	11.88				75.52

DRILL HOLE : FAGU141  
NORTHING : 904,787.4  
EASTING : 592,442.5  
ELEVATION : 1,167.8  
TOTAL DEPTH : 96.2  
SECTION : W 66  
R.F.E. : S2  
RFE DIRECTION: 230  
PLUNGE ANGLE : 11  
PLUNGE DIRECT: 312  
DHD CALC: 1  
SS CALC: 1

## DETAIL RECORD COUNTS:

NOS ORE-SAMPLES: 19  
NOS DOWN-H-SURVEYS: 3  
NOS DOWN-H-LITHOLOGY: 27  
NOS DOWN-H-STRUCTURE: 15  
NOS DOWN-H-FAULTS: 11  
NOS DOWN-H-SPLINES: 3  
NOS COMPOSITES: 0

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

---DEPTHS---		SAMPLE NO.	INT.	REC.	ROCK UNIT	S.G. PULP	CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	-----ASSAYS-----										
FROM	TO											AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.	
.0	2.2	09465	2.2	1.1	4A0		.18	.59	1.94	26.00												
2.2	4.5	09466	2.3	2.2	4A0		.26	.37	1.58	25.00												
4.5	5.7	09467	1.2	1.2	4A0		.15	.58	.91	24.00												
5.7	7.6	09468	1.9	1.9	4A0	3.50	.14	.43	1.42	18.00			.62	1	18	20						
7.6	9.2	09469	1.6	1.5	4A4	3.60	.15	4.50	7.00	66.00			1.44	1	16	18						
9.2	10.8	09470	1.6	1.6	4E4	4.81	.15	7.40	12.70	103.00	108.00		3.29	2	28	30						
10.8	12.5	09471	1.7	1.7	4E4	4.65	.08	7.80	12.30	118.00			1.78	1	28	30						
12.5	13.0	09472	.5	.5	4D0	4.07	.07	5.00	6.50	98.00			1.37	2	26	28						
13.0	14.0	09473	1.0	1.0	4E4	4.18	.05	7.00	13.70	96.00			1.37	2	21	23						
14.0	14.4	09474	.4	.4	4G4	4.58	.17	3.70	7.90	68.00			1.78			29	29					
14.4	16.4	09475	2.0	2.0	4D4	4.03	.12	8.30	12.90	130.00			1.92	2	18	20						
16.4	17.6	09476	1.2	1.2	4D34	3.58	.19	1.95	12.80	39.00			1.71	2	21	24						
17.6	18.5	09477	.9	.9	4A4	3.75	.12	7.30	6.40	95.00			2.33	1	18	19						
18.5	19.9	09478	1.4	1.4	4D4	3.80	.32	6.30	6.80	93.00			2.40	2	19	21						
19.9	21.3	09479	1.4	.8	4D4	3.82	.17	6.10	4.60	98.00			2.19	1	20	21						
21.3	22.4	09480	1.1	1.1	4C3	4.39	.39	2.60	1.40	46.00	49.00		2.88	2	29	32						
22.4	24.1	09481	1.7	1.3	4D43	3.61	.21	7.60	10.70	125.00			1.99	3	12	15						
59.8	61.5	09482	1.7	1.7	4GE4	4.40	.17	5.20	8.40	93.00			.89	2	23	25						
61.5	62.7	09483	1.2	1.2	4G4	4.48	.05	4.00	8.20	76.00			.62		8	9						
WEIGHTED AVERAGE																						
.0	24.1		24.1	21.8		3.04	.17	4.38	6.92	72.35	9.40		1.47	1	16	17						
59.8	62.7		2.9	2.9		4.43	.12	4.70	8.31	85.96			.77	1	17	18						

02APR84 GRUM

DOWN-HOLE SURVEYS (DH02C)

PAGE: 10

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

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

DDH: FAGU141 UTM-N: 9C4,787.4 UTM-E: 592,442.5 UTM-ELEV: 1,167.8 TOTAL DEPTH: 96.2 SECTION: W 66  
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
4.5	0001	4A0		0.5-	1
5.7	0002	4A0	BXA	0.5-	1
7.6	0003	4A0		0.5-	1
9.2	0004	4A4		0.5-	1
12.5	0005	4E4	-> 4E0 LOCALLY	0.5-	1
13.0	0006	4C0		0.5-	1
14.0	0007	4E4	(4C0)	0.5-	1
14.4	0008	4G4		0.5-	1
17.6	0009	4D4	(4C3) (4A1) MINOR	0.5-	1
18.5	0010	4A4		0.5-	1
22.4	0011	4D4	(4C3)	0.5-	1
24.1	0012	4D43		0.5-	1
26.4	0013	4L0		0.5-	1
28.2	0014	5B26		0.5-	1
29.0	0015	5B0\$	84	0.5-	1
45.1	0016	5B2\$		0.5-	1
45.7	0017	5B26	?	0.5-	1
58.9	0018	5B2\$		0.5-	1
59.4	0019	5B26	?	0.5-	1
62.7	0020	4GE	[4E0 (4G0)]	0.5-	1
67.0	0021	5A0	?	0.5-	1
69.1	0022	5B2\$		0.5-	1
71.2	0023	4L0		0.5-	1
91.2	0024	5B80		0.5-	1
92.5	0025	5DC		0.5-	1
93.6	0026	5B80		0.5-	1
96.3	0027	5B0\$		0.5-	1

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

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

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

DDH	F DEPTH	T DEPTH	FEAT REC CD	PARLL	UPPER PLANE	INTERNAL PLANE	LOWER PLANE	DHD
FAGU141	4.5	5.7	D		0	0	0	1
FAGU141	9.6	9.8	D		0	0	0	1
FAGU141	23.2	24.1	X?D		0	0	0	1
FAGU141	0.0	24.1	G		0	0	0	1
FAGU141	0.0	26.4	G		0	0	0	1
FAGU141	26.4	28.2	3B		0	0	0	1
FAGU141	29.0	45.1	3B		0	0	0	1
FAGU141	45.1	45.7	G		0	0	0	1
FAGU141	58.9	59.8	G		0	0	0	1
FAGU141	61.0	61.3	1D		0	0	0	1
FAGU141	62.7	67.0	G		0	0	0	1

