

GRUM

014974

68W B

KZ

75 A074

84/10/16

GRUM DATABASE - QUIZ REPORT

PAGE 1

DDH	SAMPLE	---DEPTHS---	INT	REC	ROCK	S.G.	CU	PB	ZN	AG	AU	PO	PY	BAO	PB+ZN	PO+PY	ZN
		FROM	TO	M	X	UNIT	X	X	X	G/MT	G/MT	X	X	X	X	X	RATIO
FAGA074	5001	93.9	95.4	1.5	100	4L0	2.90	.25	.25	.22	9.0	.14			.47		.47
	5002	95.4	96.8	1.4	100	4CL	3.22	.25	.86	.52	16.0	.14			1.38		.38
	5003	96.8	98.2	1.4	100	4E4	3.79	.22	2.13	2.35	32.0	.55			4.48		.52
	5004	98.5	100.0	1.5	100	4C3	3.85	.20	2.83	1.02	43.0	1.85			3.85		.26
	5005	100.0	101.5	1.5	100	4C3	3.69	.24	.40	.30	17.0	.55			.70		.43
	5006	101.5	103.0	1.5	100	4C3	3.40	.33	.14	.22	14.0	.41			.36		.61
	5007	103.0	104.5	1.5	93	4C3	3.59	.40	.66	.34	21.0	1.10			1.00		.34
	5008	104.5	106.1	1.6	81	4C3	3.64	.38	.11	.13	8.0	1.44			.24		.54
	5009	106.1	107.6	1.5	100	4C3	3.91	.57	.09	.18	11.0	1.58			.27		.67
	5010	107.6	109.1	1.5	100	4C3	3.79	.40	.10	.22	11.0	1.10			.32		.69
	5011	109.1	110.6	1.5	100	4C3	3.91	.52	.14	.40	11.0	.96			.54		.74
	5012	110.6	112.2	1.6	100	4C3	3.53	.25	.10	.40	10.0	.69			.50		.80
	5013	112.2	114.3	2.1	100	4LA	3.03	.13	.12	.51	7.0	.21			.63		.81
	5014	157.1	158.7	1.6	100	4C3	3.31	.20	.75	.61	15.0	.48			1.36		.45
	5015	160.3	161.5	1.2	100	4C8	3.67	.26	2.15	2.37	30.0	.69			4.52		.52
	5016	161.5	162.9	1.4	100	408	3.97	.22	3.27	3.34	43.0	1.03			6.61		.51
	5017	162.9	164.3	1.4	100	4A3	3.36	.18	.23	.24	7.0	.55			.47		.51
	5018	164.3	165.5	1.2	100	4A3	3.48	.19	.14	.15	14.0	.62			.29		.52
	5019	165.5	166.7	1.2	100	4A3	3.36	.17	.17	.12	8.0	.55			.29		.41
	5020	166.7	167.9	1.2	100	4A3	3.57	.16	.06	.05	11.0	.62			.11		.45
	5021	167.9	169.2	1.3	100	4A3	3.34	.24	.14	.26	13.0	.62			.40		.65
	5022	169.2	170.4	1.2	75	4A3	3.31	.24	.18	.36	14.0	.55			.54		.67
	5023	170.4	171.3	.9	67	4A3	3.34	.16	.16	.26	11.0	.41			.42		.62
	5024	171.3	172.8	1.5	100	4L0	3.04	.09	.10	.16	7.0	.27			.26		.62
	5025	172.8	174.1	1.3	100	4L0	3.20	.14	2.08	2.22	27.0	.34			4.30		.52
	5026	174.1	175.3	1.2	100	4G4	4.07	.19	4.40	5.83	70.0	1.03			10.23		.57
	5027	175.3	176.6	1.3	100	4C3	3.47	.31	.19	.26	6.0	.69			.41		.63
	5028	178.3	179.8	1.5	100	4C3	3.41	.28	.20	.57	6.0	.48			.77		.74
	5029	179.8	181.3	1.5	100	4C3	3.63	.31	.23	.50	5.0	.48			.73		.68
	5030	181.4	183.0	1.6	100	4C3	3.81	.37	.11	.29	8.0	.55			.40		.73
	5031	183.0	184.6	1.6	100	4C3	3.50	.44	.41	.71	12.0	.69			1.12		.63
	5032	185.0	186.9	1.9	100	4C3	3.57	.11	1.43	2.61	21.0	1.17			4.04		.65
	5033	187.9	189.4	1.5	100	4A3	3.52	.31	.12	.38	12.0	.48			.50		.76
	5034	189.4	191.1	1.7	100	4A3	3.31	.18	.10	.13	9.0	.75			.23		.57
	5035	191.1	192.6	1.5	100	4A0	3.23	.15	.31	.16	11.0	.69			.47		.34
	5036	192.6	194.3	1.7	100	4A0	3.24	.18	.17	.25	9.0	.55			.42		.60
	5037	194.3	195.8	1.5	100	4A0	3.24	.12	.40	.14	13.0	.62			.54		.26
	5038	195.8	197.5	1.7	100	4A3	3.37	.17	.43	.08	17.0	.75			.51		.16
	5039	197.5	199.0	1.3	100	4A3	3.48	.28	.09	.25	12.0	.48			.34		.74
	5040	199.0	200.6	1.6	100	4A3	3.41	.22	.09	.22	8.0	.48			.31		.71
	5041	200.6	202.1	1.5	100	4A3	3.50	.27	.07	.24	9.0	.55			.31		.77
	5042	202.1	203.6	1.5	100	4A3	3.31	.18	.40	.18	12.0	.75			.58		.31
	5043	203.6	205.1	1.5	100	4A3	3.44	.21	.21	.19	11.0	.48			.40		.48
	5044	205.1	206.7	1.6	69	4A4	3.79	.20	2.69	2.98	40.0	.62			5.67		.53
	5045	206.7	208.2	1.5	100	4A3	3.33	.18	.28	.15	11.0	.75			.43		.35
	5046	208.2	209.7	1.5	100	4A3	3.32	.24	.27	.23	10.0	.55			.50		.46
	5047	209.7	210.9	1.2	100	4A0	3.25	.15	.50	.74	12.0	.34			1.24		.60
	5048	210.9	212.0	1.1	100	4A4	4.37	.16	6.63	7.73	100.0	.82			14.36		.54
	5049	212.0	213.4	1.4	100	4L5	2.96	.02	.18	.18	5.0	.14			.36		.50
	5050	213.4	214.6	1.2	100	4L5	3.24	.20	1.62	1.12	23.0	.34			2.74		.41
	5101	223.3	224.8	1.5	100	4C7	3.50	.28	1.57	1.36	22.0	.07			2.93		.46
	5102	290.5	292.0	1.5	60	4C3	3.43	.02	.11	.07	5.0	.07			.18		.39
	5103	292.0	293.4	1.4	64	4C3	3.48	.01	.04	.02	4.0	.07			.06		.33

