

70W

Grum

Section 70W

1 of 3

014997

FAGA062

DRILL HOLE : FAGA062  
NORTHING : 904,868.1  
EASTING : 592,347.4  
ELEVATION : 1,279.8  
TOTAL DEPTH : 301.1  
SECTION : W 7C  
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: 34  
NOS DOWN-H-SURVEYS: 5  
NOS DOWN-H-LITHOLOGY: 147  
NOS DOWN-H-STRUCTURE: 60  
NOS DOWN-H-FAULTS: 47  
NOS DOWN-H-SPLINES: 5  
NOS COMPOSITES: 0

DDH: FAGAO62 UTM-N: 904,868.1 UTM-E: 592,347.4 UTM-ELEV: 1,279.8 TOTAL DEPTH: 301.1 SECTION: W 70  
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

---DEPTHS---		SAMPLE NO.	INT. REC.	ROCK UNIT	S.G. PULP	-----ASSAYS-----												S.G. W.R.		
FROM	TO					CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %		AS %	BA %
48.2	52.1	09793	3.9	.7	4A0	.03	.49	.32	11.00											
74.4	76.5	09794	2.1	.7	4E4	3.60	.32	5.11	4.70	72.00		.69	6	14	20					
81.8	83.3	09795	1.5	1.5	4E4	4.67	.14	8.50	7.10	122.00		1.37	2	24	27					
83.3	84.4	09796	1.1	1.1	4E4	4.30	.12	9.90	5.50	124.00		.41	6	22	29					
84.4	85.6	09797	1.2	1.1	4L2	2.98	.09	.70	.88	15.00		1.71	5	2	7					
127.0	128.0	09798	1.0	1.0	4E42	3.90	.07	6.40	11.80	113.00		1.17	6	15	22					
128.0	130.1	09799	2.1	2.1	4E42	4.37	.23	5.70	11.50	100.00		5.34	3	25	29					
130.1	131.8	09800	1.7	1.6	4AE	2.95	.03	.84	1.35	13.00	13.00	2.95	1	7	8					
131.8	133.0	09801	1.2	1.0	4EL	2.93	.03	1.86	4.60	46.00		1.37	2	20	22					
133.0	134.5	09802	1.5	1.5	4GE	4.57	.11	4.30	8.30	93.00		1.23	1	13	14					
134.5	135.9	09803	1.4	1.2	4GE	4.66	.10	5.10	10.30	95.00		.75	2	22	24					
135.9	137.2	09804	1.3	1.2	4E4	4.69	.17	5.00	9.20	99.00		1.10	2	24	26					
137.2	138.5	09805	1.3	1.3	4E4	4.64	.18	5.20	11.70	106.00		2.26	2	26	29					
166.0	167.0	90227	1.0	.0	4L4			1.12	1.14		12.00									
176.0	177.6	09806	1.6	1.5	4A4	3.41	.12	3.00	5.50	50.00		.75	1	15	17					
177.6	179.9	09807	2.3	2.3	4EA	3.42	.35	.28	.75	17.00		.34	2	19	21					
179.9	181.8	09808	1.9	1.8	4A0	3.18	.22	.29	.58	10.00		.34	2	14	16					
181.8	183.6	09809	1.8	1.2	4A0	3.38	.31	.14	.56	20.00		.21	1	19	21					
183.6	185.0	09810	1.4	1.4	4EC	3.27	.48	.23	1.51	19.00		.34	2	16	18					
185.0	186.4	09811	1.4	1.2	4AE	3.50	.19	.36	1.50	18.00		.75	2	20	23					
198.6	201.2	09812	2.6	2.6	4L0		.07	.53	.76	10.00										
218.5	220.5	09813	2.0	2.0	4L24		.14	1.19	1.35	16.00										
245.2	245.9	09814	.7	.6	4EL	2.97	.12	7.20	8.50	61.00		1.65	11	11	22					
245.9	248.7	09815	2.8	1.1	4ACL	2.87	.04	.22	.30	3.00		.01	2	3	5					
248.7	250.6	09816	1.9	1.9	4L24	2.92	.04	.13	.20	2.00		.01	7	2	10					
250.6	252.7	09817	2.1	2.0	4L24	2.95	.06	.09	.11	4.00		.01	5	4	9					
252.7	254.8	09818	2.1	2.1	4E48	3.25	.23	3.00	3.80	48.00		1.58	6	27	33					
254.8	256.6	09819	1.8	1.8	4E80	4.49	.27	.90	1.37	19.00		1.99	6	35	41					
256.6	258.5	09820	1.9	1.8	4E80	4.40	.22	1.83	.98	37.00		2.19	5	34	39					
258.5	260.3	09821	1.8	1.8	4E48	4.29	.21	5.21	4.90	77.00		.34	9	23	32					
260.3	262.1	09822	1.8	1.8	4E48	4.26	.32	2.70	3.00	44.00		2.61	7	27	34					
267.0	269.0	09823	2.0	.9	4A0		.16	.81	1.65	17.00										
294.9	297.0	09824	2.1	2.1	4AC	3.34	.22	2.80	1.15	36.00		.41	7	12	19					
297.0	299.0	09825	2.0	2.0	4AC		.15	.53	.67	14.00										

## WEIGHTED AVERAGE

48.2	52.1		3.9	.7		.03	.49	.32	11.00											
74.4	76.5		2.1	.7		3.60	.32	5.11	4.70	72.00		.69	6	14	20					
81.8	85.6		3.2	3.7		4.02	.11	6.44	4.67	88.78		1.19	4	17	21					
127.0	138.5		11.5	10.9		4.09	.12	4.22	8.50	81.67	1.92	2.28	2	19	22					

DDH: FAGA062 UTM-N: 9C4,860.1 UTM-E: 592,347.4 UTM-ELEV: 1,279.3 TOTAL DEPTH: 301.1 SECTION: W 70  
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
135.0	OC52	4EC	BXA	0.5-	1
135.9	OC53	4G4		0.5-	1
138.5	OC54	4E4	(4E4 POROUS) (4G4)	0.5-	1
142.3	OC55	5A9	(4A0)	0.5-	1
145.1	OC56	5A9		0.5-	1
147.4	OC57	5B62		0.5-	1
149.5	OC58	5B62		0.5-	1
149.8	OC59	5B2	(5A0)	0.5-	1
150.2	OC60	5B26	(5A0)	0.5-	1
151.2	OC61	5B26		0.5-	1
151.6	OC62	5B26		0.5-	1
153.6	OC63	5A0	(5B26)	0.5-	1
155.4	OC64	5B6	(5B26)	0.5-	1
155.7	OC65	5B6		0.5-	1
157.9	OC66	5B6		0.5-	1
158.0	OC67	5B6		0.5-	1
158.7	OC68	5B6		0.5-	1
158.8	OC69	5B6		0.5-	1
159.4	OC70	5B6		0.5-	1
159.5	OC71	5B6		0.5-	1
161.7	OC72	5B6		0.5-	1
161.8	OC73	5B6		0.5-	1
166.1	OC74	5B6	83 MINOR [NOT 5B0]	0.5-	1
166.7	OC75	4LC		0.5-	1
167.0	OC76	4L4		0.5-	1
168.7	OC77	4LC	(4L2) (5D4@)	0.5-	1
168.9	OC78	5B6		0.5-	1
169.0	OC79	5B6		0.5-	1
170.2	OC80	5B6		0.5-	1
170.7	OC81	5B6		0.5-	1
170.8	OC82	5B6		0.5-	1
171.1	OC83	5B6		0.5-	1
172.8	OC84	5B6		0.5-	1
174.0	OC85	5B6		0.5-	1
175.6	OC86	5B6		0.5-	1
176.0	OC87	5B6		0.5-	1
177.6	OC88	4A4	BXA	0.5-	1
177.7	OC89	4EC		0.5-	1
178.0	OC90	4AC		0.5-	1
179.9	OC91	4EC		0.5-	1
183.6	OC92	4AC		0.5-	1
185.0	OC93	4EC	(4C0) BXA	0.5-	1
186.4	OC94	4A0	(4E0) & BXA	0.5-	1
187.5	OC95	5B6	(5B62)	0.5-	1
198.6	OC96	5B6	83 [NOT 5B0]	0.5-	1
201.2	OC97	4LC		0.5-	1
201.5	OC98	5B62		0.5-	1
208.3	OC99	5B6		0.5-	1
208.9	O100	5D4\$		0.5-	1
212.3	O101	5B62	(5B6)	0.5-	1
212.6	O102	5B6		0.5-	1

BDH: FAG062 UTM-N: 904,868.1 UTM-E: 592,347.4 UTM-ELEV: 1,279.8 TOTAL DEPTH: 301.1 SECTION: W 70  
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
213.3	0103	5B62		0.5-	1
214.0	0104	5B64	3 (4L0)	0.5-	1
218.3	0105	4LC	(10Q0)	0.5-	1
218.5	0106	4E48		0.5-	1
219.1	0107	4L4		0.5-	1
220.4	0108	4LC		0.5-	1
220.5	0109	4L24		0.5-	1
223.9	0110	4LC	(4L2)	0.5-	1
227.2	0111	5B62		0.5-	1
233.2	0112	5A0		0.5-	1
236.9	0113	5B64	82 (4L0)	0.5-	1
237.1	0114	5B6		0.5-	1
237.3	0115	5B6		0.5-	1
237.4	0116	5B6		0.5-	1
241.4	0117	4LC	(4L2 84)	0.5-	1
242.9	0118	5B26		0.5-	1
244.4	0119	4L29		0.5-	1
245.4	0120	5B62	84	0.5-	1
245.7	0121	4E4		0.5-	1
245.9	0122	4LC		0.5-	1
246.3	0123	5A9	(4A0)	0.5-	1
248.1	0124	4AC	BXA	0.5-	1
248.7	0125	4C0		0.5-	1
252.7	0126	4L24	(4L2)	0.5-	1
262.1	0127	4E48		0.5-	1
267.0	0128	4LC	(4L2)	0.5-	1
269.0	0129	4AC		0.5-	1
269.8	0130	5B6		0.5-	1
270.7	0131	4LC		0.5-	1
273.1	0132	4L2		0.5-	1
280.7	0133	504\$	[5C4\$]	0.5-	1
290.3	0134	4L72	89	0.5-	1
291.8	0135	5B6		0.5-	1
293.5	0136	5B26	(5A0)	0.5-	1
294.7	0137	5B6		0.5-	1
294.8	0138	5B6		0.5-	1
294.9	0139	5B6		0.5-	1
296.5	0140	4AC		0.5-	1
297.0	0141	4C0		0.5-	1
297.4	0142	4A0		0.5-	1
298.6	0143	4C0	& BXA	0.5-	1
299.0	0144	4A0		0.5-	1
300.3	0145	5B6		0.5-	1
300.8	0146	5B64		0.5-	1
301.1	0147	3B3		0.5-	1

30MAR84 GRUM

DOWN-HOLE STRUCTURE (DH020)

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DDH: FAGA062 UTM-N: 904,868.1 UTM-E: 592,347.4 UTM-ELEV: 1,279.8 TOTAL DEPTH: 301.1 SECTION: W 70  
 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
FAGA062	0.0	18.7	CS2	Z	0	0	0	C	70	230	C		1	1	1
FAGA062	0.0	22.3	CS2	Z	0	0	0	C	65	230	C		1	1	1
FAGA062	0.0	24.8	CS2	Z	0	0	0	C	65	230	C		1	1	1
FAGA062	0.0	26.8	CS2	Z	0	0	0	C	70	230	C		1	1	1
FAGA062	0.0	29.6	CS2	S	0	0	0	0	65	230	0		1	1	1
FAGA062	0.0	31.2	CS2	S	0	0	0	0	60	230	0		1	1	1
FAGA062	0.0	33.1	CS2	Z	0	0	0	0	70	230	C		1	1	1
FAGA062	0.0	35.5	CS2	Z	0	0	0	0	70	230	C		1	1	1
FAGA062	0.0	37.3	CS2	Z	0	0	0	0	70	230	0		1	1	1
FAGA062	0.0	39.0	CS2	S	0	0	0	0	75	230	C		1	1	1
FAGA062	0.0	41.0	CS2	S	0	0	0	0	75	230	C		1	1	1
FAGA062	0.0	45.3	CS2	S	0	0	0	0	75	230	C		1	1	1
FAGA062	0.0	46.8	PS2	P	0	0	0	G	65	230	C		1	1	1
FAGA062	0.0	53.3	CS2	S	0	0	0	0	75	230	0		1	1	1
FAGA062	0.0	57.5	CS2	S	0	0	0	0	70	230	0		1	1	1
FAGA062	0.0	60.4	CS2	S	0	0	0	G	70	230	0		1	1	1
FAGA062	0.0	61.9	CS2	S	0	0	0	0	70	230	0		1	1	1
FAGA062	0.0	64.0	PS2	P	0	0	0	0	70	230	0		1	1	1
FAGA062	0.0	66.1	PS2	P	0	0	0	0	60	230	0		1	1	1
FAGA062	0.0	70.1	PS2	P	0	0	0	0	70	230	0		1	1	1
FAGA062	0.0	73.2	PS2	P	0	0	0	0	65	230	0		1	1	1
FAGA062	0.0	78.9	PS2	P	0	0	0	C	65	230	C		1	1	1
FAGA062	0.0	87.8	PS2	P	0	0	0	0	70	230	0		1	1	1
FAGA062	0.0	91.4	PS2	P	0	0	0	0	70	230	0		1	1	1
FAGA062	0.0	97.5	CS2	Z	0	0	0	C	50	230	0		1	1	1
FAGA062	0.0	103.6	CS2	Z	0	0	0	C	65	230	C		1	1	1
FAGA062	0.0	109.7	CS2	S	0	0	0	C	70	230	C		1	1	1
FAGA062	0.0	115.8	CS2	S	0	0	0	C	70	230	C		1	1	1
FAGA062	0.0	118.9	CS2	E	0	0	0	C	70	230	C		1	1	1
FAGA062	0.0	125.3	CS2	S	0	0	0	C	80	230	C		1	1	1
FAGA062	0.0	133.8	PS2	P	0	0	0	0	85	230	C		1	1	1
FAGA062	0.0	138.1	PS2	P	0	0	0	0	60	230	C		1	1	1
FAGA062	0.0	139.3	PS2	P	0	0	0	0	40	230	C		1	1	1
FAGA062	0.0	145.2	PS2	P	0	0	0	C	85	230	C		1	1	1
FAGA062	0.0	151.5	CS2	Z	0	0	0	0	50	230	C		1	1	1
FAGA062	0.0	155.4	CS2	Z	0	0	0	0	65	230	0		1	1	1
FAGA062	0.0	162.3	CS2	Z	0	0	0	C	75	230	C		1	1	1
FAGA062	0.0	164.9	CS2	Z	0	0	0	0	70	230	C		1	1	1
FAGA062	0.0	171.6	PS2	P	0	0	0	C	75	230	0		1	1	1
FAGA062	0.0	175.0	CS2	E	0	0	0	0	70	230	0		1	1	1
FAGA062	0.0	186.5	PS2	P	0	0	0	0	75	230	0		1	1	1
FAGA062	0.0	191.1	CS2	Z	0	0	0	0	65	230	0		1	1	1
FAGA062	0.0	196.9	CS2	Z	0	0	0	0	70	230	0		1	1	1
FAGA062	0.0	202.7	CS2	Z	0	0	0	0	80	230	C		1	1	1
FAGA062	0.0	209.1	PS2	P	0	0	0	0	80	230	C		1	1	1
FAGA062	0.0	213.7	CS2	Z	0	0	0	0	65	230	C		1	1	1
FAGA062	0.0	221.1	PS2	P	0	0	0	C	70	230	C		1	1	1
FAGA062	0.0	228.6	CS2	Z	0	0	0	C	80	230	C		1	1	1
FAGA062	0.0	234.7	PS2	P	0	0	0	C	55	230	0		1	1	1
FAGA062	0.0	240.8	CS2	Z	0	0	0	C	65	230	0		1	1	1
FAGA062	0.0	244.8	CS2	Z	0	0	0	C	50	230	C		1	1	1

DDH: FAGA062 UTM-N: 904,268.1 UTM-E: 592,347.4 UTM-ELEV: 1,279.8 TOTAL DEPTH: 301.1 SECTION: W 70  
 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
FAGAC62	O.C	250.2	CS2	Z	0	0	0	C	50	230	C	1	1	1
FAGAC62	O.C	259.1	PS2	P	0	0	0	C	65	230	0	1	1	1
FAGAC62	O.C	263.7	PS2	P	0	0	0	C	70	230	C	1	1	1
FAGAC62	O.C	272.5	PS2	P	0	0	0	C	70	230	C	1	1	1
FAGAC62	O.C	278.9	PS2	P	0	0	0	C	65	230	C	1	1	1
FAGAC62	O.C	284.1	PS2	P	0	0	0	C	60	230	0	1	1	1
FAGAC62	O.C	286.1	CS2	Z	0	0	0	C	50	230	C	1	1	1
FAGAC62	O.C	289.6	CS2	Z	0	0	0	C	50	230	C	1	1	1
FAGAC62	O.C	299.3	PS2	P	0	0	0	C	75	230	C	1	1	1

DDH: FAGA062 UTM-N: 904,868.1 UTM-E: 592,347.4 UTM-ELEV: 1,279.8 TOTAL DEPTH: 301.1 SECTION: W 70  
 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			
FAGA062	48.1	52.1	RPF	1			0	0	C	C	0	0	1
FAGA062	55.7	56.0	PF?				0	0	C	C	0	0	1
FAGA062	64.0	65.8	N				0	0	C	C	0	0	1
FAGAC62	74.0	74.3	G				0	0	C	C	0	0	1
FAGA062	74.3	76.5	PR	4			0	0	C	C	0	0	1
FAGAC62	76.5	79.7	BG	5			0	0	C	C	0	0	1
FAGA062	74.0	81.3	G3F				0	0	C	C	0	0	1
FAGA062	84.4	84.7	G				0	0	C	C	0	0	1
FAGA062	85.1	85.5	G				0	0	C	C	0	0	1
FAGA062	93.8	96.9	P	2			0	0	C	C	0	0	1
FAGA062	121.0	122.3	1G				0	0	C	C	0	0	1
FAGAC62	126.8	127.0	G				0	0	C	C	0	0	1
FAGA062	127.0	127.5	X				0	0	C	C	0	0	1
FAGA062	131.8	132.2	GR				0	0	C	C	0	0	1
FAGAC62	134.5	134.9	D?				0	0	C	C	0	0	1
FAGA062	135.9	136.7	D?				0	0	C	C	0	0	1
FAGAC62	142.3	145.0	GB	4			0	0	C	C	0	0	1
FAGAC62	147.4	149.5	G3F				0	0	C	C	0	0	1
FAGA062	149.8	150.2	G				0	0	C	C	0	0	1
FAGA062	150.2	151.1	S				0	0	99	999	0	0	1
FAGAC62	151.1	151.6	G				0	0	C	C	99	999	1
FAGA062	147.4	151.6	3F				0	0	C	C	0	0	1
FAGA062	155.4	155.6	G				0	0	C	C	0	0	1
FAGA062	157.8	158.0	G				0	0	C	C	0	0	1
FAGA062	158.7	158.8	G				0	0	C	C	0	0	1
FAGA062	159.4	159.5	G				0	0	99	999	0	0	1
FAGAC62	161.6	161.8	G				0	0	99	999	0	0	1
FAGA062	168.8	169.0	G				0	0	C	C	0	0	1
FAGA062	170.2	170.6	G				0	0	C	C	0	0	1
FAGAC62	170.8	171.0	G				0	0	C	C	0	0	1
FAGAC62	172.8	174.0	GP	5			0	0	C	C	0	0	1
FAGA062	175.5	176.0	G				99	999	C	C	0	0	1
FAGA062	176.0	177.6	X				0	0	C	C	0	0	1
FAGA062	176.0	185.0	D				0	0	C	C	0	0	1
FAGA062	201.1	201.4	G				0	0	C	C	99	999	1
FAGA062	212.2	212.5	G				30	320	C	C	0	0	1
FAGAC62	236.9	237.0	G				0	0	C	C	0	0	1
FAGA062	237.3	237.3	G				0	0	C	C	0	0	1
FAGA062	241.4	242.9	G				0	0	99	999	0	0	1
FAGA062	246.2	248.1	XQ				0	0	C	C	0	0	1
FAGA062	267.0	268.9	R	3			0	0	C	C	0	0	1
FAGA062	268.9	269.8	B	7			0	0	C	C	0	0	1
FAGA062	269.8	270.6	G				0	0	C	C	0	0	1
FAGAC62	272.7	273.1	G				0	0	C	C	0	0	1
FAGAC62	290.3	291.8	GF	3			0	0	C	C	0	0	1
FAGA062	294.7	294.8	G				0	0	99	999	0	0	1
FAGAC62	297.7	298.5	X				0	0	C	C	0	0	1

DDH: FAGA062 UTM-N: 904,963.1 UTM-E: 592,347.4 UTM-ELEV: 1,279.3 TOTAL DEPTH: 301.1 SECTION: W 70  
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11. 312 DHD CALC: 1 SS CALC: 1

DDH SEGMENT NOS CCND INDICATOR

FAGAC62	1	2
FAGAC62	2	2
FAGAC62	3	2
FAGAC62	4	2
FAGA062	5	1

CYPRUS ANVIL MINING CORPORATION  
DIAMOND DRILL CORE LOG

Page 1 of 11  
Date: 20 AUG 81

Hole Number: FAGA 062

Reference Fabric Orientation Diagram:

Project: GRUM. RELOG

Location: SECT 70 W

Claim: GRUM 3

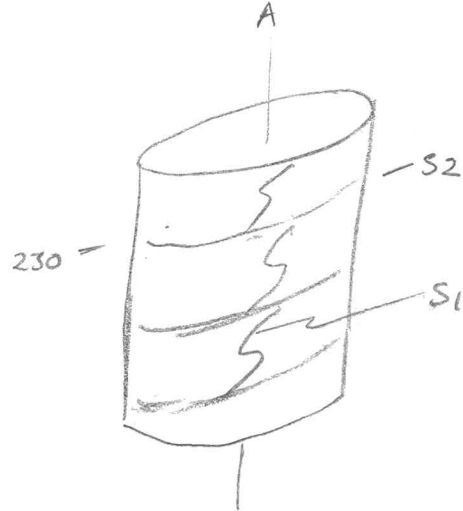
U.T.M

Terr. Plane

Co-ords.: 6904868.1 N

592347.4 E

Grid  
Co-ords:



All symmetry determinations looking

Elevation: 1279.8 M.

NW with S2 dipping

Total Depth: 998' FT.

SW with dip azimuth 230°.

Purpose: GRUM SURFACE HOLE

Reason hole  
Terminated: ASSUMED MINERALIZATION DRILLED

Logged by: D.S.J & JGS

Date(s) Logged: 20 AUG 81

Drilling  
Contractor: - 90° SECT 70 E

Size	CORE From	To	Collar Cased and Capped:
<u>TRI</u>	<u>0</u>	<u>59'</u>	<u>      </u>
<u>BQ</u>	<u>59</u>	<u>998</u>	<u>      </u>

Hole  
Cemented: YES

Steel down  
hole:

Started: Nov 26/74 Completed: DEC 7/74

1979 HED  
Dikephoto Survey

DDH FAG A 0 6 2  
2 8

Diamond Drill Core Log Date: 20 AUG 81 Logged By: D SJ JGS

Code	Drillhole	Elevation	Northing	Easting	Units (feet/metres)	R.F.E
I	2	8	10 METRES 16 17	24 25	32 34	39 41 42
T	FAG A 0 6 2	11279.18	9104868.1	592347.4	FEET	S 2

Code	Drillhole	Depth FEET	Zenith Angle	True Azimuth	Comments
I	2	8	10 14 22	26 28	32 34 56
R	FAG A 0 6 2	1000	189.0	100.0	AT COLLAR
R	FAG A 0 6 2	2000	176.5	122.0	SPIERRY SUN MAG SGN
R	FAG A 0 6 2	4000	179.0	106.0	
R	FAG A 0 6 2	6000	169.0	114.0	
R	FAG A 0 6 2	740	163.0	101.0	

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

DDH F.A.G.A.0.6.2

Cyprus Anvil Mining Corp.

Page 3 of 11NB <sup>2</sup> IN FEET <sup>8</sup>

Lithologic Log

Date: 20 AUG 81Logged By: DST JGS

FEET.

Code	From		To		Recov.	No.		Unit		Description
	10	14 16	20	22 24	26 28	30	34 35			
L	1010	1016	1016	1020		101		*		03.
L	1019	1020	1020	1022		102		5B10		Fe Mg Carb.
L	1021	1020	1020	1022		103		5D6		
L	1022	1035	1035	1040		104		5B10		Fe Mg Carb.
L	1035	1047	1047	1050		105		5D14*		Dol. NIS FUSCH
L	1047	1058	1058	1060		106		5B2		Fe Mg Carb.
L	1058	1071	1071	1075		107		4A10		ROUNDED CORE (4L4) 1' REC FOR 12' FAULT.
L	1071	1075	1075	1080		108		5B12		
L	1075	1077	1077	1080		109		5D14*		ANK.
L	1077	1083	1083	1085		110		5B10		Fe Mg Carb.
L	1083	1085	1085	1090		111		5B10		LOST CORE POSS FAULT.
L	1085	1174	1174	1180		112		5B3		210-216 LOST CORE
L	1174	1227	1227	1230		113		5D3		
L	1227	1239	1239	1240		114		5D14*		ANK.
L	1239	1244	1244	1250		115		5B14		243-244 GOUGE + 4L.
L	1244	1251	1251	1255		116		4E4		POOR REC. 2.5 AND 6' RURRAY CORE
L	1251	1261	1261	1265		117		5B16		BRKN CORE GOUGE 5.5' REC / 5 10.5'
L	1261	1262	1262	1265		118		4L4		
L	1262	1266	1266	1270		119		5D14*		ANK. 2.5' / or 4'
L	1266	1267	1267	1270		120		5D14*		FAULT GOUGE NIL/ATT. / 243-267 / <u>MAJ. FAULT</u>
L	1267	1268	1268	1270		121		4L74		
L	1268	1277	1277	1280		122		4E4		Breccia Py Frag A in splnd. gal matrix (4E48)
L	1277	1278	1278	1280		123		4L2		GOUGE NIL/ATT
L	1278	1279	1279	1280		124		4L2		
L	1279	1280	1280	1285		125		4L2		GOUGE NIL/ATT.
L	1280	1305	1305	1310		126		5B10		Fe Mg Carb.
L	1305	1318	1318	1320		127		5D14*		DOL NIL Fush. 2' core 308-318' F?
L	1318	1322	1322	1325		128		5B10		Fe Mg Carb.
L	1322	1337	1337	1340		129		5B38		
L	1337	1338	1338	1340		130		5B3		
L	1338	1349	1349	1350		131		5B38		
L	1349	1350	1350	1355		132		5D14*		DOL.
L	1350	1374	1374	1380		133		5B38		
L	1374	1385	1385	1390		134		5B3		
L	1385	1387	1387	1390		135		5B10		Fe Mg Carb.
L	1387	1388	1388	1390		136		5D14*		DOL.

DDH F.A.G.A.O.6.Z  
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Cyprus Anvil Mining Corp.

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Lithologic Log

Date: 20 AUG 81 Logged By: DST JGS

Code	From		To		Recov.	No.	Unit	Description
	10	14	16	20				
L	1388	5	1397	2		37	5B2	Fe Mg Carb
L	1397	2	1401	5		38	5B2	Fe Mg Carb Incip gouge ? FAULT?
L	1401	5	1415	2		39	5B20	wkly Calc -
L	1415	2	1416	1		40	5E4	
L	1416	1	1416	8		41	5D4*	GOUGE + Fusch.
L	1416	8	1418	5		42	4E0	Brecciated Core.
L	1418	5	1420	0		43	4E42	
L	1420	0	1420	8		44	4A0	
L	1420	8	1427	0		45	4E0	(4E0 Porous 4C0)
L	1427	0	1432	5		46	4A0	
L	1432	5	1434	0		47	4E0	GOUGE + RUBBLE ATT/NIL
L	1434	0	1434	5		48	4E0	
L	1434	5	1435	3		49	4L2	
L	1435	3	1436	2		50	4L4	10 Q0
L	1436	2	1441	3		51	4G4	Non Calc (4E0)
L	1441	3	1442	8		52	4E0	BRECC
L	1442	8	1446	0		53	4G4	
L	1446	0	1454	5		54	4E4	(4E4 Por) (4G4) 446-448.5 BRECC
L	1454	5	1467	0		55	5A9	(4A0)
L	1467	0	1476	0		56	5A9	Gouge & Broken Core 9' 3.5' REC FAULT?
L	1476	0	1483	6		57	5B62	
L	1483	6	1490	5		58	5B62	GOUGE FAULT MAR.
L	1490	5	1491	6		59	5B2	(5A0)
L	1491	6	1492	8		60	5B26	(5A0) Gouge NIL/ATT SHALLOW FAULT!
L	1492	8	1496	0		61	5B26	( Shear - 11 S2 483.6-497.5 MAJ FAULT
L	1496	0	1497	5		62	5B26	GOUGE 11 S2 hard Contact ZONE
L	1497	5	1504	0		63	5A0	(5B2/6)
L	1504	0	1510	0		64	5B6	(6B2/6)
L	1510	0	1510	8		65	5B6	GOUGE NIL/ATT
L	1510	8	1518	0		66	5B6	
L	1518	0	1518	5		67	5B6	GOUGE NIL/AT
L	1518	5	1520	8		68	5B6	
L	1520	8	1521	1		69	5B6	Gouge NIL/AT ? 11 S2
L	1521	1	1523	0		70	5B6	
L	1523	0	1523	4		71	5B6	GOUGE 11 S2
L	1523	4	1530	4		72	5B6	

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	151304	151310	11	173	5B61	GOUGE 1/52
L	151310	151450	11	174	5B63	v.wkly Calc not 580
L	151450	151468	11	175	4L01	
L	151468	151480	11	176	4L14	
L	151480	151536	11	177	4L01	(4L2) (504* ANK)
L	151536	151540	11	178	5B61	
L	151540	151546	11	179	5B61	GOUGE NIL/AT
L	151546	151585	11	180	5B61	
L	151585	151599	11	181	5B61	GOUGE NIL/AT PROB 1/52
L	151599	151605	11	182	5B61	
L	151605	151612	11	183	5B61	GOUGE NIL/AT
L	151612	151670	11	184	5B61	
L	151670	151710	11	185	5B61	GOUGE 2' of 4' REC.
L	151710	151761	11	186	5B61	
L	151761	151775	11	187	5B61	GOUGE UP. CONT. 1/52 L.C. IND.
L	151775	151828	11	188	4A4	BRECCIA Δ Py in carb matrix.
L	151828	151830	11	189	4E01	
L	151830	151840	11	190	4A01	
L	151840	151903	11	191	4E01	
L	151903	161023	11	192	4A01	
L	161023	161070	11	193	4E01	(4C0) BRECCIA
L	161070	161115	11	194	4A01	NB → SULPH BRECC 577.5 - 607. NON BRECC 610.5 - 611.5 4E0
L	161115	161150	11	195	5B61	(586/2)
L	161150	161515	11	196	5B63	v.wkly Calc NOT 580
L	161515	161600	11	197	4L01	(657.5 - 659 4L2)
L	161600	161610	11	198	5B62	GOUGE UC INT LC 1/52
L	161610	161835	11	199	5B61	(586/2)
L	161835	161855	11	1000	5P4*	DOL. Fosch < 1%
L	161855	161965	11	1001	5B62	(586)
L	161965	161975	11	1002	5B61	GOUGE u/c 30°/320 LC IND.
L	161975	161997	11	1003	5B62	
L	161997	171020	11	1004	5B64	3(4L0)
L	171020	171162	11	1005	4L01	(1000)
L	171162	171190	11	1006	4E48	
L	171190	171187	11	1007	4L14	
L	171187	17230	11	1008	4L01	

DDH F.A.G.A.0.6.2

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Cyprus Anvil Mining Corp.

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Lithologic Log

Date: 20 AUG 81 Logged By: DSJ - JGS

Code	From				To				Recov.	No.	Unit	Description
	10	14	16	20	22	24	26	28				
L	17	23	0	17	23	5				1109	4L24	
L	17	23	5	17	34	5				1110	4L01	(4L2)
L	17	34	5	17	45	5				1111	5B62	
L	17	45	5	17	65	0				1112	5A01	
L	17	65	0	17	77	3				1113	5B64	1/2 (4L0)
L	17	77	3	17	77	8				1114	5B61	GOUGE F. NIL/AT
L	17	77	8	17	78	6				1115	5B61	
L	17	78	6	17	78	8				1116	5B61	GOUGE NIL AT
L	17	78	8	17	92	0				1117	4L01	(4L2/4) 790-792.
L	17	92	0	17	97	0				1118	5B26	GOUGE INT H S 2
L	17	97	0	18	01	8				1119	4L29	
L	18	01	8	18	05	0				1120	5B62	1/4
L	18	04	6	18	06	2				1121	4E41	
L	18	06	2	18	06	7				1122	4L01	
L	18	06	7	18	08	0				1123	5A91	(4A0)
L	18	08	0	18	14	0				1124	4A01	BRECC + QU low grade.
L	18	14	0	18	15	8				1125	4C01	
L	18	15	8	18	16	0				1126	4L24	
L	18	16	0	18	29	0				1127	4L22	Hematite near. (5D4*) ANK. (FUSCH) <u>NOT</u> 4L6
L	18	29	0	18	60	0				1128	4E48	
L	18	60	0	18	76	0				1129	4L01	(4L2)
L	18	76	0	18	82	5				1130	4A01	RUBBLEY CORE 1.5' FOR INT.
L	18	82	5	18	85	3				1131	5B61	BKN CR. 2' REC
L	18	85	3	18	88	0				1132	4L01	GOUGE 0.5' REC ONLY NIL/AT.
L	18	88	0	18	96	0				1133	4L22	895-896 INC GOUGE NIL AT.
L	18	96	0	19	21	0				1134	5D4*	DOL. [5C4* DOL] <u>NO</u> FUSCH.
L	19	21	0	19	52	5				1135	4L72	1/9
L	19	52	5	19	57	5				1136	5B61	GOUGE FAULT 1.5' REC
L	19	57	5	19	63	0				1137	5B26	(5A0)
L	19	63	0	19	67	0				1138	5B61	
L	19	67	0	19	67	2				1139	5B61	GOUGE H S 2
L	19	67	2	19	67	5				1140	5B61	
L	19	67	5	19	72	9				1141	4A01	
L	19	72	9	19	74	5				1142	4C01	
L	19	74	5	19	75	6				1143	4A01	
L	19	75	6	19	79	5				1144	4C01	HAST 2.5' BRECC

DDH FAGAD.6.Z  
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Cyprus Anvil Mining Corp.