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

DDH SEGMENT NOS COND INDICATOR

FAGU141	1	2
FAGU141	2	2
FAGU141	3	1

CYPRUS ANVIL MINING CORPORATION

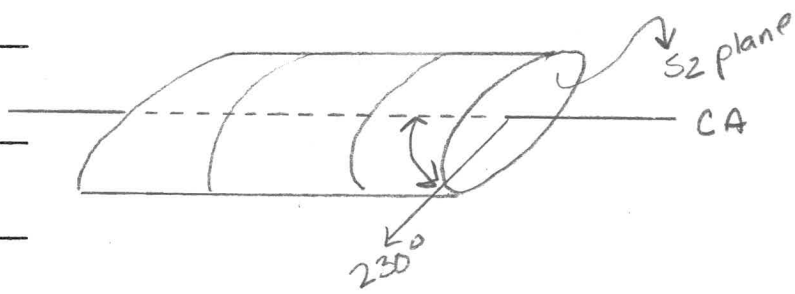
DIAMOND DRILL CORE LOG

Hole Number: 76-11141

Fabric Orientation Diagram:

Project: Grum Releg

Location: Vangorda Plateau



Claim: \_\_\_\_\_

*Conversion  
of K-A Survey  
grid co-ords  
UTM*

Terr. Plane  
Co-ords.: 366  
6904787.7870 N

4946  
592442.8602 E

Grid  
Co-ords.: 66W/2N

All symmetry determinations looking

NW with S<sub>2</sub> dipping

SW with dip azimuth 230.

Elevation: 846  
1167.95

Total Depth: 96.3 m

Purpose: \_\_\_\_\_

Logged by: JSM Date(s) Logged: \_\_\_\_\_

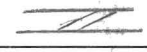
Drilling Contractor: \_\_\_\_\_ Core: Size From To Collar Cased and Capped: \_\_\_\_\_

Core	Size	From	To	Collar Cased and Capped
<u>BD</u>	<u>0</u>	<u>0</u>	<u>96.3</u>	
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

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



Lithologic Log

Code	From	To	Unit	Code	Description
	10 14 16 20 22 23 25 27				
L	100	145	1	4A10	1-2% PbZn fractured <sup>sub</sup> //ca.
L	145	157	2	4A10	bxia well healed, py qtzite clasts + graphitic matrix
L	157	176	3	4A10	1-2% PbZn 7.0-7.3 py qtz bands 0.08m width.
L	176	192	4	4A14	10% PbZn gradational lower etc over 0.2m minor cp.
L	192	125	5	4E14	High grade though TOI + EOI → 4E0 20-25% PbZn note - well heated sfd bxia @ ~9.6-9.8 fractures sub//c.a.
					-qtz @ 10.6 (ie 4C0) 0.1m.
L	125	130	16	4C10	banded py + qtz 35° to C.A. 
L	130	140	7	4E4	(4C0) 20-25% PbZn qtz as 2 narrow 0.1m bands - 13.5 & 13.8m
L	140	144	8	4G10	v. little PbZn visible foldage??
L	144	176	9	4D4	(4C3) PbZn concentrated in thick (→ 1.0m) bands, qtz concentrated in PbZn poor zones This interval could be broken down more but that would be too nit picky eg 15.8-16.1 (4E4(4A1)) & 16.4-17.6 4C3 (portions of unit sulphide supported bx i.e. foldage)
L	176	185	10	4A14	
L	185	224	11	4D4	(4C3) as unit 9 the concentrations of PbZn are not easily broken out. Interval ends w/ a well banded 4C3 (21.3-22.4) but banding is ⊥ to C.A. ∴ vertical (unusual)
L	224	241	12	4D4	Higher grade than unit 11. Upper part of unit banded qtz/sulphides, lower 0.9m = massive PbZn minor py 20% qtz poss. bxtel into sulphide supported bx (pass foldage?)
L	241	264	13	4L0	gouge @ TOI + EOI
L	264	282	14	5B2	Very broken core which could be due to the inclination of hole relative to foliation (s <sub>2</sub> ) rather than due to structural disturbance
L	282	290	15	5B1	w/ FeCO <sub>3</sub> incipient white mica (5B4?) (4L5?)
L	290	451	16	5B2	w/ FeCO <sub>3</sub> core broken as unit 14
L	451	457	17	5B2	? gouge
L	457	589	18	5B2	FeCO <sub>3</sub> as before
L	589	598	19	5B2	? gouge
L	598	627	20	4G1E	(4C0) interbanded 4G0/4E0 to 61.5; 4G0 61.5-62.7 weak bx 61.0-61.3
L	627	670	21	5A0	? black graphitic gouge
L	670	691	22	5B2	FeCO <sub>3</sub>
L	691	712	23	4L0	(5B4, nosfds)
L	712	912	24	5B80	strongly calc
L	912	925	25	5D3	massive green, strongly calc
L	925	936	26	5B80	as 24

NB change by nit picker the ultimate

Dist change











# DIAMOND DRILL RECORD

LOGGED BY

ALEXANDER YOUNG-PO

D.D.H. No 76-U-141

PAGE 1

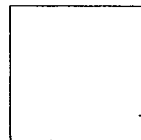
PROPERTY GRUM JOINT VENTURE

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

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

 ELEVATION 1,178.564 ? Drift PROPOSED DEPTH 120m  
 changed ULTIMATE DEPTH

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


 CLAIM No \_\_\_\_\_  
 NOTE: Hole stopped due to high pressure water and squeezing ground.  
 DIRECTION AND DISTANCE FROM N.E. CLAIM POST

TOTAL CORE RECOVERY: 78%

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







# DDH: FAGU141 -- 42 DEGREE PROFILE

( VIEW AZIMUTH = 312 DEGREES )