DRILL HOLE : FAGA074
NORTHING : 904,732.8
EASTING : 592,313.3
ELEVATION : 1,272.9
TOTAL DEPTH : 323.1
SECTION : W 68
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORC COUNTS:

NOS CRE-SAMPLES: 53
NOS DOWN-H-SURVEYS: 5
NOS DOWN-H-LITHOLOGY: 51
NOS DOWN-H-STRUCTURE: 70
NOS DOWN-H-FAULTS: 20
NOS DOWN-H-SPLINES: 5
NOS COMPOSITES: 0

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DOWN-HOLE SURVEYS (DH02C)

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DDH: FAGA074 UTM-N: 904,732.8 UTM-E: 592,313.3 UTM-ELEV: 1,272.9 TOTAL DEPTH: 323.1 SECTION: W 68
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 OHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
61.600	175.000	111.500
122.500	172.000	71.900
183.500	168.000	60.500
244.500	163.000	59.500

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DOWN-HOLE LITHOLOGY (DHC20)

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CDH: FAGA074 UTM-N: 904,732.8 UTM-E: 592,313.3 UTM-ELEV: 1,272.9 TOTAL DEPTH: 323.1 SECTION: W 68
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
12.2	OCC1	#		0.5-	1
15.5	OCC2	5BC	(4L0) MINCR	0.5-	1
30.3	OCC3	5BC		0.5-	1
31.0	OCC4	10C		0.5-	1
43.6	OCC5	5B0		0.5-	1
48.0	OCC6	5BC	(4L5) SHEARED	0.5-	1
49.2	OCC7	5B6		0.5-	1
49.7	OCC8	5BC	GOUGE	0.5-	1
52.7	OCC9	4L5		0.5-	1
93.9	OC10	5B0	(4L0)	0.5-	1
95.4	OC11	4LC		0.5-	1
96.0	OC12	4C0		0.5-	1
96.8	OC13	4LC		0.5-	1
98.2	OC14	4E4	8 MINDR	0.5-	1
98.5	OC15	4L3		0.5-	1
112.2	OC16	4C3	BXA [4E1 BXA]	0.5-	1
112.9	OC17	4L0	[5D4#]?	0.5-	1
114.3	OC18	4AC		0.5-	1
147.6	OC19	5B0		0.5-	1
149.8	OC20	4L5	[5D4]?	0.5-	1
151.5	OC21	5B0		0.5-	1
157.1	OC22	4L5	[5D4]?(5B0)	0.5-	1
158.7	OC23	4C3		0.5-	1
160.3	OC24	5B0		0.5-	1
162.9	OC25	4C8	(4D8) E.O.I.	0.5-	1
171.3	OC26	4A3		0.5-	1
174.1	OC27	4LC	(4C0)	0.5-	1
175.3	OC28	4G4		0.5-	1
176.6	OC29	4C3		0.5-	1
178.3	OC30	4L5	[5D4*]?	0.5-	1
184.6	OC31	4C3	(4L5 [5D4*]?)	0.5-	1
186.9	OC32	4C3	(4L5 [5D4*]?)	0.5-	1
187.9	OC33	4L5	[5D4*]	0.5-	1
212.0	OC34	4AC	83(4L5[5D4*]?) (4A4)CCI, EOI	0.5-	1
214.6	OC35	4L5	[5D4*]?	0.5-	1
215.4	OC36	5BC		0.5-	1
223.3	OC37	5DC		0.5-	1
224.8	OC38	4C7		0.5-	1
229.3	OC39	5B6	(4C0)	0.5-	1
236.8	OC40	5A0	(5B0)	0.5-	1
254.5	OC41	5B6		0.5-	1
258.3	OC42	5AC		0.5-	1
260.1	OC43	4CC	(5B0)	0.5-	1
275.5	OC44	5B0	(5A0) (4L0)	0.5-	1
278.6	OC45	5AC		0.5-	1
290.5	OC46	5BC		0.5-	1
293.4	OC47	4C3	3 BXA [4E1 & BXA]	0.5-	1
304.1	OC48	5AC		0.5-	1
313.5	OC49	4LC		0.5-	1
315.8	OC50	5DC		0.5-	1
323.1	OC51	5BC	BIO	0.5-	1