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Lithologic Log

Date: 20 AUG 81 Logged By: DSS JGS

Code	From				To				Recov.	No.	Unit	Description	
	10	14	16	20	22	24	26	28					30
L	19	7	19	5	19	8	1	0			1415	141A.0	
L	19	8	1	0	19	8	5	2			1416	15B.6	
L	19	8	5	2	19	8	7	0			1417	15B.6/4	
L	19	8	7	0	19	8	8	0			1419	13B.3	[333]
													END OF HOLE 988.0







DDH F.A.G.A.O.6.2  
<sub>2</sub> <sub>8</sub>Cyprus Anvil Mining Corp.  
Structural LogPage 9 of 11Date: 21 Aug 21 Logged By: PST JGS

Code	From		To		Feature	SYM	S <sub>0</sub>		S <sub>1</sub>		S <sub>2</sub>		Description	
	10	14	16	20			Dip	Direct.	Dip	Direct.	Dip	Direct.		
I	10	14	16	20	22	24	26	28	32	34	38	40	44	
S				15312	5	CS12	Z					75	2310	
S				15411	0	CS12	Z					70	2310	
S				15630	0	PS12						75	2310	
S				15714	0	CS12	E					70	2310	
S				16112	0	PS12						75	2310	
S				16270	0	CS12	Z					65	2310	
S				16460	0	CS12	Z					70	2310	
S				16650	0	CS12	Z					80	2310	
S				16860	0	PS12						80	2310	
S				17011	0	CS12	Z					65	2310	
S				17255	5	PS12						70	2310	
S				17500	0	CS12	Z					80	2310	
S				17700	0	PS12						55	2310	
S				17900	0	CS12	Z					65	2310	
S				18030	0	CS12	Z					50	2310	
S				18210	0	CS12	Z					50	2310	
S				18500	0		R					65	2310	BANDING SULPH
S				18650	0	PS12						70	2310	
S				18940	0	PS12						70	2310	
S				19115	0	PS12						65	2310	
S				19312	0	PS12						60	2310	
S				19318	5	CS12	Z					50	2310	
S				19510	0	CS12	Z					50	2310	
S				19820	0	PS12						75	2310	

ASSAY LOG (SAMPLER'S COPY)

Date Jan 21, 81

Sampled by \_\_\_\_\_

CODE	FROM		TO		SAMPLE		INTR.		REC (m)		UNIT		DESCRIPTION
	10	14	16	20	22	26	28	30	32	34	36	40	
A	11518	0	11711	0	97913		113	0	124		14A01		(4L4) NO CORE 12'?
A	12144	0	12511	0	97914		170	0	124		14E41		
A	12168	3	12733		97915		150	0	150		14E41		
A	12173	3	12770		97916		137		137		14E41		
A	12177	0	12807		97917		137		136		14L21		
	111		111		111				111		111		
A	14116	8	14200		97918		132		132		14E01		4E4/2
A	14210	0	14217		97919		170		170		14E01		(4A0)
A	14217	0	14325		98000		155		153		14A01		
A	14312	5	14362		98001		133		133		14E01		(4L2) GRUO.
A	14362	2	14413		98002		151		151		14G41		
A	14411	3	14460		98003		147		140		14G41		(4E0)
A	14416	0	14510		98004		140		140		14E41		
A	14510	0	14545		98005		145		145		14E41		
	111		111		111				111		111		
A	15171	5	15812	8	98016		153		150		14A41		Δ BRECCIA
A	15812	8	15910	3	98017		175		175		14E01		4A0
A	15910	3	15916	3	98018		160		160		14A01		
A	15916	3	16012	3	98019		140		140		14A01		
A	16012	3	16017	0	98110		147		147		14E01		
A	16017	0	16111	5	98111		145		140		14A01		
	111		111		111				111		111		
A	16151	5	16610	0	98112		185		185		14L01		
	111		111		111				111		111		
A	17117	0	17213	5	98113		165		165		14L014		2
	111		111		111				111		111		
A	18104	6	18106	7	98114		141		120		14E41		4L0
A	18106	7	18115	8	98115		191		136		14A01		(4C0)
A	18115	8	18212	3	98116		165		165		14L012		
A	18212	3	18219	0	98117		167		167		14L012		
A	18219	0	18316	0	98118		170		170		14E48		
A	18316	0	18412	0	98119		160		160		14E48		
A	18412	0	18418	0	98120		160		160		14E48		
A	18418	0	18514	0	98121		160		160		14E48		
A	18514	0	18610	0	98122		160		160		14E48		





# DIAMOND DRILL RECORD

LOGGED BY \_\_\_\_\_

PROPERTY \_\_\_\_\_

D.D.H. No. A - 62 PAGE 2 of 13

LATITUDE \_\_\_\_\_ BEARING OF HOLE \_\_\_\_\_

STARTED \_\_\_\_\_

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

DEPARTURE \_\_\_\_\_ DIP OF HOLE \_\_\_\_\_

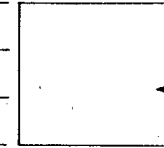
COMPLETED \_\_\_\_\_

DIRECTION AND DISTANCE FROM

ELEVATION \_\_\_\_\_ DIP TESTS \_\_\_\_\_

DEPTH Ultimate: \_\_\_\_\_

NE. CLAIM POST



FOOTAGE		DESCRIPTION	Rec. Ft.	Sample No.	Footage		Sample Length	Assay					Assay x Feet		
FROM	TO				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag
65.8 216.0	74.3m 244.0	QUARTZ-SERICITE PHYLLITE. Bleached Buff  70% qtz. Siliceous and hard rock. 75% bleached to buff color. Banding disappears with depth and becomes massive rock. Many fractures and tension gashes, all filled with qtz and tan carb. Shear with breccia + gouge in last 2' in contact with sulphs below Negl. minute py, no PbZn noted. C.A.: 50 at 216 - 219'; 60 to 225'; 55 to 233'; 45 to 235'; 55 to 238'; 60 at 239'; 80 shear at 240'; 70 at 241'.	19.0/ 22.0		216.0	238.0									
244.0	85.6m 281.1	SULPHIDE ZONES IN QUARTZ-SERICITE PHYLLITE SHEAR ZONE  Mainly two bands of massive pyritic PbZn sulphs occupying the upper and lower part of the shear zone. 244 - 248.0': 40% py with barite-qtz, negl PbZn, fractured, possibly sheared; poor core recovery - 251.0': as above, 50 py, 10 PbZn, poor core recovery - 261.0': grey aft'd ser-phy, mod. shearing, negl py, broken core. - 265.7': buff alt'd ser-phy, sheared + brecciated broken core - 267.8': fault gouge - 268.3': qtz-ser-sulphs, 35 py, 6 PbZn, partly brecciated - 270.0': mass sulphs with bar + sulph breccia re-cemented by sulphs. 55-60 py, 10 PbZn, lower and porous - 275.8': mass sulph breccia, re-cemented by sulphs, 65 py, 10 PbZn - 277.0': qtz-ser with solid bands Py, PbZn 45 py, 8 PbZn - 280.6': qtz-ser, buff with minor sulphs, 1 py, 0.3 PbZn highly sheared, breccia + gouge. - 281.1': qtz-ser buff.	0.9	985	244.0	248.0	4.0	2.10	2.40	.85			8.40	9.60	3.40
			0.6	986		251.0	3.0	11.13	9.51	4.47			33.39	28.53	14.41
			1.3/ 7.0			258.0									
			5.4/ 8.0			266.0									
			0.6/ 1.0			267.0									
			3.0	987		270.5	3.5	7.53	6.48	2.71			26.355	22.689	485
			6.4	988		277.0	6.5	9.93	6.24	3.35			64.545	40.562	1.775
			3.4	989		280.6	3.6	.62	.78	.26					
			0.4/ 0.5			281.1									
						244.0	251.0	7.0	5.97	5.45	2.54 wt.av.		41.79	38.13	17.81
						267.0	277.0	10.0	9.09	6.32	3.13		90.9	63.24	31.26











# DIAMOND DRILL RECORD

LOGGED BY \_\_\_\_\_

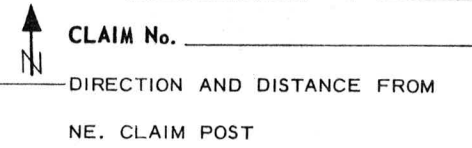
PROPERTY \_\_\_\_\_

LATITUDE \_\_\_\_\_ BEARING OF HOLE \_\_\_\_\_ STARTED \_\_\_\_\_

DEPARTURE \_\_\_\_\_ DIP OF HOLE \_\_\_\_\_ COMPLETED \_\_\_\_\_

ELEVATION \_\_\_\_\_ DIP TESTS \_\_\_\_\_ DEPTH Ultimate: \_\_\_\_\_ Proposed: \_\_\_\_\_

D.D.H. No. A - 62 PAGE 8 of 13



FOOTAGE		DESCRIPTION	Rec. Ft.	Sample No.	Footage		Sample Length	Assay					Assay x Feet		
FROM	TO				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag
651.6	<sup>201.0</sup> 660.0	QUARTZ-SERICITE PHYLLITE. Bleached, Minor Sulphides  Bleached to buff color, talcy, also much carb. 1 - 5% py, av. 2%, negl. PbZn. Much fracturing//core. C.A.: 55 at 653'; 70 at 655 - 659'.	6.4	1170	651.6	660.0	8.4	.53	.76	.26					
660.0	<sup>213.2</sup> 699.6	QUARTZ-SERICITE PHYLLITE. Med. to Dark Grey  65% qtz. Thinly laminated. Slightly altered to 686'. Minor fractures or cracks. A few shears in lower section. Fault at 660 - 661.5'. C.A.: 70 - 75 to 673'; 70 to 682'; 60 to 684'; shear at 682.7 (60°); 60 to 689'; 65 to 694'; 60 to 699'; shear at 697' at 40 to core.	38/ 39.6		660.0	699.6									
699.6	<sup>223.9</sup> 734.8	QUARTZ-SERICITE PHYLLITE. Altered Buff-Grey with Minor Sulphides  65 - 70% qtz. Thinly foliated light grey ser with minor buff ser foliations, also tan carb, Fl mod. developed at 700 - 709'. Negl. py PbZn except from 715.7 - 724.3 where 3 bands (0.4 - 1.3') pyrr rich (30%) sulphs contain up to 6% PbZn. Highly sericitic from 713 - 723'. C.A.: 65 at 690'; 60 at 701'; 70 at 705'; 75 at 710'; 65 at 714'; 75 at 716'; 60 at 718'; 70 at 723'; 60 at 729'; 70 to 734'.	13.1/ 16.1 6.8 8.3/ 10.5	1171	699.6	715.7 724.3 734.8	8.6	1.43	1.36	.44					







# DIAMOND DRILL RECORD

LOGGED BY \_\_\_\_\_

PROPERTY \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ BEARING OF HOLE \_\_\_\_\_ STARTED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ DIP OF HOLE \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ DIP TESTS \_\_\_\_\_ DEPTH Ultimate: \_\_\_\_\_

D.D.H. No. A - 62 PAGE 12 of 13

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



DIRECTION AND DISTANCE FROM

NE. CLAIM POST

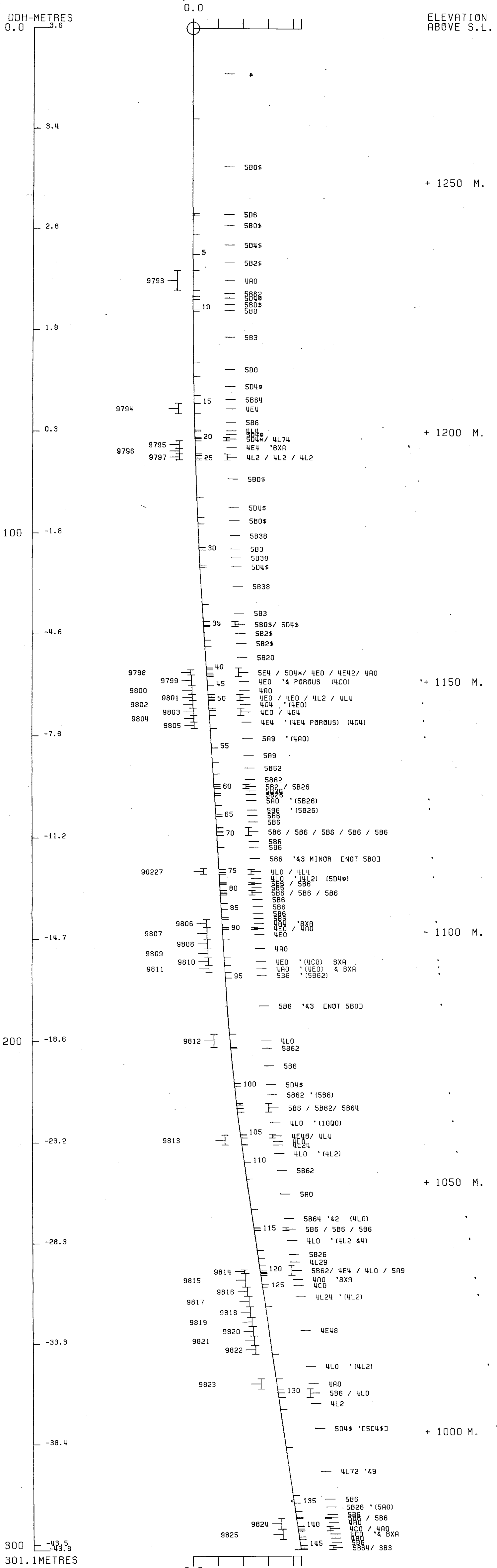
FOOTAGE		DESCRIPTION	Rec. Ft.	Sample No.	Footage		Sample Length	Assay					Assay x Feet				
FROM	TO				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag		
921.5	954.0	QUARTZ-SERICITE-BIOTITE PHYLITE. Bleached with Minor Sulphides 60% qtz, 3 - 5% brown mica confined within 926 - 946.5'. Color buff with brown bands or streaks. Overall, 2 - 3% py, but bands up to 0.4' contain up to 35% py. Odd spot pyrr, splashes chalco here and there. The best PbZn mineralization occur at 922 - 935' and 941.7 - 952.6, approx 0.25% PbZn. C.A.: 55 at 922 - 925'; 70 at 926 - 930'; shear 40 at 931'; 50 at 932'; 40 at 934'; 50 at 938'; 60 at 941 - 947'; 65 at 948 - 953'.															
			28.7/ 29.5		921.5	951.0											
			1.1/ 3.0			954.0											
954.0	968.7	QUARTZ-SERICITE + GRAPHITE PHYLITE. Med. and Dark and Black 60% qtz. Banded in sericitic sections and thinly foliated in graph sections. Graphitic phy very fissile. 1954.0 - 957.0': fault with gouge, light grey sericite 963.5': graphitic, highly sheared. 967.5 - 968.5': fault? gouge and brecciated C.A.: 40 at 956'; 50 at 958'; 85 at 962'; 85 - 80 to 968'.	1.2/ 3.5		954.0	957.5											
			0.9/ 4.5			962.0											
			5.1/ 6.7			968.7											
968.7	980.6	SULPHIDE ZONE IN QUARTZ-SERICITE PHYLITE 60 - 70% qtz, highly siliceous to 977.7. Light grey ser. Banded pyritic sulphs with bands ZnPb rich bands. Main PbZn section at 972.3 - 977.7 - 25 Py, 8 - 10 PbZn, 0.2 Cu; chiefly py with minor Cu at 968.7 - 972.3 - 30 Py, 0.2 PbZn, 0.1 Cu; sulph breccia and sericitic phy at 977.7 - 980.6 - 30 py, 0.1 PbZn C.A.: 90 - 80 at 969'; 80 - 75 to 977'; 75 at 980'.	3.3	1182	968.7	972.3	3.6	.23	.24	.24							
			5.2	1183		977.7	5.4	2.50	1.38	1.03							
			2.8	1184		980.6	2.9	.27	.62	.24							



# DDH: FAGA062 -- 42 DEGREE PROFILE

( VIEW AZIMUTH = 312 DEGREES )

ELEV: 1280 592347E ; 904868N  
 PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0  
 CORRECTED COLLAR POSITION: X = 435.8 Z = 1280.5  
 SECTION NAME: 70W



# DDH: FAGA062 -- 42 DEGREE PROFILE

( VIEW AZIMUTH = 312 DEGREES )

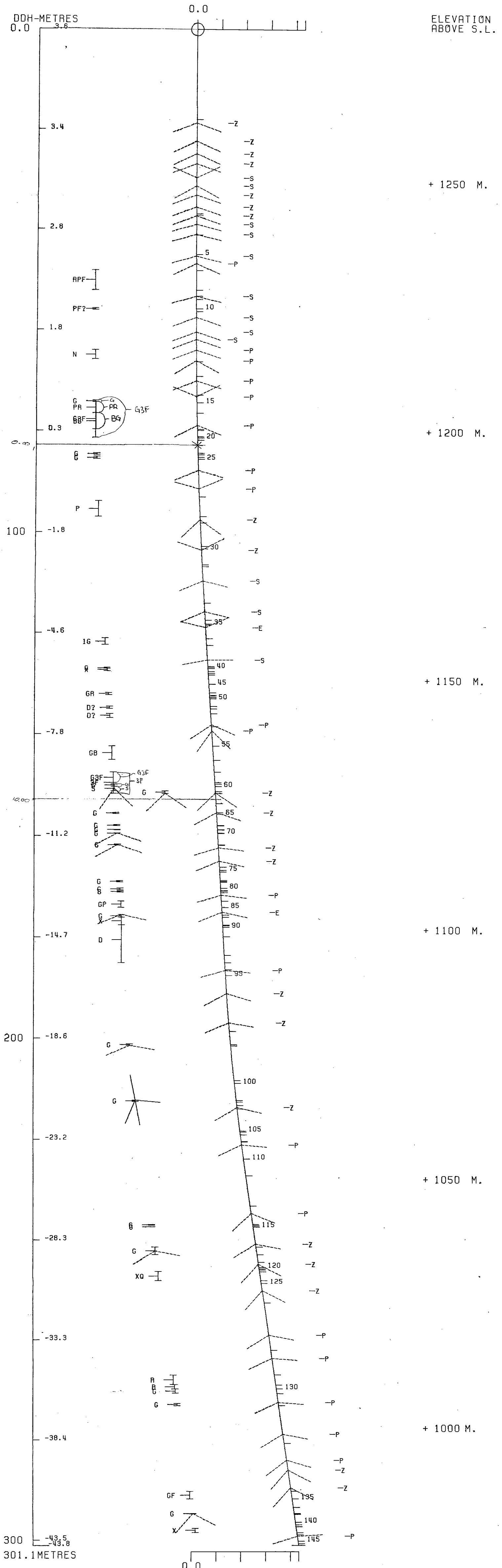
ELEV: 1280 592347E ; 904868N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 435.8 Z = 1280.5

SECTION NAME: 70W

ELEVATION ABOVE S.L.



FAGA083

DRILL HOLE : FAGA083  
NORTHING : 904,813.0  
EASTING : 592,224.7  
ELEVATION : 1,278.5  
TOTAL DEPTH : 360.8  
SECTION : W 72  
R.F.E. : S2  
RFE DIRECTION: 230  
PLUNGE ANGLE : 11  
PLUNGE DIRECT: 312  
DHD CALC: 1  
SS CALC: 1

## DETAIL RECORD COUNTS:

NOS ORE-SAMPLES: 20  
NOS DOWN-H-SURVEYS: 7  
NOS DOWN-H-LITHOLOGY: 89  
NOS DOWN-H-STRUCTURE: 52  
NOS DOWN-H-FAULTS: 45  
NOS DOWN-H-SPLINES: 7  
NOS COMPOSITES: 0



17FEB84 GRUM

DOWN-HOLE SURVEYS (DHO2C)

PAGE: 71

DDH: FAGA083 UTM-N: 904,813.0 UTM-E: 592,224.7 UTM-ELEV: 1,278.5 TOTAL DEPTH: 360.8 SECTION: W 72  
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
53.600	176.600	114.000
120.100	170.200	113.000
181.100	166.200	105.000
242.000	168.000	85.000
303.000	169.000	67.000
357.800	168.400	18.000

DDH: FAGA083 UTM-N: 904,813.0 UTM-E: 592,224.7 UTM-ELEV: 1,278.5 TOTAL DEPTH: 360.8 SECTION: W 72  
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
8.5	0001	#		0.5-	1
10.1	0002	5B20	86	0.5-	1
10.9	0003	500	(5B6)	0.5-	1
24.8	0004	5B0	(5D0)	0.5-	1
28.7	0005	5B6	80	0.5-	1
34.4	0006	5B3	(5A0) (5B26) E.O.I. 65:35	0.5-	1
37.5	0007	500		0.5-	1
39.6	0008	500	[5C3]	0.5-	1
40.5	0009	500	(5B8)	0.5-	1
49.4	0010	5B6		0.5-	1
51.8	0011	500		0.5-	1
57.1	0012	5B0		0.5-	1
59.6	0013	500		0.5-	1
61.9	0014	5A0		0.5-	1
67.8	0015	5B0		0.5-	1
69.0	0016	500		0.5-	1
70.7	0017	5B6		0.5-	1
71.1	0018	500		0.5-	1
72.6	0019	5B0		0.5-	1
75.5	0020	500	(5D0)	0.5-	1
77.5	0021	5B6		0.5-	1
78.1	0022	5F13	[5B810]	0.5-	1
81.5	0023	1000	(5A6)(5B6)(5D5) QTZ 60%	0.5-	1
82.3	0024	5B6		0.5-	1
84.2	0025	5A6		0.5-	1
93.9	0026	5B20	86	0.5-	1
107.4	0027	5B0	82 (5D0) MINOR	0.5-	1
108.8	0028	500	(5B6)	0.5-	1
125.8	0029	5B6	(5B0)	0.5-	1
127.5	0030	5A6	(5B6)	0.5-	1
132.7	0031	5B6		0.5-	1
134.7	0032	5B20		0.5-	1
138.0	0033	5B6		0.5-	1
138.2	0034	4LC		0.5-	1
140.8	0035	4E4	81 NO CORE	0.5-	1
141.3	0036	4LA	8 [5D40]	0.5-	1
144.3	0037	4E4	81 8# NC CORE	0.5-	1
145.1	0038	4C0	89 (4D4) (4LC)	0.5-	1
146.5	0039	5B23		0.5-	1
147.9	0040	5B3		0.5-	1
152.6	0041	5B3	RUBBLE	0.5-	1
156.2	0042	5E0	81	0.5-	1
163.5	0043	5B3	8 FAULT?	0.5-	1
164.6	0044	5E1		0.5-	1
165.9	0045	5E0		0.5-	1
171.3	0046	5B3	(5D0)	0.5-	1
174.8	0047	5B0	(5D0)	0.5-	1
181.4	0048	500		0.5-	1
181.8	0049	5B0		0.5-	1
183.8	0050	5E0		0.5-	1
185.6	0051	5B0		0.5-	1

DDH: FAGA083 UTM-N: 904,813.0 UTM-E: 592,224.7 UTM-ELEV: 1,278.5 TOTAL DEPTH: 360.8 SECTION: W 72  
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	INC
187.6	OC52	53C		0.5-	1
188.2	OC53	4LC		0.5-	1
191.6	OC54	53C	(5840)	0.5-	1
192.3	OC55	58C	(586 84)	0.5-	1
192.6	OC56	5869	1 SPHAL CPY	0.5-	1
193.6	OC57	40C	85 (4C0)	0.5-	1
194.0	OC58	4E4	88 89	0.5-	1
194.5	OC59	4C0		0.5-	1
197.3	OC60	4A13	PHYLLITIC [4C53]	0.5-	1
197.8	OC61	4E12	(4C0)	0.5-	1
201.7	OC62	586	80	0.5-	1
209.7	OC63	5826	(5A6)	0.5-	1
212.6	OC64	586	82	0.5-	1
214.9	OC65	586	86 80	0.5-	1
217.0	OC66	586	82 (5D08) MINOR	0.5-	1
219.0	OC67	5A16	GOUGE	0.5-	1
222.2	OC68	586	82 RUBBLE	0.5-	1
223.8	OC69	4E#8	(4L0 CLASTS)	0.5-	1
242.6	OC70	4A1	83	0.5-	1
245.2	OC71	586	82	0.5-	1
254.5	OC72	580	81 82	0.5-	1
257.1	OC73	4E0	(5A0) MINOR	0.5-	1
258.6	OC74	5862		0.5-	1
260.0	OC75	4E15	(4A0 81 83) (4H0)	0.5-	1
263.3	OC76	4A0	(4H0 BXA) MINOR (4E4) MINOR	0.5-	1
270.6	OC77	586	82 80	0.5-	1
273.5	OC78	5A6	80	0.5-	1
274.0	OC79	4AC	PHYLLITIC [4C5] (4G#) (4E1)	0.5-	1
280.1	OC80	586	82	0.5-	1
281.9	OC81	5A6	80	0.5-	1
283.6	OC82	586		0.5-	1
291.2	OC83	580	(5A0)	0.5-	1
292.9	OC84	586	(5A6)	0.5-	1
299.4	OC85	5862	80	0.5-	1
302.4	OC86	5A6	80	0.5-	1
354.9	OC87	5A6	(5A0)	0.5-	1
358.4	OC88	586	81	0.5-	1
360.9	OC89	5A6		0.5-	1

DDH: FAGA083 UTM-N: 904,813.0 UTM-E: 592,224.7 UTM-ELEV: 1,278.5 TOTAL DEPTH: 360.8 SECTION: W 72  
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE DIRECT	S1 ANGLE DIRECT	S2 ANGLE DIRECT	RFE	CDE	DHDC	SDC	PROCESS		
FAGAC83	0.C	10.4	CS2	Z	0	C	65	C	52	230	C	1	1	1
FAGAC83	0.C	18.3	CS2	M	C	C	0	C	66	230	C	1	1	1
FAGAC83	0.C	25.9	PS2	P	C	0	0	C	74	230	C	1	1	1
FAGA083	0.C	32.3	PS2	P	0	0	0	C	77	230	C	1	1	1
FAGAC83	0.C	39.6			0	0	0	C	90	230	C	1	1	1
FAGAC83	0.C	44.2			0	0	0	C	70	230	C	1	1	1
FAGAC83	0.C	49.1			C	0	0	C	78	230	0	1	1	1
FAGAC83	0.0	56.4			0	C	0	C	70	230	C	1	1	1
FAGAC83	0.C	64.0			0	0	0	C	85	230	C	1	1	1
FAGAC83	0.C	71.6			0	0	0	C	78	230	0	1	1	1
FAGA083	0.C	80.2			0	0	0	C	75	230	C	1	1	1
FAGA083	0.0	84.4			0	0	0	C	70	230	C	1	0	C
FAGAC83	0.C	86.9			C	0	C	C	86	230	C	1	1	1
FAGAC83	0.C	91.4			C	0	0	C	68	230	C	1	0	C
FAGAC83	0.C	94.5			0	0	0	C	65	230	C	1	1	1
FAGAC83	0.C	100.3			0	0	62	C	76	230	C	1	1	1
FAGAC83	0.0	107.0			C	0	0	C	65	230	C	1	0	0
FAGA083	0.0	108.2			0	0	0	C	72	230	0	1	1	1
FAGAC83	0.0	115.8			0	0	0	C	69	230	0	1	1	1
FAGA083	0.C	123.4			0	0	0	C	65	230	C	1	1	1
FAGAC83	0.C	129.5			0	0	0	C	49	230	0	1	1	1
FAGAC83	0.C	135.6			0	C	C	C	80	230	C	1	1	1
FAGA083	0.C	144.8	PS2	P	0	0	0	C	69	230	C	1	1	1
FAGA083	0.C	152.4			0	C	0	C	75	230	C	1	1	1
FAGA083	0.C	160.0			0	0	0	C	73	230	0	1	1	1
FAGAC83	0.C	167.6			0	0	0	C	65	230	C	1	1	1
FAGA083	0.0	175.3			0	C	69	0	80	230	C	1	1	1
FAGA083	0.C	182.9			C	0	0	C	79	230	C	1	1	1
FAGA083	0.0	190.2			C	0	62	C	75	230	C	1	1	1
FAGAC83	0.C	196.6	PS2	P	0	0	0	C	60	230	C	1	1	1
FAGAC83	0.C	204.2	CS2		0	C	87	180	69	230	0	1	1	1
FAGA083	0.C	211.8			0	0	87	180	59	230	C	1	1	1
FAGA083	0.0	222.2			0	0	C	C	60	230	C	1	1	1
FAGAC83	0.C	230.1			C	0	35	180	60	230	C	1	1	1
FAGA083	0.C	237.7			0	0	0	0	75	230	C	1	1	1
FAGAC83	0.0	245.4			0	0	0	0	66	230	0	1	1	1
FAGAC83	0.C	253.6			0	C	0	C	47	230	C	1	1	1
FAGAC83	0.C	260.6			C	0	0	C	42	230	C	1	1	1
FAGA083	0.C	268.2			0	0	52	0	75	230	C	1	1	1
FAGAC83	0.C	275.8	CS2		0	0	0	C	55	230	C	1	1	1
FAGAC83	0.C	284.4	CS2	S	0	0	54	C	65	230	C	1	1	1
FAGAC83	0.0	291.4			0	C	0	C	75	230	C	1	1	1
FAGAC83	0.C	298.7			C	0	C	C	76	230	C	1	1	1
FAGA083	0.C	306.3			0	C	0	0	82	230	C	1	1	1
FAGAC83	0.C	313.9			0	0	0	C	83	230	C	1	1	1
FAGA083	0.C	321.6			0	C	C	C	79	230	0	1	1	1
FAGAC83	0.C	329.2			0	0	0	0	67	230	C	1	1	1
FAGAC83	0.C	336.8			0	0	C	0	77	230	C	1	1	1
FAGA083	0.C	344.4			0	0	0	0	65	230	C	1	1	1
FAGAC83	0.C	352.0			C	C	0	0	75	230	C	1	1	1
FAGAC83	0.C	355.1			0	C	0	C	50	230	0	1	0	C



DDH: FAGA083 UTM-N: 904,813.0 UTM-E: 592,224.7 UTM-ELEV: 1,278.5 TOTAL DEPTH: 360.8 SECTION: W 72  
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	REC	CD	PARLL	UPPER PLANE	INTERNAL PLANE	LOWER PLANE	DHD			
FAGA083	0.0	32.9	1G				0	0	C	C	0	0	1
FAGA083	47.2	47.5	P	4			0	0	C	C	0	0	1
FAGA083	49.0	49.4	SD				0	0	G	C	0	0	1
FAGA083	0.0	51.8	XQ				0	0	C	C	0	0	1
FAGA083	78.1	81.4	Q				0	0	C	C	0	0	1
FAGA083	81.4	82.2	1J				0	0	25	27C	0	0	1
FAGA083	0.0	85.1	1G				0	0	0	0	0	0	1
FAGA083	0.0	91.6	1G				38	0	C	C	0	0	1
FAGA083	92.6	93.2	G				0	0	C	G	0	0	1
FAGA083	0.0	106.7	1G				37	180	0	C	0	0	1
FAGA083	106.9	107.1	XQ				99	999	C	C	99	999	1
FAGA083	137.7	138.2	X				0	0	C	C	0	0	1
FAGA083	138.2	140.8	NNN				0	0	C	C	0	0	1
FAGA083	141.2	144.3	NNN				0	0	0	C	0	0	1
FAGA083	147.9	152.5	R				0	0	C	C	0	0	1
FAGA083	156.0	156.9	1J				C	0	27	18C	0	0	1
FAGA083	157.9	158.7	G				0	0	C	C	0	0	1
FAGA083	159.7	162.4	P	2			0	0	G	C	0	0	1
FAGA083	162.4	162.7	XQ				99	999	C	C	99	999	1
FAGA083	159.7	162.7	F				0	0	C	0	0	0	1
FAGA083	164.5	168.5	1J				0	0	2C	27C	0	0	1
FAGA083	168.8	169.4	G				0	0	0	0	0	0	1
FAGA083	173.2	173.7	G				0	0	C	C	0	0	1
FAGA083	186.9	187.2	G				C	0	0	0	0	0	1
FAGA083	0.0	206.9	1GQ				0	0	99	999	0	0	1
FAGA083	217.6	218.8	GP				0	0	C	0	0	0	1
FAGA083	218.9	222.1	RP	5			0	0	C	C	0	0	1
FAGA083	222.1	223.8	XD?				0	0	C	C	0	0	1
FAGA083	0.0	243.2	1G				0	0	C	C	0	0	1
FAGA083	0.0	244.6	1G				0	0	C	C	0	0	1
FAGA083	250.8	252.9	GP	1			0	0	C	C	0	0	1
FAGA083	0.0	260.6	1SD				0	0	0	0	0	0	1
FAGA083	0.0	262.2	DX?				0	0	C	C	0	0	1
FAGA083	269.1	269.8	G				0	0	C	C	0	0	1
FAGA083	270.4	270.5	G				0	0	C	C	0	0	1
FAGA083	0.0	270.7	DX?				0	0	C	C	0	0	1
FAGA083	0.0	273.8	1G				C	0	C	C	0	0	1
FAGA083	283.1	283.6	Q1G				46	0	C	0	0	0	1
FAGA083	290.6	291.2	QG				17	0	C	C	0	0	1
FAGA083	0.0	308.2	1G				C	0	0	0	0	0	1
FAGA083	309.4	310.0	G				C	0	99	999	0	0	1
FAGA083	0.0	339.6	1G				0	0	C	C	0	0	1
FAGA083	344.6	344.7	1G				0	0	C	C	0	0	1
FAGA083	0.0	347.7	1G				0	0	C	C	0	0	1
FAGA083	360.5	360.8	G				0	0	0	C	0	0	1

17FE884 GRUM

DOWN-HOLE SPLINES (20)

PAGE:

DDH: FAGA083 UTM-N: 904,813.0 UTM-E: 592,224.7 UTM-ELEV: 1,278.5 TOTAL DEPTH: 360.8 SECTION: W 72  
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH SEGMENT NOS COND INDICATOR

FAGAC83	1	2
FAGAC83	2	2
FAGAC83	3	2
FAGAC83	4	2
FAGAC83	5	2
FAGAC83	6	2
FAGAC83	7	1

Hole Number: 75-A-083 (FAGA-083)

Reference Fabric Orientation Diagram:

Project: GRUM

Location: SECTION 72 W

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

~~UTM Terr. Plane  
Co-ords.:~~ 6904 813.0 N

1979 HZW  
~~Orthogonal Summary~~ 592 224.7 E

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

All symmetry determinations looking

Elevation: 1278.5

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

Total Depth: \_\_\_\_\_

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

Purpose: RELOG GRUM

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

Logged by: GG

Date(s) Logged: 20-23 JUNE/81

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

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

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

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

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





DDH F.A.G.A. 083

### Cyprus Anvil Mining Corp.

Page 4 of 12

UNITS = METER FEET

### Lithologic Log

Date: 21 June/81 Logged By: GG

Code	From				To				Recov.	No.	Unit	Description	F/W CNT	
	10	14	16	20	22	24	26	28					30	34
L	2233			2263					116	5D3	MASSIVE			11S <sub>2</sub>
L	2263			2320					117	5B6	FINE GRAINED; SAME			T. 11S <sub>2</sub>
											CALC. LAMS;			
L	2320			2334					118	5D3	MASSIVE			11S <sub>2</sub>
L	2334			2382					119	5B3	NON-CALC WITH HIGH FRFR. IN			11S <sub>2</sub>
											CALC LAMS			
L	2382			2477					20	5C*	80% DOLO; 3% STROMAL	1 cm		
											OUT CHLORITE (MOTTLES)	22 VN		
											+ (5D3) - MASS WITH POSS. (?)			
											GRADATIONAL W/ W CNT &			
											SHARP F/W CNT			
L	2477			2543					21	5B6	FINE GRAINED; MASSIVE;			11S <sub>2</sub>
L	2543			2563					22	5F13	(?) - V. SILICEOUS, LAM'D,	1 cm		
											WHITE CERITIC;	22 VN		
												11S <sub>2</sub>		
L	2563			2673					23	1.0.10.1	+ (5A6) + (5E6) + (5D*) - ANK)	20 VN		
											60% OF UNIT = TULL 22;			
L	2673			2700					24	5B6	FINE GRAINED.			11S <sub>2</sub>
L	2700			2762					25	5A6	V. HIGH CARBON; SOFT.	22 VN		
L	2762			3080					26	5B2*	16; GOU CAS @ 279.3-279.7 ft,	RUBBLE		
											305.5-306.1 ft			
											304.0-306.1 ft			
L	3080			3525					27	5B*	± CARBON; SLIGHTLY CALC			11S <sub>2</sub>
											THROUGHOUT; FINE GRAINED;			
											GENERALLY DR GRAY;			
											+ (minor 5D* - ANK);			
											SOURCE @ 330.0-330.2 ft -			
											22 VN SOURCE @ 330.0-331.4 ft			
L	3525			3570					28	5D3	MASS + (5B6 - FINE GRAINED)			11S <sub>2</sub>
L	3570			4128					29	5B6	+ (5E6) - FINE GRAINED;			11S <sub>2</sub>
											± CARBON			
L	4128			4184					30	5A*	+ (5E6 - FINE GRAINED);			20 VN
											22 VNS CUTTING S <sub>2</sub> IN F/W			
L	4184			4354					31	5B6	FINE GRAINED, DR GRAY;			11S <sub>2</sub>
L	4354			4420					32	5B2*	- SLIGHTLY CALC THROUGHOUT;			11S <sub>2</sub>
L	4420			4526					33	5B6	SHARP (<10cm) COLLECT RE VNS =			11S <sub>2</sub>
											VNS =			

UP IN FEET

Code	From			To			Recov.	No.	Unit	Description	F/W CNT		
	10	14	16	20	22	24					26	28	30
L	4520		4535						34	A40	+ (400 - BRECCIA - 400 + QZ ANGULAR CLASTS - OPEN S-1000-1000) @ 452.6 - 453.0 ft	—	—
											4535-462.0 @ 463.5 - 473.5 ft SAMPLED BY K.A. - LITHOLOGIC INTERPRETATION BY K.A. 1981 AND TRACES OF TUMBLING CORN COKE BRON?		
L	4535		4620						35	A1E4	+1	—	—
L	4620		4635						36	A1L*	CALC + 25% QZ	—	—
L	4635		4735						37	A1E4	± 1 ± 4 CALC	—	—
L	4735		4760						38	A1C10	SERICITIC (± 6% = 10%) ± 9 (400)	2 cm QZ VN	—
L	4760		4808						39	S1B23	FRED. CALCITE + CARBON; MINOR LOCAL CHALCOPYR;	10 cm QZ VN	—
L	4808		4853						40	S1B3	V. CALC.	—	115.
L	4853		5006						41	S1E3	AS UNIT 40 + SERICITIC; UNIT = FRED (CARBON TUMBLING)	10 cm QZ VN	—
L	5006		5125						42	S1E0	± 1	—	115
L	5125		5363						43	S1B3	V. CALC + ANK (5%) <u>REGUL @ 512.3 - 520.7 ft</u> + (5E0 - TOWARD F/W) 524-533 - 2.0 ft RECOVERY → DRILLING PROBLEM; 533.0 - 533.8 - BRECCIA - 1000 - SILICA - 1000 - 1000 - 1000 - PROP SILICATE - 1000 - 1000 - MASC. PIP - 1000 - 1000 - <u>FRED TUMBLING</u>	1 cm QZ VN	—
L	5363		5379						44	S1E1		—	115
L	5379		5412						45	S1E0		—	115
L	5412		5620						46	S1B3	V. CALC; FINE GRAINED; - IF THIS WERE AN ANK MASC. GRADE IT WOULD BE AT 3DG;	6 cm QZ VN	—















Feet

FAULT

DDH FAG.083  
2 8

Cyprus Anvil Mining Corp.