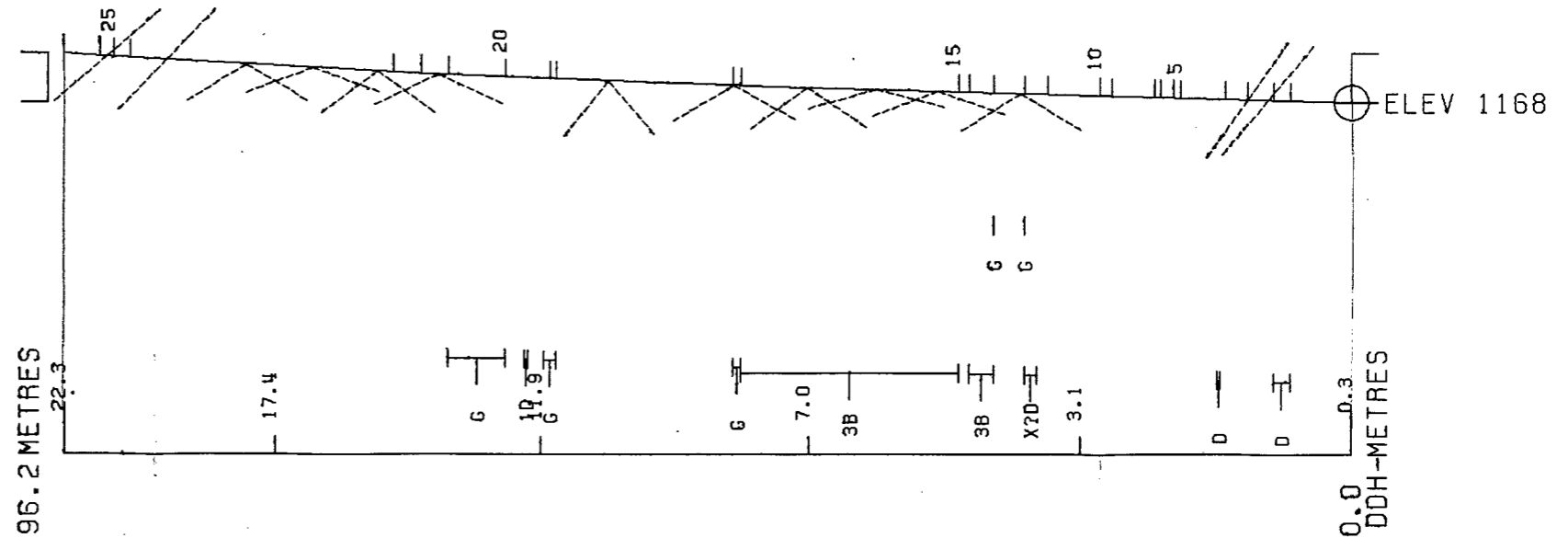
ELEV: 1168      592443E ; 904787N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 439.9    Z = 1167.9

SECTION NAME: 66W

\* CYPRUS ANVIL MINING CORPORATION  
PROGRAM DH161 24 MAY 1984 4:44 PM



# DDH: FAGU141 -- 42 DEGREE PROFILE

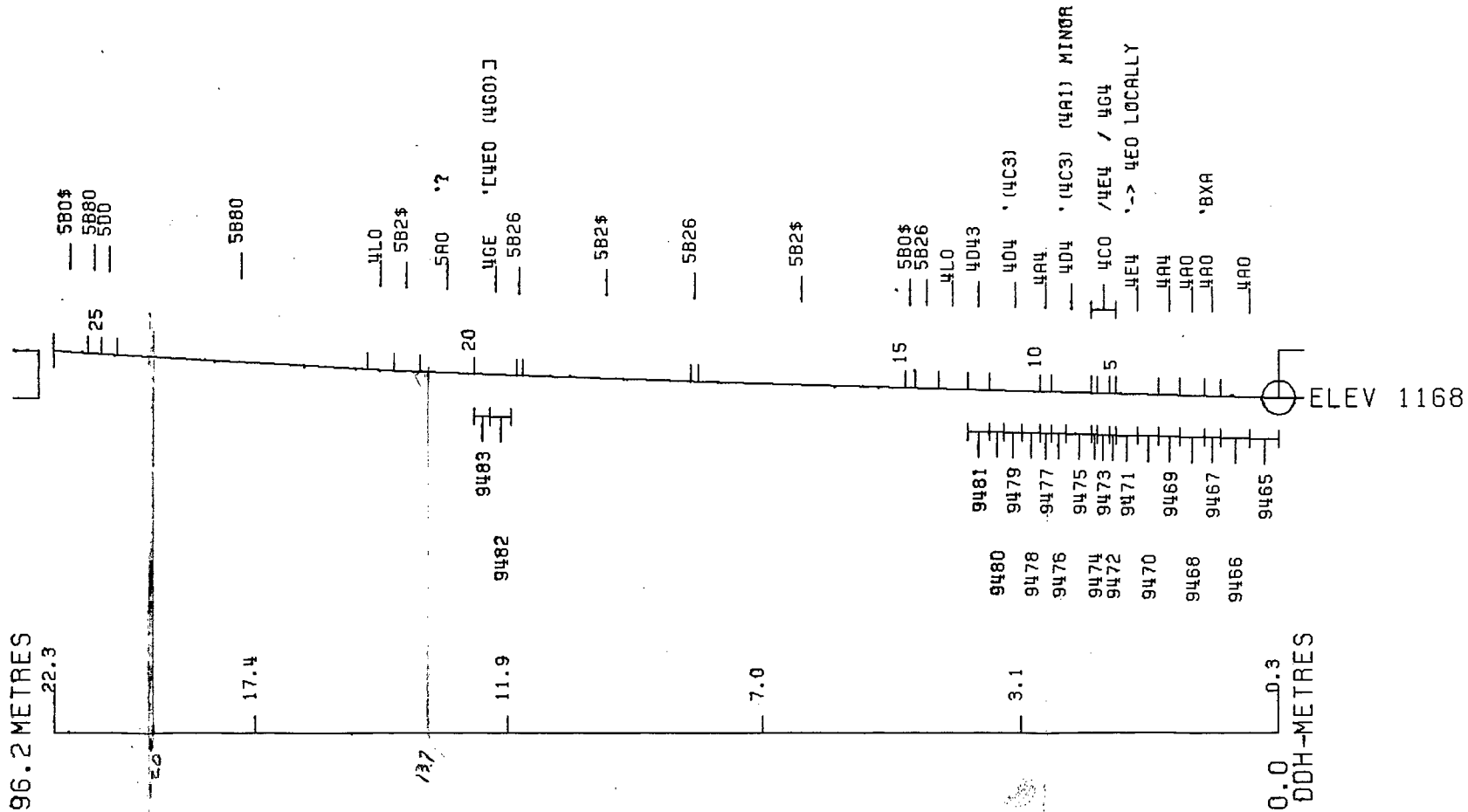
( VIEW AZIMUTH = 312 DEGREES )

ELEV: 1168 592443E ; 904787N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 439.9 Z = 1167.9