DDH: FAGA074 UTM-N: 904,732.8 UTM-E: 592,313.3 UTM-ELEV: 1,272.9 TOTAL DEPTH: 323.1 SECTION: W 68
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0	ANGLE	DIRECT	S1	ANGLE	DIRECT	S2	ANGLE	DIRECT	RFE	CDE	DHCC	SDC	PROCESS
FAGA074	0.0	15.4	CS2		0		0	0		0	73		230	C		1	1	1
FAGA074	12.2	16.2	CS2	S	C		0	C		0	0		0	C		1	1	1
FAGA074	0.0	17.6	PS2		0		0	0		0	64		230	C		1	1	1
FAGA074	16.2	17.7	PS2	P	C		0	C		0	0		0	C		1	1	1
FAGA074	0.0	18.3	CS2		0		0	0		0	59		230	C		1	1	1
FAGA074	0.0	25.0	CS2		0		0	0		0	64		230	C		1	1	1
FAGA074	17.7	30.3	CS2	S	0		0	0		0	0		0	C		1	1	1
FAGA074	0.0	32.6	CS2		0		0	0		0	35		230	C		1	1	1
FAGA074	0.0	38.8	CS2		0		0	0		0	60		230	C		1	1	1
FAGA074	0.0	45.6	CS2		C		0	0		0	35		230	C		1	1	1
FAGA074	0.0	51.5	CS2		0		0	0		0	25		230	0		1	1	1
FAGA074	0.0	58.4	CS2		0		0	0		0	60		230	C		1	1	1
FAGA074	0.0	63.2	CS2		0		0	0		0	55		230	C		1	1	1
FAGA074	0.0	68.4	CS2		0		0	0		0	79		230	C		1	1	1
FAGA074	0.0	74.9	CS2		C		0	0		0	60		230	C		1	1	1
FAGA074	0.0	80.7	CS2		0		0	0		0	50		230	C		1	1	1
FAGA074	0.0	86.1	CS2		0		0	0		0	60		230	C		1	1	1
FAGA074	0.0	91.4	CS2		0		0	0		0	60		230	C		1	1	1
FAGA074	31.0	93.9	CS2	S	C		0	0		0	0		0	C		1	1	1
FAGA074	93.9	112.2	PS2	P	0		0	0		0	0		0	C		1	1	1
FAGA074	0.0	112.4	CS2		0		0	0		0	69		230	C		1	1	1
FAGA074	112.2	112.9	CS2	S	0		0	0		0	0		0	C		1	1	1
FAGA074	112.9	114.3	PS2	P	0		0	0		0	0		0	C		1	1	1
FAGA074	0.0	118.1	CS2		0		0	0		0	67		230	0		1	1	1
FAGA074	0.0	120.6	CS2		0		0	0		0	40		230	C		1	1	1
FAGA074	0.0	129.0	CS2		0		0	0		0	46		230	C		1	1	1
FAGA074	0.0	135.2	CS2		0		0	0		0	66		230	C		1	1	1
FAGA074	0.0	140.3	CS2		0		0	0		0	69		230	C		1	1	1
FAGA074	0.0	147.5	CS2		0		0	0		0	65		230	0		1	1	1
FAGA074	0.0	152.9	CS2		0		0	0		0	68		230	C		1	1	1
FAGA074	0.0	157.0	CS2		0		0	0		0	77		230	C		1	1	1
FAGA074	114.3	157.1	CS2	M	0		0	0		0	0		0	C		1	1	1
FAGA074	157.1	158.7	PS2	P	C		0	0		0	0		0	C		1	1	1
FAGA074	0.0	159.9	CS2		C		0	0		0	69		230	C		1	1	1
FAGA074	158.7	160.3	CS2	S	C		0	0		0	0		0	C		1	1	1
FAGA074	0.0	165.4	PS2		0		0	0		0	55		230	C		1	1	1
FAGA074	160.3	176.6	PS2	P	0		0	0		0	0		0	C		1	1	1
FAGA074	0.0	177.4	CS2		0		0	0		0	31		230	C		1	1	1
FAGA074	176.6	178.3	CS2	S	C		0	0		0	0		0	C		1	1	1
FAGA074	0.0	184.6	PS2		C		0	0		0	60		230	C		1	1	1
FAGA074	178.3	186.9	PS2	P	0		0	0		0	0		0	C		1	1	1
FAGA074	0.0	187.8	CS2		0		0	0		0	73		230	C		1	1	1
FAGA074	186.9	187.9	CS2	S	0		0	0		0	0		0	C		1	1	1
FAGA074	187.9	212.0	PS2	P	0		0	0		0	0		0	C		1	1	1
FAGA074	0.0	212.2	CS2		C		0	0		0	61		230	0		1	1	1
FAGA074	0.0	220.6	CS2		C		0	0		0	69		230	C		1	1	1
FAGA074	220.6	223.3	CS2	S	C		0	0		0	0		0	C		1	1	1
FAGA074	223.3	224.8	PS2	P	0		0	0		0	0		0	C		1	1	1
FAGA074	0.0	226.0	CS2		C		0	0		0	64		230	C		1	1	1
FAGA074	0.0	233.4	CS2		0		0	0		0	63		230	0		1	1	1
FAGA074	224.8	233.5	CS2	S	C		0	0		0	0		0	C		1	1	1