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

Structural Log

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

Code	From		To		Feature	E or S	S <sub>0</sub>		S <sub>1</sub>		S <sub>2</sub>		Description
	10	14	16	20			Dip Direct.	28	32	34	38	40	
F			1108	0	1G								20 cm gouge
F	116	109	116	22	SD								mylonitic texture - 0.1-2.0 cm calcite clasts in SB6 sheared matrix
F	115	50	115	60	P <sub>1</sub>	4							0.4 ft / 11.0 ft recovery
F			117	10	XIQ <sub>1</sub>								qtz vein bxa - 1/2 foot
F	12	5163	12	6173	Q <sub>1</sub>								60% of unit bull qtz
F	12	6173	12	710	1N <sub>1</sub>			25	2170				tension gashes
F			12	7195	1G <sub>1</sub>								gouge 279.3 - 279.7 ft
F			13	10107	1G <sub>1</sub>		318	01010					gouge 300.5 - 301.0 ft
F	13	10140	13	10161	G <sub>1</sub>								gouge
F			13	15101	11G <sub>1</sub>		317	11810					gouge 350.0 - 350.2 ft
F	13	5110	13	5117	XIQ <sub>1</sub>		919	91919			919	91919	qtz vein bxa
F	14	512	14	5135	X <sub>1</sub>								bxa angular clasts - open structure
F	14	5135	14	6120	N <sub>1</sub> N <sub>1</sub> M								Kem-Add sample No core
F	14	6135	14	7135	N <sub>1</sub> M <sub>1</sub> M								" " "
F	14	8153	15	10106	R <sub>1</sub>								unit predom. coarse rubble
F	15	1120	15	1150	1N <sub>1</sub>				217	11810			tension gashes
F	15	1183	15	2107	G <sub>1</sub>								gouge
F	15	2140	15	3130	P <sub>1</sub>	2							2.2 ft / 9 ft
F	15	3130	15	3138	XIQ <sub>1</sub>		919	91919			919	91919	bxa, silicon - ank matrix
F													SB clasts + rare py clasts
F	15	2140	15	3138	F								fault zone
F	15	4100	15	5130	1N <sub>1</sub>				210	2170			tension gashes
F	15	5140	15	5160	G <sub>1</sub>								30% gouge
F	15	6134	15	7100	G <sub>1</sub>								gouge
F	16	1135	16	1142	G <sub>1</sub>								gouge
F			16	17190	11G <sub>1</sub> Q				919	91919			qtz veins & gouge // S <sub>2</sub>
F	17	1140	17	1180	GP <sub>1</sub>								80% gouge + missing core
													IND
F	17	1185	17	2190	R <sub>1</sub> P <sub>1</sub>	5							6 ft / 10.5 ft rubble
F	17	2190	17	3144	XID <sub>1</sub> ?								isolated 40 clasts
F			17	9180	1G <sub>1</sub>								10 cm gouge
F			18	10127	1G <sub>1</sub> T								10 cm gouge
F	18	2130	18	3100	GP <sub>1</sub>	1							0.8 ft / 7 ft gouge
F			18	5150	1SD								minor shear bxa

Feet

FAULT

DDH F.A.G.A.D.83  
2 8

Cyprus Anvil Mining Corp.

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

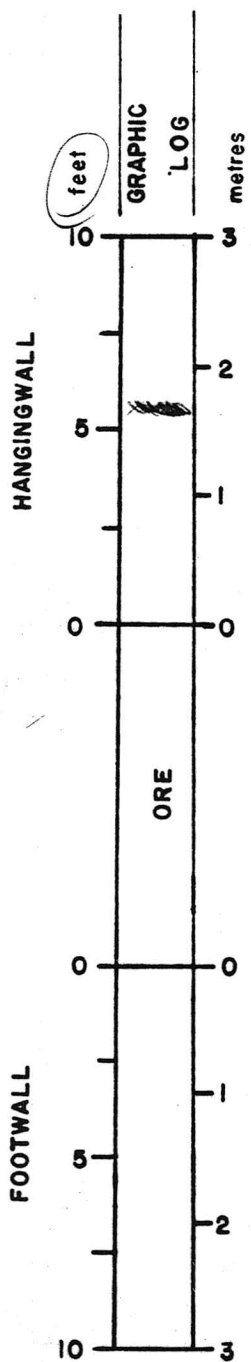
Structural Log

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

Code	From				To				Feature	E N	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			1816	1810			3	DIXI?									360-360.6 qtz-carb bxs clasts in 4H0 matrix
F	1810	1813			1815	1814		G									gouge
F	1818	1822			1817	1816		G									gouge
F					1818	1812		DIXI?									4H0 bxs 888.1-888.3
F					1819	1814		1/1G									5cm gouge
F	1912	1919			1910	1905		Q1/1G	4	16	0	100					qtz vein + minor gouge
F	1915	1913			1915	1915		Q1G	1	17	0	100					gouge + qtz veins
F					110	111		3/1G									gouge 1011.0 - 1011.6
F	110	111	15	2	110	117		3			9	19	9	19			gouge
F					111	114		2/1G									gouge 1114.0 - 1114.5
F	111	113	0	7	111	113		1/2									
F					111	114		08/1G									gouge 1140.6 - 1140.0
F	111	118	3	0	111	118		40									gouge

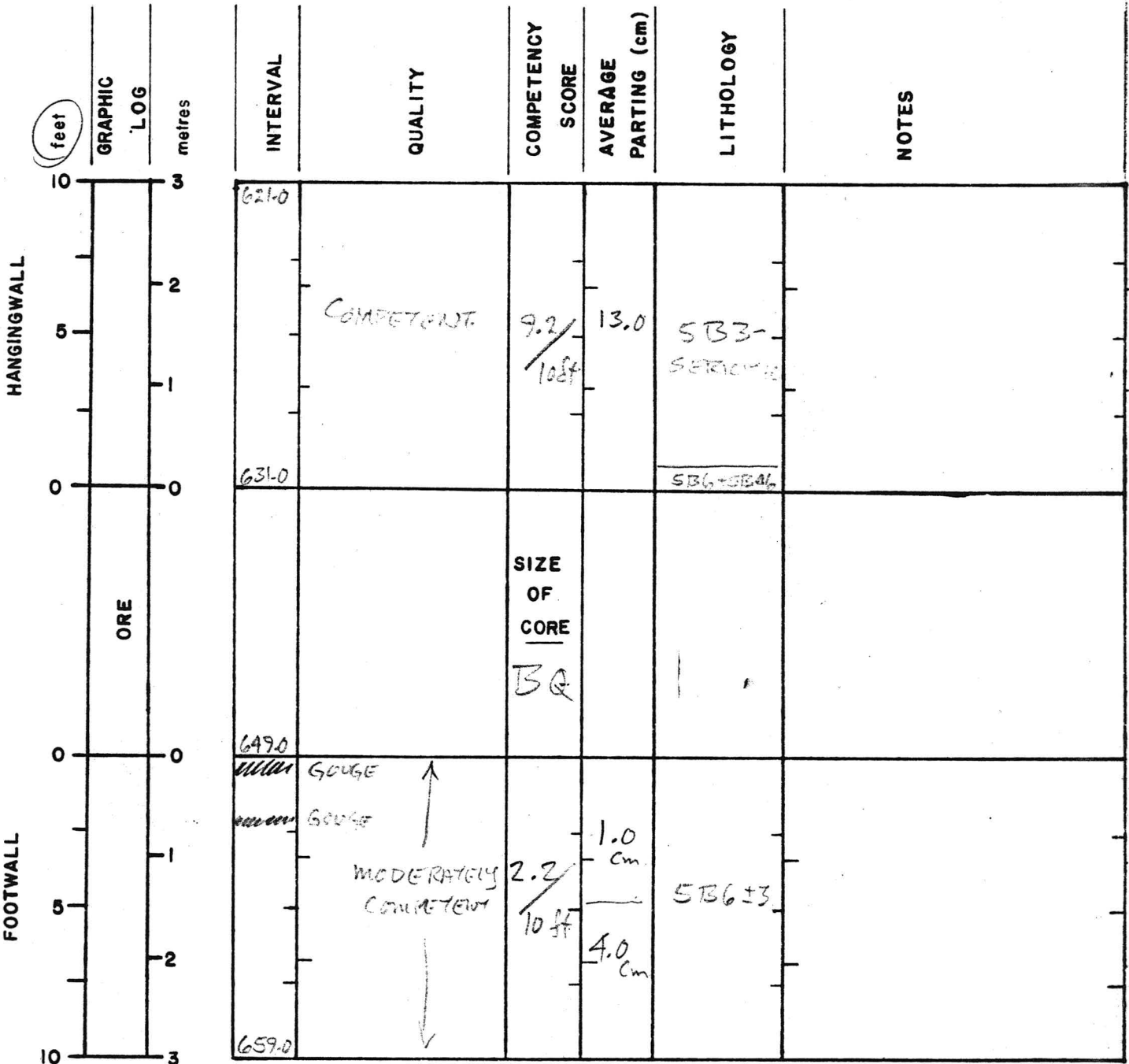
DDH- FIAGIADIB  
 453.5 - 476.0 feet  
 1/2

# GEOTECHNICAL LOG



INTERVAL	QUALITY	COMPETENCY SCORE	AVERAGE PARTING (cm)	LITHOLOGY	NOTES
443.5	COARSELY BROKEN GOUGE COAL	0.7 / 10ft	2cm	5B6	
453.5	COMPETENT	0.7 / 10ft	5cm	4L0	
		<u>SIZE OF CORE</u> BQ.			
476.0	MODERATELY COMPETENT	0.9 / 10ft	4cm	5B23	
486.0	SOCALIBLES SAND		0.5cm	5B3	

GEOTECHNICAL LOG



feet

GRAPHIC LOG

metres

HANGINGWALL

10

5

0

0

5

10

ORE

INTERVAL

QUALITY

COMPETENCY SCORE

AVERAGE PARTING (cm)

LITHOLOGY

NOTES

SIZE OF CORE

BQ

FOOTWALL

3

2

1

0

0

1

2

3

FAGA070

DRILL HOLE : FAGA070  
NORTHING : 904,909.9  
EASTING : 592,390.5  
ELEVATION : 1,286.1  
TOTAL DEPTH : 108.2  
SECTION : W 70  
R.F.E. : S2  
RFE DIRECTION: 230  
PLUNGE ANGLE : 11  
PLUNGE DIRECT: 312  
DHD CALC: 1  
SS CALC: 1

## DETAIL RECORD COUNTS:

NOS ORE-SAMPLES: 17  
NOS DOWN-H-SURVEYS: 3  
NOS DOWN-H-LITHCLOGY: 26  
NOS DOWN-H-STRUCTURE: 14  
NOS DOWN-H-FAULTS: 10  
NOS DOWN-H-SPLINES: 3  
NOS COMPOSITES: 0



DDM. 840070 UTM-N: 904,909.9 UTM-E: 592,390.5 UTM-ELEV: 1,236.1 TOTAL DEPTH: 100.2 SECTION: W 70  
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
49.100	176.000	123.000
103.900	174.000	143.900

DDH: FAGA070 UTM-N: 904,909.9 UTM-E: 592,390.5 UTM-ELEV: 1,206.1 TOTAL DEPTH: 108.2 SECTION: W 70  
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	HEAT	SYMTRY	SO ANGLE	DIRECT	S1 ANGLE	DIRECT	S2 ANGLE	DIRECT	RFE	COE	DHDC	SDC	PROCESS
FAGA070	0.0	35.4	CS2	S	0	0	52	0	72	230	C		1	1	1
FAGA070	0.0	41.5	CS2	S	0	0	57	0	65	230	C		1	1	1
FAGA070	0.0	48.5	CS2	S	0	0	39	0	46	230	C		1	1	1
FAGA070	0.0	52.4	PS2	P	0	0	0	0	54	230	C		1	1	1
FAGA070	0.0	61.0	CS2	M	0	0	0	0	63	230	C		1	1	1
FAGA070	0.0	67.1	CS2		0	0	0	0	22	230	C		1	1	1
FAGA070	0.0	71.6	CS2	M	0	0	0	0	65	230	C		1	1	1
FAGA070	0.0	74.7	CS2	Z	0	0	30	320	68	230	C		1	1	1
FAGA070	0.0	78.9	CS2	M	0	0	0	0	73	230	C		1	1	1
FAGA070	0.0	85.3	CS2	M	0	0	0	0	86	230	C		1	1	1
FAGA070	0.0	89.6	CS2		0	0	0	0	67	230	C		1	1	1
FAGA070	0.0	96.0	CS2	S	0	0	0	0	73	230	C		1	1	1
FAGA070	0.0	101.2	CS2	Z	0	0	0	0	68	230	C		1	1	1
FAGA070	0.0	106.7	PS2	Z	0	0	0	0	82	230	C		1	1	1

DOWN HOLE FAULTS (DHO20)

UTM-N: 221,000.0 UTM-E: 592,390.5 UTM-ELEV: 1,286.1 TOTAL DEPTH: 108.2 SECTION: W 70  
 REF: S2 REF 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
FAGAC70	34.1	39.1	1BP		0	0	C C 0 0	1
FAGAC70	0.0	46.9	1R		C	0	C C 0 0	1
FAGAC70	0.0	53.9	G		0	0	C C 0 0	1
FAGAC70	0.0	54.0	1R		C	0	C C 0 0	1
FAGAC70	61.4	61.9	NNN		0	0	C C 0 0	1
FAGAC70	64.7	66.5	NNN		0	0	C C 0 0	1
FAGAC70	79.2	81.6	NNN		0	0	C C 0 0	1
FAGAC70	89.5	92.2	G		0	0	99 999 0 0	1
FAGAC70	96.7	102.7	1G		0	0	C C 0 0	1
FAGAC70	103.3	108.2	3G		0	0	C C 0 0	1

## DOWN-HOLE SPLINES (DH020)

PAGE: 00

DDH: FAGAC70 UTM-N: 904,909.9 UTM-E: 592,390.5 UTM-ELEV: 1,265.1 TOTAL DEPTH: 108.2 SECTION: W 70  
RFE: S2 RFE DIR: 250 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DH SEGMENT NOS COND INDICATOR

FAGAC70	1	2
FAGAC70	2	2
FAGAC70	3	1













COPY

DDH FAGAO.7.0 Cyprus Anvil Mining Corp

ASSAY LOG (SAMPLER'S COPY)

CODE	FROM		TO		SAMPLE		INTR.		REC (m)		UNIT	DESCRIPTION
	10	14	16	20	22	26	28	30	32	34		
P	12101	5	12103	3	19826	118	17	14A14	WHOLE CORE SAMPLED BY K.A. ASSAY #1423			
P	12103	3	12107	5	19827	142	142	4A12	(+ 4E0)			
P	12107	5	12112	5	19828	150	50	14A14	+ (4E4)			
P	12112	5	12118	5	19829	160	17	14A14	+ (4E4) WHOLE CORE SAMPLED BY K.A. SEE ASSAY #1426.			
P	12118	5	12211	0	19830	125	25	14A11	(+ 4E0)			
P	12211	0	12211	9	19831	109	109	15E31				
P	12211	9	12219	1	19832	172	70	14L14				
	12219	1	12373	3	TTTT	182	---	15E1*	LOW GRADE NOT SAMPLED// ASSAY = 0g			
P	12373	3	12410	0	19833	37	37	14L14				
P	12410	0	12459	9	19834	149	149	14A14				
P	12459	9	12508	8	19835	149	39	14A14				
P	12508	8	12578	8	19836	70	70	14L14				
P	12578	8	12600	0	19837	122	22	14L11	± 4			
P	12600	0	12680	0	19838	180	17	14L11	± 4 + (4A14) // WHOLE CORE SAMPLED BY K.A. SEE ASSAY #1433			
P	12680	0	12753	3	19839	173	73	14A11	± 4			
P	12753	3	12826	6	19840	173	73	14A11	± 4			
P	12826	6	12900	0	19841	174	74	14A11	± 4			
	13117	5	13214	5	19842	172	68	13G21	± 4 + (4A14)			

UNITS FEET

SPLIT

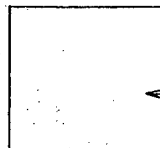




# DIAMOND DRILL RECORD

 LOGGED BY F. Chow

 D.D.H. No. 75-A70 PAGE 2 of 5

 PROPERTY \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ BEARING OF HOLE \_\_\_\_\_ STARTED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ DIP OF HOLE \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ DIP TESTS \_\_\_\_\_ DEPTH <sup>Proposed:</sup> <sub>Ultimate:</sub> \_\_\_\_\_

 CLAIM No. \_\_\_\_\_  
 ← N → DIRECTION AND DISTANCE FROM  
 NE. CLAIM POST

FOOTAGE		DESCRIPTION /	Rec. Ft.	Sample No.	Footage		Sample Length	Assay					Assay x Feet					
FROM	TO				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag			
180.0	201.5	QUARTZ - GRAPHITE PHYLLITE Dark gray - black. 35-40% quartz, odd pyrite. Thinly laminated. Highly fissile. Fl locally prominent.																
			3.5/9		180.0	189.0												
			5/6			195.0												
		Core Angles: 60° @ 181', 40° @ 184'-192', 50° @ 194', 65° @ 200' 70° @ 201'.	3.8/6.5			201.5												
201.5	221.0	QUARTZ - SERICITE - GRAPHITE PHYLLITE WITH SULPHIDES 60-65% quartz, 4% graphite, variable sulphides, banded. 201.5'-203.3' -- rich lead-zinc bands 25% pyrite, 14% lead-zinc	1.8	1423	201.5	203.3	1.8	4.58	8.00	1.76	✓			8.244	14.40	3.168		
		-207.5' -- 25-30% pyrite, alternating heavy pyrite bands, 2% lead-zinc	4.2	1424		207.5	4.2	1.65	1.88	.79	✓			6.93	7.896	3.318		
		-212.5' -- as above, more lead-zinc - 5%	5.0	1425		212.5	5.0	3.38	5.88	1.24				16.90	29.40	6.20		
		-216.5' -- massive sulphides, 60% pyrite 25% (?) lead-zinc	6.0	1426		218.5	6.0	6.59	14.70	3.29				39.54	88.20	19.74		
		-218.5' -- 10% pyrite, 6% lead-zinc. Fl prominent																
		-221.0' -- 3% pyrite, 0.4% lead-zinc																
		Rock moderately competent.			Wt. Av.	201.5	218.5	17.0	4.21	8.23	1.91	(65.4 wt. %)	✓	71.614	139.896	32.426		
					Wt. Av.	207.5	218.5	11.0	5.13	10.69	2.36	(80.9)	✓	56.44	117.60	25.94		
		Core Angles: 40° @ 202', 50° @ 203', 45° @ 204', 50° @ 211', 30° @ 214', 70° @ 217', 30° @ 218', 50° @ 219', 30° @ 221'.	4.2	1427		222.7	4.2	1.23	.37	.50				5.166	1.554	2.10		
221.0	241.2	QUARTZ - SERICITE - CHLORITIC PHYLLITE WITH SULPHIDES. Bleached. 40-50% quartzose-feldspar, variable sulphides, mixed bands of sericite and sericite-chloritic phyllite. The latter generally contain no lead-zinc and pyrite. Rocks totally bleached and, leached sections show. fuschite. Fl locally moderately developed. Rock Weak in non sulphides.																
			6.4	1428	222.7	229.1	6.4	1.18	1.18	.41				7.552	7.552	2.624		
					Wt. Av.	218.5	229.1	10.6	1.2	0.86	0.45	(15.3)	✓	12.718	9.106	4.724		
			7.9/8.2			237.3												
			4.7	1429		242.0	4.7	1.68	3.96	.85				7.896	18.612	3.925		

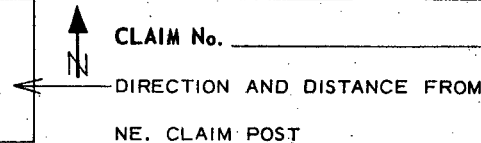
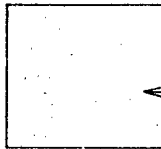
# DIAMOND DRILL RECORD

LOGGED BY F. Chow

D.D.H. No. 75-A70

PAGE 3 of 5

PROPERTY \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ BEARING OF HOLE \_\_\_\_\_ STARTED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ DIP OF HOLE \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ DIP TESTS \_\_\_\_\_ DEPTH Proposed: \_\_\_\_\_ Ultimate: \_\_\_\_\_



FOOTAGE		DESCRIPTION /	Rec. Ft.	Sample No.	Footage		Sample Length	Assay					Assay x Feet					
FROM	TO				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag			
		221.0'-223' - quartz dense with pyrite and leached sericite with fuschite. Negligible lead-zinc.																
		-225.8'- quartz, sericite, sulphides; 10% pyrite, 4-5% lead-zinc, Fl folds.																
		-228' - quartz, sericite, chlorite (15%), barren except for 0.2' Fl nose!																
		228 -229.1'- quartz, sericite, sulphides; 15% pyrite, 1% lead-zinc, Fl folds.																
		-236' - quartz, sericite, chlorite (4%), barren of sulphides																
		-236.2'- quartz, sericite, sulphides, 1% pyrite, 2% lead-zinc																
		-237.3'- leached sericite with fuschite																
		-241.2'- quartz, sericite, sulphides; 3% pyrite, 5.5% lead-zinc.																
		Core Angles: 55° @ 222', 50° @ 224', 60° @ 229', 70° @ 230', 60° @ 232', 65° @ 240'.																
241.2	249.0	QUARTZ - SERICITE - GRAPHITE PHYLLITE WITH SULPHIDES Similar phyllite as quartz - sericite with sulphides above, but with 2-4% graphite. Phyllite more quartz (50-60%). Fl well developed, 4% pyrite, 6.5% lead-zinc. Rock competent.	4.0	1430	242.0	246.0	4.0	1.95	4.92	.88				7.80	19.68	3.52		
		Core Angle: 75° @ 244'-261'.																
249.0	264.0	QUARTZ - SERICITE PHYLLITE WITH SULPHIDES 60-70% quartz-feldspar, 2% pyrite, 5-8% lead-zinc, similar to 237.3'-241.2' except more siliceous. Locally prominent Fl folds	8.7	1431 Wf. Av.	246.0 237.3	255.0 255.0	9.0 17.7	2.03 1.92	4.80 4.60	1.00 0.93				19.27 33.966	43.20 81.492	9.00 16.515		





# DDH: FAGA070 -- 42 DEGREE PROFILE

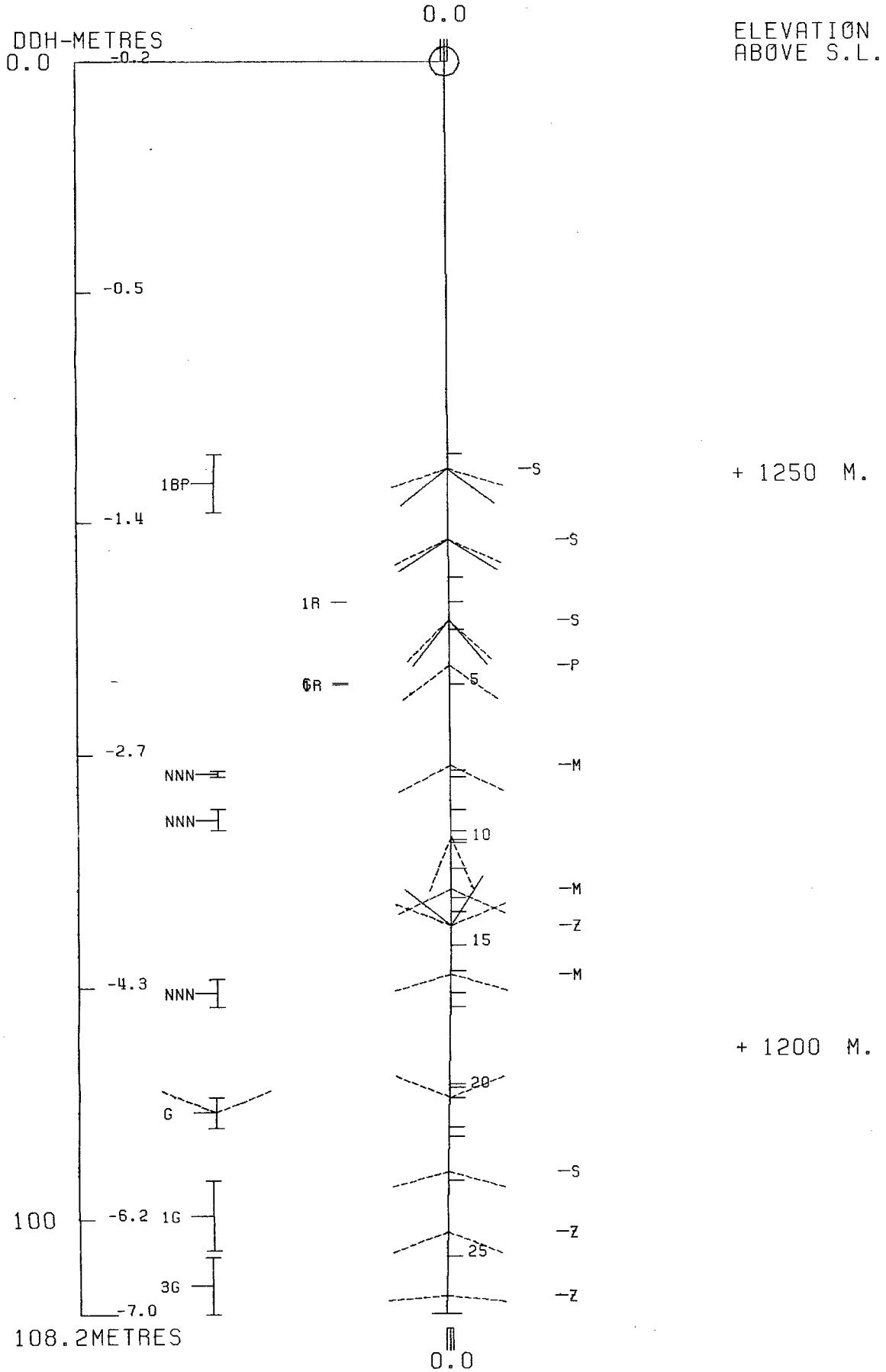
( VIEW AZIMUTH = 312 DEGREES )

ELEV:1286      592391E ; 904910N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 495.7    Z = 1286.1

SECTION NAME: 70W



# DDH: FAGA070 -- 42 DEGREE PROFILE

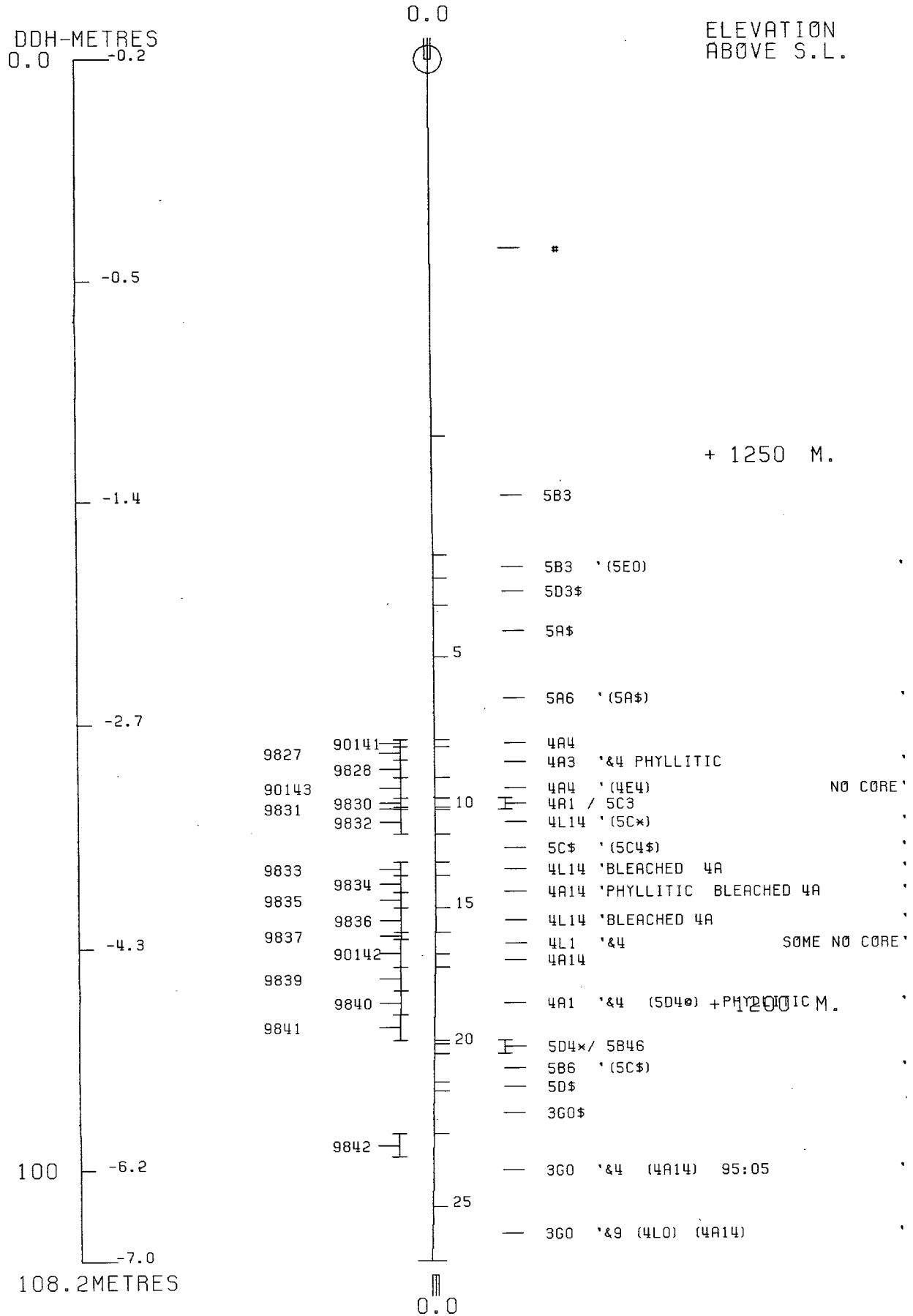
( VIEW AZIMUTH = 312 DEGREES )

ELEV:1286 592391E ; 904910N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 495.7 Z = 1286.1

SECTION NAME: 70W



FAGA096

DRILL HOLE : FAGA096  
NORTHING : 904,955.0  
EASTING : 592,432.5  
ELEVATION : 1,293.0  
TOTAL DEPTH : 151.5  
SECTION : W 70  
R.F.E. : S2  
RFE DIRECTION: 230  
PLUNGE ANGLE : 11  
PLUNGE DIRECT: 312  
DHD CALC: 1  
SS CALC: 1

## DETAIL RECORD COUNTS:

NOS CRE-SAMPLES: 22  
NOS DOWN-H-SURVEYS: 3  
NOS DOWN-H-LITHCLOGY: 44  
NOS DOWN-H-STRUCTURE: 18  
NOS DOWN-H-FAULTS: 21  
NOS DOWN-H-SPLINES: 3  
NOS COMPOSITES: 0



30MAR84 GRUM

DOWN-HOLE SURVEYS (CHCPC)

PAGE: 35

DDH: FAGA096 UTM-N: 904,955.0 UTM-E: 592,432.5 UTM-ELEV: 1,293.0 TOTAL DEPTH: 151.5 SECTION: W 70  
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
58.100	176.000	36.500
112.900	173.500	103.000



DDH: FAGA096 UTM-N: 904,955.0 UTM-E: 592,432.5 UTM-ELEV: 1,293.0 TOTAL DEPTH: 151.5 SECTION: W 70  
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
FAGA096	0.0	49.6	CS2	Z	0	0	0	C	65	230	C		1	1	1
FAGA096	0.0	53.3	CS2		0	0	0	C	40	230	C		1	1	1
FAGA096	0.0	61.0	CS2	Z	0	0	0	C	50	230	C		1	1	1
FAGA096	0.0	66.4	CS2	Z	0	0	0	C	60	230	C		1	1	1
FAGA096	0.0	76.0	CS2	Z	0	0	0	C	30	230	C		1	1	1
FAGA096	0.0	82.6	CS2		0	0	0	C	5	230	C		1	1	1
FAGA096	0.0	88.3	CS2	Z	0	0	0	C	50	230	C		1	1	1
FAGA096	0.0	93.0	PS2	P	0	0	0	C	25	230	C		1	1	1
FAGA096	0.0	95.6	PS2	P	0	0	0	C	50	230	C		1	1	1
FAGA096	0.0	102.8	PS2	P	0	0	0	G	50	230	C		1	1	1
FAGA096	0.0	108.8	PS2	P	0	0	0	C	65	230	C		1	1	1
FAGA096	0.0	111.8	CS2	S	0	0	0	C	70	230	C		1	1	1
FAGA096	0.0	115.4	CS2	Z	0	0	0	C	80	230	C		1	1	1
FAGA096	0.0	120.7	PS2	P	0	0	0	C	60	230	C		1	1	1
FAGA096	0.0	126.8	PS2	P	0	0	0	C	45	230	C		1	1	1
FAGA096	0.0	136.7	PS2	P	0	0	0	C	50	230	C		1	1	1
FAGA096	0.0	141.3	PS2	P	0	0	0	C	50	230	C		1	1	1
FAGA096	0.0	147.0	PS2	P	0	0	0	C	50	230	C		1	1	1



30MAR84 GRUM

DOWN-HOLE SPLINES (DH02D)

PAGE: 39

DDH: FAGA096 UTM-N: 904,955.0 UTM-E: 592,432.5 UTM-ELEV: 1,293.0 TOTAL DEPTH: 151.5 SECTION: W 70  
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH SEGMENT NOS COND INDICATOR

FAGA096	1	2
FAGA096	2	2
FAGA096	3	1

DIAMOND DRILL CORE LOG

Date: 21 AUG 81

Hole Number: FAGA 096

Reference Fabric Orientation Diagram:

Project: GRUM RELOG

Location: SECT 70 W

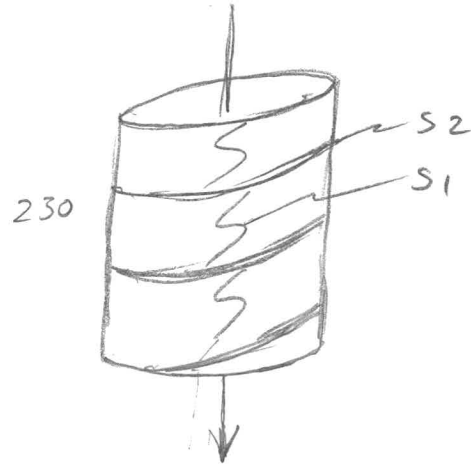
Claim: \_\_\_\_\_

U.T.M. Terr. Plane

Co-ords.: 6904955.0 N

592432.5 E

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



Elevation: 1293.0

All symmetry determinations looking NW with S2 dipping

Total Depth: 137.2 m.