SECTION NAME: 66W



CYPRUS ANVIL MINING CORPORATION  
PROGRAM DH162 24 MAY 1984 4:43 PM



FAGU 143

DDH	SAMPLE	---DEPTHS---		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		
		FROM	TO																	
																			.50	.54
																			.67	.79
																			.66	.82
																			.42	.71
																			.30	.75
																			.49	.76
																			.16	.29
																			.07	.40
																			.15	.40
																			.05	.43
																			.10	.67
																			.33	.52
																			.16	14.0
																			.08	.71
																			.18	.99
																			.11	.78
																			.22	.80
																			.15	.44
																			.23	.48
																			.23	.48
																			.18	.11.0
																			.14	.60
																			.13	4.0
																			.10	.28
																			.04	.50
																			.05	1.03
																			.04	.45
																			.14	.69
																			.07	.83
																			.08	.43
																			.34	.81
																			.49	.59
																			.27	.87
																			.04	.31
																			.22	.87
																			.04	1.13
																			.91	.81
																			.06	.91
																			.13	.48
																			.06	.25
																			.13	.48
																			.03	.84
																			.16	.19
																			.03	.74
																			.07	.91
																			.07	.74
																			.14	.95
																			.02	.38
																			.14	.14
																			.01	.93
																			.10	.80
																			.01	.05
																			.11	.80
																			.03	.75
																			.08	.12
																			.81	2.26
																			.29	18.13
																			.81	.64
																			.17	5.26
																			.45	23.64
																			.29	.56
																			.17	.69
																			.02	8.51
																			.52	.43
																			.18	9.88
																			.20	21.29
																			.42	.43
																			.68	.43
																			.59	9.79
																			.20	31.02
																			.17	.43
																			.59	7.20
																			.17	26.74
																			.14	.50
																			.36	.64
																			.60	1.43
																			.92	41.22
																			.51	.64
																			.24	1.49
																			.92	41.83
																			.21	.58
																			.87	1.49
																			.21	41.83
																			.33	.60
																			.23	5.46
																			.33	34.31
																			.24	.60
																			.37	5.46
																			.30	36.94
																			.30	.42
																			.30	3.25
																			.27	31.71
																			.87	32.17
																			.21	.40
																			.22	.40
																			.21	13.30
																			.60	16.24
																			.70	.65
																			.89	7.03
																			.11	25.19
																			.60	.70
																			.13	.54
																			.16	.10
																			.46	.54
																			.55	.58
																			.41	.97
																			.46	.58
																			.56	.61
																			.41	.61
																			.42	.58
																			.67	.58
																			.15	.31
																			.44	.64
																			.71	.44
																			.20	1.21
																			.21	.64
																			.47	.44
																			.23	1.47
																			.43	.64
																			.78	.44
																			.80	.56
																			.64	.44
																			.21	.86
																			.48	.72
																			.38	.96



DRILL HOLE : FAGU143  
NORTHING : 904,790.7  
EASTING : 592,445.9  
ELEVATION : 1,166.9  
TOTAL DEPTH : 132.6  
SECTION : W 66  
R.F.E. : S2  
RFE DIRECTION: 230  
PLUNGE ANGLE : 11  
PLUNGE DIRECT: 312  
DHD CALC: 1  
SS CALC: 1

## DETAIL RECORD COUNTS:

NOS ORE-SAMPLES: 54  
NOS DOWN-H-SURVEYS: 3  
NOS DOWN-H-LITHOLOGY: 30  
NOS DOWN-H-STRUCTURE: 27  
NOS DOWN-H-FAULTS: 6  
NOS DOWN-H-SPLINES: 3  
NOS COMPOSITES: 0



DDH: FAGU143 UTM-N: 904,790.7 UTM-E: 592,445.9 UTM-ELEV: 1,166.9 TOTAL DEPTH: 132.6 SECTION: W 66  
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

---DEPTHS---		SAMPLE NO.	INT.	REC.	ROCK UNIT	-----ASSAYS-----													
FROM	TO					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 %
112.7	114.7	09769	2.0	2.0	4C79		.32	.43	.78	8.00									
114.7	116.7	09770	2.0	2.0	4C79		.47	.83	.64	18.00									
116.7	118.7	09771	2.0	2.0	4C79		.39	.38	.48	11.00									
118.7	120.7	09772	2.0	2.0	4C79		.18	.27	.69	7.00									
120.7	121.8	09773	1.1	1.1	4C79		.30	.18	.55	6.00									
121.8	123.8	09774	2.0	2.0	4L24		.17	.18	.30	5.00									
123.8	125.8	09775	2.0	1.9	4L24		.06	.28	.44	3.00									
125.8	128.0	09776	2.2	2.1	4L24		.03	.32	1.00	4.00									

WEIGHTED AVERAGE

.0	42.7	42.7	39.7			.14	.15	.39	8.96										
58.0	62.8	4.8	5.7			.08	.08	.14	3.00										
64.0	70.0	6.0	5.2			.10	.03	.38	3.66										
72.0	76.0	4.0	4.0			.09	.02	.06	2.50										
76.8	82.3	5.5	4.9			3.11	.08	.98	1.64	26.56	2.24	2	12	15					
83.3	128.0	44.7	44.3			2.02	.25	1.45	1.77	25.62	1.42	.91	2	12	14				

02APR84 GRUM

DOWN-HOLE SURVEYS (DH020)

PAGE: 19

DDH: FAGU143 UTM-N: 904,790.7 UTM-E: 592,445.9 UTM-ELEV: 1,166.9 TOTAL DEPTH: 132.6 SECTION: W 66  
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	115.000	44.000
67.100	124.000	48.000
121.900	134.000	55.000

DDH: FAGU143 UTM-N: 904,790.7 UTM-E: 592,445.9 UTM-ELEV: 1,166.9 TOTAL DEPTH: 132.6 SECTION: W 66  
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
42.7	0C01	4A0		0.5-	1
46.2	0C02	4L0		0.5-	1
48.6	0003	5B1	(4L0)	0.5-	1
49.2	0C04	4L0		0.5-	1
54.2	0C05	5A0	(5B26)	0.5-	1
58.0	0006	5B26		0.5-	1
62.8	0C07	4A0		0.5-	1
64.0	0C08	5D4*		0.5-	1
76.0	0009	4A0		0.5-	1
76.8	0C10	5D4*		0.5-	1
78.2	0C11	4A0		0.5-	1
78.6	0C12	4E4		0.5-	1
78.9	0C13	4L12		0.5-	1
79.4	0C14	4A0		0.5-	1
79.5	0C15	5D4*		0.5-	1
80.8	0C16	4E4		0.5-	1
82.3	0C17	4A0		0.5-	1
83.3	0C18	5D4	-> 5D4\$	0.5-	1
88.4	0C19	4G4#	(4E4) 90:10	0.5-	1
98.5	0C20	4E8	8# 86	0.5-	1
99.8	0C21	4E4	POROUS	0.5-	1
100.2	0C22	5D4\$	? BIO	0.5-	1
100.7	0C23	4E46	8#	0.5-	1
102.7	0C24	4D08		0.5-	1
113.3	0C25	4C87	9 GARNET	0.5-	1
121.8	0C26	4C79	GARNET	0.5-	1
128.0	0C27	4L24	(4L624)	0.5-	1
129.9	0C28	4L62	4 AFTER 5D?	0.5-	1
131.9	0C29	5D0	[3B3]	0.5-	1
132.6	0C30	4L62	4 AFTER 5D?	0.5-	1