DDH: FAGA074 UTM-N: 904,732.8 UTM-E: 592,313.3 UTM-ELEV: 1,272.9 TOTAL DEPTH: 323.1 SECTION: W 68
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	DIRECT	S1 ANGLE	DIRECT	S2 ANGLE	DIRECT	RFE	CDE	DHDC	SDC	PROCESS
FAGAC74	233.5	235.3	PS2	P	0	0	0	C	0	C	C		1	1	1
FAGA074	0.C	235.5	CS2		0	0	0	C	72	23C	C		1	1	1
FAGA074	0.C	241.9	CS2		C	0	0	C	75	23C	C		1	1	1
FAGA074	0.C	245.9	CS2		C	0	0	C	63	230	C		1	1	1
FAGAC74	0.C	251.4	CS2		C	0	0	C	66	23C	C		1	1	1
FAGAC74	0.C	257.3	CS2		0	C	0	C	70	230	C		1	1	1
FAGAC74	0.C	263.5	CS2		0	0	0	C	73	230	C		1	1	1
FAGAC74	0.C	271.7	CS2		0	C	0	C	68	23C	C		1	1	1
FAGAC74	0.0	277.1	CS2		C	0	0	C	70	23C	C		1	1	1
FAGAC74	0.C	283.2	CS2		0	0	0	C	71	230	C		1	1	1
FAGAC74	0.C	287.3	CS2		0	C	0	C	58	230	C		1	1	1
FAGAC74	235.3	290.5	CS2	S	C	0	0	C	0	0	C		1	1	1
FAGAC74	290.5	293.4	PS2	P	C	0	0	0	0	0	C		1	1	1
FAGA074	0.C	302.7	CS2		0	0	0	0	62	23C	C		1	1	1
FAGAC74	0.C	309.5	CS2		0	C	0	C	68	230	C		1	1	1
FAGAC74	0.C	315.6	CS2		C	0	0	C	76	230	0		1	1	1
FAGAC74	0.C	321.6	CS2		0	0	0	0	69	230	C		1	1	1
FAGAC74	0.C	323.1	CS2		0	0	0	0	66	230	C		1	1	1
FAGAC74	290.5	323.1	CS2	S	0	0	0	C	0	0	C		1	1	1

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DOWN-HOLE FAULTS (DHO20)

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DDH: FAGA074 UTM-N: 904,732.8 UTM-E: 592,313.3 UTM-ELEV: 1,272.9 TOTAL DEPTH: 323.1 SECTION: W 68
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	REC	CD	PARLL	UPPER PLANE	INTERNAL PLANE	LOWER PLANE	D+D		
FAGAC74	30.3	30.9	Q			0	0	C	C	0	0	1
FAGAO74	43.5	47.9	3S			0	0	C	C	0	0	1
FAGAO74	49.2	49.6	3G			0	0	C	C	0	0	1
FAGAO74	60.9	63.0	G			0	0	C	C	0	0	1
FAGAC74	80.7	81.2	G			0	0	C	C	0	0	1
FAGAC74	86.2	86.5	G			0	0	C	C	0	0	1
FAGAC74	98.4	112.1	XD?			0	0	C	C	0	0	1
FAGAC74	114.3	115.8	G			0	0	C	C	0	0	1
FAGAC74	116.7	118.0	G			0	0	C	C	0	0	1
FAGAO74	131.3	132.5	G			0	0	C	C	0	0	1
FAGAC74	225.7	225.8	G			0	0	C	C	0	0	1
FAGAC74	0.C	233.9	1G			0	0	C	C	0	0	1
FAGAO74	249.3	249.6	G			0	0	C	C	0	0	1
FAGAO74	258.0	258.3	G			0	0	C	C	0	0	1
FAGAO74	286.5	287.1	G			0	0	C	C	0	0	1
FAGAO74	288.9	290.4	NP			0	0	C	C	0	0	1
FAGAO74	292.6	292.9	G			0	0	C	C	0	0	1
FAGAO74	290.4	293.3	XD?			0	0	C	C	0	0	1
FAGAC74	299.4	300.5	G			0	0	C	C	0	0	1
FAGAO74	304.1	313.5	QXD			0	0	C	C	0	0	1