SW with dip azimuth 230.

Purpose: GRUM SURFACE HOLE

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

Logged by: DSJ JGS

Date(s) Logged: 21 AUG 81

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

Size	CORE From	To	Collar Cased and Capped: _____
<u>TRI</u>	<u>0</u>	<u>49.4</u>	
<u>BQ</u>	<u>49.4</u>	<u>137.2</u>	

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

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

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

1979 H2W  
Drkohob Survey

DDH FAGA096  
2 8

Diamond Drill Core Log Date: 21 Aug 81 Logged By: DJG JGS

Code	Drillhole	Elevation				Northing				Easting				Units (feet/metres)	R.F.E.
		2	8	10	16	17	24	25	32	34	39	41	42		
T	FAGA096	11293.0				9949.55				59243.25				METRES	52

Code	Drillhole	Depth				Zenith Angle	True Azimuth	Comments	
		2	8	10	14	22	26		28
R	FAGA096	00				180.0	10.0	AT COLLAR	
R	FAGA096	58				176.0	36.5	CALCULATED FROM	
R	FAGA096	1129				173.5	103.0	FAGA70 AND FAGA100	

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









Code	From		To		Feature	S <sub>0</sub> Dip Direct.	S <sub>1</sub> Dip Direct.		S <sub>2</sub> Dip Direct.		Description			
	10	14	16	20			22	24	26	28		32	34	38
F	540		567		PF?	2								
F	626		628		G									
F	626		691		P	6								
F	691		711		G3P	2								
F	711		725		GP	3								
F	746		795		P	3								
F	785		795		B									
F	829		831		G									
	<del>848</del>		<del>848</del>		<del>G</del>									
F	946		954		G									
F	96		107		PC?									Sand - no cone
F	1027		1055		P	3								
F	1097		1109		XD	5								
F	1127		1178		G				999.99					
F	1215		1250		BG									
F	1250		1260		G									
F	1269		1342		G3F									
F	1342		1349		XD?									
F	1349		1354		D?									
F	1354		1357		GC?									PY sand
F	1357		1369		DX?									
F	1369		1415		GP	1								

# DIAMOND DRILL RECORD

LOGGED BY M. de Quadros

PROPERTY VANGORDA, GRUM JOINT VENTURE

D.D.H. No. 75-A96 PAGE 1 of 4

LATITUDE 35 252.07N <sup>HIW 10744.2</sup> <sup>OLD 6N</sup> BEARING OF HOLE 106° 105' <sup>Sum 101 11'</sup> STARTED

DEPARTURE 25 387.93E <sup>7737.6</sup> 70W DIP OF HOLE 90° COMPLETED

ELEVATION 4276.86' 13036 4234.86' DIP TESTS No Tests <sup>-8.5' -8.6'</sup> DEPTH Ultimate: 151.5m



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

DIRECTION AND DISTANCE FROM

NE. CLAIM POST

metres

metres

*DISTANCE*		DESCRIPTION	Rec. Ft.	Sample No.	*Footage*		Sample Length	Assay					Assay x Feet				
FROM	TO				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag		
0	49.4	OVERBURDEN -- sandy, clay with granite boulders; also cored through 8cm of high grade massive sulphide. BW 0-49.4.															
49.4	69.8	QUARTZ - SERICITE - SULPHIDE PHYLLITE Pale to medium gray Broken, brittle silicified with minor graphitic layers. Details below: 49.4-53.1 -- quartz-sericite sulphide phyllite. F2 45°. 8-9% pyrite, 4-6% lead-zinc -56.7 -- as above. Slightly bleached. F2 45°. 3-5% pyrite 8-10% lead-zinc. -57.7 -- as above, but bleached. F2 45°, locally up to 30°. 57.5-57.7 -- graphitic gouge. 15% pyrite, 4-6% lead-zinc -58.5 -- as above. 12-15% pyrite, 3% lead-zinc -59.7 -- gouge -- quartz-fuschite rock; barren -62.2 -- as above, but thin streaks of graphite. F2 45°. 16-18% pyrite, 10% lead-zinc -63.4 -- as above but graphitic. F2 ranges from 0-45°. 20% pyrite, 6-8% lead-zinc -66.1 -- as above, but broken. F2 50-60°. 20% pyrite, 4-6% lead-zinc -69.8 -- brecciated, broken mixed rock with massive sulphide zones and black graphitic gougy zones. 20% pyrite, 4-5% (?) lead-zinc.															
			1.8	2553	49.4	53.1	3.7	1.03	2.10	.53				3.811	7.77	1.961	plot
			1.7	2554		56.7	3.6	2.50	3.66	.94				9.00	13.176	3.384	
			0.7	2555		57.7	1.0	3.68	6.00	1.59				3.68	6.00	1.59	
			0.7	2556		58.5	0.8	1.83	5.88	.74				1.464	4.704	0.592	
			0.4/1.2	wt. Av. 53.1		59.7											
			2.3	2557		62.2	2.5	2.78	5.88	1.32	(35.3% F2)			14.144	23.880	5.544	plot
			1.2	wt. Av. 53.1		62.2	9.1	2.32	4.24	0.97				6.95	14.70	3.30	plot
			1.2	2558		63.4	1.2	3.45	6.93	1.65				21.094	38.580	8.846	plot
			2.6	2559		66.1	2.7	2.43	5.64	1.03				4.14	8.316	1.98	
			1.1	2560		68.3	2.2	3.15	10.52	1.59				6.861	15.228	2.781	
			0.9	2561		69.8	1.5	1.68	8.30	.97				6.930	23.144	3.498	
						66.1	3.9	2.74	6.04	1.22	(41.2)			10.701	28.544	4.761	plot
						69.8	3.7	2.55	4.22	1.24	(45.9)			2.450	35.524	4.950	plot

*Calc. de Quadros*

*USE Av. of 170 & 152*



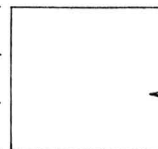



# DIAMOND DRILL RECORD

LOGGED BY M. de Quadros

D.D.H. No. 75-A96 PAGE 3 of 4

PROPERTY \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ BEARING OF HOLE \_\_\_\_\_ STARTED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ DIP OF HOLE \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ DIP TESTS \_\_\_\_\_ DEPTH <sup>Proposed:</sup> \_\_\_\_\_  
 \_\_\_\_\_ <sup>Ultimate:</sup> \_\_\_\_\_



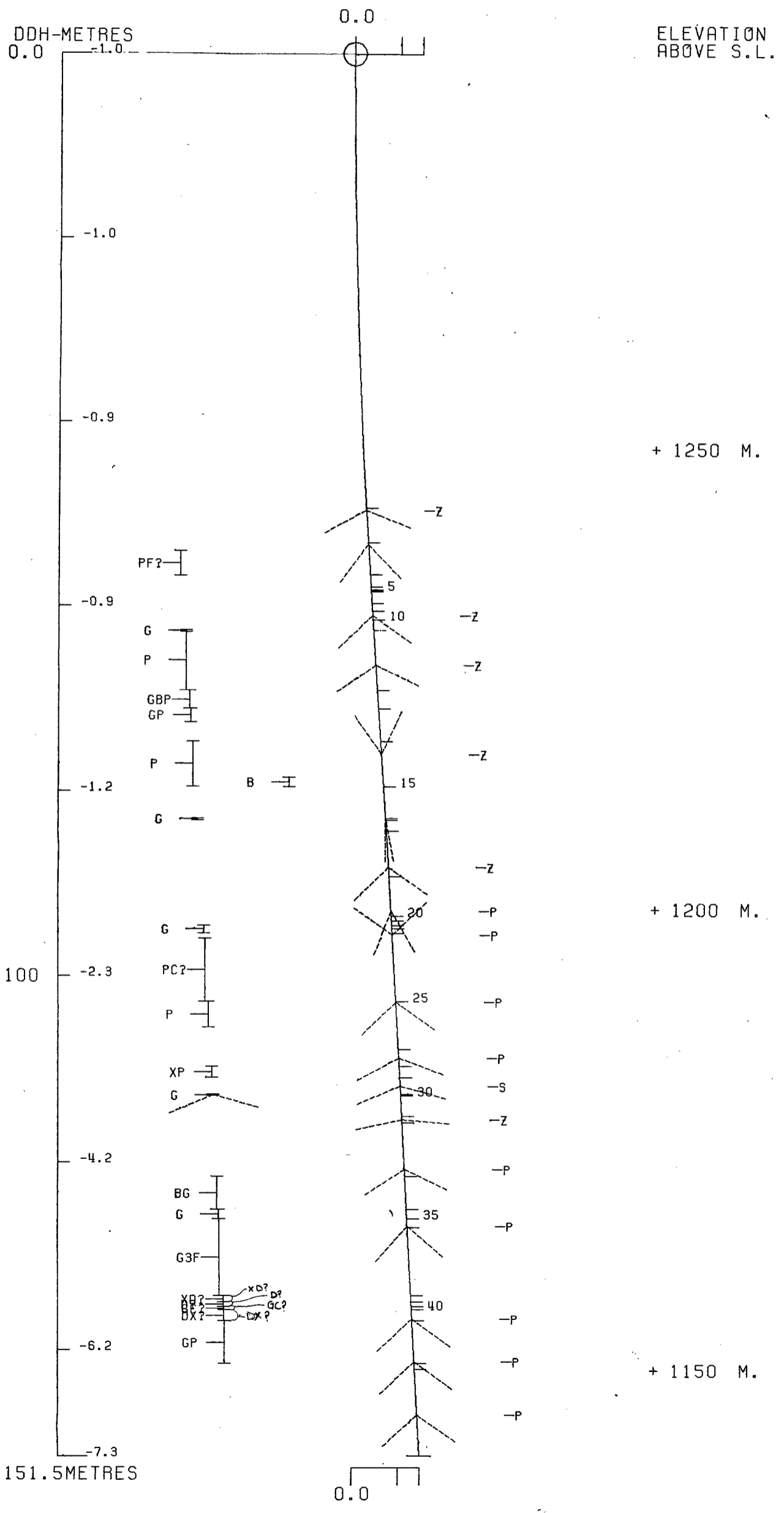
CLAIM No. \_\_\_\_\_  
  
 ← DIRECTION AND DISTANCE FROM  
 NE. CLAIM POST

FOOTAGE		DESCRIPTION	Rec. Ft.	Sample No.	Footage		Sample Length	Assay					Assay x Feet				
FROM	TO				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag		
105.8	119.5	QUARTZ - SERICITE PHYLLITE Bleached gray Broken, incompetent, poorly foliated. Bleached, talcy parting surfaces. Minor pyrrhotite and pyrite in blebs. F2 70-80°. 112.7-114.4 -- broken, gougy	2.8/ 4.1		105.8	109.9											
			9.2/ 9.6			119.5											
119.5	134.4	FAULT ZONE Very broken, with large gouge zones 119.5-122.2 -- quartz-sericite phyllite, very broken, minor gouge -127.7 -- gouge, medium gray with phyllite fragments -134.4 -- gouge, soft, wet, mushy with few rock fragments	2.5/ 2.7		119.5	122.2											
			2.8/ 5.5			127.7											
			4.9/ 6.7			134.4											
134.4	151.5	MASSIVE SULPHIDE AND QUARTZ SULPHIDE 134.4-135.3 -- sulphide/phyllite breccia. 40% pyrite, 14% lead-zinc -136.9 -- massive sulphide. 135.5-135.7 clay-like cleavage 60% pyrite, 10-12% lead-zinc -139.3 -- massive sulphide, soft, powdery; 60% pyrite, 10-12% (?) lead-zinc -142.3 -- massive sulphide, soft, powdery; 60% pyrite 12% (?) lead-zinc -143.3 -- quartz sulphide, broken, 30% pyrite, 8-10% (?) lead-zinc -145.1 -- quartz sulphide, broken, 30% pyrite, 8% (?) lead-zinc -146.3 -- quartz sulphide, broken, 30% pyrite, 10% (?) lead-zinc -148.4 -- quartz sulphide, broken, 30% pyrite, 12% lead-zinc	0.9	2565	134.4	135.3	0.9	6.67	11.39	3.27	✓		6.003	10.251	2.943		
			1.0	2566		136.9	1.6	9.61	13.15	3.24	✓		15.316	21.040	5.184		
			0.6	2567		139.3	2.4	10.27	16.58	4.44	✓		24.648	39.792	10.656		
			0.7?	2568		142.3	3.0	8.97	17.28	4.12	✓		26.916	51.840	12.360		
			0.5?	2569		143.3	1.0	7.88	18.33	3.38	✓		7.880	18.230	3.380		
			1.2?	2570		145.1	1.8	9.87	23.51	4.04	✓		17.766	42.318	7.272		
			1.0?	2571		146.3	1.2	7.20	20.30	3.68	✓		8.64	24.26	4.416		
			1.9	2572		148.4	2.1	6.00	14.13	2.88	✓		12.60	29.673	6.048		



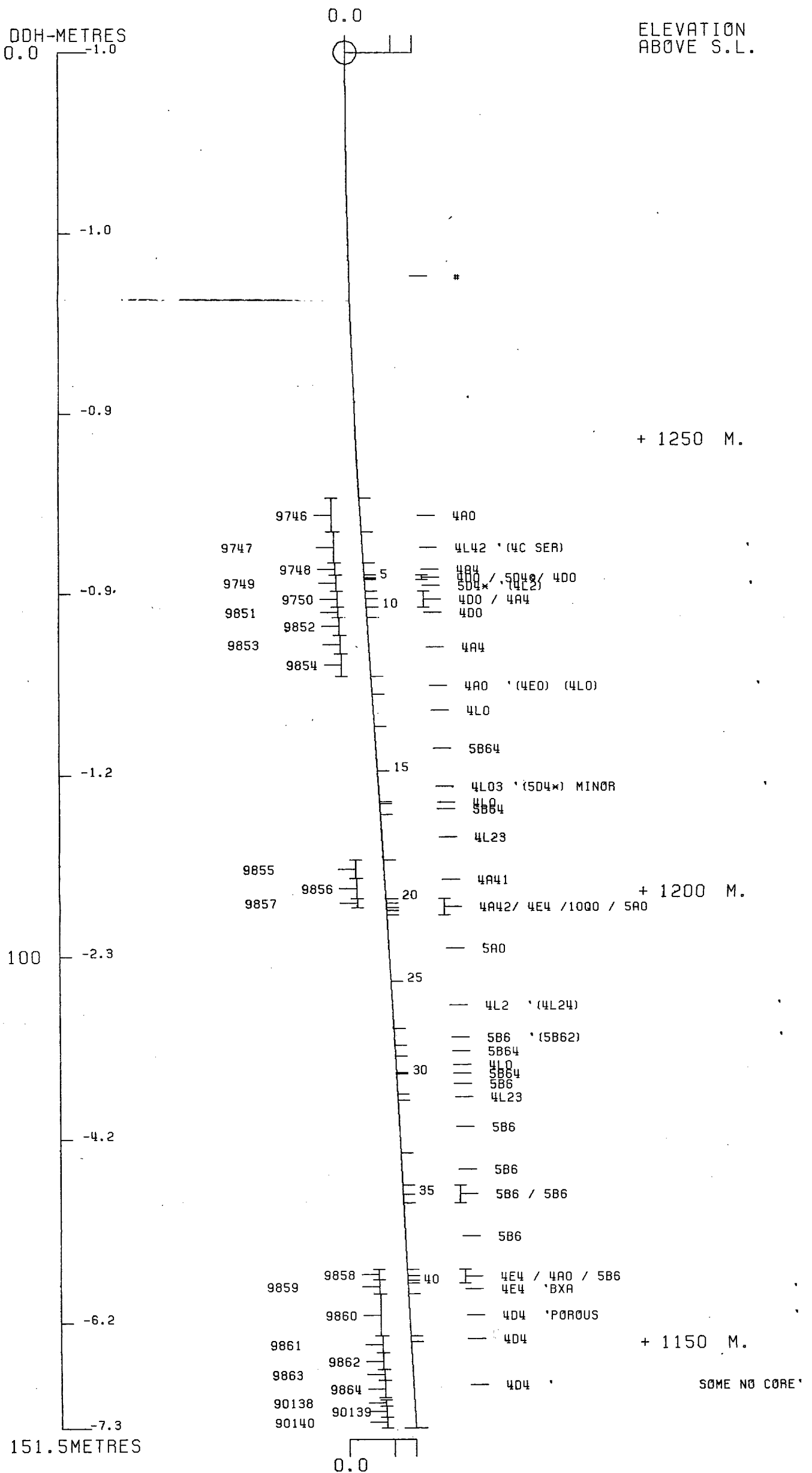
# DDH: FAGA096 -- 42 DEGREE PROFILE ( VIEW AZIMUTH = 312 DEGREES )

ELEV:1293      592433E ; 904955N  
 PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0  
 CORRECTED COLLAR POSITION: X = 557.3    Z = 1292.8  
 SECTION NAME: 70W



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 PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0  
 CORRECTED COLLAR POSITION: X = 557.3    Z = 1292.8  
 SECTION NAME: 70W



FAGA100

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DRILL HOLE : FAGA100  
NORTHING : 905,000.0  
EASTING : 592,473.4  
ELEVATION : 1,298.6  
TOTAL DEPTH : 250.5  
SECTION : W 70  
R.F.E. : S2  
RFE DIRECTION: 230  
PLUNGE ANGLE : 11  
PLUNGE DIRECT: 312  
DHD CALC: 1  
SS CALC: 1

## DETAIL RECORD COUNTS:

NOS CRE-SAMPLES: 21  
NOS DOWN-H-SURVEYS: 5  
NOS DOWN-H-LITHOLOGY: 69  
NOS DOWN-H-STRUCTURE: 49  
NOS DOWN-H-FAULTS: 22  
NOS DOWN-H-SPLINES: 5  
NOS COMPOSITES: 0

DDH: FAGA100 UTM-N: 905,000.0 UTM-E: 592,473.4 UTM-ELEV: 1,298.6 TOTAL DEPTH: 250.5 SECTION: W 70  
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

---DEPTHS---		SAMPLE NO.	INT.	REC.	ROCK UNIT	S.G. PULP	CU %	PB %	ZN %	AG(CAA) G/MT	AG(FA) G/MT	ASSAYS			BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
FROM	TO											PO %	PY %	TCT FE						
65.4	66.2	11453	.8	.8	4G4#	4.50	.06	10.30	11.30	190.00		.96	1	19	21					
67.4	68.7	11454	1.3	1.3	4G4#	4.35	.03	10.50	12.60	183.00		1.03	1	19	21					
68.7	70.1	11455	1.4	.9	4K4	3.65	.02	3.50	5.40	52.00		.41	1	14	16					
71.1	72.1	11456	1.0	1.0	4G4#	4.45	.03	12.90	13.50	195.00		.69	1	20	21					
72.1	72.5	11457	.4	.4	4K4#	3.62	.06	4.20	6.60	86.00		.69	1	13	15					
72.5	73.5	11458	1.0	.9	4G4#	4.31	.12	11.10	11.50	184.00		1.71	1	18	20					
81.3	82.7	11459	1.4	.7	4G4#	4.37	.05	5.90	8.70	99.00		.69	2	15	18					
88.8	89.6	11460	.8	.5	40G#	4.13	.06	9.00	8.30	131.00		.27	1	12	14					
90.9	91.4	11461	.5	.5	4G4#	4.21	.07	7.00	9.10	114.00		.69	4	9	13					
91.4	92.1	11462	.7	.7	4E4*	4.69	.08	9.40	8.40	132.00	129.00	1.65	1	24	26					
92.1	93.5	11463	1.4	1.3	4D0	3.96	.15	3.10	3.60	50.00		1.17	2	17	19					
93.5	94.1	11464	.6	.6	4L14	3.04	.05	.45	.73	9.00		.21	2	3	6					
174.7	176.5	11465	1.8	1.0	4G4#	4.19	.03	6.40	10.80	103.00		.27	1	19	20					
176.5	178.3	11466	1.8	1.8	4G4#	4.70	.11	7.00	10.70	119.00		.62		13	14					
178.3	180.0	11467	1.7	1.4	4E41	4.86	.08	2.80	4.40	53.00		1.03	1	35	36					
180.0	181.7	11468	1.7	1.4	4E41	4.81	.09	3.90	5.90	66.00		1.03	1	34	36					
181.7	184.1	11469	2.4	1.2	4A4	3.35	.06	3.40	6.10	54.00		.96	1	11	12					
184.1	185.0	11470	.9	.5	4A4	3.09	.04	2.50	4.00	45.00		.55	1	4	6					
185.0	185.4	11471	.4	.4	4A4	3.23	.03	4.70	7.40	76.00		.48	2	3	5					
185.4	187.2	11472	1.8	1.6	4A0	3.00	.02	.37	.69	7.00	8.00	.27	2	2	4					
187.2	189.0	11473	1.8	1.7	4A0	3.04	.03	.36	.31	7.00		.07	3	3	6					

WEIGHTED AVERAGE

65.4	66.2		.8	.8		4.50	.06	10.30	11.30	190.00		.96	1	19	21					
67.4	70.1		2.7	2.2		3.98	.02	6.87	8.86	115.07		.70	1	17	18					
71.1	73.5		2.4	2.3		4.25	.07	10.70	11.51	172.25		1.11	1	18	20					
81.3	82.7		1.4	.7		4.37	.05	5.90	8.70	99.00		.69	2	15	18					
88.8	89.6		.8	.5		4.13	.06	9.00	8.30	131.00		.27	1	12	14					
90.9	94.1		3.2	3.1		3.98	.10	4.59	4.97	70.25	28.21	1.02	2	14	17					
174.7	189.0		14.3	11.0		3.87	.05	3.43	5.53	57.87	1.00	.60	1	15	17					

30MAR84 GRUP

DOWN-HOLE SURVEYS (DFORD)

PAGE: 42

DDH: FAGA100 UTM-N: 905,000.0 UTM-E: 592,473.4 UTM-ELEV: 1,298.6 TOTAL DEPTH: 250.5 SECTION: W 70  
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
67.100	176.000	310.000
121.900	173.000	62.000
182.900	163.000	82.000
225.600	161.000	78.000

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DEPTH	UNIT	CODE	DESC	RECOVERY	IND
52.5	OC01	#		0.5-	1
53.8	OC02	4L5	(580)	0.5-	1
64.0	OC03	5A6	(10Q0) (5D4)	0.5-	1
64.8	OC04	5C40		0.5-	1
65.4	OC05	5A6	(4L0) MINOR	0.5-	1
66.2	OC06	4G4#	[-> 4K]	0.5-	1
67.4	OC07	4L0	(58624)	0.5-	1
68.7	OC08	4G4#		0.5-	1
70.1	OC09	4K4	(4L5) BXA [4K -> 4G]	0.5-	1
71.1	OC10	5AC	(5840)	0.5-	1
72.1	OC11	4G4#		0.5-	1
72.5	OC12	4K4	#	0.5-	1
73.5	OC13	4G4#		0.5-	1
77.7	OC14	5AC		0.5-	1
81.3	OC15	5B6	81 89	0.5-	1
82.7	OC16	4G4#	8 (4G4#)	0.5-	1
84.6	OC17	5B3		0.5-	1
86.3	OC18	5A13		0.5-	1
87.0	OC19	5880		0.5-	1
88.3	OC20	5B6		0.5-	1
88.8	OC21	5B4		0.5-	1
89.6	OC22	4D46	7# (4G4)	0.5-	1
90.9	OC23	5A6	81 (5B4)	0.5-	1
91.4	OC24	4G4#	81	0.5-	1
92.1	OC25	4E4*	81 88	0.5-	1
93.5	OC26	4DC	(4D8)	0.5-	1
94.1	OC27	4L14		0.5-	1
94.8	OC28	5B40		0.5-	1
96.5	OC29	5B6	(10Q0) (5868)	0.5-	1
112.4	OC30	5B62	(10Q0) (586)	0.5-	1
117.0	OC31	5B6		0.5-	1
117.7	OC32	5B6		0.5-	1
131.3	OC33	5B6	(10Q0) (3B3 BIO)	0.5-	1
132.6	OC34	5B4		0.5-	1
137.9	OC35	5B6	(10Q0) (5868)	0.5-	1
139.9	OC36	4L6	87 (3B3 BIO)	0.5-	1
154.1	OC37	4L67	(10Q0)	0.5-	1
156.9	OC38	5B6	88	0.5-	1
158.7	OC39	5B4		0.5-	1
169.1	OC40	4LC	87	0.5-	1
170.4	OC41	5B6		0.5-	1
171.8	OC42	5B4		0.5-	1
174.7	OC43	4LC		0.5-	1
178.3	OC44	4G4#		0.5-	1
181.7	OC45	4E41	8# (4D4)	0.5-	1
184.1	OC46	4A4	GRAPH	0.5-	1
185.0	OC47	4A4	GRAPH [LOGGED AS 4AC]	0.5-	1
185.4	OC48	4A4	-> 4D4 LOCALLY	0.5-	1
189.0	OC49	4AC	BIOTITE - PHYLLITIC	0.5-	1
189.6	OC50	4L1		0.5-	1
192.2	OC51	4AC	BIO (10Q0)	0.5-	1

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 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
194.1	0052	4A1	BIO	0.5-	1
196.7	0053	4A0	(4L1)	0.5-	1
197.2	0054	4L13	S [4C06]	0.5-	1
197.6	0055	4A1		0.5-	1
202.4	0056	4L17	-> 4C SERICITIC	0.5-	1
207.6	0057	5B6	BIO GARNET	0.5-	1
210.5	0058	4LC	BIO	0.5-	1
211.8	0059	5B6	BIO (5B6 88) [(3B3 BIO?)]	0.5-	1
213.7	0060	4LC	88 BIO GARNET	0.5-	1
215.0	0061	5B6	GARNET BIO	0.5-	1
216.7	0062	4LC	BIO	0.5-	1
217.8	0063	4L12	BIO	0.5-	1
220.0	0064	5B6	(4L0) BIO	0.5-	1
223.3	0065	5B68	BIO	0.5-	1
228.3	0066	5B6	88	0.5-	1
235.4	0067	5B4	88	0.5-	1
237.4	0068	5B6	88	0.5-	1
250.5	0069	4LC	88 BIO	0.5-	1

DDH: FAGA100 UTM-N: 905,000.0 UTM-E: 592,473.4 UTM-ELEV: 1,293.6 TOTAL DEPTH: 250.5 SECTION: W 70  
 RFE: S2 RFE DIF: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 S5 CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	SC	ANGLE DIRECT	S1 ANGLE DIRECT	S2 ANGLE DIRECT	RFE	COE	DHDC	SDC	PROCESS
FAGA100	0.C	61.6	CS2	S		0	0	50	230	C	1	1	1
FAGA100	0.C	63.6	CS2	S		0	0	50	230	C	1	1	1
FAGA100	0.C	65.8	PS2	P		0	0	50	230	C	1	1	1
FAGA100	0.0	70.5	CS2	M		0	0	75	230	C	1	1	1
FAGA100	0.C	73.0	PS2	P		0	0	50	230	C	1	1	1
FAGA100	0.C	74.5	CS2	D		0	0	80	230	C	1	1	1
FAGA100	0.C	78.6	CS2	Z		0	0	65	230	C	1	1	1
FAGA100	0.0	79.9	CS2	S		0	25	60	230	C	1	1	1
FAGA100	0.C	83.9	CS2	S		0	0	65	230	C	1	1	1
FAGA100	0.C	85.9	CS2	Z		0	0	60	230	C	1	1	1
FAGA100	86.C	88.8	PS2	P		0	0	60	230	C	1	1	1
FAGA100	0.0	90.1	PS2	P		0	0	30	230	C	1	1	1
FAGA100	0.C	93.7	PS2	P		0	0	70	230	C	1	1	1
FAGA100	0.C	95.4	CS2	D		0	0	60	230	C	1	1	1
FAGA100	0.0	99.6	CS2	S		0	0	60	230	C	1	1	1
FAGA100	0.C	101.5	CS2	Z		0	0	65	230	C	1	1	1
FAGA100	0.C	106.7	CS2	Z		0	0	65	230	C	1	1	1
FAGA100	0.C	110.9	CS2	E		0	0	70	230	C	1	1	1
FAGA100	0.C	122.0	CS2	M		0	0	75	230	C	1	1	1
FAGA100	0.C	128.0	CS2	M		0	0	70	230	C	1	1	1
FAGA100	0.C	132.9	CS2	Z		0	0	70	230	C	1	1	1
FAGA100	0.C	136.7	CS2	E		0	0	60	230	C	1	1	1
FAGA100	0.0	142.6	CS2	Z		0	0	60	230	C	1	1	1
FAGA100	0.C	145.0	CS2	E		0	0	60	230	C	1	1	1
FAGA100	0.C	146.3	PS2	P		0	0	60	230	C	1	1	1
FAGA100	0.0	152.1	CS2	S		0	0	70	230	C	1	1	1
FAGA100	0.C	159.2	CS2	E		0	0	70	230	C	1	1	1
FAGA100	159.2	161.0	CS2	M		0	0	60	230	C	1	1	1
FAGA100	0.0	165.4	CS2	E		0	0	60	230	C	1	1	1
FAGA100	0.0	168.2	CS2	Z		0	0	55	230	C	1	1	1
FAGA100	0.C	171.1	CS2	Z		0	0	70	230	C	1	1	1
FAGA100	0.0	176.3	PS2	P		0	0	70	230	C	1	1	1
FAGA100	0.C	179.9	PS2	P		0	0	50	230	C	1	1	1
FAGA100	0.0	185.8	CS2	S		0	0	70	230	C	1	1	1
FAGA100	0.0	187.1	CS2	E		0	0	70	230	C	1	1	1
FAGA100	0.0	190.3	CS2	Z		0	0	70	230	C	1	1	1
FAGA100	0.C	196.4	CS2			0	0	90	230	C	1	1	1
FAGA100	0.C	200.8	PS2	P		0	0	70	230	C	1	1	1
FAGA100	0.C	205.0	CS2	Z		0	0	70	230	C	1	1	1
FAGA100	0.C	208.8	CS2	S		0	0	70	230	C	1	1	1
FAGA100	0.C	214.1	CS2	E		0	0	60	230	C	1	1	1
FAGA100	216.4	218.5	CS2	M		0	0	60	230	C	1	1	1
FAGA100	0.0	221.4	CS2	E		0	0	60	230	C	1	1	1
FAGA100	0.0	224.2	CS2			0	0	90	230	C	1	1	1
FAGA100	0.C	231.6	CS2			0	0	90	230	C	1	1	1
FAGA100	0.0	233.4	PS2	P		0	0	65	230	C	1	1	1
FAGA100	0.0	239.0	PS2	P		0	0	90	230	C	1	1	1
FAGA100	0.C	241.7	PS2	P		0	0	70	230	C	1	1	1
FAGA100	0.C	249.3	PS2	P		0	0	90	230	C	1	1	1

DDH: FAGA100 UTM-N: 905,000.0 UTM-E: 592,473.4 UTM-ELEV: 1,298.6 TOTAL DEPTH: 250.5 SECTION: W 70  
 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	
FAGA100	52.4	55.8	G				0	0	0	0	1
FAGA100	0.0	67.4	1G				0	0	0	0	1
FAGA100	68.7	70.1	XD?				0	0	0	0	1
FAGA100	0.0	71.1	1G				0	0	0	0	1
FAGA100	72.1	72.5	D?				0	0	0	0	1
FAGA100	75.9	76.0	G				0	0	0	0	1
FAGA100	117.0	117.7	G				0	0	99	999	1
FAGA100	0.0	131.9	1G				0	0	0	0	1
FAGA100	161.5	162.5	G				0	0	0	0	1
FAGA100	172.0	172.1	G				0	0	0	0	1
FAGA100	181.7	184.1	3B				0	0	0	0	1
FAGA100	0.0	185.2	1G				0	0	0	0	1
FAGA100	198.7	198.9	X				0	0	0	0	1
FAGA100	200.0	200.3	G				0	0	0	0	1
FAGA100	0.0	222.8	1G				0	0	0	0	1
FAGA100	0.0	228.9	1G				0	0	99	999	1
FAGA100	0.0	237.4	G				0	0	99	999	1
FAGA100	0.0	238.0	1G				0	0	99	999	1
FAGA100	239.4	239.6	G				0	0	99	999	1
FAGA100	239.9	240.2	G				0	0	99	999	1
FAGA100	0.0	242.9	1G				0	0	99	999	1
FAGA100	246.3	248.1	GP	3			0	0	99	999	1

DDH: FAGA100 UTM-N: 905,000.0 UTM-E: 592,473.4 UTM-ELEV: 1,298.6 TOTAL DEPTH: 250.5 SECTION: W 70  
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DDH SEGMENT NOS COND INDICATOR

FAGA100	1	2
FAGA100	2	2
FAGA100	3	2
FAGA100	4	2
FAGA100	5	1

\*\*THIS REPORT WAS REQUESTED BY: LEEP .GEOLOGY AT: 09:13:53

DIAMOND DRILL CORE LOG

Date: Aug 31/81

Hole Number: FAGA 100 (75-A100)

Reference Fabric Orientation Diagram:

Project: GRUM RENOG

Location: VANGORDA PLATEAU

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

Terr. Plane Co-ords.: 695000.0 N

592473.4 E

Grid Co-ords: 70W

8N

Elevation: 1298.6 m

Total Depth: 250.5 m

Purpose: Define ore horizons

Reason hole Terminated: reached proposed depth.

Logged by: PST

Date(s) Logged: Aug 31 - Sept 2 / 81

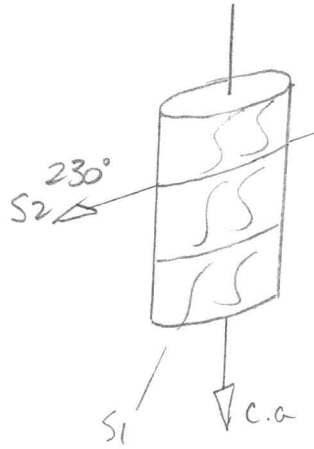
Drilling Contractor: \_\_\_\_\_

	Size	CORE From	To	Collar Cased and Capped: _____
BW casing		0	61m	
BQ		61m	250.5m	

Hole Cemented: cemented from bottom

Steel down hole: no.