DDH: FAGU143 UTM-N: 904,790.7 UTM-E: 592,445.9 UTM-ELEV: 1,166.9 TOTAL DEPTH: 132.6 SECTION: W 66  
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE DIRECT	S1 ANGLE DIRECT	S2 ANGLE DIRECT	RFE	CDE	DHDC	SDC	PROCESS
FAGU143	0.0	6.0	CS2		0	0	34	230	0	1	1	1
FAGU143	0.0	10.8	CS2		0	0	41	230	0	1	1	1
FAGU143	0.0	15.1	CS2		0	0	52	230	0	1	1	1
FAGU143	0.0	20.5	CS2		0	0	31	230	0	1	1	1
FAGU143	0.0	25.9	CS2		0	0	45	230	0	1	1	1
FAGU143	0.0	30.1	CS2		0	0	50	230	0	1	1	1
FAGU143	0.0	35.2	CS2		0	0	32	230	0	1	1	1
FAGU143	0.0	40.1	CS2		0	0	39	230	0	1	1	1
FAGU143	0.0	42.7	CS2		0	0	78	230	0	1	1	1
FAGU143	0.0	46.2	CS2		0	0	47	230	0	1	1	1
FAGU143	0.0	48.9	CS2		0	0	58	230	0	1	1	1
FAGU143	0.0	54.3	CS2		0	0	55	230	0	1	1	1
FAGU143	0.0	58.3	CS2		0	0	50	230	0	1	1	1
FAGU143	0.0	64.8	CS2		0	0	40	230	0	1	1	1
FAGU143	0.0	70.0	CS2		0	0	66	230	0	1	1	1
FAGU143	0.0	75.2	CS2		0	0	38	230	0	1	1	1
FAGU143	0.1	76.0	CS2	S	0	0	0	0	0	1	1	1
FAGU143	0.0	80.0	PS2		0	0	55	230	0	1	1	1
FAGU143	0.0	100.1	PS2		0	0	70	230	0	1	1	1
FAGU143	0.0	108.9	PS2		0	0	52	230	0	1	1	1
FAGU143	0.0	115.8	PS2		0	0	67	230	0	1	1	1
FAGU143	0.0	121.9	PS2		0	0	60	230	0	1	1	1
FAGU143	0.0	127.1	PS2		0	0	74	230	0	1	1	1
FAGU143	76.0	129.5	PS2	P	0	0	0	0	0	1	1	1
FAGU143	0.0	130.2	PS2		0	0	55	230	0	1	1	1
FAGU143	0.0	132.5	PS2		0	0	57	230	0	1	1	1
FAGU143	129.5	132.6	CS2	M	0	0	0	0	0	1	1	1

DDH: FAGU143 UTM-N: 904,790.7 UTM-E: 592,445.9 UTM-ELEV: 1,166.9 TOTAL DEPTH: 132.6 SECTION: W 66  
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	REC	CD	PARLL	UPPER PLANE	INTERNAL PLANE	LOWER PLANE	DHD
FAGU143	0.1	42.7	1D				0	0	0	1
FAGU143	42.7	46.2	G				0	0	70	90
FAGU143	49.2	54.2	G				0	0	0	99
FAGU143	62.8	64.0	RG?				0	0	0	999
FAGU143	67.0	68.5	GX				0	0	0	0
FAGU143	73.2	73.4	GX				0	0	0	0

02APR84 GRUM

DOWN-HOLE SPLINES (DHO20)

PAGE: 23

DDH: FAGU143 UTM-N: 904,790.7 UTM-E: 592,445.9 UTM-ELEV: 1,166.9 TOTAL DEPTH: 132.6 SECTION: W 66  
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DDH SEGMENT NOS COND INDICATOR

FAGU143	1	2
FAGU143	2	2
FAGU143	3	1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

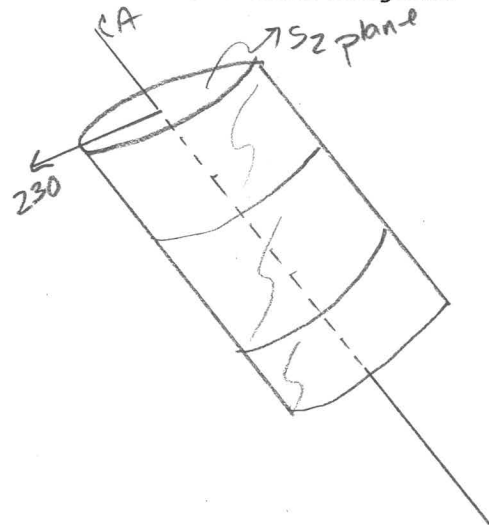
Hole Number: 76-1143

Project: Grum Releg

Location: Vangorda Plateau

Claim: \_\_\_\_\_

Fabric Orientation Diagram:



*ATM  
Conversion of  
K-A Surveyed  
grid co-ords*

Terr. Plane  
Co-ords.: 90.711  
6904789.7403 N

5.9033  
592444.8063 E

Grid  
Co-ords.: 66W/2N

Elevation: 866  
1166.97

All symmetry determinations looking

NW with S<sub>2</sub> dipping

SW with dip azimuth 230.