21FEB84 GRUM

DOWN-HOLE SPLINES (DH020)

PAGE: 33

DDH: FAGA074 UTM-N: 904,732.8 UTM-E: 592,313.3 UTM-ELEV: 1,272.9 TOTAL DEPTH: 323.1 SECTION: W 68
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH SEGMENT NOS CONO INDICATOR

FAGAC74	1	2
FAGAC74	2	2
FAGAC74	3	2
FAGAC74	4	2
FAGAC74	5	1

84/10/16

GRUM DATABASE - QUIZ REPORT

PAGE 1

DDH	SAPPLE	---DEPTHS---		INT M	REC %	ROCK UNIT	S.G.	CU %	PB %	ZN %	AG G/MT	AU G/MT	PO %	PY %	BAO %	PB+ZN %	PO+PY %	ZN RATIO
		FROM	TO															
FAGA074	5001	93.9	95.4	1.5	100	4L0	2.90	.25	.25	.22	9.0	.14				.47		.47
	5002	95.4	96.8	1.4	100	4CL	3.22	.25	.86	.52	16.0	.14				1.38		.38
	5003	96.8	98.2	1.4	100	4E4	3.79	.22	2.13	2.35	32.0	.55				4.48		.52
	5004	98.5	100.0	1.5	100	4C3	3.85	.20	2.83	1.02	43.0	1.85				3.85		.26
	5005	100.0	101.5	1.5	100	4C3	3.69	.24	.40	.30	17.0	.55				.70		.43
	5006	101.5	103.0	1.5	100	4C3	3.40	.33	.14	.22	14.0	.41				.36		.61
	5007	103.0	104.5	1.5	93	4C3	3.59	.40	.66	.34	21.0	1.10				1.00		.34
	5008	104.5	106.1	1.6	81	4C3	3.64	.38	.11	.13	8.0	1.44				.24		.54
	5009	106.1	107.6	1.5	100	4C3	3.91	.57	.09	.18	11.0	1.58				.27		.67
	5010	107.6	109.1	1.5	100	4C3	3.79	.40	.10	.22	11.0	1.10				.32		.69
	5011	109.1	110.6	1.5	100	4C3	3.91	.52	.14	.40	11.0	.96				.54		.74
	5012	110.6	112.2	1.6	100	4C3	3.53	.25	.10	.40	10.0	.69				.50		.80
	5013	112.2	114.3	2.1	100	4LA	3.03	.13	.12	.51	7.0	.21				.63		.81
	5014	114.3	116.4	2.1	100	4C3	3.31	.20	.75	.61	15.0	.48				1.36		.45
	5015	116.4	118.5	1.6	100	4C3	3.67	.26	2.15	2.37	30.0	.69				4.52		.52
	5015	160.3	161.5	1.2	100	4C8	3.67	.26	2.15	2.37	30.0	.69				4.52		.52
	5016	161.5	162.9	1.4	100	4D8	3.97	.22	3.27	3.34	43.0	1.03				6.61		.51
	5017	162.9	164.3	1.4	100	4A3	3.36	.18	.23	.24	7.0	.55				.47		.51
	5018	164.3	165.5	1.2	100	4A3	3.48	.19	.14	.15	14.0	.62				.29		.52
	5019	165.5	166.7	1.2	100	4A3	3.36	.17	.17	.12	8.0	.55				.29		.41
	5020	166.7	167.9	1.2	100	4A3	3.57	.16	.06	.05	11.0	.62				.11		.45
	5021	167.9	169.2	1.3	100	4A3	3.34	.24	.14	.26	13.0	.62				.40		.65
	5022	169.2	170.4	1.2	75	4A3	3.31	.24	.18	.36	14.0	.55				.54		.67
	5023	170.4	171.3	.9	67	4A3	3.34	.16	.16	.26	11.0	.41				.42		.62
	5024	171.3	172.8	1.5	100	4L0	3.04	.09	.10	.16	7.0	.27				.26		.62
	5025	172.8	174.1	1.3	100	4L0	3.20	.14	2.08	2.22	27.0	.34				4.30		.52
	5026	174.1	175.3	1.2	100	4G4	4.07	.19	4.40	5.83	70.0	1.03				10.23		.57
	5027	175.3	176.6	1.3	100	4C3	3.47	.31	.15	.26	6.0	.69				.41		.63
	5028	176.6	178.3	1.5	100	4C3	3.41	.28	.20	.57	6.0	.48				.77		.74
	5029	178.3	179.8	1.5	100	4C3	3.63	.31	.23	.50	5.0	.48				.73		.68
	5030	179.8	181.3	1.5	100	4C3	3.63	.31	.23	.50	5.0	.48				.73		.68
	5031	181.3	183.0	1.6	100	4C3	3.81	.37	.11	.29	8.0	.55				.40		.73
	5032	183.0	184.6	1.6	100	4C3	3.50	.44	.41	.71	12.0	.69				1.12		.63
	5032	185.0	186.9	1.9	100	4C3	3.57	.11	1.43	2.61	21.0	1.17				4.04		.65
	5033	186.9	189.4	1.5	100	4A3	3.52	.31	.12	.38	12.0	.48				.50		.76
	5034	189.4	191.1	1.7	100	4A3	3.31	.18	.10	.13	9.0	.75				.23		.57
	5035	191.1	192.6	1.5	100	4A0	3.23	.15	.31	.16	11.0	.69				.47		.34
	5036	192.6	194.3	1.7	100	4A0	3.24	.18	.17	.25	9.0	.55				.42		.60
	5037	194.3	195.8	1.5	100	4A0	3.24	.12	.40	.14	13.0	.62				.54		.26
	5038	195.8	197.5	1.7	100	4A3	3.37	.17	.43	.08	17.0	.75				.51		.16
	5039	197.5	199.0	1.5	100	4A3	3.48	.28	.09	.25	12.0	.48				.34		.74
	5040	199.0	200.6	1.6	100	4A3	3.41	.22	.09	.22	8.0	.48				.31		.71
	5041	200.6	202.1	1.5	100	4A3	3.50	.27	.07	.24	9.0	.55				.31		.77
	5042	202.1	203.6	1.5	100	4A3	3.31	.18	.40	.18	12.0	.75				.58		.31
	5043	203.6	205.1	1.5	100	4A3	3.44	.21	.21	.19	11.0	.48				.40		.48
	5044	205.1	206.7	1.6	69	4A4	3.79	.20	2.69	2.98	40.0	.62				5.67		.53
	5045	206.7	208.2	1.5	100	4A3	3.33	.18	.28	.15	11.0	.75				.43		.35
	5046	208.2	209.7	1.5	100	4A3	3.32	.24	.27	.23	10.0	.55				.50		.46
	5047	209.7	210.9	1.2	100	4A0	3.25	.15	.50	.74	12.0	.34				1.24		.60
	5048	210.9	212.0	1.1	100	4A4	4.37	.16	6.63	7.73	100.0	.82				14.36		.54
	5049	212.0	213.4	1.4	100	4L5	2.96	.02	.18	.18	5.0	.14				.36		.50
	5050	213.4	214.6	1.2	100	4L5	3.24	.20	1.62	1.12	23.0	.34				2.74		.41
	5101	223.3	224.8	1.5	100	4C7	3.50	.28	1.57	1.36	22.0	.07				2.93		.46
	5102	224.8	226.3	1.5	60	4C3	3.43	.02	.11	.07	5.0	.07				.18		.39
	5103	226.3	228.0	1.4	64	4C3	3.48	.01	.04	.02	4.0	.07				.06		.33