Started: July 31/81 Completed: Aug 8/81



All symmetry determinations looking

NW with S2 dipping

SW with dip azimuth 230°

*UTM  
1979 HEW  
Dr. Kogobas Survey*

DDH F.A.G.A. 100  
2 8

Diamond Drill Core Log

Date: Sept 12/81

Logged By: [Signature]

Code	Drillhole	Elevation	Northing	Easting	Units (feet/metres)	R.F.E.
I	2	8	10	16	17	24 25
	32	34	39	41	42	
T	F.A.G.A.100	1,298.	69,050.0	9,050.0	59,247.3	4 metres

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments					
I	2	8	10	14	22	26	28	32	34	56
R	F.A.G.A.100		180.0	10.0	A.T. COLLAR					
R	F.A.G.A.100	6.7	176.0	310.0	SPERRY SWV					
R	F.A.G.A.100	12.19	173.0	62.0						
R	F.A.G.A.100	18.29	163.0	82.0						
R	F.A.G.A.100	22.56	161.0	78.0						

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

Lithologic Log

Date: Sept 1/81 Logged By: PRT

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	00	525		1	X	Overburden
L	525	538		2	4L5	(5B0) weakly calc. Gange 95g sub//52?
L	538	640		3	5A6	(0Q0, 5D4) Gange & broken core to 61.0m 0Q0 @ 61.1m for 0.2m; 5D4 as 3-3cm bands between 61.7-61.9. Good black 5A.
L	640	648		4	5C4*	ank. frags.
L	648	654		5	5A6	(4h0) minor 4L over 0.1m @ top of unit.
L	654	662		6	4G4*	weakly calc with matrix of CO <sub>2</sub> (a) clots to 5cm some in middle to low. Has 4K affinities.
L	662	674		7	4L9	(5B624) weakly to strongly altered. 3cm gange lower cut.
L	674	687		8	4G4*	weakly to strongly calc
L	687	701		9	4K4	(4L5) BX 4L @ top 0.1m & 69.1m (0.1m) lower 0.2m 60% CO <sub>2</sub> BX CO <sub>2</sub> looks introduced ore has 4G affinities in appearance
L	701	711		10	5A0	(5B4) weakly calcareous lower cut ganged
L	711	721		11	4G4*	weakly to strongly calcareous. minor calc in fractures
L	721	725		12	4K4	Calc. clasts.
L	725	735		13	4G4*	weakly to strongly calc. calc also in fractures
L	735	777		14	5A0	weakly calc. 75.8-79.0 gange,
L	777	813		15	5B6	±1±9. minor py in places. becomes siliceous over narrow intervals. veined lower cut.
L	813	827		16	4G4*	8 (4G4*) weakly calc.; minor calc clots; mgte 2% Sharp lower cut. So 30°/130°; 52 70°/230°
L	827	846		17	5B3	
L	846	863		18	5A13	narrow sil. lams. //52
L	863	870			5B8	weakly calc. nb. minor 18 po
L	870	883		19	5B6	
L	883	888		20	5B4	weakly altered.
L	888	896		21	4D4,6	7x(4D) weird. much more siliceous over 2nd 1/2 strongly calc at strat. George's 4K1
L	896	909		22	5A6	±1 (5B4) nb 27 po
L	909	914		23	4G4*	±1 strongly → weakly calc.
L	914	921		24	4E4*	±1±8 minor mg in a few places / some SiO <sub>2</sub>
L	921	935		25	4D0	(4D8) 4D8 over top 0.5m. 30% py. 7% 4B2
L	935	941		26	4L14	m. spha
L	941	948		27	5B4,3	weakly calc alt. 5B.

NB

High SiO<sub>2</sub> bands

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	9.48	9.65		28	5B6	(0Q0, 5B68) qtz veins thru out length 15% of unit 3cm wide 5B68 developed around veins. //S2
L	9.65	11.24		29	5B6	(0Q0, 5B6) transitional unit carbonaceous lams w/ graphite. 0Q0 as unit 28 thru out avg 3cm //S2
L	11.24	11.70		30	5B6	minor qtz veins 3. @ 2cm each //S2
L	11.70	11.77		31	5B6	Gauge 90%
L	11.77	13.13		32	5B6	(0Q0, 3D6) 3D6 @ 123.7-124.0 strongly calc biotite developed - prob. meta SD3 .3 0.1 qtz veins //S2 at start middle and 128.7.
L	13.13	13.26		32	5B4	2cm gauge //S @ 131.9.
L	13.26	13.79		33	5B6	(0Q0, 5B68) chloritic around qtz veins largest 134.8 - 135.3. rest 2-3cm. - 15% of unit.
L	13.79	13.99		34	4L6	+7 (3D6) narrow 2-4 cm bands calc. qtz biot. phyll. 3D6 developed in middle of unit over 0.6m
L	13.99	15.41		35	4L6	(0Q0) qtz veins sub //S2 10% of unit avg 3-4cm from start to 151. 0 after this
L	15.41	15.69		36	5B6	+8 narrow 1-2cm chloritic lams in places .20% of unit
L	15.69	15.87		37	5B4	
L	15.87	16.91		38	4L0	+7 minor blebs 2-3% po.; Gauge 161.1-162.5 (Rec. 0.5m) -> 50% gauge 1st pair broken - orientate?
L	16.91	17.04		39	5B6	
L	17.04	17.18		40	5B4	weakly altered
L	17.18	17.47		41	4L0	Gauge @ 172-172.1 m 2% py.
L	17.47	17.83		42	4A4*	strongly calc.
L	17.83	18.17		43	4E4	+* calc (4D4) 4D4 @ 180.6-180.8 black schist.
L	18.17	18.41		44	4A4	graph highly broken slices //ca. @ 183.8
L	18.41	18.50		45	4A0	graph
L	18.50	18.54		46	4A4	almost 4D4 in 1 - few pieces. 2cm gauge in middle
L	18.54	18.90		47	4A0	biotitic - after phyllite 5% py
L	18.90	18.96		48	4L1	
L	18.96	19.22		49	4A0	biotitic - after phyllite (0Q0) qtz vein 190.5-190.8 chloritic laminae developed in places broken core at 192 no 192-193.2 (0.5m Rec.)
L	19.29	19.41		50	4A1	biotitic lams. 5% py fracture //ca @ 193.1
L	19.41	19.67		51	4A0	(4L1) 4L1 over 0.3m at start of section 4A biotitic to graphitic poor sulphid

"3D6" recorded as 3B3 BIO.

Lithologic Log

Date: Sp 12/81

Logged By: PST

Code	From				To				Recov.	No.	Unit	Description
	10	14	16	20	22	24	26	28				
L	19.67		19.72						52	4L.13	5	[4C*] ser. 4L approaching 4C omk. av slab & sand.
L	19.72		19.78						53	4A.13		Thin graphic partings in siliceous 4A 10% py 8
L	19.78		20.24						54	4L.17		Almost 4C in appearance except high Sericite content. 3% py on Sz. Bx 198.7-198.9; Gauge 200-200.3
L	20.24		20.76						55	5B.6		quartz, garnet, biotite, sericite phyllite.
L	20.76		21.05						56	4L.9		Quartz, biotite, sericite phyllite. Transitional to next unit over 1m.
L	21.05		21.18						57	5B.6		(5B6) <sup>±8</sup> strongly calcareous bands in weak calc Qtz biotite sericite phyllite ± chlorite phyllite. transitional to next unit.
L	21.18		21.37						58	4L.9		<sup>±8</sup> Qtz, biotite, garnet, sericite phyllite. ± chlorite
L	21.37		21.50						59	5B.6		Qtz, sericite, garnet, biotite phyllite.
L	21.50		21.67						60	4L.9		Qtz, sericite ± biotite phyllite.
L	21.67		21.78						61	4L.1		Qtz Sericite phyllite ± biotite 5% py
L	21.78		22.00						62	5B.6		(4L.9) interbanded sericitic or biotitic rich bands mixer sponge < 1% PbZn 5-10% py.
L	22.00		22.33						63	5B.6.8		Chloritic, biotite Qtz phyllite 3mgauge @ 222.8
L	22.33		22.83						64	5B.6		<sup>±8</sup> Typical 5B6 only weak metamorphism to biotite in 2-3 narrow bands broken core over lower 1/2.
L	22.83		23.54						65	5B.4		<sup>±8</sup> ± minor weakly altered; chlorite bands thru out. notable by lack of biotite or garnet. narrow 0.2m gauge @ 228.9 #52
L	23.54		23.74						66	5B.6		<sup>±8</sup> no biotite garnet!! similar to unit 64 0.2mgauge @ lower end.
L	23.74		25.05						67	4L.9		<sup>±8</sup> Biotite developed in places 5% py overall. Gauge 238m (0.1m), 239.4-239.6, 239.9-240.2 242.9 (0.1m), 246.3-248.1 (80% gauge 0.6m Rec) FOH @ 250.5m

Code	From		To		Feature	SYM	S <sub>0</sub>		S <sub>1</sub>		S <sub>2</sub>		Description
	10	14	16	20			Dip	Direct.	Dip	Direct.	Dip	Direct.	
\$	1524			558									90% GOUGE - WORK' INDICATIONS 11S <sub>2</sub>
S				616	CSZ	S	0.0	10.0			5.0	23.0	S <sub>0</sub> = FRACTURE
S				636	CSZ	S	0.0	10.0			5.0		S <sub>0</sub> = FRACTURE
S				658	INDR						5.0		S-BANDS
\$	1687			701									BRUCCIA - CT-FILL
S				705	CSZ	M					7.5		
S				730	INDR						5.0		S-BANDS
S				745	CSZ	D					8.0		
\$	1759			760									GOUGE // S <sub>2</sub>
S				786	CSZ	Z					6.5		
S				799	CSZ	S			2.5	10.0	6.0		
\$				827									See Lith notes @ 82.7m → SULPHIDE CONTACT
S				839	CSZ	S					6.5		
S				859	CSZ	Z					6.0		
S	860			888	PSZ	P					6.0		
S				901	PSZ	P					3.0		
S				937	PSZ	P					7.0		
S				954	IND	D					6.0		S <sub>2</sub> - AZIMUTH VARIES
S				996	CSZ	S					6.0		OVER THESE LAST FEW READINGS POST-D <sub>2</sub> FOLDS WARP S <sub>2</sub>
S				1015	CSZ	Z					6.5		
S				1067	CSZ	Z					6.5		
S				1109	CSZ	E					7.0		
\$	11170			11177									GOUGE // S <sub>2</sub>
S				1220	CSZ	M					7.5		
S				1280	CSZ	M					7.0		Z-BEGINS AT 128.0
S				1329	CSZ	Z					7.0		
S				1367	CSZ	E					6.0		
S				1426	CSZ	Z					6.0		
S				1450	CSZ	E					6.0		
S				1463	IND	P					6.0		
S				1521	CSZ	S					7.0		
S				1592	CSZ	E					7.0		
S	1592			1610	CSZ	M					6.0		
\$	1615			1625									GOUGE
S				1654	CSZ	E					6.0		

METRES

DDH FAGAL00  
2 8

Cyprus Anvil Mining Corp.

Structural Log

Date: 2 SEPT 81 Logged By: RST

METRES

Code	From		To		Feature	SYM	S <sub>0</sub>		S <sub>1</sub>		S <sub>2</sub>		Description
	10	14	16	20			Dip	Direct.	Dip	Direct.	Dip	Direct.	
S			1168	2	CSZ	Z					55		
S			1171	1	CSZ	Z					70		
S			1176	3	IND	R					70		
S			1179	9	IND	R					50		
\$			1183	8									SLICED SIDED BY 11 C.A.
S			1185	9	CSZ	S					70		
S			1187	1	CSZ	E					70		
S			1190	3	CSZ	Z					70		
S			1196	4	CSZ	H					90		
S			1200	8	IND	P					70		
S			1205	0	CSZ	Z					70		
S			1208	8	CSZ	S					70		
S			1214	1	CSZ	E					60		
S	12116	4	12118	5	CSZ	M					60		
S			1221	4	CSZ	E					60		
S			1224	2	CSZ	H					90		
S			1231	6	CSZ	H					90		
S			1233	4	IND	P					65		
\$	12134	7	1250	5									SEVERAL GOUGES 11S <sub>2</sub>
S			1239	0	IND	H					90		
S			1241	7	IND	P					70		
S			1249	3	IND	H					90		
													END OF HOLE @ 250.5

ASSAY LOG (SAMPLER'S COPY) Date Sept 2/81

CODE	FROM		TO		SAMPLE		INTR.		REC (m)		UNIT		DESCRIPTION
	10	14	16	20	22	26	28	30	32	34	36	40	
P		654		662	1,14,53			08		08		4G,4*	6
P		674		687	1,14,54			13		13		4G,4*	8
P		687		701	1,14,55			14		09		4K,4 (4L5)	9
P		711		721	1,14,56			10		10		4G,4*	11
P		721		725	1,14,57			04		04		4K,4	12
P		725		735	1,14,58			10		09		4G,4*	13
P		8,13		8,27	1,14,59			14		07		4G,4* 8 (4G4*)	16
P		8,88		8,96	1,14,60			08		05		4D,4,67* (4G4*)	21
P		9,09		9,14	1,14,61			05		05		4G,4* ±1	23
P		9,14		9,21	1,14,62			07		07		4E,4,* ±1±8 (4G4*)	24
P		9,21		9,35	1,14,63			14		13		4D,0, (4D8)	25
P		9,35		9,41	1,14,64			06		06		4L,1,4	26
P		1,7,47		1,7,65	1,14,65			18		10		4G,4*	42
P		1,7,65		1,7,83	1,14,66			18		18		4G,4*	
P		1,7,83		1,8,00	1,14,67			17		14		4E,4,1 ±* (4D4)	43
P		1,8,00		1,8,17	1,14,68			17		14		4E,4,1 ±* (4D4)	
P		1,8,17		1,8,41	1,14,69			24		12		4A,4	44
P		1,8,41		1,8,50	1,14,70			09		05		4A,0	45
P		1,8,50		1,8,54	1,14,71			04		04		4A,4	46
P		1,8,54		1,8,72	1,14,72			18		16		4A,0	47
P		1,8,72		1,8,90	1,14,73			18		17		4A,0	

→  
4G4 →

DDH FAGA100  
 2 m 8

Cyprus Anvil Mining Corp.

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

Structural Log

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

Code	From		To		Feature	Sym	S <sub>0</sub>		S <sub>1</sub>		S <sub>2</sub>		Description
	10	14	16	20			Dip	Direct.	Dip	Direct.	Dip	Direct.	
<del>F</del>	<del>52</del>	<del>5</del>	<del>61</del>	<del>0</del>	<del>GB</del>								
F			67	4	IG								
F	68	7	70	1	X.D.P.								
F			71	1	IG								
F	72	1	72	5	D.P.								
<del>F</del>	<del>75</del>	<del>8</del>	<del>79</del>	<del>0</del>	<del>G</del>								
F	117	0	117	7	G			99	999				
F			13	9	IG								
<del>F</del>	<del>161</del>	<del>1</del>	<del>162</del>	<del>5</del>	<del>GP</del>								
F	172	0	172	1	G								
F	18	17	184	1	3B								Slicks 11 CA @ 183.8
F			185	2	IG								
F	198	7	198	9	X								
F	200	0	200	3	G								
F			222	8	IG								
F			228	9	IG			99	999				
F			237	4	G			99	999				
F			238	0	IG			99	999				
F	239	4	239	6	G			99	999				
F	239	9	240	2	G			99	999				
F			242	9	IG			99	999				
F	24	63	248	1	GP 3			99	999				
F	52	1	55	8	G								
F	75	9	76	0	G								
F	161	5	162	5	G								

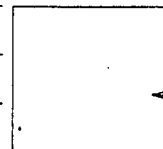


# DIAMOND DRILL RECORD

LOGGED BY M. de Quadros

D.D.H. No. 75-A100 PAGE 2 of 8

PROPERTY \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ BEARING OF HOLE \_\_\_\_\_ STARTED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ DIP OF HOLE \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ DIP TESTS \_\_\_\_\_ DEPTH Proposed: \_\_\_\_\_ Ultimate: \_\_\_\_\_



CLAIM No. \_\_\_\_\_  
 DIRECTION AND DISTANCE FROM  
 NE. CLAIM POST

metres FOOTAGE		DESCRIPTION	Rec.	Sample	metres Footage		Sample	Assay					Assay x Feet m		
FROM	TO		Ftm	No.	From	To	Length	Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag
64.7	65.4	QUARTZ - GRAPHITE PHYLLITE Dark gray Altered appearance, very fissile, sheared. F2 30° to C.A. Contact with unit below abrupt at right angles to C.A.	0.5/ 0.7		64.7	65.4									
65.4	66.2	MASSIVE SULPHIDE Minor quartz, 70% pyrite and 4-6% lead-zinc.	0.8	2243	65.4	66.2	0.8	10.35	10.50	5.15		8.25	6.40	4.12	
66.2	67.4	QUARTZ - SERICITE PHYLLITE Light gray Partly altered and bleached. Fissile, well foliated. F2 45°.	0.7/ 0.8			67.4									
67.4	73.9	MASSIVE SULPHIDES WITH PHYLLITES Variable, low grade. 67.4-68.7 -- 60% pyrite, 6-8% lead-zinc -68.9 -- bleached phyllite, soft, talcy, barren -70.1 -- 40% pyrite, 15% quartz, 4-6% lead-zinc -71.2 -- bleached phyllite, broken, talcy, barren -73.5 -- 50-60% pyrite, 10% quartz, 6-8% lead-zinc	1.2 0.2/ 0.2 0.8 0.7/ 1.1 2.2	2244  2245  2246	67.4 68.7 70.1 71.2 73.5	68.7 68.9 70.1 71.2 73.5	1.3  1.2  2.3	11.55  3.00  11.10	12.29  4.62  11.11	5.15  1.15  4.47		15.915  3.6  25.53	15.977  5.544  25.553	6.685  1.38  10.251	
			Wt. Average			65.4	73.5	8.1	16.47	16.85	2.775 (95.1)		50.425	55.474	22.406





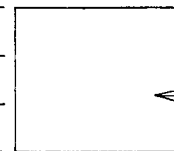


# DIAMOND DRILL RECORD

LOGGED BY M. de Quadros

D.D.H. No. 75-A100 PAGE 6 of 8

PROPERTY \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ BEARING OF HOLE \_\_\_\_\_ STARTED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ DIP OF HOLE \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ DIP TESTS \_\_\_\_\_ DEPTH Proposed: \_\_\_\_\_ Ultimate: \_\_\_\_\_



CLAIM No. \_\_\_\_\_  
 DIRECTION AND DISTANCE FROM \_\_\_\_\_  
 NE. CLAIM POST

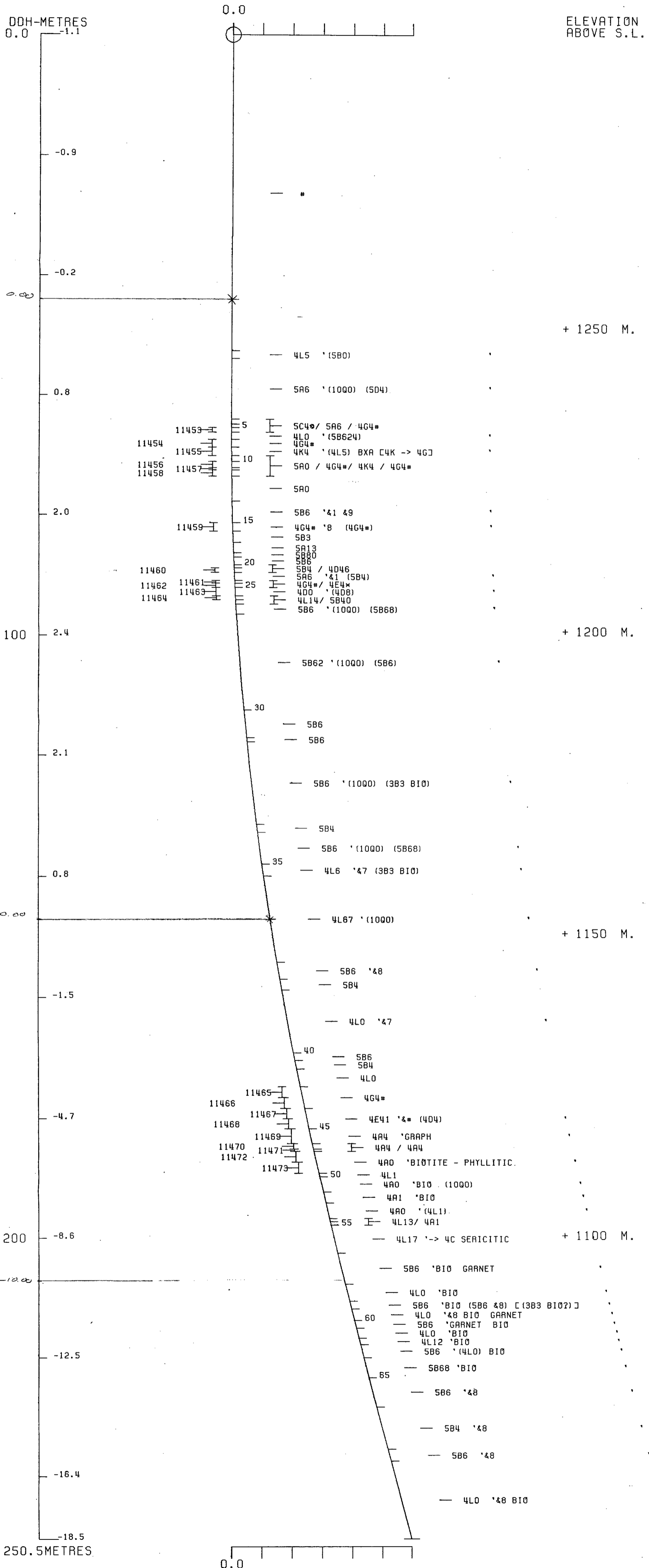
meters FOOTAGE		DESCRIPTION	Rec. Ft. m	Sample No.	meters Footage		Sample Length	Assay					Assay x Feet. m		
FROM	TO				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag
174.7	181.9	MASSIVE SULPHIDE Recovery uneven; sampled between blocks as below: 174.7-175.6 -- powdery soft; 70-80% pyrite, 18-20% (?) lead-zinc -176.5 -- powdery soft; 70-80% pyrite, 18% (?) lead-zinc -178.2 -- competent, F2 80°. 60% pyrite, 20-25% lead-zinc -179.2 -- competent. F2 70°. 60% pyrite, 60% (?) lead-zinc -180.7 -- competent. F2 60-70°. 60% pyrite, 8-10% lead-zinc. -181.4 -- competent. F2 70°. 60% pyrite, 2-3% lead-zinc -181.9 -- broken; 60% pyrite, 5-6% lead-zinc	0.35	2252	174.7	175.6	0.9	7.65	11.40	3.53			16.85	10.26	3.177
			0.4	2253		176.5	0.9	6.23	10.04	2.88			5.107	9.045	2.592
			1.6	2254		178.2	1.7								
			0.9	2255		179.2	1.0	7.50	11.17	3.47			12.74	19.839	6.899
			1.4	2256		180.7	1.5	2.25	3.18	1.18 40.5			2.23	3.18	1.18
			0.5	2257		181.4	0.7	4.65	5.96	2.06			6.975	8.94	3.09
			0.2	2258		181.9	0.5	3.30	5.58	1.41			2.31	3.906	0.987
					wt Average	174.7	178.2	3.5	7.21	11.18	3.33 114.2		25.242	39.144	11.668
181.9	185.3	MINERALIZED QUARTZ - GRAPHITE - SERICITE PHYLLITE Banded Very broken and folded mineralized rock. Heavy core loss. Sampled from block to block. 181.9-182.3 -- 10% pyrite, 12% (?) lead-zinc -183.2 -- 12-14% pyrite, 10-12% (?) lead-zinc -184.4 -- 10-12% pyrite, 5-6% (?) lead-zinc -185.4 -- 12-15% pyrite, 2-3% lead-zinc	0.2?	2259	181.9	182.3	0.4	4.88	7.30	2.27			1.952	2.92	0.908
			0.5?	2260		183.2	0.9	3.08	4.38	1.29			2.772	3.942	1.161
			0.9	2261		184.4	1.2								
			0.6	2262		185.4	1.0								
185.3	197.8	QUARTZ - SERICITE ± GRAPHITE PHYLLITE Medium gray Broken with minor competent layers. F2 60-70°. F1 generally well preserved. Numerous quartz lenses and silicified fractures. Graphitic sections tend to be well foliated and very fissile. Partly bleached.			wt Average	178.2	181.9	3.7	3.66	5.18	1.61		13.335	19.181	5.932
						174.7	181.9	7.2	5.36	8.10	2.44		38.577	58.325	17.600
						174.7	182.3	7.6	5.33	8.06	2.44 87.5		40.529	61.248	19.508





# DDH: FAGA100 -- 42 DEGREE PROFILE ( VIEW AZIMUTH = 312 DEGREES )

ELEV:1299 592473E ; 905000N  
 PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0  
 CORRECTED COLLAR POSITION: X = 618.1 Z = 1298.4  
 SECTION NAME: 70W



# DDH: FAGA100 -- 42 DEGREE PROFILE

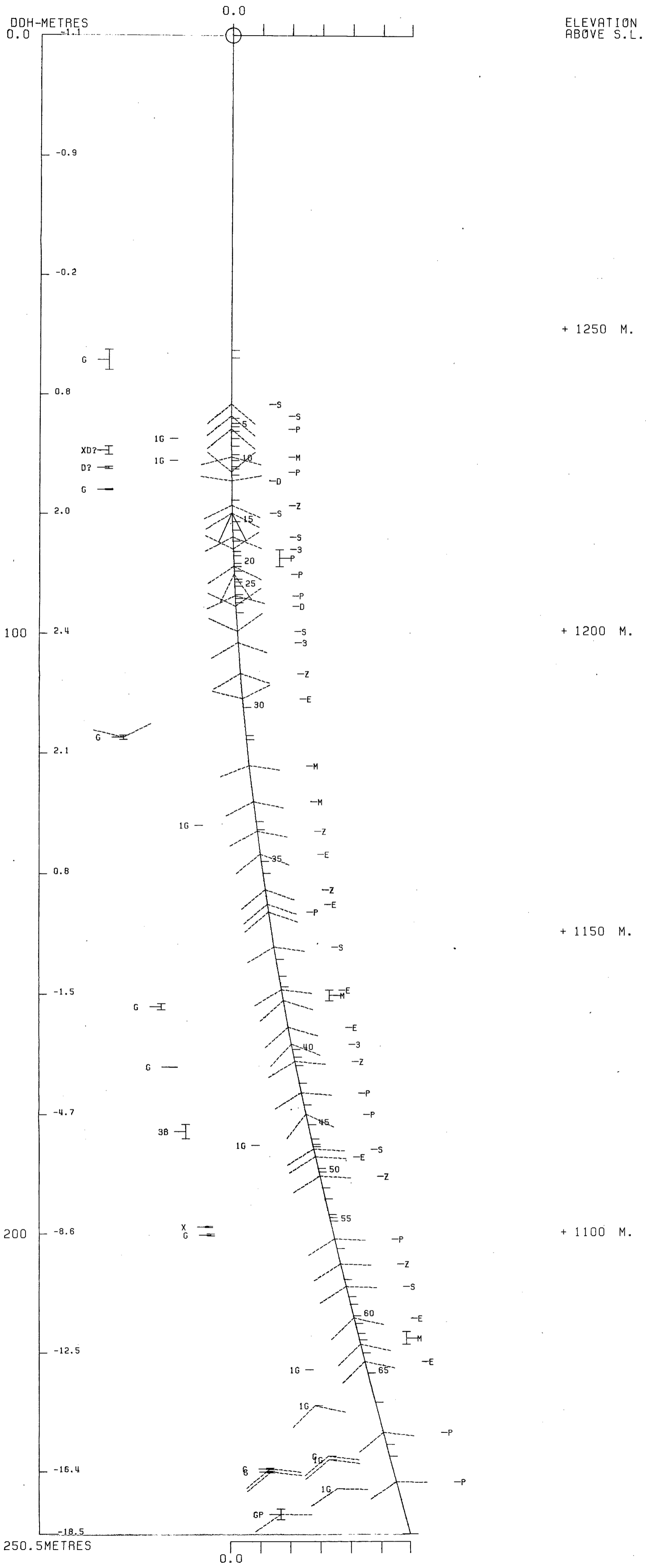
( VIEW AZIMUTH = 312 DEGREES )

ELEV: 1299 592473E ; 905000N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 618.1 Z = 1298.4

SECTION NAME: 70W



FAGA133

DRILL HOLE : FAGA133  
NORTHING : 904,980.2  
EASTING : 592,455.5  
ELEVATION : 1,296.8  
TOTAL DEPTH : 144.1  
SECTION : W 70  
R.F.E. : S2  
RFE DIRECTION: 230  
PLUNGE ANGLE : 11  
PLUNGE DIRECT: 312  
DHD CALC: 1  
SS CALC: 1

## DETAIL RECORD COUNTS:

NOS CRE-SAMPLES: 0  
NOS DOWN-H-SURVEYS: 3  
NOS DOWN-H-LITHOLOGY: 41  
NOS DOWN-H-STRUCTURE: 17  
NOS DOWN-H-FAULTS: 24  
NOS DOWN-H-SPLINES: 3  
NOS COMPOSITES: 0

29MAR84 GRUM

DOWN-HOLE SURVEYS (LH000)

PAGE: 54

DDH: PAGA133 UTM-N: 9047900.2 UTM-E: 5927455.5 UTM-ELEV: 1296.8 TOTAL DEPTH: 144.1 SECTION: W 70  
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
67.100	176.000	310.000
121.900	173.000	62.000

DDH: FAGA133 UTM-N: 904790.2 UTM-E: 5927455.5 UTM-ELEV: 1296.8 TOTAL DEPTH: 144.1 SECTION: W 70  
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
53.6	0001	#		0.5-	1
53.9	0002	5B6		0.5-	1
58.5	0003	5B6		0.5-	1
59.2	0004	5B6		0.5-	1
60.2	0005	5B6	(1000)	0.5-	1
60.5	0006	5B6		0.5-	1
63.1	0007	5B6	(1000)	0.5-	1
66.4	0008	5B6		0.5-	1
66.6	0009	5B6		0.5-	1
71.6	0010	5B6		0.5-	1
78.0	0011	5B6	(5A0)	0.5-	1
79.5	0012	5B62		0.5-	1
80.0	0013	5F6	[5B68]?	0.5-	1
82.3	0014	5F6	[5D6] [5B68]?	0.5-	1
83.2	0015	5AC		0.5-	1
85.1	0016	5D6	(5A0)	0.5-	1
89.3	0017	4L24		0.5-	1
91.0	0018	5B6		0.5-	1
91.1	0019	5B6		0.5-	1
91.7	0020	5B6		0.5-	1
92.0	0021	4LC		0.5-	1
93.0	0022	5B6		0.5-	1
93.4	0023	1000		0.5-	1
97.1	0024	5B6	(5B64 -> 4L)	0.5-	1
97.2	0025	4E4		0.5-	1
98.3	0026	5A0	(4L0)	0.5-	1
99.7	0027	5B62		0.5-	1
99.8	0028	5B62		0.5-	1
101.4	0029	5A6		0.5-	1
102.1	0030	5AC		0.5-	1
103.5	0031	5B6		0.5-	1
108.0	0032	4LC		0.5-	1
110.5	0033	5B6	(5B62)	0.5-	1
110.6	0034	5B6		0.5-	1
122.5	0035	5B64		0.5-	1
123.1	0036	4LC		0.5-	1
123.2	0037	4L0		0.5-	1
125.8	0038	4LC		0.5-	1
129.1	0039	5B64		0.5-	1
134.1	0040	4LC	(4L2)	0.5-	1
144.2	0041	5B6		0.5-	1

DDH: FAGA133 UTM-N: 904,980.2 UTM-E: 592,455.5 UTM-ELEV: 1,296.8 TOTAL DEPTH: 144.1 SECTION: W 70  
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYTRY	SO	ANGLE	DIRECT	S1	ANGLE	DIRECT	S2	ANGLE	DIRECT	RFE	CDE	DHDC	SDC	PROCESS
FAGA133	0.0	61.9	PS2	P	0	0	0	0	C	40	230	C	1	1	1	1	1	
FAGA133	0.0	68.0	CS2	Z	0	0	0	0	C	50	230	C	1	1	1	1	1	
FAGA133	0.0	79.3	PS2	P	0	0	0	0	C	70	230	C	1	1	1	1	1	
FAGA133	0.0	86.1	PS2	P	0	0	0	0	C	70	230	C	1	1	1	1	1	
FAGA133	0.0	90.3	CS2	Z	0	0	0	0	C	50	230	C	1	1	1	1	1	
FAGA133	0.0	95.9	PS2	P	0	0	0	0	C	70	230	C	1	1	1	1	1	
FAGA133	0.0	103.2	PS2	P	0	0	0	0	C	50	230	C	1	1	1	1	1	
FAGA133	0.0	113.1	PS2	P	0	0	0	0	C	70	230	C	1	1	1	1	1	
FAGA133	0.0	115.8	PS2	P	0	0	0	0	C	80	230	C	1	1	1	1	1	
FAGA133	0.0	120.0	CS2	Z	0	0	0	0	C	60	230	C	1	1	1	1	1	
FAGA133	0.0	127.1	PS2	P	0	0	0	0	C	85	230	C	1	1	1	1	1	
FAGA133	0.0	131.1	PS2	P	0	0	0	0	C	85	230	C	1	1	1	1	1	
FAGA133	0.0	136.6	PS2	P	0	0	0	0	C	70	230	C	1	1	1	1	1	
FAGA133	0.0	139.0	CS2	Z	0	0	0	0	C	55	230	C	1	1	1	1	1	
FAGA133	0.0	140.7	CS2	S	0	0	0	0	C	65	230	C	1	1	1	1	1	
FAGA133	0.0	142.3	PS2	P	0	0	0	0	C	75	230	C	1	1	1	1	1	
FAGA133	0.0	143.6	CS2	Z	0	0	0	0	C	60	230	C	1	1	1	1	1	

DDH: FAGA133 UTM-N: 904980.2 UTM-E: 5927455.5 UTM-ELEV: 1296.8 TOTAL DEPTH: 144.1 SECTION: W 70  
 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	
FAGA133	55.9	58.5	GF		3		60	0	C	0	1
FAGA133	59.2	60.2	G				99	999	C	C	1
FAGA133	60.5	61.5	G				99	999	C	C	1
FAGA133	61.5	63.1	B				0	0	C	C	1
FAGA133	0.0	66.2	G				C	0	99	999	1
FAGA133	0.0	66.4	G				C	0	99	999	1
FAGA133	66.4	66.6	G				0	0	C	C	1
FAGA133	66.6	71.6	2G				0	0	C	C	1
FAGA133	71.6	78.0	BPP		3		0	0	C	C	1
FAGA133	79.5	80.0	GP		2		0	0	C	C	1
FAGA133	83.2	85.1	G				C	0	C	C	1
FAGA133	89.2	89.3	G				C	0	45	15C	1
FAGA133	91.0	91.1	G				0	0	C	C	1
FAGA133	91.7	92.0	G				55	150	G	0	1
FAGA133	0.0	95.1	G				C	0	C	C	1
FAGA133	97.2	98.3	GF				0	0	C	C	1
FAGA133	99.7	99.8	G				0	0	C	C	1
FAGA133	99.8	101.4	BP		5		0	0	C	0	1
FAGA133	0.0	102.7	G				0	0	99	999	1
FAGA133	0.0	103.4	G				0	0	0	C	1
FAGA133	103.5	108.0					99	999	99	999	1
FAGA133	110.5	110.6	G				C	0	99	999	1
FAGA133	123.1	123.2	G				99	999	C	0	1
FAGA133	128.2	128.3	G				0	0	99	999	1

27MAR84 GRUM

DCWA-HOLE SPLINES (CHD20)

PAGE: 58

DDH: FAGA133 UTM-N: 904,980.2 UTM-E: 592,455.5 UTM-ELEV: 1,296.8 TOTAL DEPTH: 144.1 SECTION: W 70  
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DJH SEGMENT NOS COND INDICATOR

FAGA133	1	2
FAGA133	2	2
FAGA133	3	1

DIAMOND DRILL CORE LOG

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

Hole Number: FAGA133 (76-A133)

Reference Fabric Orientation Diagram:

Project: GRUM RELOG

Location: VANGIORDA PLATEAU

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

Terr. Plane Co-ords.: 6904980.2 N

592455.5 E

Grid Co-ords: 70W

7N

Elevation: 1296.8 m

Total Depth: 144.2 m

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

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

Logged by: DSJ / JGS

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

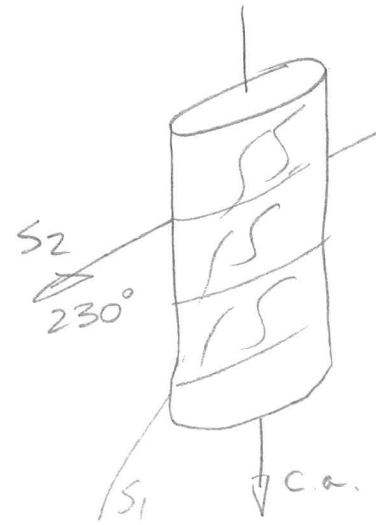
Drilling Contractor: \_\_\_\_\_

Size	CORE From	To	Collar Cased and Capped: _____
BQ	0	EOH	
_____	_____	_____	
_____	_____	_____	

Hole Cemented: Yes from collar. 12 bags.