Total Depth: 132.6m

Purpose: \_\_\_\_\_

Logged by: JSM

Date(s) Logged: August 22 & 25 1980

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

BQ 0 132.6

Started: August 9, 1976 Completed: August 12, 1976



Lithologic Log

Code	From		To		Unit		Code	Description
	10	14	16	20	22	23		
		00		427	1		4A10	heavy on the graphite, less than 1% PbZn, minor bria
0-42.7 4A0		427		462	2		4L10	? gouge; top contact @ 42.7 indeterminate; internal contact @ 46.2
42.7-49.2 4L		462		486	3		5B1	64 (4L0) minor cpy
49.2-58.0 5B2		486		492	4		4L10	(5B2G)
4L0		492		542	5		5A10	? black + gray gouge; top contact @ 49.2 indeterminate; lower contact = 11 S <sub>2</sub> but shallower dip ~ 75-80°/ca.
5B2G		542		580	6		5B26	
		580		628	7		4A10	
5D4*		628		640	8		5D4	not mottled SD? pretty grungy, OGD [5D4* dot.]
		640		760	9		4A10	Recovery? <sup>shitty</sup> 67-68.5 bria & gouge 70% c.a. to SW(?) v. strong
5D4*		760		768	10		5D3	not calcareous mottled dissemin py @ EOT + pyritic post-D <sub>2</sub>
								sfd clasts(?) oriented w/ S <sub>2</sub>
								Transported.
								[5D4* dolomitic]
		768		782	11		4A10	
		782		789	12		4E1L	4E4 @ Top, then 4L12 5D:50 [78.2-78.6 = 4E4 78.6-78.9 = 4L12]
		789		794	13		4A10	
		794		800	14		4E1L	4L12 @ Top then 4E4 20:80 [79.4-79.5 = 5D4* fuchsitic 79.5-80.8 = 4E1f]
Meterage error		800		823	15		4A10	
5D4*		823		833	16		5D4	→ 5D4* dolomitic
		833		884	17		4G4	(4E4) ~ 10% PbZn locally (esp 87.8m) 60% BaSD <sub>4</sub> !!; random calcite or barytocalcite
		884		985	18		4E18	some PbZn @ TOI decreasing to < 10% occasional calcareous & minor baritic nodules minor 4K0 acc. to S <sub>2</sub>
								minor (10%?) qtz clasts → toward EOT mat throughout [4E8] → [4E480*]
		985		998	19		4E14	porous (4G4 leached?) 10-12% PbZn
		998		1010	20		4L10	looks like altered mottled SD w/ biotite ?? no fuchsitic, wholly dolomitic
4E4		1002		1007	21		4E46	5-10% PbZn; may have some barytocalcite
4D0		1002		1027	22		4D08	5-10% PbZn
		1027		1133	23		4C18	79 w/ scattered garnets 1/4" amber colored; pass. Au bet? PD+mat sometimes closely assoc.
		1133		1218	24		4C179	cpy = late, minor → minor pink garnets Au?
4L24		1218		1280	25		4L24	(4L624)
4L624		1280		1299	26		4L624	24; prob. 5D3 as protolith
		1299		1319	27		5D3	[3B3]; good 5D3 lithology
5D3		1319		1326	28		4L624	24; prob. 5D3 as protolith

Code	From		To		Feature	S <sub>1</sub> Dip Direct.	S <sub>2</sub> Dip Direct.		Description
	10	14 16	20	22 24 26 28			32	34	
S			160		C/SZ		34	230	S region 0-76.0
S			108		C/SZ		41	230	only scattered determinations
S			151		C/SZ		52	230	mostly split 4A
S			205		C/SZ		31	230	
S			259		C/SZ		45	230	
S			301		C/SZ		50	230	
S			352		C/SZ		32	230	
S			401		C/SZ		39	230	
S			427		C/SZ		78	230	
									gouge 42.7-46.2
S			462		C/SZ		47	230	
S			489		C/SZ		58	230	
									49.2-54.2 gouge
S			543		C/SZ		55	230	
S			583		C/SZ		50	230	
S			648		C/SZ		40	230	
S			700		C/SZ		66	230	
S			752		C/SZ		38	230	
S			760		FZS				R region 76.0-129.5
S			800		P/SZ		55	230	
S			1010		P/SZ		70	230	→ 4L intbd
S			1089		P/SZ		52	230	
S			1158		P/SZ		67	230	
S			1219		P/SZ		60	230	
S			1271		P/SZ		74	230	
S			1295		FZR				M region 129.5-132.6
S			1302		P/SZ		55	230	
S			1325		P/SZ		57	230	
S			1326		FZM				EDH

DDH 76-4143  
2 8

Cyprus Anvil Mining Corp.

Geochemical Log (Sampler's Copy)

Page 5 of 5  
Logged By: JSM  
Sampled By: KA

Code	From	To	Sample No.	Description
	10 14 16 20	22 27		
P	100	146	41127 KA	4.6 0.8 ✓ 4A0
P	146	176	41128 KA	3.0 1.7 ✓ 4A0
P	176	103	41129 KA	2.7 2.0 4A0
P	103	134	41130 KA	3.1 2.8' 4A0
P	134	168	41131 KA	3.4 1.9 ✓ 4A0
P	168	198	41132 KA	3.0 2.6 4A0
P	198	229	41133 KA	3.1 1.3 ✓ 4A0
P	229	259	41134 KA	3.0 2.6 4A0
P	259	290	41135 KA	3.1 1.9 4A0
P	290	320	41136 KA	3.0 2.5 4A0
P	320	351	41137 KA	3.1 2.0 4A0
P	351	381	41138 KA	3.0 2.3 4A0
P	381	427	41139 KA	4.6 2.1 ✓ 4A0
P	768	792	41140 KA	2.4 2.0 4A0, 4E1, 4A0
P	792	808	41141 KA	1.6 0.8 ✓ 4L12/4E4
P	823	838	41142 KA	1.5 1.2 4L0, 4G4
P	838	853	41143 KA	1.5 1.3 4G4
P	853	869	41144 KA	1.6 1.2 4G4
P	869	884	41145 KA	1.5 1.3 4G4
P	884	899	4251 KA	1.5 1.2 4E8
P	899	914	41146 KA	1.5 0.9 4E8
P	914	930	41147 KA	1.6 1.0 4E8
P	930	945	41148 KA	1.5 1.3 4E8
P	945	960	41149 KA	1.5 1.4 4E8
P	960	975	41150 KA	1.5 1.5 4E8
P	975	991	41151 KA	1.6 1.3 4E8, 4E4
P	991	1006	41152 KA	1.5 0.9 4E4, 4L0, 4E46
P	1006	1021	41153 KA	1.5 1.2 4L0
P	1021	1052	41154 KA	3.1 2.6 4E46, 4C87
P	1052	1082	41155 KA	3.0 2.2 4C87
P	1082	1113	41156 KA	3.1 2.1 4C87
P	1113	1143	41157 KA	3.0 2.0 4C87, 4CL79
P	1143	1173	41158 KA	3.0 1.9 4CL79
P	1173	1204	41159 KA	3.1 3.1 4CL79
P	1204	1234	41160 KA	3.0 3.0 4CL79
P	1234	1265	41161 KA	3.1 3.1 4CL79

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
P		00		20	9673		20		10	34A0		
P		20		40	9674		20		18	4A0		
P		40		60	9675		20		17	4A0		
P		60		80	9676		20		20	4A0		
P		80		100	9677		20		20	4A0		
P		100		120	9678		20		20	4A0		
P		120		140	9679		20		20	4A0		
P		140		160	9680		20		20	4A0		
P		160		180	9681		20		20	4A0		
P		180		200	9682		20		20	4A0		
P		200		220	9683		20		19	4A0		
P		220		240	9684		20		20	4A0		
P		240		260	9685		20		20	4A0		
P		260		280	9686		20		20	4A0		
P		280		300	9687		20		20	4A0		
P		300		320	9688		20		20	4A0		
P		320		340	9689		20		20	4A0		
P		340		360	9690		20		20	4A0		
P		360		380	9691		20		20	4A0		
P		380		400	9692		20		20	4A0		
P		400		427	9693		27		20	4A0		
P		580		604	9694		24		11	4A0		
P		604		628	9695		24		16	4A0		
P		640		660	9696		20		20	4A0		
P		660		680	9697		20		20	4A0		
P		680		700	9698		20		12	4A0		
P		720		740	9699		20		20	4A0		
P		740		760	9700		20		20	4A0		
P		768		789	9751		21		20	4AE		
P		789		800	9752		19		09	4EA		
P		800		823	9753		23		20	4A0		