CYPRUS ANVIL MINING CORPORATION

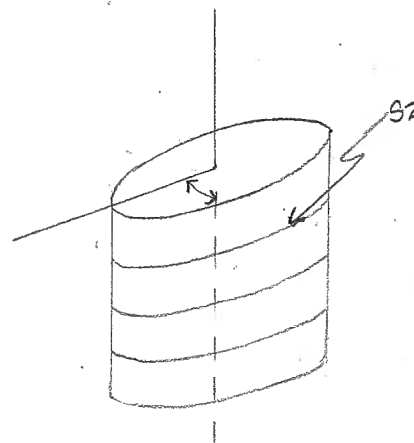
DIAMOND DRILL CORE LOG

Hole Number: 75-A074

Fabric Orientation Diagram:

Project: GRUM

Location: VANGORDA PLATEAU



Claim: _____

1979 Aerial
Orthophoto
Survey

UTM
Terr. Plane
Co-ords.: 6,904,732.83 N

592,313.34 E

Grid
Co-ords.: 68W/2S

All symmetry determinations looking

NW with S2 dipping

SW with dip azimuth 230°.

Elevation: 1272.87 m.

Total Depth: 1060 ft.

Purpose: _____

ReLogged by: PN

Date(s) Logged: MAY 18-22 80

Drilling Contractor: _____

Core:	Size	From	To	Collar Cased and Capped:
<u>BW</u>	<u>0</u>	<u>50'</u>	<u>4</u>	_____
<u>BQ</u>	<u>50'</u>	<u>EOH</u>		_____
_____	_____	_____	_____	_____