Steel down hole: No.

Started: Aug 4/76 Completed: Aug 7/76



All symmetry determinations looking

NW with S2 dipping

SW with dip azimuth 230.

UTM  
1979 H112  
Orthophoto  
Survey

DDH F.A.G.A.133  
2 8

Diamond Drill Core Log Date: \_\_\_\_\_ Logged By: DST/JAS

Code	Drillhole	Elevation	Northing	Easting	Units (feet/metres)	R.F.E.
I	<small>2 8 10 16 17 24 25 32 34 39 41 42</small>					
T	F.A.G.A.133	1296.8	9049.80	25924.55	metres	SZ

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
I	<small>2 8 10 14 22 26 28 32 34 56</small>				
R	F.A.G.A.133	00	180.0	0.0	AT COLLAR
R	F.A.G.A.133	67.1	176.0	319.0	CALCULATED FROM AL90
R	F.A.G.A.133	1219	173.0	162.0	

Code	Drillhole	Comments, Errant Remarks, Snivellings and / or Lewd Suggestions
I	<small>2 8 10</small>	
	F.A.G.A.133	NO ASSAY LOG

Code	From		To		Recov.	No.	Unit	Description		
	10	14	16	20					22	24
L	100		153	6		101	*	o/B.		
L	153	6	155	9		102	5B6			
L	155	9	158	5		103	5B6	GOUGE BK F. 55.9 u/c 60/0 < S <sub>2</sub> = 35/230		
L	158	5	159	2		104	5B6	1/2 ind. 0-7 REC		
L	159	2	160	2		105	5B6	GOUGE 1000.		
L	160	2	160	5		106	5B6			
L	160	5	163	1		107	5B6	GOUGE F. u/c 11 S <sub>2</sub> TECT. 1/2 ind., 60.7-1 m Gauge, 11 S <sub>2</sub> 61.5-63.1 Bkn Core 1000,		
L	163	1	166	4		108	5B6	66.2, 1 cm Gauge 11 S <sub>2</sub> 66.4, 5 cm Gauge 11 S <sub>2</sub> .		
L	166	4	166	6		109	5B6	GOUGE F u/c ind 1/2 11 S <sub>2</sub> ARTIF		
L	166	6	171	6		110	5B6	1 cm gauges common 11 S <sub>2</sub>		
L	171	6	178	0		111	5B6	(5A0) Bkn core rubble? F REC 2 m ONLY		
L	178	0	179	5		112	5B62			
L	179	5	180	0		113	5F6	GOUGE 0.1 m REC only MIL ATT		
L	180	0	182	3		114	5F6	[506]		
L	182	3	183	2		115	5A0			
L	183	2	185	1		116	5B6	(5A0) GOUGE F MIL ATT		
L	185	1	189	3		117	4L24	89.2-89.3 GOUGE C. 45/150		
L	189	3	191	0		118	5B6			
L	191	0	191	1		119	5B6	GOUGE MIL ATT		
L	191	1	191	7		120	5B6			
L	191	7	192	0		121	4L4	GOUGE u/c 55/150 1/2 ind.		
L	192	0	193	0		122	5B6			
L	193	0	193	4		123	1000			
L	193	4	197	1		124	5B6	5B64-4L 94.9-95.0. 1 cm GOUGE 95.1 MIL ATT		
L	197	1	197	2		125	4E4	u/c F? 1/2 GOUGE MIL ATT.		
L	197	2	198	3		126	5A0	(4L0) GOUGE F TRUNCATES SULPHIDES		
L	198	3	199	7		127	5B62			
L	199	7	199	8		128	5B62	GOUGE MIL ATT		
L	199	8	1101	4		129	5A0	Bkn Core 0.8 m REC.		
L	1101	4	1102	1		130	5A0	Whly Core		
L	1102	1	1103	5		131	5B6	2 cm GOUGE 11 S <sub>2</sub> 102.7, & 103.4 ARTIF.		
L	1103	5	1108	0		132	4L0	GOUGE u/c 3 11 S <sub>2</sub> ind gauge 11 S <sub>2</sub> 1/2 11 S <sub>2</sub>		
L	1108	0	1110	5		133	5B6	(5B62)		
L	1110	5	1110	6		134	5B6	GOUGE 11 S <sub>2</sub>		
L	1110	6	1122	5		135	5B64	(4L0) 112.6-113.3 & 114.6-114.7,		

DDH FAG 1133

2

8

Cyprus Anvil Mining Corp.

Page 4 of 5

Lithologic Log

Date: 28 AUG 81 Logged By: DST JGS

Code	From		To		Recov.			No.		Unit		Description
	10	14	16	20	22	24	26	28	30	34	35	
L	1122	5	1123	1					36	4L0		
L	1123	1	1123	2					37	4L0	Gouge u/c 11 SZ ARTIF? L/C 11 SZ TEC	THRUST
L	1123	2	1125	8					38	4L0		
L	1125	8	1129	1					39	5B64	11 SZ GOUGE 128-2 - 128-3	
L	1129	1	1134	1					40	4L0	(4L2)	
L	1134	1	1144	2					41	5B16		
											END OF HOLE	

Structural Log

Code	From			To			Feature	SYM	S <sub>0</sub>		S <sub>1</sub>		S <sub>2</sub>		Description
	10	14	16	20	22	24			26	28	32	34	38	40	
S				161	9		PSZ						40	2310	
S				168	0		CSZ	Z					50	2310	
S				179	3		PSZ						70	2310	
S				186	1		PSZ						70	2310	
S				190	3		CSZ	Z					50	2310	
S				195	9		PSZ						70	2310	
S				1103	2		PSZ						50	2310	
S				1113	1		PSZ						70	2310	
S				1115	8		PSZ						80	2310	
S				1120	0		CSZ	Z					60	2310	
S				1127	1		PSZ						85	2310	
S				1131	1		PSZ						85	2310	
S				1136	6		PSZ						70	2310	Sx 30/320 Fx = Z
S				1139	0		CSZ	Z					55	2310	
S				1140	7		CSZ	S					65	2310	
S				1142	3		PSZ						75	2310	
S				1143	6		CSZ	Z					60	2310	

DDH FAGA133  
2 8

Cyprus Anvil Mining Corp.

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

## Structural Log

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

Code	From		To		Feature	SYM	S <sub>0</sub>		S <sub>1</sub>		S <sub>2</sub>		Description	
	10	14	16	20			22	24	26	28	32	34		38
F		559		585	GF	3	60	000						
F		592		602	G		99	999						
F		605		615	G		99	999						
F		615		631	B									
F				662	G				99	999				
F				664	G				99	999				
F		664		666	G									
F		666		716	2G									
F		716		780	BRP3									
F		795		800	GP2									
F		832		851	G									
F		892		893	G				45	1,50				
F		910		911	G									
F		917		920	G		SS	1,50						
F				931	G									
F		972		983	GF									
F		997		998	G									
F		998		1014	BRP5									
F				1027	G				99	999				
F				1034	G									
F	1035		1080				99	999	99	999	99	999		
F	1105		1106	G					99	999				
F	1231		1232	G			99	999				99	999	
F	1282		1283	G					99	999				

# DDH: FAGA133 -- 42 DEGREE PROFILE

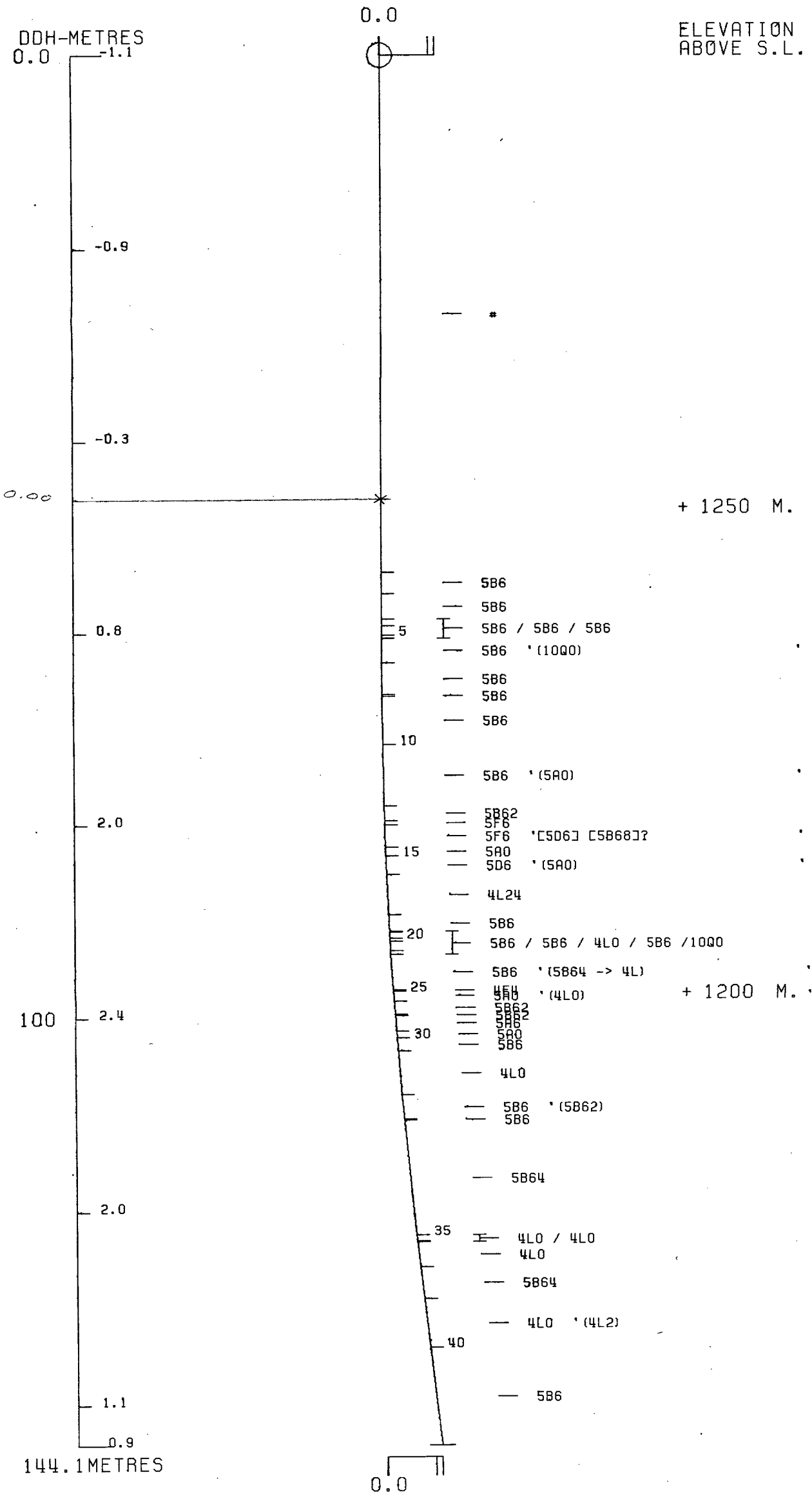
( VIEW AZIMUTH = 312 DEGREES )

ELEV:1297 592456E ; 904980N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 591.4 Z = 1296.6

SECTION NAME: 70W



# DDH: FAGA133 -- 42 DEGREE PROFILE

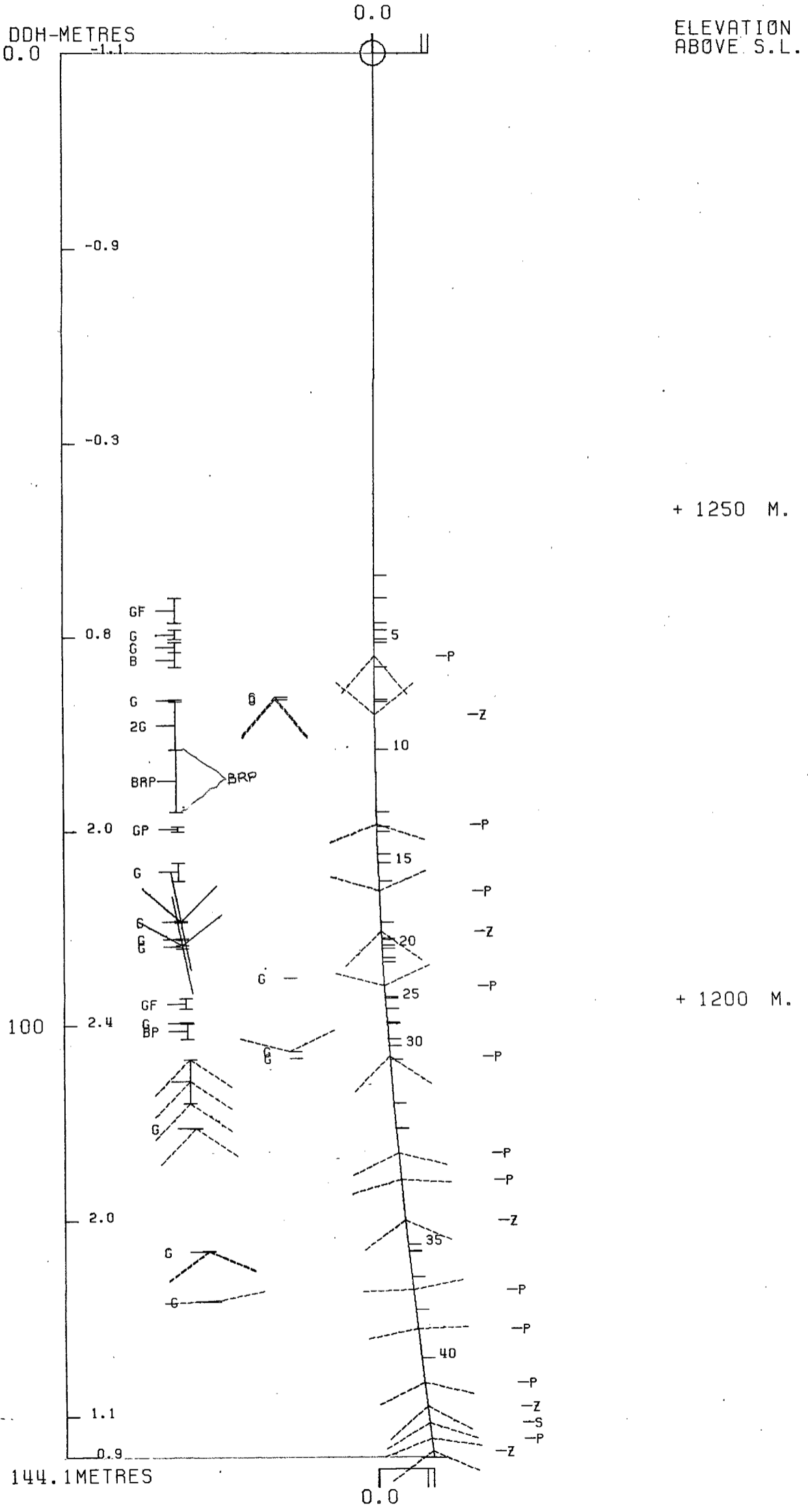
( VIEW AZIMUTH = 312 DEGREES )

ELEV: 1297 592456E ; 904980N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 591.4 Z = 1296.6

SECTION NAME: 70W



FAGA138

DRILL HOLE : FAGA138  
NORTHING : 905,022.8  
EASTING : 592,492.6  
ELEVATION : 1,301.4  
TOTAL DEPTH : 96.9  
SECTION : W 70  
R.F.E. : S2  
RFE DIRECTION: 230  
PLUNGE ANGLE : 11  
PLUNGE DIRECT: 312  
DHD CALC: 1  
SS CALC: 1

## DETAIL RECORD COUNTS:

NOS CRE-SAMPLES: 0  
NOS DOWN-H-SURVEYS: 2  
NOS DOWN-H-LITHOLOGY: 26  
NOS DOWN-H-STRUCTURE: 8  
NOS DOWN-H-FAULTS: 6  
NOS DOWN-H-SPLINES: 2  
NOS COMPOSITES: 0

29MAR84 GRUM

DOWN-HOLE SURVEYS (DP020)

PAGE: 60

DDH: FAGA138 UTM-N: 905,022.8 UTM-E: 592,492.6 UTM-ELEV: 1,301.4 TOTAL DEPTH: 96.9 SECTION: W 70  
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
67.100	176.000	310.000

DDH: FAGA138 UTM-N: 905,022.8 UTM-E: 592,492.6 UTM-ELEV: 1,301.4 TOTAL DEPTH: 96.9 SECTION: W 70  
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	INC
39.6	0001	#		0.5-	1
42.1	0002	58C2		0.5-	1
43.6	0003	5802		0.5-	1
48.8	0004	58C2		0.5-	1
51.3	0005	5D4#	(5C4#)	0.5-	1
54.3	0006	58C2		0.5-	1
55.8	0007	5862		0.5-	1
56.2	0008	100C		0.5-	1
57.9	0009	5862		0.5-	1
60.3	0010	4LC		0.5-	1
61.7	0011	5862		0.5-	1
63.3	0012	5862		0.5-	1
65.7	0013	5862		0.5-	1
66.0	0014	5DC		0.5-	1
68.3	0015	5862		0.5-	1
68.6	0016	58C2		0.5-	1
68.8	0017	5862		0.5-	1
69.0	0018	5DC		0.5-	1
78.1	0019	5862		0.5-	1
78.6	0020	5DC		0.5-	1
82.3	0021	5862		0.5-	1
84.5	0022	5DC		0.5-	1
87.2	0023	5862	(5A0) MINOR	0.5-	1
92.7	0024	58C2	(5A3)	0.5-	1
94.0	0025	5DC		0.5-	1
96.9	0026	586	(5862)	0.5-	1

DDH: FAGA138 UTM-N: 905,022.8 UTM-E: 592,492.6 UTM-ELEV: 1,301.4 TOTAL DEPTH: 96.9 SECTION: W 70  
 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
FAGA138	0.0	44.3	CS2	Z	0	0	0	C	50	230	C	1	1	1	
FAGA138	0.0	50.5	CS2	Z	0	0	0	0	60	230	C	1	1	1	
FAGA138	0.0	65.5	PS2	P	0	0	0	0	60	230	C	1	1	1	
FAGA138	0.0	72.5	PS2	P	0	0	0	0	60	230	C	1	1	1	
FAGA138	0.0	76.3	PS2	P	0	0	0	C	70	230	C	1	1	1	
FAGA138	0.0	81.8	PS2	P	0	0	0	0	70	230	C	1	1	1	
FAGA138	0.0	87.9	CS2	Z	0	0	0	C	80	230	C	1	1	1	
FAGA138	0.0	96.0	PS2	P	C	0	0	C	80	230	C	1	1	1	

29MAR84 GRUM

## DOWN-HOLE FAULTS (DHD20)

PAGE: 63

DDH: FAGA138 UTM-N: 905,022.8 UTM-E: 592,492.6 UTM-ELEV: 1,301.4 TOTAL DEPTH: 96.9 SECTION: W 70  
 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			
FAGA138	42.1	43.6	NC?				0	0	0	0	1		
FAGA138	56.2	57.9	P		2		0	0	0	0	1		
FAGA138	57.9	60.3	G				0	0	0	0	1		
FAGA138	60.4	61.7	P		2		0	0	0	0	1		
FAGA138	61.7	63.3	G				0	0	99	999	0	0	1
FAGA138	0.C	69.0	G				0	0	99	999	0	0	1

29MAR84 GRUM

DOWN-HOLE SPLINES (DHO20)

PAGE: 64

CDH: FAGA138 UTM-N: 905,022.8 UTM-E: 592,492.6 UTM-ELEV: 1,301.4 TOTAL DEPTH: 96.9 SECTION: W 70  
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH SEGMENT NOS COND INDICATOR

FAGA138	1	2
FAGA138	2	1

\*\*THIS REPORT WAS REQUESTED BY: LEEP .GEOLOGY AT: 16:48:16

DIAMOND DRILL CORE LOG

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

Hole Number: FACA 138 (75-A138)

Reference Fabric Orientation Diagram:

Project: GRUM RELOG

Location: VANGORDA PLATEAU

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

Terr. Plane Co-ords.: 6905022.8 N

592492.6 E

Grid Co-ords: 70W

9N

Elevation: 1301.4 m

Total Depth: 96.9m

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

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

Logged by: DSS/JAS

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

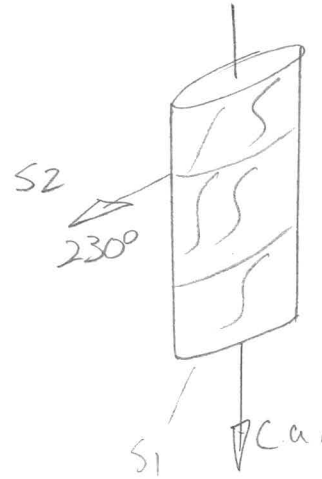
Drilling Contractor: \_\_\_\_\_

Size	CORE From	To	Collar Cased and Capped: _____
<u>BQ</u>	<u>0</u>	<u>EGH</u>	
_____	_____	_____	
_____	_____	_____	

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

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

Started: Aug 13/76 Completed: Aug 16/76



All symmetry determinations looking

NW with S2 dipping

SW with dip azimuth 230°.

*LTM  
1979 H2W  
D. Kophala Survey*

DDH FAG, A138  
2 8

Diamond Drill Core Log Date: \_\_\_\_\_ Logged By: DST/JAS

Code	Drillhole	Elevation	Northing	Easting	Units (feet/metres)	R.F.E
I	2	8 10	16 17	24 25	32 34	39 41 42
T	FAG, A138	1304	4905.022	859249.2	metres	SZ

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
I	2	8 10	14 22	26 28	32 34
R	FAG, A138	00	180.0	0.0	AT COLLAR
R	FAG, A138	67	176.0	310.0	CALCULATED FROM A100

Code	Drillhole	Comments, Errant Remarks, Snivellings and / or Lewd Suggestions
I	2	8 10
	FAG, A138	NO ASSAY LOG, NO SULFIDE INTERSECT

DDH F.A.G.A.13.8

2 8

Cyprus Anvil Mining Corp.

Page 3 of 4

Lithologic Log

Date: 28 AUG 81 / Logged By: DSJ - JGS

Code	From		To		Recov.		No.		Unit		Description
	10	14	16	20	22	24	26	28	30	34	
L	100		139	6				101		*	OB.
L	139	6	142					102		51B102	
L	142		143	6				103		51B102	SAND No RECOV ?
L	143	6	148					104		51B102	
L	148	8	151					105		510141*	CALC (5C4* CALC)
L	151	3	154					106		51B1012	
L	154	3	155					107		51B1612	
L	155	8	156					108		101901	
L	156	2	157					109		51B1612	0-3 m. REC ONLY
L	157	9	160					110		41L101	GOUGE 110/ATT
L	160	4	161					111		51B1612	0.3 m RECOV.
L	161	7	163					112		51B1612	GOUGE ATT/110 int 11/2
L	163	3	165					113		51B1612	
L	165	7	166					114		51031	
L	166	0	168					115		51B1612	
L	168	3	168					116		51B1012	
L	168	6	168					117		51B1612	
L	168	8	169					118		51031	2cm gouge 11/2 at 69.0
L	169	0	178					119		51B1612	
L	178	1	178					120		51031	
L	178	6	182					121		51B1612	
L	182	3	184					122		51A31	
L	184	5	187					123		51B1612	mines (SA0)
L	187	2	192					124		51B1012	(SA3)
L	192	7	194					125		51031	
L	194	0	196					126		51B161	(51B62)
											END of HOLE

96.9

DDH FAGAL38  
2 8

Cyprus Anvil Mining Corp.  
Structural Log

Page 4 of 4

Date: 28 AUG 81 Logged By: DSJ-JGS

Code	From		To		Feature	SYM	S <sub>0</sub>		S <sub>1</sub>		S <sub>2</sub>		Description	
	10	14	16	20			Dip	Direct.	Dip	Direct.	Dip	Direct.		
S				44	3	CSZ	Z					50	2310	
S				50	5	CSZ	Z					60	2310	
S				65	5	PSZ						60	2310	
S				72	5	PSZ						60	2310	
S				76	3	PSZ						70	2310	
S				81	8	PSZ						70	2310	
S				87	9	CSZ	Z					80	2310	
S				96	0	PSZ						80	2310	

DDH FAGA138  
2 8

Cyprus Anvil Mining Corp.

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

Structural Log

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

Code	From		To		Feature	SYM	S <sub>0</sub>		S <sub>1</sub>		S <sub>2</sub>		Description
	10	14	16	20			Dip	Direct.	Dip	Direct.	Dip	Direct.	
F		42	1	43	NC?								Sand
F		56	2	57	P	2							
F		57	9	60	G								
F		60	4	61	P	2							
F		61	7	63	G				99	99			
F				69	G				99	99			







# DDH: FAGA138 -- 42 DEGREE PROFILE

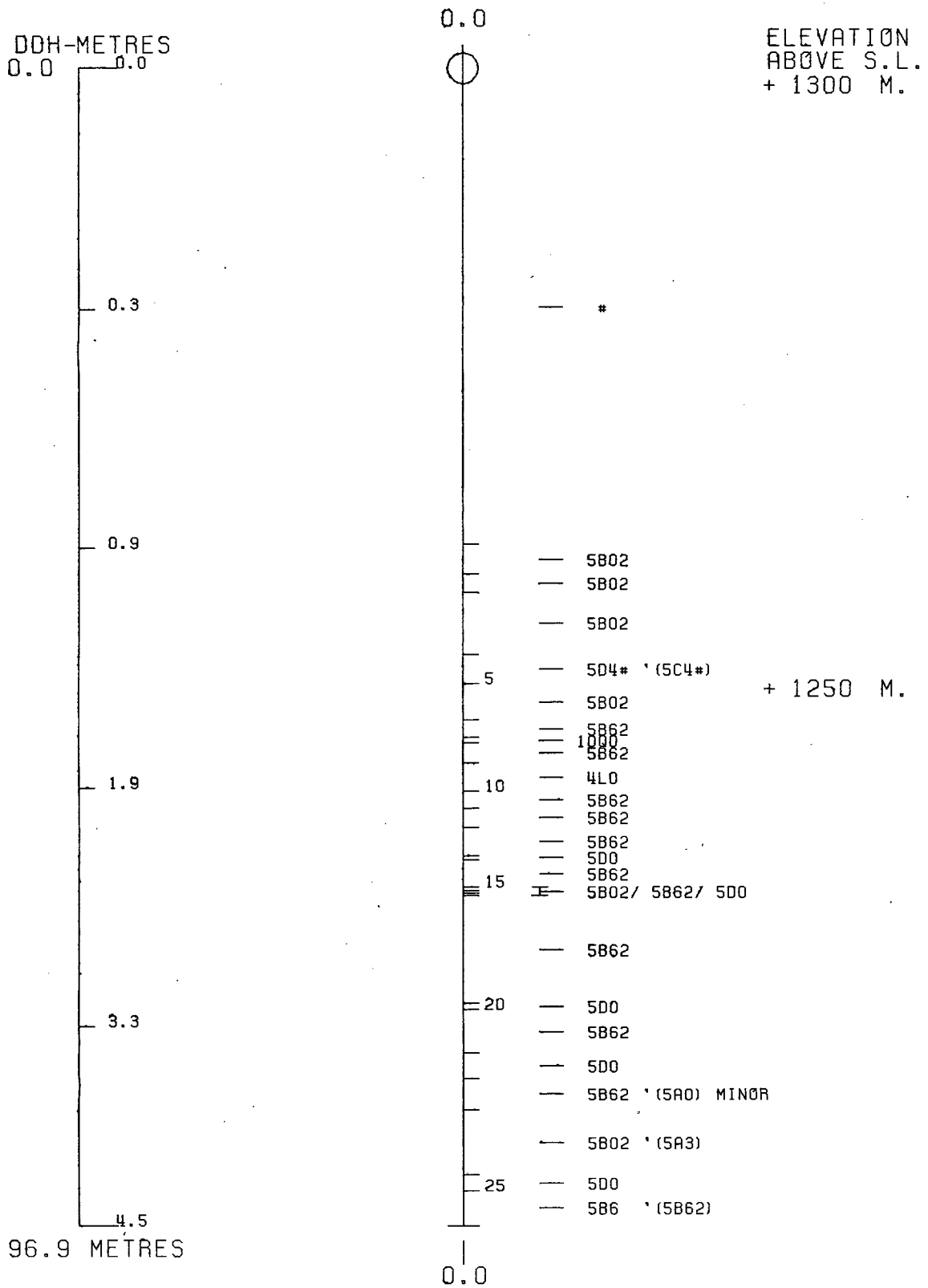
( VIEW AZIMUTH = 312 DEGREES )

ELEV: 1301 592493E ; 905023N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 647.9 Z = 1301.4

SECTION NAME: 70W



# DDH: FAGA138 -- 42 DEGREE PROFILE

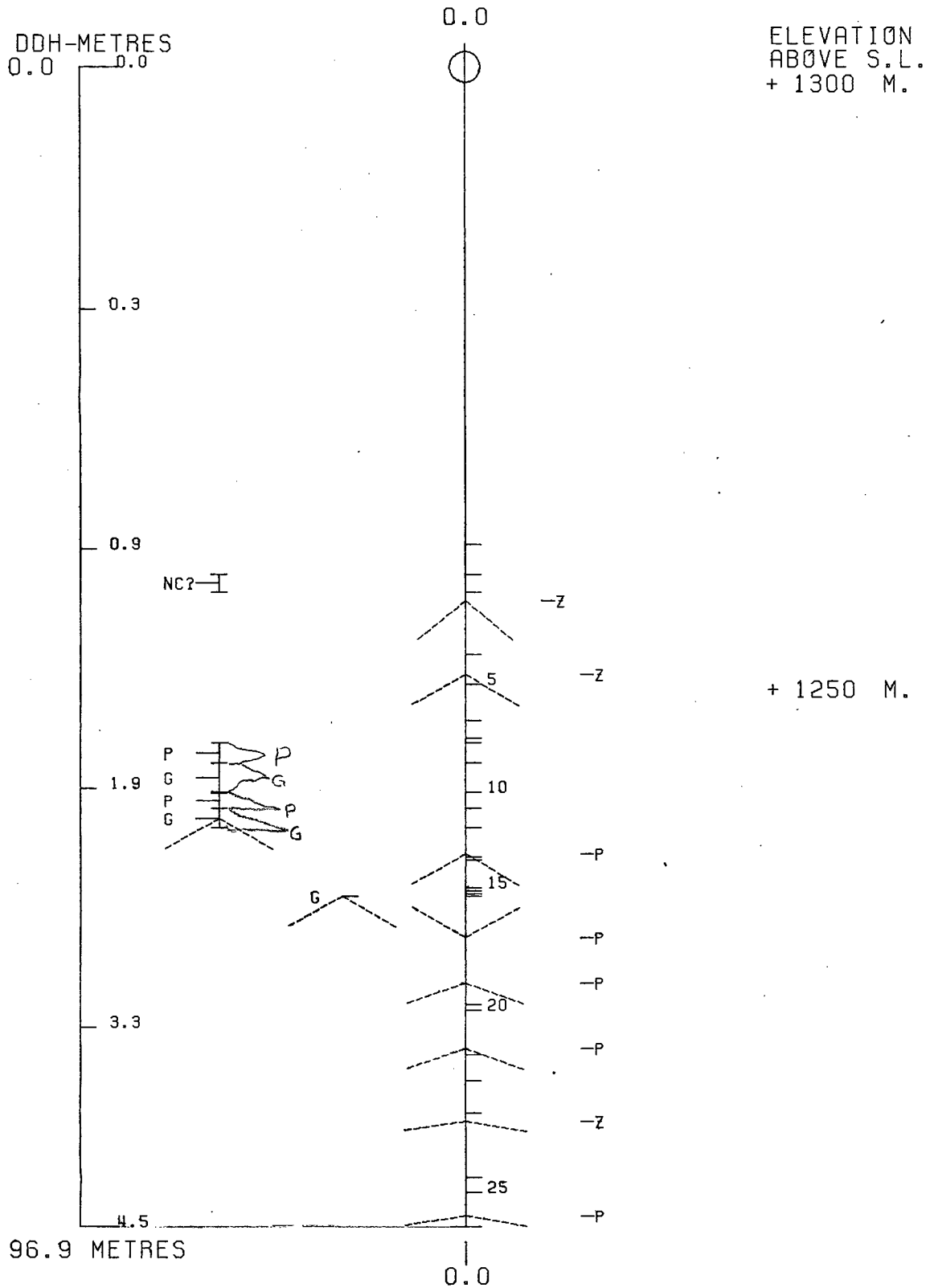
( VIEW AZIMUTH = 312 DEGREES )

ELEV: 1301      592493E ; 905023N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 647.9    Z = 1301.4

SECTION NAME: 70W



FAGA159

DRILL HOLE : FAGA159  
NORTHING : 904,796.9  
EASTING : 592,288.5  
ELEVATION : 1,276.8  
TOTAL DEPTH : 148.4  
SECTION : W 70  
R.F.E. : S2  
RFE DIRECTION: 230  
PLUNGE ANGLE : 11  
PLUNGE DIRECT: 312  
DHD CALC: 1  
SS CALC: 1

## DETAIL RECORD COUNTS:

NOS CORE-SAMPLES: 10  
NOS DOWN-H-SURVEYS: 4  
NOS DOWN-H-LITHOLOGY: 46  
NOS DOWN-H-STRUCTURE: 23  
NOS DOWN-H-FAULTS: 22  
NOS DOWN-H-SPLINES: 4  
NOS COMPOSITES: 0

EDH: FAGA159 UTM-N: 904,796.9 UTM-E: 592,268.5 UTM-ELEV: 1,276.8 TOTAL DEPTH: 142.4 SECTION: W 70  
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC 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	ASSAYS			SAC %	HG %	MN %	AS %	BA %	S.G. W.R.
FROM	TO											AU(FA) G/MT	PC %	PY %						
102.7	103.5	11262	.8	.8	4E#4	4.67	.19	4.30	1.88	53.00	53.00	2.88	3	35	33					
103.5	104.5	11269	1.0	1.0	4A3	3.74	.17	.68	.98	23.00		1.30	2	21	23					
104.5	105.2	11270	.7	.7	4E#4	4.23	.19	4.00	4.80	67.00		1.17	3	24	27					
107.0	107.5	11271	.5	.4	5A1	3.33	.08	.80	.79	18.00		.21	5	11	16					
107.5	107.8	11272	.3	.3	4E*4	4.24	.19	3.30	4.00	54.00		1.03	3	27	30					
107.8	108.5	11273	.7	.6	4E*	3.92	.15	2.40	2.10	37.00		1.17	2	23	26					
108.5	109.2	11274	.7	.7	4C*	3.67	.11	2.20	1.92	28.00		.69	4	15	20					
109.2	111.4	11275	2.2	2.2	4E#8	4.83	.29	2.30	1.92	37.00		1.23	3	32	35					
111.4	111.8	11276	.4	.4	4E*4	4.81	.19	5.70	7.40	104.00		1.51	1	31	32					
111.8	112.3	11277	.5	.5	4C0	3.45	.14	1.32	1.43	30.00		.34	7	10	17					

WEIGHTED AVERAGE

102.7	105.2		2.5	2.5		4.17	.18	2.76	2.33	46.52	16.96	1.76	2	26	29					
107.0	112.3		5.3	5.1		4.25	.20	2.37	2.32	39.37		.98	4	24	28					

DDH: FAGA159 UTM-N: 904,796.9 UTM-E: 592,280.5 UTM-ELEV: 1,276.8 TOTAL DEPTH: 148.4 SECTION: W 70  
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
68.900	171.000	106.300
114.800	169.000	87.500
137.200	164.000	108.000