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	83	3	85	3	97.54	26	28	30	32	34	36	40	42	464					
P	85	3	87	3	97.55	26	28	30	32	34	36	40	42	464					
P	87	3	88	4	97.56	26	28	30	32	34	36	40	42	464					
P	88	4	90	4	97.57	26	28	30	32	34	36	40	42	458					
P	90	4	92	4	97.58	26	28	30	32	34	36	40	42	458					
P	92	4	94	4	97.59	26	28	30	32	34	36	40	42	458					
P	94	4	96	4	97.60	26	28	30	32	34	36	40	42	458					
P	96	4	98	5	97.61	26	28	30	32	34	36	40	42	458					
P	98	5	100	2	97.62	26	28	30	32	34	36	40	42	454					
P	100	2	102	7	97.63	26	28	30	32	34	36	40	42	450					
P	102	7	104	7	97.64	26	28	30	32	34	36	40	42	40879					
P	104	7	106	7	97.65	26	28	30	32	34	36	40	42	40879					
P	106	7	108	7	97.66	26	28	30	32	34	36	40	42	40879					
P	108	7	110	7	97.67	26	28	30	32	34	36	40	42	40879					
P	110	7	112	7	97.68	26	28	30	32	34	36	40	42	40879					
P	112	7	114	7	97.69	26	28	30	32	34	36	40	42	4079					
P	114	7	116	7	97.70	26	28	30	32	34	36	40	42	4079					
P	116	7	118	7	97.71	26	28	30	32	34	36	40	42	4079					
P	118	7	120	7	97.72	26	28	30	32	34	36	40	42	4079					
P	120	7	121	8	97.73	26	28	30	32	34	36	40	42	4079					
P	121	8	123	8	97.74	26	28	30	32	34	36	40	42	44624					
P	123	8	125	8	97.75	26	28	30	32	34	36	40	42	44624					
P	125	8	128	0	97.76	26	28	30	32	34	36	40	42	44624					



# DIAMOND DRILL RECORD

 LOGGED BY ALEXANDER YOUNG PO

 D.D.H. No 76-U-143 PAGE 1

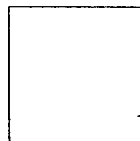
 PROPERTY GRUM JOINT VENTURE

 LATITUDE 10,585.165 ? 66W STARTED AUGUST 9, 1976

 DEPARTURE 7,751.162 ? 2N COMPLETED AUGUST 12, 1976

 ELEVATION 1,177.584 ? PROPOSED DEPTH 137.2m  
 ULTIMATE DEPTH 132.6m

HOLE SURVEY:		
DEPTH	BEARING	DIP
COLLAR	044	-25°
67m	047	-34°
121.9m	054	-44°



CLAIM No \_\_\_\_\_

 DIRECTION AND DISTANCE  
 FROM N.E. CLAIM POST

TOTAL CORE RECOVERY: 73.3%

Interval		DESCRIPTION	Recovery	Sample No	Interval		Sample Length	Assay					Assay x			
From	To				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag	
0	42.7	MINERALIZED GRAPHITIC PHYLITE (PG). Broken blocky core. Short run of sulfide breccia cemented by graphite (MXg). Foliation = 20-25°; F = 5-10° (opposite dip direction of F).	25 3	0.8	4127	0	4.6	4.6	0.18	0.63	7.20			0.81	PbZn	
		core. Short run of sulfide breccia cemented by graphite (MXg). Foliation = 20-25°; F = 5-10° (opposite dip direction of F).	30 4	1.7	4128	4.6	7.6	3.0	0.07	0.43	5.14			0.50	PbZn	
		graphite (MXg). Foliation = 20-25°; F = 5-10° (opposite dip direction of F).	25 2	2.0	4129	7.6	10.3	2.7	0.17	0.45	7.20			0.62	PbZn	
		6.1-7.6: Sulfide breccia. Fragments Ø = 1mm-1.5cm angular to sub-rounded cemented by graphite. Some fragments show graphite laminae with the sulfide. Pots of Cpy.	30 1	1.9	4131	13.4	16.8	3.4	0.10	0.23	28.11			0.33	PbZn	
		24: F = 45-50°; F = 60°.	15 1	2.6	4132	16.8	19.8	3.0	0.23	0.58	7.89			0.81	PbZn	
		36.6: F = 0-10°; F = 65°.	15 1	1.3	4133	19.8	22.9	3.1	0.15	0.43	5.14			0.58	PbZn	
		Small series of fold noses until 38.1m	10 2	2.6	4134	22.9	25.9	3.0	0.18	0.13	7.89			0.31	PbZn	
		42.7: Abrupt change to Bleached Phyllite (Sb). Contact broken ground.	15 1	1.9	4135	25.9	29.0	3.1	0.03	0.23	2.06			0.26	PbZn	
			15 2	2.5	4136	29.0	32.0	3.0	0.20	0.43	7.20			0.63	PbZn	
			15 2	2.0	4137	32.0	35.1	3.1	0.63	0.48	15.09			1.11	PbZn	
			20 1	2.3	4138	35.1	38.1	3.0	0.10	0.23	5.14			0.33	PbZn	
			15 2	2.1	4139	38.1	42.7	4.6	0.18	0.63	5.14			0.81	PbZn	
42.7	49.0	BLEACHED PHYLITE. Soft broken core. Gougey in most part. Could be a fault zone. Solid core silvery white. Foliation = 70°; F = 0-10°.		5.1		42.7	49.0	6.3								
					W.Av.	0	42.7	42.7	0.50	PbZn						