Started: 1/5/75

Completed: 21/5/75

Lithologic Log

Code	From	To	Unit	Code	Description
1	10	14 16	20	22 23 25 27	
L	100	140	11	11	# 0/B
L	140	151	12	5B10	few bands of 4L0
L	151	199.5	13	5B10	py in fractures & bands; also occ. as blebs; graphitic; wispy siliceous bands; minor po
L	199.5	1101.7	14	01Q10	
L	1101.7	1142.9	15	5B10	w/ diss. py & wispy qtz bands
L	1142.9	1157.4	16	5B10	intensely sheared; minor py; w/ alternating 4L5
L	1157.4	1161.5	17	5B16	minor py; qtz-ankerite(?) lenses; fuschite stain
L	1161.5	11630	18	5B10	gouge w/ siliceous pebbles
L	11630	11730	19	4L5	
L	11730	130180	110	5B10	minor py; alternating w/ 4L0; gouge bet. 200-207', 265-266.5' and 283-284'; few siliceous layers
L	130180	131130	111	4L40	py in bands & fractures
L	131130	131150	112	4L40	
L	131150	131176	113	4L40	
L	131176	13221	114	4E10 ⁴	well banded w/ minor qtz & mt
L	13221	132230	115	4L13	intensely altered
L	132230	136180	116	4C10 ³	pyritic breccia w/ minor graphite & qtz alternating w/ massive py
L	136180	13710.3	117	4L40	minor calc.; py; unknown green stain
L	13710.3	13750	118	4A10	
L	13750	14814.4	119	5B10	minor py & qtz bands; gouge layers bet. 375-380', 383-387.3', and 431-435'; ankerite assoc. w/ qtz
L	14814.4	14911.5	210	4L45	minor py, qtz
L	14911.5	149170	211	5B10	minor py in layers & in fractures
L	149170	15115.3	212	4L45	minor po/py bands; alternating 5B10 bands; increasing sulphides to bottom
L	15115.3	15210.7	213	4C10 ³	banded sulphides; carbonate bearing
L	15210.7	15260	214	5B10	minor py bands
L	15260	15345	215	4C18	carbonate bearing; sph, gal bands, opq blebs (4DB) F.O.I.
L	15345	15620	216	4A10	carbonate bearing
L	15620	1571.3	217	4L40	w/ layers of 4C0 with sph; minor py
L	1571.3	157150	218	4G14	banded
L	157150	15719.5	219	4C10 ³	
L	15719.5	15849	310	4L45	³
L	15849	16056	311	4C10 ³	few phyllite layers; alternating w/ 4L5 bands

Structural Log

Code	From		To		Feature	E SY	S ₁		S ₂		Description
							Dip	Direct.	Dip	Direct.	
	10	14 16	20	22 24 26 28			32	34	38		
S			1510	4	CIS2			713	21310		0-46.0 ft o/B S sym. 40.0 - 53.0 ft.
S			1530		F2S						P region 53.0 - 58.0 ft.
S			1577		PIS2			64	21310		
S			1580		F2P						S sym 58.0 - 99.5 ft.
S			1610	0	CIS2			59	21310		
S			1820		CIS2			64	21310		
S			1995		F2S						No sym. 99.5 - 101.7 ft.; 0Q0
S			1101	7	F2R						S sym. 101.7 - 308.0 ft.
S			1107	0	CIS2			35	21310		
S			1127	2	CIS2			60	21310		
S			1149	7	CIS2			35	21310		
S			1169	0	CIS2			25	21310		
S			1191	6	CIS2			60	21310		
S			1207	5	CIS2			55	21310		
S			1224	4	CIS2			79	21310		
S			1245	6	CIS2			60	21310		
S			1264	7	CIS2			510	21310		
S			1282	5	CIS2			60	21310		
S			1301	0	CIS2			60	21310		
S			1308	0	F2S						R region 308.0 - 368 ft. (massive sulphides)
S			1361	8	F2R						S region 368 - 370.3 ft.
S			1361	7	CIS2			69	21310		
S			1370	3	F2S						R region 370.3 - 375 ft. (sulphides)
S			1371	0	F2R						M region 375.0 - 515.3 ft. 20/80 z/s
S			1387	5	CIS2			67	21310		
S			1395	8	CIS2			410	21310		
S			1423	1	CIS2			416	21310		
S			1443	7	CIS2			616	21310		
S			1460	4	CIS2			69	21310		
S			1484	0	CIS2			615	21310		
S			1501	6	CIS2			68	21310		
S			1511	5	CIS2			77	21310		
S			1511	5	F2M						R region 515.3 - 520.7 ft. (sulphides)