DDH: FAGA159 UTM-N: 904,796.9 UTM-E: 592,288.5 UTM-ELEV: 1,276.8 TOTAL DEPTH: 148.4 SECTION: W 70  
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	INC
12.2	OC01	#		0.5-	1
17.9	OC02	5B3		0.5-	1
20.2	OC03	5B32		0.5-	1
25.3	OC04	5B3	-> SEC LOCALLY	0.5-	1
26.3	OC05	5B32		0.5-	1
34.1	OC06	5B3	(5B3)	0.5-	1
38.4	OC07	5A3		0.5-	1
41.8	OC08	10Q0	(5A3)	0.5-	1
44.5	OC09	5C3		0.5-	1
46.4	OC10	5C3	[5C4*]	0.5-	1
50.0	OC11	5A3#		0.5-	1
50.5	OC12	5D4*		0.5-	1
72.0	OC13	5A6		0.5-	1
74.7	OC14	5C#		0.5-	1
76.1	OC15	5E#4	[5C#]	0.5-	1
78.0	OC16	5B43		0.5-	1
79.5	OC17	4L1#	[5D4*9]	0.5-	1
86.1	OC18	4LC	(10Q0)	0.5-	1
87.5	OC19	3GC		0.5-	1
88.5	OC20	5B#		0.5-	1
89.7	OC21	5C#		0.5-	1
91.8	OC22	5B3#		0.5-	1
93.6	OC23	5A6		0.5-	1
93.9	OC24	4LC		0.5-	1
97.7	OC25	5A6	(5B62)	0.5-	1
102.7	OC26	5A16	83 89	0.5-	1
103.5	OC27	4E#4	81 88 MINOR	0.5-	1
104.5	OC28	4A3	84 (4C0 84)	0.5-	1
105.2	OC29	4E#4	81	0.5-	1
107.0	OC30	4L3		0.5-	1
107.5	OC31	5A16	-> 4A	0.5-	1
107.8	OC32	4E#4		0.5-	1
108.5	OC33	4E*4	(4A3*) MINOR	0.5-	1
109.2	OC34	4C*	(4A13) (4L#)	0.5-	1
111.4	OC35	4E#8	(4K0) MINOR	0.5-	1
111.8	OC36	4E*4	POROUS	0.5-	1
112.3	OC37	4DC	SERICITIC	0.5-	1
113.9	OC38	5B#4		0.5-	1
117.1	OC39	5B3	-> 5E0	0.5-	1
119.7	OC40	4L#	[5D43]	0.5-	1
126.2	OC41	5EC	(5B3)	0.5-	1
128.3	OC42	5B#	[5E# PHYLLITIC]	0.5-	1
129.4	OC43	3GC	83	0.5-	1
133.1	OC44	5B3		0.5-	1
141.9	OC45	5B43	(5E4)	0.5-	1
148.4	OC46	5B3		0.5-	1

SOHAR84 GRM

DOWN-HOLE STRUCTURE (DHC2C)

PAGE: 3

DDH: FAGA159 UTM-N: 904,796.9 UTM-E: 592,288.5 UTM-ELEV: 1,276.6 TOTAL DEPTH: 148.4 SECTION: W 70  
 RFE: S2 RFE DIR: 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	RFE CDE	DHCC	SDC	PROCESS
FAGA159	0.0	12.4	CS2	M	0	0	0	C	59	230	C	1	1	1
FAGA159	0.0	18.8	CS2	M	0	0	0	C	65	230	C	1	1	1
FAGA159	0.0	24.8	CS2	Z	0	0	0	C	81	230	C	1	1	1
FAGA159	0.0	33.8	CS2		0	0	52	C	68	230	C	1	1	1
FAGA159	0.0	37.0	CS2	M	0	0	0	C	69	230	C	1	1	1
FAGA159	0.0	45.0	CS2		0	0	0	C	60	230	C	1	1	1
FAGA159	0.0	49.0	CS2		0	0	85	120	67	230	C	1	1	1
FAGA159	0.0	55.0	CS2	M	0	0	0	C	74	230	C	1	1	1
FAGA159	0.0	61.0	CS2	Z	0	0	87	C	68	230	C	1	1	1
FAGA159	0.0	68.5	CS2	S	0	0	0	C	82	230	C	1	1	1
FAGA159	0.0	74.0	CS2		0	0	0	C	45	230	C	1	1	1
FAGA159	0.0	79.0	CS2		0	0	0	C	67	230	C	1	1	1
FAGA159	0.0	88.5	CS2		0	0	0	C	70	230	C	1	1	1
FAGA159	0.0	94.5	CS2		0	0	76	C	69	230	C	1	1	1
FAGA159	0.0	100.3	CS2	M	0	0	0	C	84	230	C	1	1	1
FAGA159	0.0	104.0	CS2		0	0	0	C	45	230	C	1	1	1
FAGA159	0.0	110.5	CS2		0	0	0	C	59	230	C	1	1	1
FAGA159	0.0	116.0	CS2	S	0	0	0	C	63	230	C	1	1	1
FAGA159	0.0	125.0	CS2	S	0	0	0	C	70	230	C	1	1	1
FAGA159	0.0	130.5	CS2	M	0	0	0	C	74	230	C	1	1	1
FAGA159	0.0	136.5	CS2	M	0	0	0	C	83	230	C	1	1	1
FAGA159	0.0	143.0	CS2	Z	0	0	0	C	74	230	C	1	1	1
FAGA159	0.0	148.3	CS2	S	0	0	0	C	74	230	C	1	1	1

DDH: FAGA159 UTM-N: 904,796.0 UTM-E: 592,288.5 UTM-ELEV: 1,276.3 TOTAL DEPTH: 148.4 SECTION: W 70  
 RFE: S2 RFE DIP: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	REC	CD	PARLL	UPPER PLANE	INTERNAL PLANE	LOWER PLANE	DHD				
FAGA159	28.2	28.3	GR				C	0	99	999	0	0	1	
FAGA159	38.4	41.8	1G				0	0	C	C	0	0	1	
FAGA159	41.8	44.5	GP				0	0	C	C	30	35	1	
FAGA159	0.0	46.4	1G				C	0	99	999	0	0	1	
FAGA159	50.0	50.5	R				0	0	0	0	0	0	1	
FAGA159	68.0	68.2	G				0	0	C	C	0	0	1	
FAGA159	71.0	71.3	G				0	0	C	C	0	0	1	
FAGA159	72.2	73.5	GP	1			0	0	0	C	C	0	0	1
FAGA159	76.1	78.0	GRP	6			C	0	C	C	0	0	0	1
FAGA159	79.5	86.1	GP	3			0	0	C	C	0	0	0	1
FAGA159	86.4	86.6	G				0	0	33	C	0	0	0	1
FAGA159	88.5	89.2	GRP	5			C	0	C	C	0	0	0	1
FAGA159	90.9	91.2	G				0	0	C	C	0	0	0	1
FAGA159	0.0	102.7	1G				0	0	C	C	0	0	0	1
FAGA159	105.4	105.7	G				0	0	C	C	0	0	0	1
FAGA159	106.0	107.0	GP	2			0	0	C	C	0	0	0	1
FAGA159	107.5	107.8	D				0	0	C	C	0	0	0	1
FAGA159	109.1	109.2	X				0	0	0	C	0	0	0	1
FAGA159	0.0	111.3	R				0	0	C	C	0	0	0	1
FAGA159	120.1	120.7	1G				C	0	C	C	0	0	0	1
FAGA159	122.8	123.1	G				C	0	C	C	0	0	0	1
FAGA159	131.9	132.0	G				0	0	99	999	0	0	0	1

DDH: FAGA159 UTM-N: 904,796.9 UTM-E: 592,288.5 UTM-ELEV: 1,276.8 TOTAL DEPTH: 148.4 SECTION: W 70  
 PFE: 32 RFE DIP: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH SEGMENT NOS COND INDICATOR

FAGA159	1	2
FAGA159	2	2
FAGA159	3	2
FAGA159	4	1

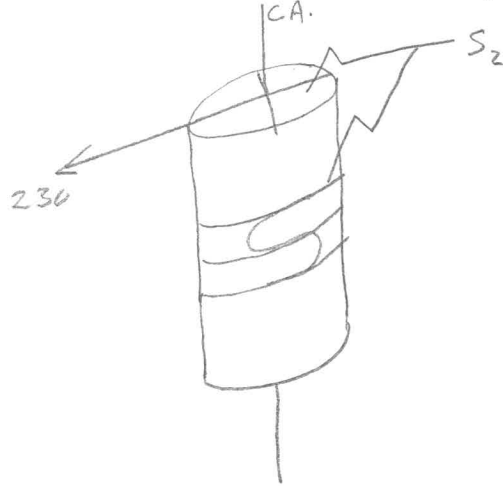
CYPRUS ANVIL MINING CORPORATION  
DIAMOND DRILL CORE LOG

Page 1 of 7  
Date: 28 Aug/81

Hole Number: FAGA-159  
Project: GRUM RELOG  
Location: SECTION 70W  
Claim: -  
Terr. Plane Co-ords.: 6904796.9 N  
592288.5 E  
Grid Co-ords: 70 W  
1+00 S

UTM  
1979 HZWD  
Dr. Koptas Survey

Reference Fabric Orientation Diagram:



All symmetry determinations looking

Elevation: 1276.8

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

Total Depth: 148.4m

SW with dip azimuth 230°.

Purpose: TESTING EXTENSION OF GRUM DEPOSIT.

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

Logged by: GG

Date(s) Logged: 28 August/81

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

Size	CORE From	To	Collar Cased and Capped: _____
<u>BW</u>	<u>0</u>	<u>12.2m</u>	
<u>BQ</u>	<u>12.2</u>	<u>148.4m</u>	

Hole Cemented: 8 BAGS

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

Started: 16 SEPT/76 Completed: 19 SEPT/76



METRES

Code	From					To					Recov.	No.	Unit	Description	F/W CNT	
	10	14	16	20	22	24	26	28	30	34					35	TYPE
L	00			122								0011	*	OVERBURDEN.		
L	122			179								2	5B31	CLASSIC	GRADES 10cm	11/2
L	179			202								3	5B32		GRADES 10cm	11/2
L	202			253								4	5B31	LOCALLY APPROACHES SEO - PHYLLITE		
L	253			263								5	5B32	V. CALC	5cm GOUGE	-CONTACTS?
L	263			341								16	5B31	+ (5B*-DOLO)		11/2
														28.2-28.3m = GOUGE + RUBBLE		
														POSS 11/2		
L	341			384								7	5A13	HIGH CARBON	2cm QZ VN	11/2
L	384			418								8	110Q01	+ (5A3) + (minor GOUGE)	RUBBLE	?
L	418			445								9	5C31	GOUGE + MISSING CORE (1.0m RECOVERY)	SHARP @ 30/035 wt. S <sub>2</sub> = 5/230	
L	445			464								10	5C31	3% FUCHSITE	1cm GOUGE	11/2
L	464			500								11	5A3*	DOLO	7cm QZ VN	11/2
L	500			505								12	5D43	BROWNISH-GREEN-MASSIVE	RUBBLE PROB	11/2
L	505			720								13	5A16	HIGH CARBON		11/2
														68.0-68.2 = GOUGE (11/2?)		
														71.0-71.3 = GOUGE - CONTACTS?		
L	720			747								14	5C1*	DOLO - 2% CHLORITE STREAKS	20cm QZ VN	11/2?
														72.2-73.5 = GOUGE + MISSING CORE (10cm RECOVERY)		
														CONTACTS?		
L	747			761								15	5E44	DOLO	GOUGE	
L	761			780								16	5B43	UNIT = GOUGE, QZ VNS + RUBBLE + MISSING CORE (1.1m RECOVERY)	SHARP? 28/110 wt S <sub>2</sub> = 28/230 RUBBLE	?
L	780			795								17	A141*	-DOLO- STRANGE ROCK -> 10% WISPY STREAKS OF SIFRICITE ± PHYLLITE, 20% DOLO LAMS, 60% QZ;		
L	795			861								18	A110	UNIT = 25% MISSING CORE 15% ALO 30% QZ VNS 30% GOUGE	RUBBLE	
														NO DEFINITIVE ORIENTATIONS		

METRES

Code	From		To		Recov.	No.		Unit	Description	F/W CNT			
	10	14	16	20		22	24			26	28	30	34
L	861		875				119	3IGZ	FINE GRAINED, SILICEOUS AT 20 cm H/W; 86.4-86.6m = GOUGE @ 33/00 w/ S <sub>2</sub> = 73/230?				11S <sub>2</sub>
L	875		885				120	5IB*	DOLO				GOUGE
L	885		897				121	5IC*	DOLO - 0.5m H/W = 50% MISSING CORE + GOUGE + RUBBLE - POSS. FAULT 11S <sub>2</sub> (?)				3 cm QZ VN 11S <sub>2</sub>
L	897		918				122	5IB3*	DOLO 90.9 - 91.8 = GOUGE + H/W QZ VN CONTACTS?				GOUGE
L	918		936				123	5IA6	HIGH CARBON				11S <sub>2</sub>
L	936		939				124	A1L01					11S <sub>2</sub>
L	939		977				125	5IA6	+(5B62)				
L	977		1027				126	5IA16	±3 ± PY LAMS - SIMILAR TO "CIRQUE" PREGWANT SHALE;				GOUGE - 10cm CONTACTS?
L	1027		1035				127	A1E*4	WEAKLY -CALC ±1; minor magnetite @ 106.9m;				11S <sub>2</sub>
L	1035		1045				128	A1A3	±4 + (4C0±4)				11S <sub>2</sub>
L	1045		1052				129	A1E*4	±1 WEAKLY -CALC				RUBBLE PROB 11S <sub>2</sub>
L	1052		1070				130	A1L31	GOUGE @ 105.4-105.7 (CNTS?) GOUGE + MISSING CORE (0.2m Recovery) @ 106.0-107.0m;				GOUGE
L	1070		1075				131	A1A11	NO <sup>TO LOW</sup> SULPHIDE; HIGH CARBON; [5A1]				RUBBLE ?
L	1075		1078				132	A1E*4	BRÉCCIA A1E*4 ANGULAR 0.1-1cm CLASTS IN F.G. WEAKLY CALC-SULPHIDE CLOSED MATRIX;				POSS @ 54/180 w/ S <sub>2</sub> = 35/230
L	1078		1085				133	A1E*4	+(4A3* AT 108.2-108.3m)				11S <sub>2</sub>
L	1085		1092				134	A1C*	WEAKLY -CALC, 20% PY + (4A13 + (3G12 - FINELY INTERBANDDED @ 108.8-108.9) ↳ APPEARS TO BE THE CENTER OF A FOLD NOSE 109.1-109.2 = A1C* - CALC - BRÉCCIA CONTACTS? → A1C* CLASTS IN CALC <sup>SULPHIDE</sup> CLOSED MATRIX				
L	1092		1114				135	A1E*8	1/4 + (4K0 @ 5cm F/W)				

↳ WEAKLY CALC

Lithologic Log

METRES

Code	From	To	Recov.	No.		Unit	Description	F/W CNT										
				10	14			16	20	22	24	26	28	30	34	35	TYPE	X
L	11114	11118				36	A1E*4	POROUS LAMS; NO MAGNETITE,	GRADES									
L	11118	11123				37	ADP	-SERRICITIC	RUBBLE PROB									11S <sub>2</sub>
L	11123	11139				38	5B*4	V. DOLO	GRADES									11S <sub>2</sub>
L	11139	11171				39	5B3	-APPROACHING SEO PHYC	1cm									QZ UN 11S <sub>2</sub>
L	11171	11197				40	A1L*	V CALC [5D43] - POSS. CHLORITE										11S <sub>2</sub>
								PRESENT;										
L	11197	11262				41	5E0	-PHYLLITIC + (5B3)										11S <sub>2</sub>
								120.1-120.7 - THIN BRAIDED										
								GOUGES ~ 11 C.A.										
								122.8-123.1 = GOUGE - CNTS?										
L	11262	11283				42	5B*	DOLO [5E*-DOLO, PHYLLITIC]	20cm									QZ UN 11S <sub>2</sub>
L	11283	11294				43	3G12	±3	GRADES									0.5m 11S <sub>2</sub>
L	11294	11331				44	5B3	131.9-132.0 = GOUGE PROB										11S <sub>2</sub>
L	11331	11419				45	5B4.3	V. CALC + (5E4)	GRADES									1.0m 11S <sub>2</sub>
L	11419	11484				46	5B3	±SERR; V. CALC;										

END OF HOLE @ 148.4 m

NOTES: 1) DOMINANT TRACE  
SULPHIDE THROUGHOUT THIS  
HOLE IS Py;

DDH F.A.G.A.159  
2 8

Cyprus Anvil Mining Corp.  
Structural Log

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Date: 28 Aug/81 Logged By: GG

Code	From			To			Feature	E Z	S <sub>0</sub>		S <sub>1</sub>		S <sub>2</sub>		Description
	10	14	16	20	22	24			26	28	32	34	38	40	
S				1.24			C/S/Z/M					59	23	10	REVERSING S/Z
S				1.88			C/S/Z/M					65			"
S				2.48			C/S/Z/Z					81			
S				3.38			C/S/Z/S			52	0.0	68			TENSION GASHES @ 128.5 - 136.5 @ ~22/180
S				3.70			C/S/Z/M					69			REVERSING S/Z/E/3
S				4.50			C/S/Z/R					60			
S				4.90			C/S/Z/S			85	1.80	67			
S				5.50			C/S/Z/M					74			REVERSING S/Z + P
S				6.10			C/S/Z/Z			87	0.0	68			
S				6.85			C/S/Z/S					82			? some Z ALSO
S				7.40			C/S/Z/R					45			
S				7.90			C/S/Z/R					67			
S				8.85			C/S/Z/R					7.0			F <sub>4</sub> @ 91/00 // POSS Z-SYM? (ONE POSS Z-FOLD)
S				9.45			C/S/Z/S			7.6	0.0	69			
S				10.03			C/S/Z/M					84			REVERSING E/3
S				10.40			C/S/Z/R					45			S-BANDS - NOTE REPETITION OF
S				11.05			C/S/Z/R					59			4E SUGGESTS A FOLD THROUGH THIS 4A BUT NO FOLD NOSES SEEN - MAY BE LOST IN THE MINOR RUBBLE PRESENT.
S				11.60			C/S/Z/S					63			
S				12.50			C/S/Z/S					70			
S				13.05			C/S/Z/M					74			REVERSING S/Z
S				13.65			C/S/Z/M					83			REVERSING E/3
S				14.30			C/S/Z/Z					74			
S				14.83			C/S/Z/S					74			
															END OF HOLE @ 148.4m

METRES



DDH FAGA159  
 2 meters 8

Cyprus Anvil Mining Corp.

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

Structural Log

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

Code	From		To		Feature	Sym	S <sub>0</sub>		S <sub>1</sub>		S <sub>2</sub>		Description
	10	14	16	20			Dip	Direct.	Dip	Direct.	Dip	Direct.	
	26	28	32	34	38	40	44						
F	282		283		GR			99	99	99			
F	384		418		IG								
F	418		445		GP					310	035		
F			464		IG			99	99	99			
F	500		505		R								
F	680		682		G								
F	710		713		G								
F	722		735		GP 1								
F	761		780		GRPS								
F	795		861		GP 3								
F	864		866		G			33	000				
F	885		892		GRPS								
F	909		918		G								
F			1027		IG								
F	1054		1057		G								
F	1060		1070		GP 2								
F	1075		1078		D								
F	1091		1092		X								
F			1118		R								
F	1201		1207		IG								~11CA
F	1228		1231		G								
F	1319		1320		G			99	99	99			



*J. L. ...*

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		
34.1	41.0	Qtz - Graph Phy (6) Dark Gray - Black. 65% qtz, 1mm - 1cm banding, excellent F <sub>2</sub> forms, Vertical to F <sub>2</sub> . 38.6 - 41.0" & 70% qtz veins(s). C.A. F <sub>2</sub> = 70°	4.1 / 4.3 1.5 / 2.6		34.1	38.4											
41.0	46.4	Qtz - Ser Phy, Bleached (S <sub>6</sub> ), Fault, Qtz - Ser - Chl Phy (S <sub>6</sub> ) 41.0 - 42.5(?)": Bleached Phy, sheared. (S <sub>6</sub> ) - 44. (?) : Intensely sheared & gouge, 20% mariposite - 44.8 : Bleached Phy, sheared (S <sub>6</sub> ) - 46.3 : Qtz - Ser - Chl, 1-20% chl. C.A. 65° @ 44.5" - 46.3"	0.3 / 0.8 0.1 / 1.5 0.9 / 1.5 1.4 / 1.6		41.0	41.8 43.3 44.8 46.4											
46.4	71.5	Qtz - Ser - Graph Phy w/ Minor Sulfides 46.4 - 53" : 1-5% graph., banded phy. 53 - : 1-3% graph., well foliated, very fissile. 47.2 - 48.7 : 1% py; 47.6 - 48.1 : 4% PZ Phyllites very sericitic, fissile & weak. C.A. F <sub>2</sub> = 65° @ 46.4 - 54", 75-80° @ 54.5 - 58.7", 70° @ 59 - 67.7, 90-85° @ 68 - 69, 70° @ 69.7 - 71" 67.5 - 71" : Many narrow shears // F <sub>2</sub> , some w/ gouge. 71 - 71.3 : fault w/ gouge.	1.1 / 0.2 0.5 / 0.5 2.2 / 2.2 0.45 / 2.1 1.3 / 1.9 5.7 / 5.7 0.8 / 1.6 4.2 / 4.5 3.7 / 4.6 0.5 / 0.8		46.4	47.6 48.1 50.3 52.4 54.3 60.0 61.6 66.1 70.7 71.5											

4% PbZn est



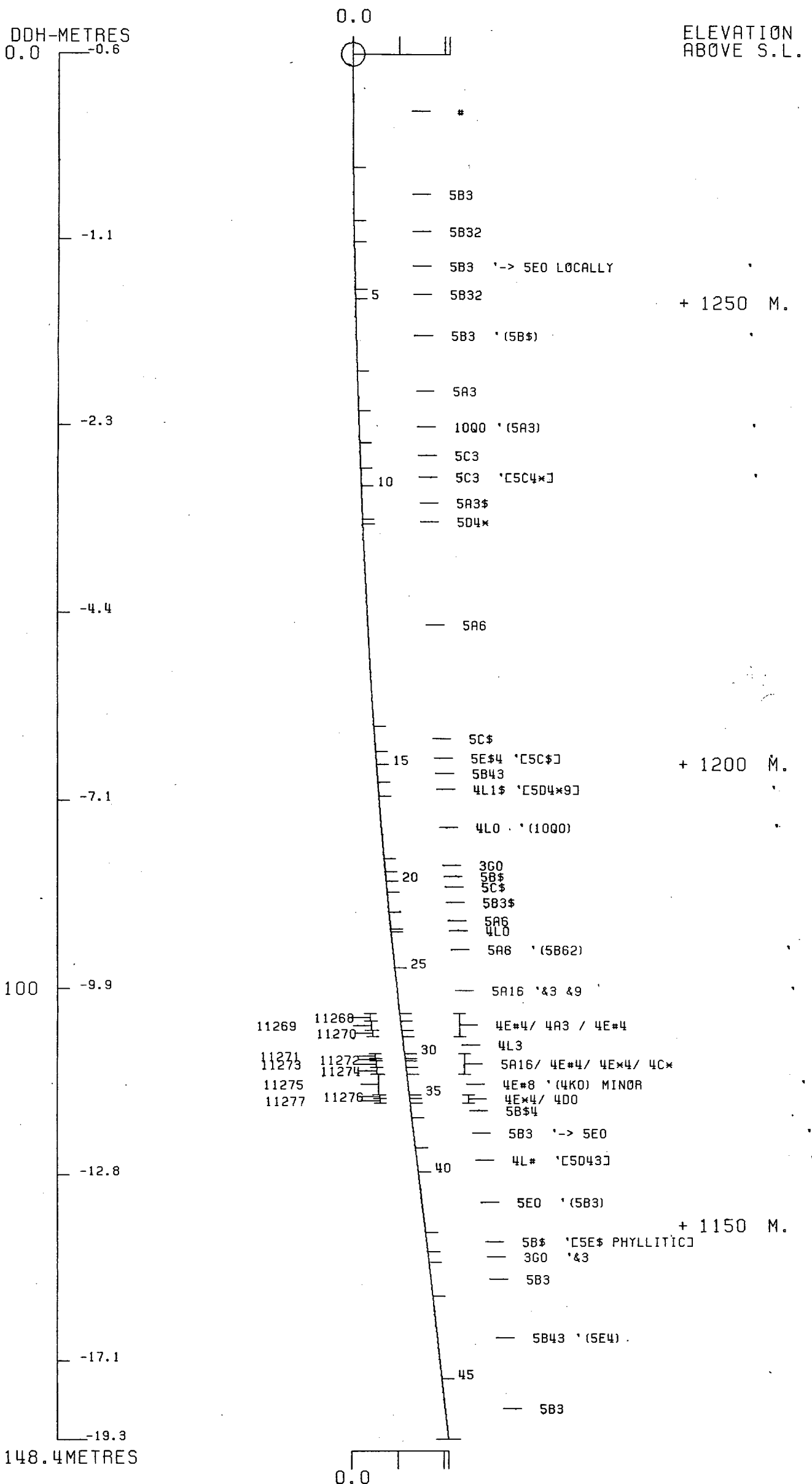






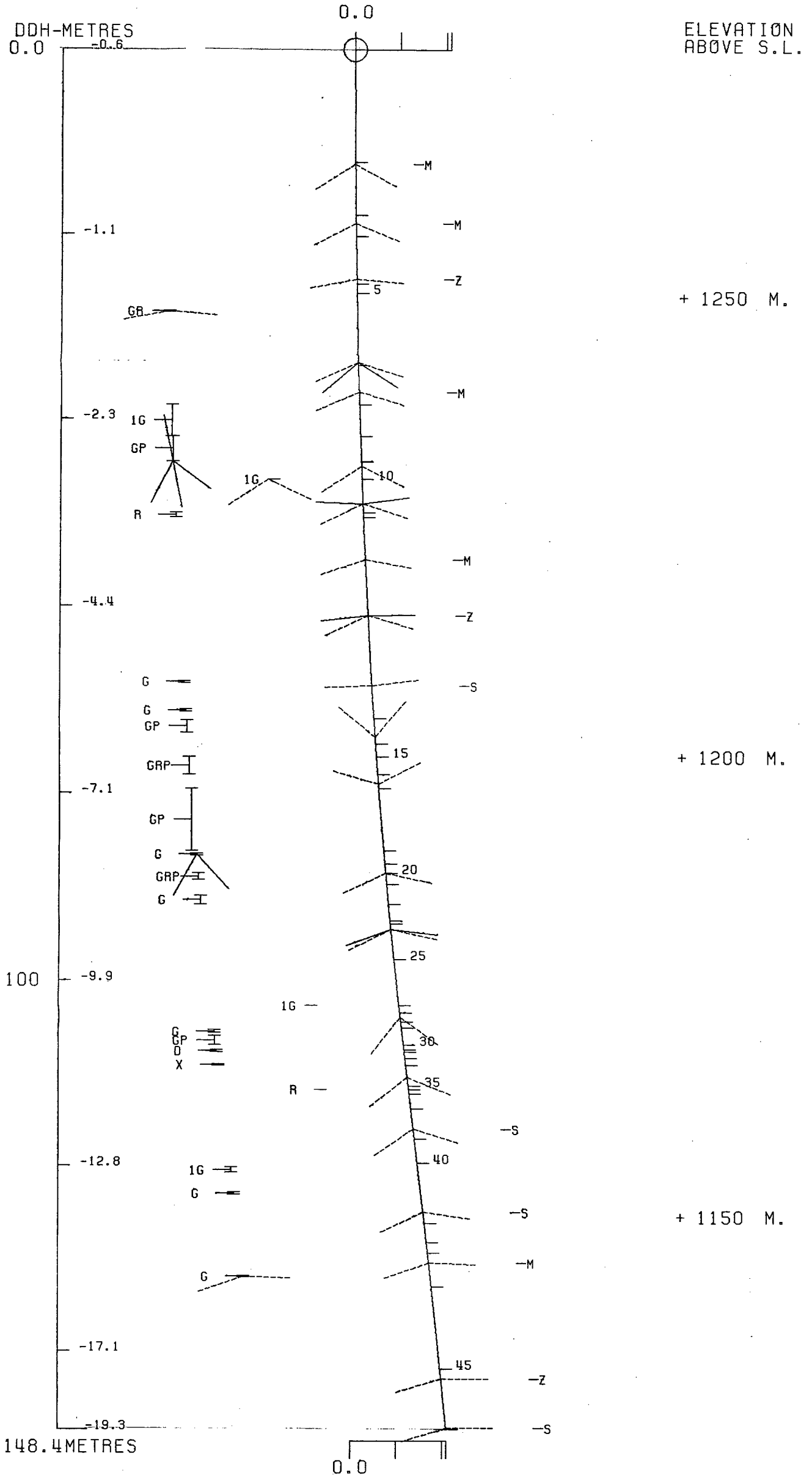
# DDH: FAGA159 -- 42 DEGREE PROFILE ( VIEW AZIMUTH = 312 DEGREES )

ELEV: 1277 592289E ; 904797N  
 PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0  
 CORRECTED COLLAR POSITION: X = 343.4 Z = 1276.7  
 SECTION NAME: 70W



# DDH: FAGA159 -- 42 DEGREE PROFILE ( VIEW AZIMUTH = 312 DEGREES )

ELEV:1277      592289E ; 904797N  
 PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0  
 CORRECTED COLLAR POSITION: X = 343.4    Z = 1276.7  
 SECTION NAME: 70W



70w

DRILL HOLE : FAGA208  
NORTHING : 904,826.9  
EASTING : 592,313.9  
ELEVATION : 1,278.1  
TOTAL DEPTH : 224.6  
SECTION : W 70  
R.F.E. : S2  
RFE DIRECTION: 230  
PLUNGE ANGLE : 11  
PLUNGE DIRECT: 312  
DHD CALC: 1  
SS CALC: 1

## DETAIL RECORD COUNTS:

NOS CRE-SAMPLES: 25  
NOS DOWN-H-SURVEYS: 6  
NOS DOWN-H-LITHOLOGY: 52  
NOS DOWN-H-STRUCTURE: 45  
NOS DOWN-H-FAULTS: 37  
NOS DOWN-H-SPLINES: 6  
NOS COMPOSITES: 0

DDH: PAG002 UTM-N: 904,008.1 UTM-E: 592,347.4 UTM-ELEV: 1,279.6 TOTAL DEPTH: 301.1 SECTION: W 70  
 RFE: S2 RFE DIP: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

---DEPTHS---				-----ASSAYS-----																
FROM	TO	SAMPLE INT. NO.	REC. UNIT	S.G. PULP	CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AL(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.	
166.0	167.0	1.0	.0			1.12	1.14		12.00											
170.0	186.4	10.4	9.4	3.35	.27	.68	1.62	21.72		.43	2	17	19							
198.6	201.2	2.6	2.6		.07	.53	.76	10.00												
218.5	220.5	2.0	2.0		.14	1.19	1.35	16.00												
245.2	262.1	16.9	14.9	3.58	.16	1.87	2.00	28.73		1.04	6	18	24							
267.0	269.0	2.0	.9		.16	.81	1.65	17.00												
294.9	299.0	4.1	4.1	1.71	.18	1.69	.91	25.26		.21	3	6	10							

30MAR84 GRUM

DOWN-HOLE SURVEYS (DHO2C)

PAGE: 25

DDH: FAGA062 UTM-N: 904,868.1 UTM-E: 592,347.4 UTM-ELEV: 1,279.8 TOTAL DEPTH: 301.1 SECTION: W 70  
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
61.000	176.500	122.000
121.900	170.000	106.000
182.900	169.000	114.000
225.600	163.000	101.000

DIR: FAGA062 UTM-N: 904,363.1 UTM-E: 592,347.4 UTM-ELEV: 1,279.8 TOTAL DEPTH: 301.1 SECTION: W 70  
RFE: S2 RFE DIR: 230 FLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
18.0	0001	#		0.5-	1
36.9	0002	5EC\$		0.5-	1
37.2	0003	506		0.5-	1
41.1	0004	5EC\$		0.5-	1
45.0	0005	5D4\$		0.5-	1
48.2	0006	5B2\$		0.5-	1
52.1	0007	4A0		0.5-	1
53.3	0008	5B62		0.5-	1
53.9	0009	5D4\$		0.5-	1
55.8	0010	5B0\$		0.5-	1
56.4	0011	5B0		0.5-	1
66.3	0012	5B3		0.5-	1
69.2	0013	5D0		0.5-	1
72.9	0014	5D4@		0.5-	1
74.4	0015	5B64		0.5-	1
76.5	0016	4E4		0.5-	1
79.7	0017	5B6		0.5-	1
79.9	0018	4L4		0.5-	1
81.1	0019	5D4@		0.5-	1
81.4	0020	5D4*		0.5-	1
81.8	0021	4L74		0.5-	1
84.4	0022	4E4	BXA	0.5-	1
84.7	0023	4L2		0.5-	1
85.2	0024	4L2		0.5-	1
85.6	0025	4L2		0.5-	1
93.0	0026	5B0\$		0.5-	1
96.9	0027	5D4\$		0.5-	1
98.1	0028	5EC\$		0.5-	1
102.8	0029	5B38		0.5-	1
103.3	0030	5B3		0.5-	1
106.5	0031	5B38		0.5-	1
106.9	0032	5D4\$		0.5-	1
114.1	0033	5B38		0.5-	1
117.5	0034	5B3		0.5-	1
118.2	0035	5B0\$		0.5-	1
118.4	0036	5D4\$		0.5-	1
121.1	0037	5B2\$		0.5-	1
122.4	0038	5B2\$		0.5-	1
126.6	0039	5B20		0.5-	1
126.8	0040	5E4		0.5-	1
127.0	0041	5D4*		0.5-	1
127.6	0042	4E0		0.5-	1
128.0	0043	4E42		0.5-	1
128.3	0044	4A0		0.5-	1
130.1	0045	4E0	& POROUS (4CC)	0.5-	1
131.8	0046	4A0		0.5-	1
132.3	0047	4EC		0.5-	1
132.4	0048	4EC		0.5-	1
132.7	0049	4L2		0.5-	1
133.0	0050	4L4	(10Q0)	0.5-	1
134.5	0051	4G4	(4E0)	0.5-	1