Interval		DESCRIPTION	Recovery	Sample N <sup>o</sup>	Interval		Sample Length	Assay					Assay x				
From	To				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag		
		76.2: Sharp contact with chloritic bleached phyllite (Sbc). Contact = 40° marked by bull quartz.															
76.2	76.8	CHLORITIC BLEACHED PHYLLITE (Sbc). Competent. Alternating thin laminae of chlorite and felsic minerals with blebs of sulfides. Foliation = 35°.	0.6		76.2	76.8	0.6										
				W.Av.	76.8	80.8	4.0	1.66	2.28	30.24				6.64	9.11	120.97	
		76.8: Sharp clean contact with mineralized graphitic phyllite (PG). Contact = 25°.		W.Av.	82.3	88.4	6.1	5.48	5.02	64.95				33.42	30.63	396.17	
				W.Av.	83.8	86.9	3.1	7.05	6.64	81.51				21.87	20.57	252.69	
76.8	82.3	MINERALIZED GRAPHITIC PHYLLITE (PG). Broken blocky core from flakes to 3cm long. Foliation = 43°; F = 20-30°.	40 8 35 7 1 Tr	2.0 0.8 0.5	4140 4141	76.8 79.2 80.8	79.2 80.8 82.3	2.4 1.6 1.5	1.40 2.05 2.50	2.13 45.26	20.23			3.36 3.28	5.11 4.00	48.55 72.42	
		79.2: Fold nose.	40 8	1.2	4142	82.3	83.8	1.5	3.40	2.85	48.34			5.10	4.28	72.51	
		79.4-79.6: Bleached phyllite interval. Silvery white. First contact = 80°; second contact = broken ground.	60 10 60 10 60 10	1.3 1.2 1.3	4143 4144 4145	83.8 85.3 86.9	85.3 86.9 88.4	1.5 1.6 1.5	7.75 6.40 4.30	8.86 4.55 3.65	100.8 63.43 47.31			11.63 10.24 6.45	13.29 7.28 5.48	151.2 101.49 70.97	
		82.3: Abrupt change to bleached phyllite (Sb). Contact broken ground.	75 7 75 6	1.2 0.9	4251 4146	88.4 89.9	89.9 91.4	1.5 1.5	0.90 0.18	0.93 0.35	9.94 6.17			1.83 0.53	PbZn PbZn		
			75 5	1.0	4147	91.4	93.0	1.6	1.73	1.90	20.23						
82.3	83.5	MINERALIZED BLEACHED PHYLLITE (P-Sb). Competent. Interval of blached sericite phyllite and massive sulfides. Contacts between alternating bands are =	70 6 75 5 75 4	1.3 1.4 1.5	4148 4149 4150	93.0 94.5 96.0	94.5 96.0 97.5	1.5 1.5 1.5	2.90 3.10 0.40	3.40 2.10 0.08	32.23 35.31			4.35 4.65	5.10 3.15	48.35 52.97	







# DDH: FAGU143 -- 42 DEGREE PROFILE

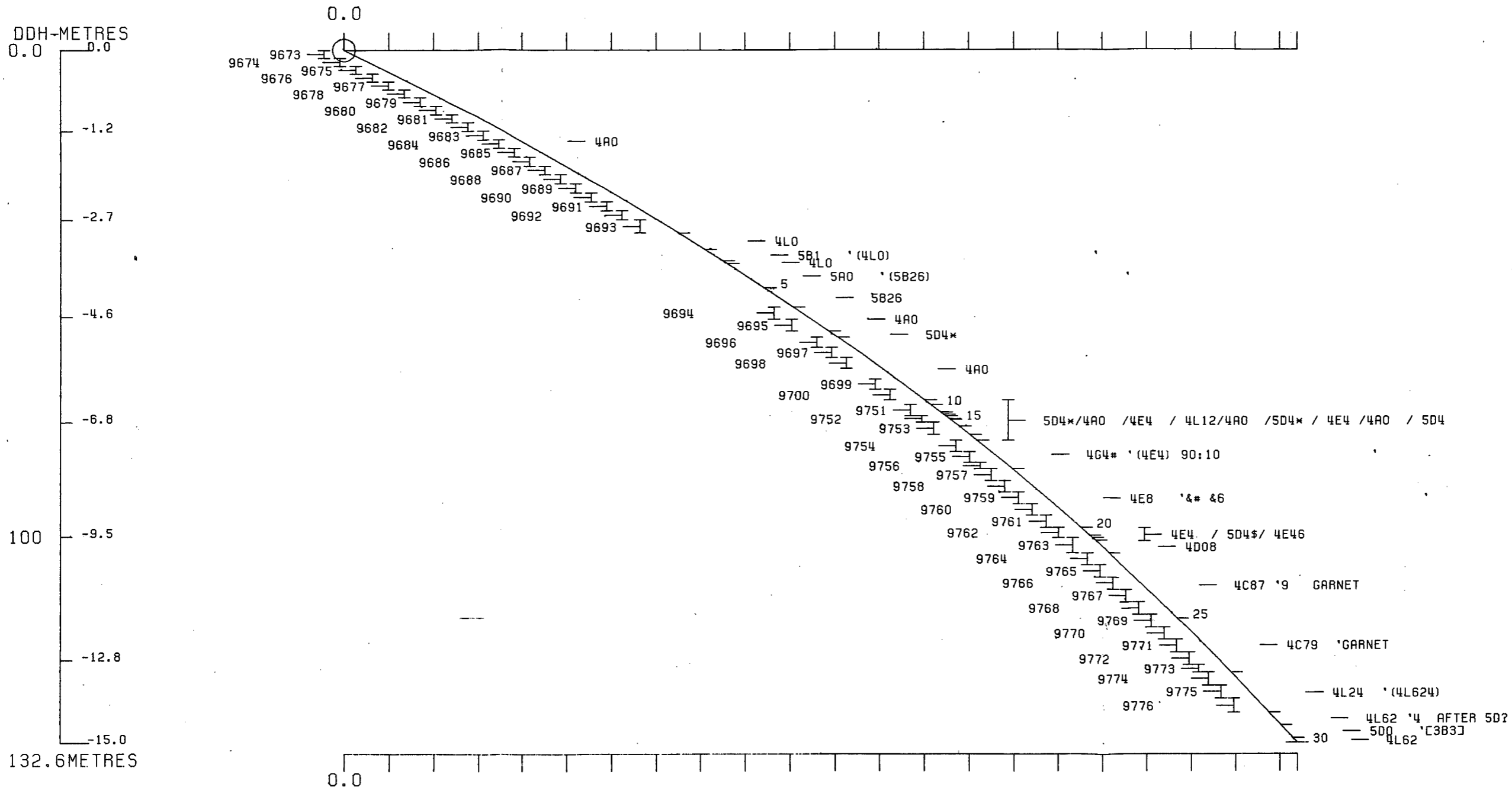
( VIEW AZIMUTH = 312 DEGREES )


ELEV:1167 592446E ; 904791N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 444.6 Z = 1166.9

SECTION NAME: 66W




 CYPRUS ANVIL MINING CORPORATION  
 PROGRAM DH162 24 MAY 1984 4:48 PM

ELEVATION ABOVE S.L.

+ 1150 M.

+ 1100 M.

# DDH: FAGU143 -- 42 DEGREE PROFILE

( VIEW AZIMUTH = 312 DEGREES )

ELEV: 1167 592446E ; 904791N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 444.6 Z = 1166.9

SECTION NAME: 66W