F. SAMPLES & ASSAYS (DHC20)

DRH: SAC208 UTM-N: 904,826.9 UTM-E: 592,313.9 UTM-ELEV: 1,278.1 TOTAL DEPTH: 224.6 SECTION: W 70  
 RFE: S2 RFE DIR: 230 PLUNGE 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	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
FROM	TO																				
76.7	77.6	05801	.9	.9	4D3	3.82	.39	3.40	3.00	60.00			.27	7	21	28					
77.6	78.4	05802	.8	.8	4L2	2.84	.09	.14	.03	4.00			.14	1	3	5					
78.4	80.0	05803	1.6	1.6	4C3	3.57	.23	1.08	.74	22.00			.34	4	16	20					
80.0	81.6	05804	1.6	1.6	4C3	3.87	.20	2.40	1.72	39.00			.55	3	25	28					
81.6	82.7	05805	1.1	1.1	4L2	3.09	.06	.83	.43	13.00			.21	1	10	12					
82.7	83.5	05806	.8	.8	4GC4	4.09	.18	6.70	8.30	109.00			.82	2	18	20					
83.5	84.2	05807	.7	.7	4D4	4.64	.22	5.80	8.70	99.00			6.58	3	32	35					
84.2	85.6	05808	1.4	1.4	4G4	4.45	.05	5.90	12.30	115.00			.75		16	17					
85.6	87.0	05809	1.4	1.4	4G4	4.47	.10	4.70	7.57	77.00			.41	1	10	12					
87.0	88.4	05810	1.4	1.4	4G4	4.50	.05	5.70	8.23	80.00			1.44		8	9					
125.5	126.4	05811	.9	.9	4E4	4.00	.24	3.40	4.50	55.00			1.99								
140.3	141.8	05812	1.5	1.5	4A0	3.00	.07	1.08	2.53	20.00			.34								
141.8	143.3	05813	1.5	1.3	4A0	2.92	.08	.51	.81	10.00			.34								
143.3	144.8	05814	1.5	1.5	4A0	2.83	.07	.68	1.23	12.00			.41								
144.8	146.3	05815	1.5	.9	4A0	2.87	.07	.95	1.95	16.00			.41								
146.3	147.7	05816	1.4	1.4	4A0	2.84	.07	.70	1.20	11.00			.41								
147.7	149.1	05817	1.4	1.4	4A0	2.82	.05	.63	1.25	11.00			.27	1	3	5					
149.1	150.5	05818	1.4	1.4	4A0	2.85	.07	.65	1.07	11.00			.21	1	4	6					
150.5	153.3	05819	2.8	1.8	4A0	2.86	.07	1.16	1.91	16.00	20.00		.34	1	3	5					
153.3	154.7	05820	1.4	1.4	4A0	2.77	.05	.31	.57	6.00			.27	1	3	4					
154.7	156.1	05821	1.4	1.4	4A0	2.86	.07	1.02	2.30	14.00			.48	1	3	5					
172.4	173.9	05823	1.5	1.5	4D3	3.49	.20	3.40	3.93	59.00			1.51	2	17	19					
173.9	175.3	05824	1.4	1.3	4C3	3.55	.25	.58	.85	14.00			1.44	1	19	21					
175.3	176.7	05825	1.4	1.4	4C3	3.52	.33	1.42	1.81	18.00			1.10	1	20	22					
176.7	178.1	05826	1.4	1.4	4C3	3.64	.27	.37	.84	18.00			1.51	1	24	25					
WEIGHTED AVERAGE																					
76.7	88.4		11.7	11.7		3.95	.15	3.58	5.06	60.37			.93	2	16	18					
125.5	126.4		.9	.9		4.00	.24	3.40	4.50	55.00			1.99								
140.3	156.1		15.8	14.0		2.86	.06	.80	1.52	13.03	3.54		.34		2	2					
172.4	178.1		5.7	5.6		3.54	.26	1.47	1.89	27.80			1.39	1	20	22					

CDH: FAGA20S UTM-N: 904,824.9 UTM-E: 592,313.9 UTM-ELEV: 1,273.1 TOTAL DEPTH: 224.6 SECTION: W 70  
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	190.000	0.000
70.200	157.000	101.000
100.700	166.000	103.000
137.200	164.000	108.000
167.600	162.000	110.000
198.100	162.000	89.000

UTM-N: 204,826.9 UTM-E: 592,313.9 UTM-ELEV: 1,272.1 TOTAL DEPTH: 224.6 SECTION: W 70  
 RFE: SB RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
67.1	0001			0.5-	1
73.4	0002	5B6		0.5-	1
76.0	0003	5D4	(5D4* [4L3])	0.5-	1
76.7	0004	4L0	MINOR PY. PO. STRINGERS	0.5-	1
77.6	0005	4D3	(4L0) GOUGE	0.5-	1
78.4	0006	4L2	4 MINOR	0.5-	1
81.6	0007	4C3	(4L0) MINOR	0.5-	1
82.7	0008	4L2	4 MINOR	0.5-	1
83.1	0009	4C0		0.5-	1
83.5	0010	4G4		0.5-	1
84.2	0011	4D4		0.5-	1
88.4	0012	4G4	(4D4) (4C0) 85:5:10	0.5-	1
92.3	0013	4L0	-> (5B6) (5A0) TR	0.5-	1
96.7	0014	5B0		0.5-	1
101.8	0015	5B8	(5D4*) (5D0)	0.5-	1
109.4	0016	5B0	(5D4*)	0.5-	1
110.0	0017	5D0		0.5-	1
114.9	0018	5B0		0.5-	1
115.6	0019	5B0		0.5-	1
118.2	0020	5D0		0.5-	1
119.7	0021	5D0		0.5-	1
120.2	0022	5B8		0.5-	1
121.0	0023	5B0		0.5-	1
125.5	0024	5A0		0.5-	1
126.4	0025	4E4	BXA	0.5-	1
127.7	0026	5A6	(4E0) TR.	0.5-	1
130.0	0027	5B2		0.5-	1
131.2	0028	5A6		0.5-	1
132.5	0029	5B0		0.5-	1
134.9	0030	5B8		0.5-	1
138.3	0031	5D0		0.5-	1
140.3	0032	5B6	(5B62)	0.5-	1
156.1	0033	4A0	BXA	0.5-	1
157.9	0034	4L2	(4L12) (5B0) (4AC) BOTH MINOR	0.5-	1
159.7	0035	4AC		0.5-	1
160.2	0036	5B0		0.5-	1
161.7	0037	5B0	?	0.5-	1
166.7	0038	5B0		0.5-	1
169.5	0039	5B0	?	0.5-	1
170.2	0040	5B6		0.5-	1
171.3	0041	4L2	(4L32)	0.5-	1
172.4	0042	5B6	?	0.5-	1
172.9	0043	4D3		0.5-	1
178.1	0044	4C3	BXA	0.5-	1
182.0	0045	5A0	-> 5B2	0.5-	1
185.1	0046	4D4	(4C7)	0.5-	1
185.7	0047	10QC		0.5-	1
220.1	0048	5B6		0.5-	1
221.4	0049	5D0	(5B6) TR	0.5-	1
223.3	0050	5B6		0.5-	1
223.8	0051	10QC		0.5-	1

CDH: FAGA203 UTM-N: 904,526.9 UTM-E: 592,313.9 UTM-ELEV: 1,270.1 TOTAL DEPTH: 224.6 SECTION: W 70  
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
224.6	OC52	586		0.5-	1

UTM-N: 004,324.0 UTM-E: 592,313.9 UTM-ELEV: 1,278.1 TOTAL DEPTH: 224.6 SECTION: W 70  
 RFF- S? RFE DIR: 230 PLUNGE ANGLES: 11 312 DHO CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	SC	ANGLE	DIRECT	S1	ANGLE	DIRECT	S2	ANGLE	DIRECT	RFE	CDE	DHCC	SDC	PROCESS
FAGA208	0.0	70.3	PS2			0	0	0	0		65	230	0			1	1	1
FAGA208	67.1	70.5	PS2	P		0	0	0	0		0	0	C			1	1	1
FAGA208	0.0	73.1	CS2			0	0	0	0		53	230	C			1	1	1
FAGA208	70.5	74.9	CS2	S		0	0	0	0		0	0	C			1	1	1
FAGA208	0.0	75.5	PS2			0	0	0	0		71	230	0			1	1	1
FAGA208	0.0	81.6	PS2			0	0	0	0		65	230	0			1	1	1
FAGA208	0.0	89.4	PS2			0	0	0	0		50	230	0			1	1	1
FAGA208	0.0	94.9	PS2			0	0	0	0		12	230	0			1	1	1
FAGA208	0.0	97.2	PS2			0	0	0	0		50	230	0			1	1	1
FAGA208	74.9	98.7	PS2	P		0	0	0	0		0	0	0			1	1	1
FAGA208	0.0	100.4	CS2			0	0	0	0		48	230	0			1	1	1
FAGA208	0.0	105.2	CS2			0	0	0	0		56	230	0			1	1	1
FAGA208	98.7	105.8	CS2	S		0	0	0	0		0	0	C			1	1	1
FAGA208	105.8	107.1	PS2	P		0	0	0	0		0	0	0			1	1	1
FAGA208	0.0	107.9	CS2			0	0	0	0		57	230	0			1	1	1
FAGA208	0.0	116.7	CS2			0	0	0	0		50	230	0			1	1	1
FAGA208	107.1	119.3	CS2	S		0	0	0	0		0	0	C			1	1	1
FAGA208	0.0	123.4	PS2			0	0	0	0		48	230	0			1	1	1
FAGA208	0.0	126.5	PS2			0	0	0	0		40	230	0			1	1	1
FAGA208	119.3	129.2	PS2	P		0	0	0	0		0	0	C			1	1	1
FAGA208	0.0	132.2	CS2			0	0	0	0		61	230	0			1	1	1
FAGA208	0.0	133.7	CS2			0	0	0	0		70	230	0			1	1	1
FAGA208	129.2	135.8	CS2	M		0	0	0	0		0	0	0			1	1	1
FAGA208	0.0	139.1	PS2			0	0	0	0		65	230	0			1	1	1
FAGA208	135.8	141.2	PS2	P		0	0	0	0		0	0	C			1	1	1
FAGA208	0.0	144.0	CS2			0	0	0	0		57	230	0			1	1	1
FAGA208	0.0	149.2	CS2			0	0	0	0		63	230	0			1	1	1
FAGA208	0.0	155.9	CS2			0	0	0	0		41	230	0			1	1	1
FAGA208	141.2	156.1	CS2	M		0	0	0	0		0	0	C			1	1	1
FAGA208	0.0	160.5	PS2			0	0	0	0		54	230	0			1	1	1
FAGA208	156.1	161.7	PS2	P		0	0	0	0		0	0	C			1	1	1
FAGA208	0.0	163.8	CS2			0	0	0	0		75	230	0			1	1	1
FAGA208	161.7	164.0	CS2	Z		0	0	0	0		0	0	C			1	1	1
FAGA208	0.0	170.1	PS2			0	0	0	0		83	230	0			1	1	1
FAGA208	0.0	176.0	PS2			0	0	0	0		73	230	0			1	1	1
FAGA208	0.0	188.6	PS2			0	0	0	0		31	230	0			1	1	1
FAGA208	0.0	199.2	PS2			0	0	0	0		34	230	0			1	1	1
FAGA208	164.0	202.2	PS2	P		0	0	0	0		0	0	C			1	1	1
FAGA208	0.0	203.7	CS2			0	0	0	0		39	230	0			1	1	1
FAGA208	0.0	210.0	CS2			0	0	0	0		54	230	0			1	1	1
FAGA208	0.0	214.3	CS2			0	0	0	0		33	230	0			1	1	1
FAGA208	0.0	219.7	CS2			0	0	0	0		40	230	0			1	1	1
FAGA208	202.2	221.4	CS2	Z		0	0	0	0		0	0	C			1	1	1
FAGA208	0.0	223.9	PS2			0	0	0	0		27	230	0			1	1	1
FAGA208	221.4	224.6	PS2	P		0	0	0	0		0	0	C			1	1	1

DDH: FAGA208 UTM-N: 904,326.9 UTM-E: 592,313.9 UTM-ELEV: 1,273.1 TOTAL DEPTH: 224.6 SECTION: W 70  
 RFE: 32 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	
FAGA208	75.4	76.6	S				0	0	0	0	1
FAGA208	77.2	77.6	X				0	0	0	0	1
FAGA208	78.7	78.8	X?				0	0	0	0	1
FAGA208	81.6	82.7	1S				0	0	0	0	1
FAGA208	82.7	83.0	X?				0	0	0	0	1
FAGA208	85.6	85.8	X?				0	0	0	0	1
FAGA208	86.8	88.0	X?				0	0	0	0	1
FAGA208	88.4	90.9	XG				0	0	0	0	1
FAGA208	92.2	92.3	G				0	0	0	0	1
FAGA208	92.3	93.0	S				0	0	0	0	1
FAGA208	93.0	98.7	1S				0	0	0	0	1
FAGA208	101.9	102.0	G				0	0	0	0	1
FAGA208	103.3	108.8	G				0	0	0	0	1
FAGA208	109.8	109.9	G				0	0	0	0	1
FAGA208	110.0	114.9	G				0	0	0	0	1
FAGA208	115.6	118.2	2S				0	0	0	0	1
FAGA208	119.7	120.2	1X				0	0	0	0	1
FAGA208	121.0	121.1	G				0	0	0	0	1
FAGA208	122.3	122.5	X				0	0	0	0	1
FAGA208	122.8	123.0	G				0	0	0	0	1
FAGA208	124.8	125.5	G				0	0	0	0	1
FAGA208	126.4	128.8	S				0	0	0	0	1
FAGA208	140.2	140.3	G				0	0	0	0	1
FAGA208	140.3	141.2	X				0	0	0	0	1
FAGA208	142.6	143.9	S				0	0	0	0	1
FAGA208	153.4	153.5	G				0	0	0	0	1
FAGA208	154.4	154.7	G				0	0	0	0	1
FAGA208	157.9	159.7	RP	1			0	0	0	0	1
FAGA208	160.2	161.7	G				0	0	0	0	1
FAGA208	168.7	169.5	G				0	0	0	0	1
FAGA208	171.5	172.4	G				0	0	0	0	1
FAGA208	173.9	174.1	X				0	0	0	0	1
FAGA208	174.7	174.9	X				0	0	0	0	1
FAGA208	178.3	178.6	X				0	0	0	0	1
FAGA208	182.0	185.1	P	1			0	0	0	0	1
FAGA208	190.2	190.6	S				0	0	0	0	1
FAGA208	195.9	197.0	S				0	0	0	0	1

DOWN HOLE SPLINES (CONTD)

FAGA208 UTM-N: 904,826.9 UTM-E: 592,313.9 UTM-ELEV: 1,272.1 TOTAL DEPTH: 204.5 SECTION: W 70  
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DMD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGA208	1	2
FAGA208	2	2
FAGA208	3	2
FAGA208	4	2
FAGA208	5	2
FAGA208	6	1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: B0-A208

Project: GLUM

Location: VANGORDA PLATEAU

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

Terr. Plane  
Co-ords.: 6904326.884 N

592313.869 E

Grid  
Co-ords.: 70W/BL

Elevation: 1278.18

Total Depth: 224.6 m

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

Logged by: PN Date(s) Logged: Nov. 10, 11 / 80

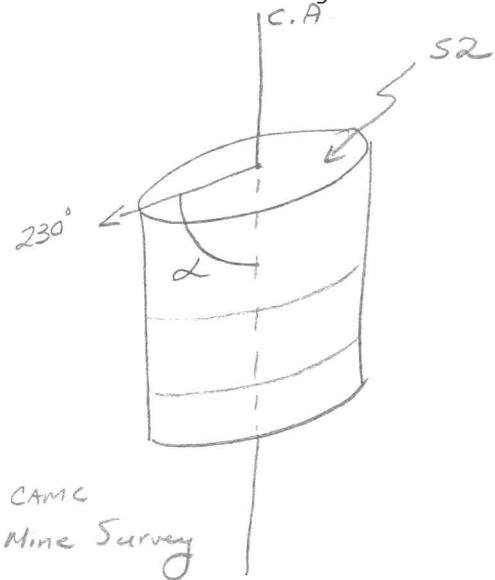
Drilling Contractor: \_\_\_\_\_ Core: \_\_\_\_\_ Size \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_ Collar Cased and Capped: \_\_\_\_\_

NQ 0 604

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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

Fabric Orientation Diagram:



All symmetry determinations looking

NW with 52 dipping

SW with dip azimuth 230.



Lithologic Log

Code	From	To	Unit	Code	Description
	10 14 16 20	22 23 25 27			
L	100	167	1		o/B ticoned;
L	167	173	2	5B16	min py blebs; calc. tension gash fillings;
L	173	176	3	5D0	buff-coloured 5D4 (4L3?) 73.4-73.8 m, 75.8-76.0 m; w/ massive chl. blebs 75.6-75.8 m; min py, po blebs;
L	176	176	4	4L0	min py, po stringers; sheared 76.4-76.6 m;
L	176	177	5	4C0	w/ min <sup>quartz</sup> 4C0 interbands; brecciated w/ 4C0 clasts in calc - qtz matrix 77.2-77.6 m;
L	177	178	6	4L2	min (1%) PbZn;
L	178	181	7	4C0	min 4C0 interbands; brecciated 78.7-78.8 m; as unit 5;
L	181	182	8	4L2	as unit 6; few min shear zones (usually near thick 4C0 interbands;
L	182	183	9	4C0	brecciated 82.7-83.0 m (qtzitic matrix); min PbZn;
L	183	183	10	4G4	10% PbZn; honey-coloured sph;
L	183	184	11	4D4	5% PbZn; orange-coloured sph;
L	184	188	12	4G4	8% PbZn; 4D4 84.3-84.5 m; brecciated, vuggy 4C0 w/ calc. mg fillings 85.6-85.8 m; 4C0 86.0-86.3 m; brecciated 86.8-88.0 m;
L	188	192	13	4L0	w/ 5B6 interbands; 5A0 90.0-90.1 m; breccia & gouge 88.4-90.9 m; gouge 92.2-92.3 m; 4L2 92.1-92.2 m;
L	192	198	14	5B0	sheared 92.5-93.0 m; other min shear zones;
L	198	199	15	5B8	5D4 100.6-100.7, 100.8-100.9 m; 5D0 (massive) 100.7-100.8 m;
L	199	199	16	5B0	5D4 (massive, bleached) 102.4-102.5 m; calcareous tension gash fillings; gouge 101.9-102.0 m; 108.3-108.8 m;
L	199	199	17	5D0	gouge 109.8-109.9 m;
L	199	199	18	5B0	gouge
L	199	199	19	5B0	as unit 16;
L	199	199	20	5D0	sheared in scattered areas (60% shear);
L	199	199	21	5D0	5F: massive; lighter, altered colour towards E0H;
L	199	199	22	5B8	somewhat brecciated;

Code	From	To	Unit	Code	Description
1	10	14 16 20	22 23 25 27		
L	11210	2 11211	0 24	5B0	calc. tension gash fillings;
L	11210	1125	5 24	5A10	4L1 122.1 - 122.5 m; brecciated 122.3 - 122.5 m
					w/ minor py, PbZn fracture fillings; gouge
					121.0 - 121.1 m; 122.8 - 123.0, 124.6 - 125.5 m
L	11255	11264	25 26	4E10	brecciated w/ py, qtz, graphitic clasts;
L	11264	11277	26 27	5A16	minor py bands; sheared; minor 4E0 at 125.5 m;
L	11277	11300	27 28	5B2	sheared 127.7 - 128.8 m;
L	11300	11312	28 29	5A16	as unit 26;
L	11312	11325	29 30	5B10	
L	11325	11349	30 31	5B8	
L	11349	11383	31 32	5D10	
L	11383	11403	32 33	5B16	5B62; calc.-qtz bands 139.8 - 140.2 m;
					gouge 140.2 - 140.3 m;
L	11403	11561	33 34	4A3	brecciated w/ qtz-py clasts & graphitic matrix
					140.3 - 141.2 m (unsorted, subangular clasts);
					sheared 142.6 - 143.9 m; 4L1 149.1 - 149.3 m;
					153.3 - 153.5 m; gouge 153.4 - 153.5 m; 154.4 -
					154.7 m;
L	11561	11579	34 35	4L12	4L12; minor 5B0 interbands; 4A0 157.4 - 157.6 m;
L	11579	11597	35 36	4A3	pebbles; poor recovery - 0.3/1.8 m;
L	11597	11602	36 37	5B10	few qtz veins; minor py bands;
L	11602	11617	37 38	5B10	gouge;
L	11617	11667	38 39	5B0	as unit 36;
L	11667	11695	39 40	5B10	gouge
L	11695	11702	40 41	5B16	
L	11702	11713	41 42	4L12	4L32;
L	11713	11724	42 43	5B16	gouge 171.5 - 172.4 m; minor py blebs;
L	11724	11729	43 44	4D4	15% PbZn;
L	11729	11781	44 45	4C10	brecciated 173.9 - 174.1 m; 174.7 - 174.9 m (4C0 clasts
					& graphitic matrix);
L	11781	11820	45 46	5A10	slightly calcareous; → SB2 towards EOH;
					brecciated 178.3 - 178.6 m; PbZn band at
					178.3 m (0.5 cm thick);
L	11820	11851	46 47	4D4	4C7 185.0 - 185.1 m; 15 - 20% PbZn; poor recovery
					0.3/3.1 m;
L	11851	11857	47 48	0Q0	



Structural Log

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				
S			1703		PSZ		65 230	
S			725		FZP			S sym. 70.5 - 74.9m;
S			731		CSZ		53 230	
S			749		FZS			R region 74.9 - 90.3m; 75% mass. Sulph;
S			755		PSZ		71 230	
S			816		PSZ		65 230	
S			894		FZP		50 230	
S			903		FZR			P region 90.3 - 98.7m;
S			949		PSZ		12 230	
S			972		PSZ		50 230	
S			987		FZP			S sym. 98.7 - 105.8m;
S			1004		CSZ		48 230	
S			1052		CSZ		56 230	
S			1058		FZS			P region 105.8 - 107.1m;
S			1071		FZP			S sym. 107.1 - 119.3m;
S			1079		CSZ		57 230	
S			1116		CSZ		50 230	
S			1193		FZS			R region 119.3 - 127.6m;
S			1234		PSZ		48 230	
S			1265		PSZ		40 230	
S			1276		FZR			P region 127.6 - 129.2m;
S			1292		FZP			M region 129.2 - 135.8m; s/z = 1/1;
S			1322		CSZ		61 230	
S			1337		CSZ		70 230	
S			1358		FZM			R region 135.8 - 141.2m;
S			1391		PSZ		65 230	
S			1412		FZR			M region 141.2 - 156.1m; s/z = 4/6;
S			1440		CSZ		57 230	
S			1492		CSZ		63 230	
S			1559		CSZ		41 230	
S			1561		FZM			R region 156.1 - 161.7m;
S			1605		PSZ		54 230	
S			1617		FZR			S sym. 161.7 - 164.0m;

Code	From		To		Feature	S <sub>1</sub> Dip Direct.	S <sub>2</sub> Dip Direct.		Description
	10	14	16	20			32	34	
S			11638		QSZ		75	230	
S			11640		F2Z				P region 164.0 - 166.7m;
S			11667		F2P				R region 166.7 - 178.1m;
									60% massive sulph ; 20% gangue;
S			11701		P5Z		83	230	
S			11716		OPSZ		73	230	
S			11781		F2R				P region 178.1 - 182.0m;
S			11820		F2P				R region 182.0 - 185.8m;
									75% massive sulph ; 25% gangue;
S			11858		F2R				P region 185.8 - 202.2m;
S			11896		PSZ		31	230	
S			11992		PSZ		34	230	
S			2022		F2P				Z sym. 202.2 - 221.4m;
S			21037		CSZ		39	230	
S			21100		CSZ		54	230	
S			21143		CSZ		38	230	
S			21197		CSZ		40	230	
S			2214		F2Z				R region 221.4 - 224.6m;
S			2239		PSZ		27	230	
			EGH						



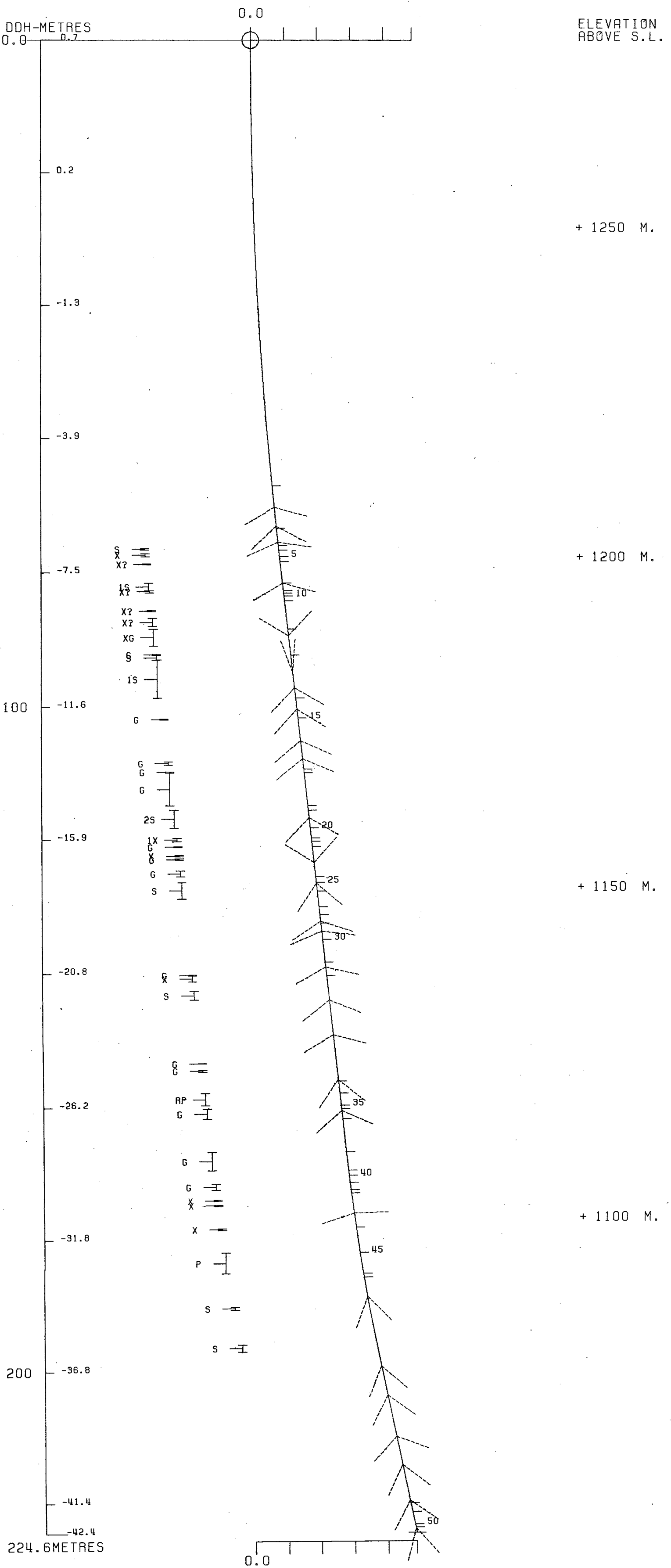
Structural Log

M

Code	From		To		Feature	SYM	S <sub>0</sub>		S <sub>1</sub>		S <sub>2</sub>		Description
	10	14	16	20			22	24	26	28	32	34	
F		764		766	S								
F		772		776	X								
F		787		788	X?								
F		816		827	IS								
F		827		830	X?								
F		856		858	X?								
F		868		880	X?								
F		884		909	XG								
F		922		923	G								
F		923		930	S								
F		930		987	IS								
F		1019		1020	G								
F		1083		1088	G								
F		1098		1099	G								
F		1100		1149	S								
F		1156		1182	2S								
F		1197		1202	X								
F		1223		1225	X								
F		1210		1211	G								
F		1228		1230	G								
F		1246		1255	G								
F		1264		1288	S								
F		1402		1403	G								
F		1403		1412	X								
F		1426		1439	S								
F		1534		1535	G								
F		1544		1547	G								
F		1579		1597	R.P.	1							
F		1602		1617	G								
F		1667		1695	G								
F		1715		1724	G								
F		1739		1741	X								
F		1747		1749	X								
F		1783		1786	X								
F		1820		1851	P.	1							
F		1902		1906	S								
F		1959		1970	S								

# DDH: FAGA208 -- 42 DEGREE PROFILE ( VIEW AZIMUTH = 312 DEGREES )

ELEV:1278      592314E ; 904827N  
 PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0  
 CORRECTED COLLAR POSITION: X = 382.7 Z = 1278.2  
 SECTION NAME: 70W



# DDH: FAGA208 -- 42 DEGREE PROFILE

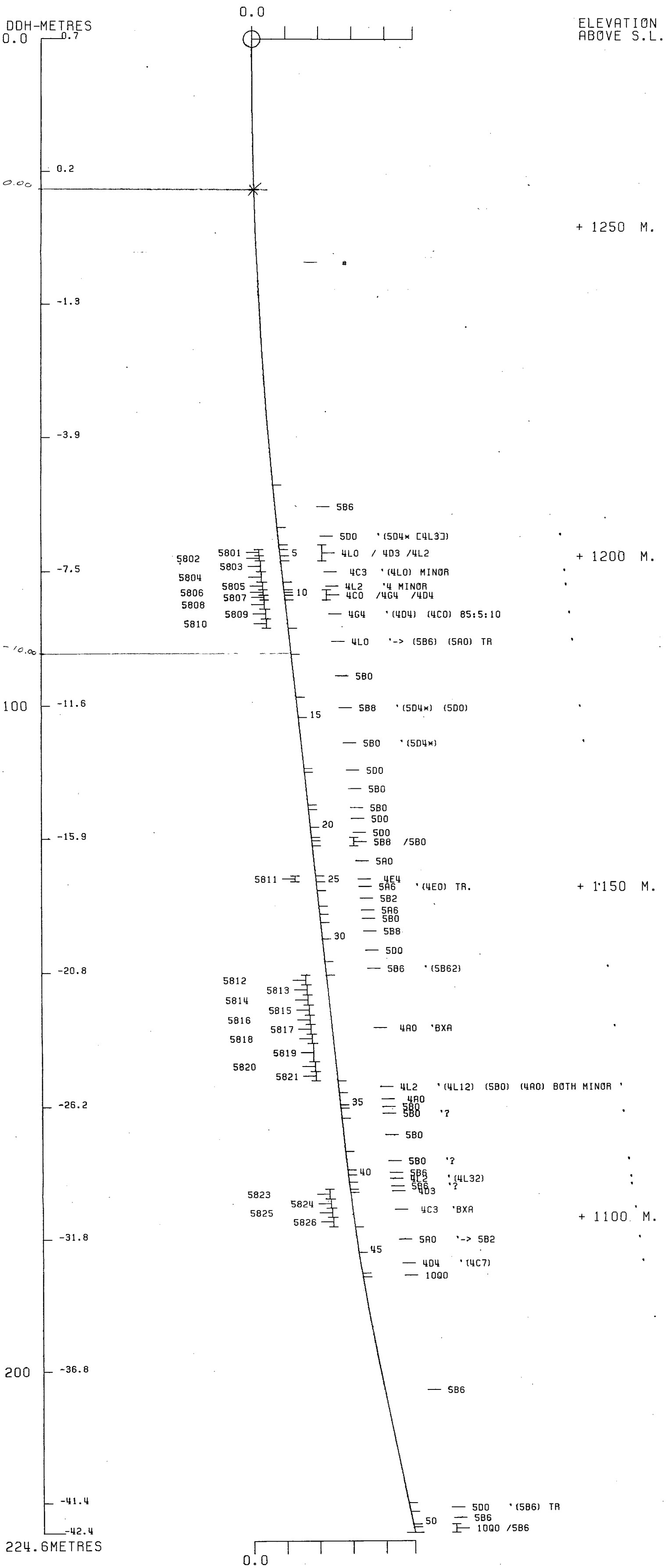
( VIEW AZIMUTH = 312 DEGREES )

ELEV:1278 592314E ; 904827N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

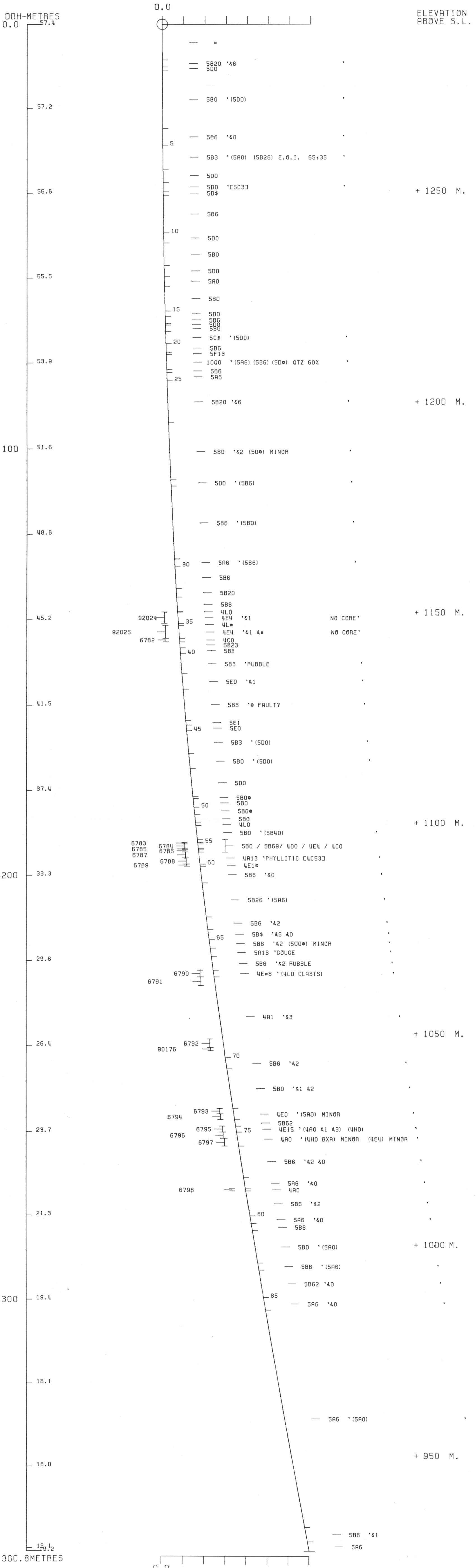
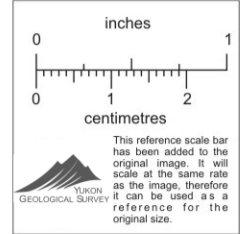
CORRECTED COLLAR POSITION: X = 382.7 Z = 1278.2

SECTION NAME: 70W

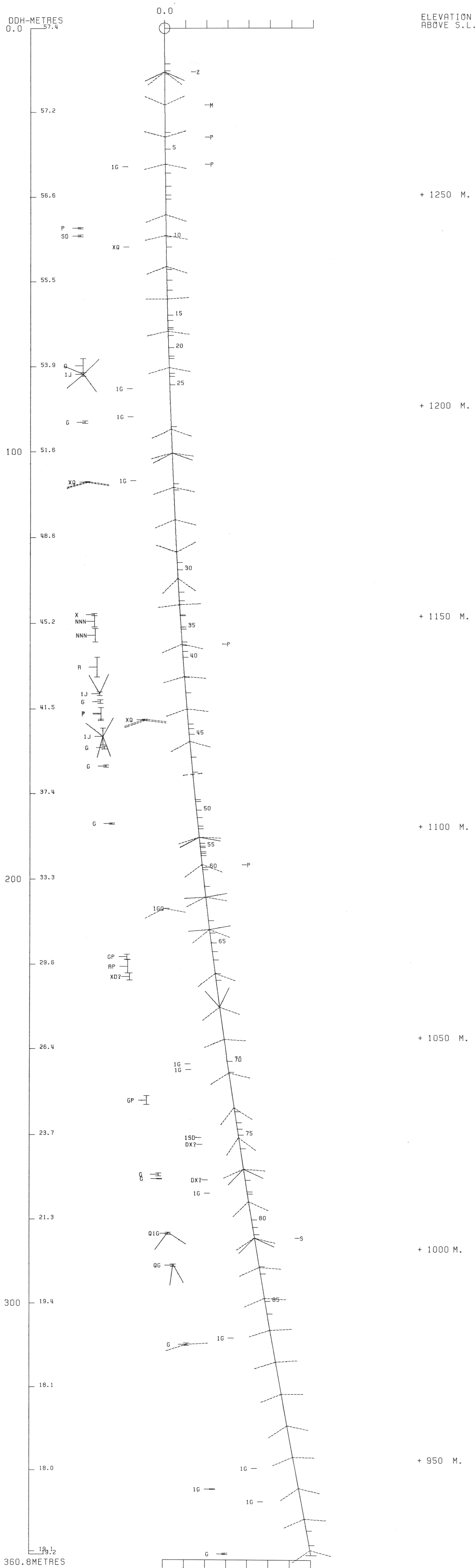
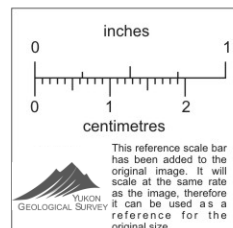


DDH: FAGA083 -- 42 DEGREE PROFILE  
 ( VIEW AZIMUTH = 312 DEGREES )

ELEV: 1279 592225E ; 904813N  
 PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0  
 CORRECTED COLLAR POSITION: X = 312.7 Z = 1289.7  
 SECTION NAME: 70W



DDH: FAGA083 -- 42 DEGREE PROFILE  
 ( VIEW AZIMUTH = 312 DEGREES )  
 ELEV: 1279 592225E ; 904813N  
 PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0  
 CORRECTED COLLAR POSITION: X = 312.7 Z = 1289.7  
 SECTION NAME: 70W



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