Structural Log

Code	From		To		Feature	E S ₁	S ₁		S ₂		Description
	10	14	16	20			Dip	Direct.	Dip	Direct.	
	22	24	26	28	32	34	38				
S			15210	7	FZ R						S region 520.7 - 526.0 ft
S			15246	6	CSZ			69	230		
S			15260	0	FZ S						R region 526.0 - 579.5 ft. w/ minor S sym.
S			15426	6	PSZ			55	230		
S			15795	5	FZ R						S sym. 579.5 - 584.9 ft.
S			15819	9	CSZ			311	230		
S			15849	9	FZ S						R region 584.9 - 613.3 ft. (sulphides) w/ minor S sym.
S			16058	8	PSZ			610	230		
S			16113	3	FZ R						S sym. 613.3 - 616.5
S			16160	0	CSZ			73	230		
S			16165	5	FZ S						R region 616.5 - 695.4 (sulphides)
S			16954	4	FZ R						S sym. 695.4 - 732.5 minor mixed regions
S			16963	3	CSZ			61	230		
S			17237	7	CSZ			69	230		
S			17325	5	FZ S						R region 732.5 - 737.6 (sulphides)
S			17376	6	FZ R						S region 737.6 - 766.2
S			17414	4	CSZ			64	230		
S			17656	6	CSZ			63	230		
S			17662	2	FZ S						R region 766.2 - 771.9 ft.
S			17719	9	FZ R						S sym. 771.9 - 953.0 ft.
S			17726	6	CSZ			72	230		
S			17936	6	CSZ			75	230		
S			18068	8	CSZ			63	230		
S			18248	8	CSZ			66	230		
S			18442	2	CSZ			70	230		
S			18645	5	CSZ			73	230		
S			18914	4	CSZ			68	230		
S			19019	1	CSZ			70	230		
S			19291	1	CSZ			71	230		
S			19427	7	CSZ			58	230		
S			19530	0	FZ S						R region 953.0 - 962.5 ft. (sulphides)
S			19625	5	FZ R						S sym. 962.5 - 1060 ft. (EOH)

DDH 7.5-A.O.7.4
2 8

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

Page 8 of 9
Logged By: PN
Sampled By: _____

Code	From ft.	To ft.	Sample No.	Description						
	10	14	16	20	22	27	LENGTH	REC.	UNIT	
P	1310	1318	0	1311	1330	0	5101011	5.0	5.0	4L0
P	1311	1313	0	1311	1317	6	5101021	4.6	4.6	4C0/4L0 4CL
P	1311	1317	6	1312	1321	1	5101031	4.5	4.5	4E0 4
P	1312	1323	0	1312	1318	0	5101041	5.0	5.0	4C0
P	1312	1328	0	1313	1330	0	5101051	5.0	5.0	4C0
P	1313	1330	0	1313	1338	0	5101061	5.0	4.5	4C0
P	1313	1338	0	1314	1330	0	5101071	5.0	4.7	4C0
P	1314	1330	0	1314	1318	0	5101081	5.0	4.3	4C0
P	1314	1348	0	1315	1330	0	5101091	5.0	5.0	4C0
P	1315	1330	0	1315	1318	0	5101101	5.0	5.0	4C0
P	1315	1318	0	1316	1330	0	5101111	5.0	5.0	4C0
P	1316	1330	0	1316	1318	0	5101121	5.0	5.0	4C0
P	1316	1318	0	1317	1315	0	5101131	7.0	6.8	4L0/4C0 4LA
	1317	1318	0	1317	1318	0	5101141	5.4	5.4	4C0
	1318	1318	0	1318	1318	0	5101151	4.0	4.0	4C0
P	1512	1516	0	1513	1510	0	5101161	4.5	4.5	4E0 4DB
P	1513	1514	5	1513	1519	0	5101171	4.5	4.5	4C0
P	1513	1519	0	1514	1513	0	5101181	4.0	4.0	4C0
P	1514	1513	0	1514	1517	0	5101191	4.0	4.0	4C0
P	1514	1517	0	1515	1511	0	5101201	4.0	4.0	4C0
P	1515	1511	0	1515	1515	0	5101211	4.0	4.0	4C0
P	1515	1515	0	1515	1519	0	5101221	4.0	2.9	4C0
P	1515	1519	0	1516	1512	0	5101231	3.0	2.0	4C0
P	1516	1512	0	1516	1517	0	5101241	5.0	4.9	4L0
P	1516	1517	0	1517	1511	3	5101251	4.3	4.3	4L0
P	1517	1511	3	1517	1515	0	5101261	3.7	3.7	4G4
P	1517	1515	0	1517	1519	5	5101271	4.5	4.5	4C0
	1517	1517	0	1517	1517	0	5101281	5.0	5.0	4C0
P	1518	1514	9	1518	1519	9	5101291	5.0	5.0	4C0
	1518	1518	0	1518	1518	0	5101301	5.0	5.0	4C0
P	1519	1515	3	1601	1603	3	5101311	5.3	5.3	4C0

4A0

Code	From	To	Sample No.	Description					
1	10	14	16	20	22	27	LENGTH	REC.	UNIT
P	161070	161133	15032	15032	6.3	6.3	6.3	6.3	400 400
P	161165	162115	15033	15033	5.0	5.0	5.0	5.0	400
P	162115	162170	15034	15034	5.5	5.5	5.5	5.5	400
P	162170	163120	15035	15035	5.0	5.0	5.0	5.0	400
P	163120	163175	15036	15036	5.5	5.5	5.5	5.5	400
P	163175	164125	15037	15037	5.0	5.0	5.0	5.0	400
P	164125	164180	15038	15038	5.5	5.5	5.5	5.5	400
P	164180	165130	15039	15039	5.0	5.0	5.0	5.0	400
P	165130	165180	15040	15040	5.0	5.5	5.5	5.5	400
P	165180	166130	15041	15041	5.0	5.5	5.5	5.5	400
P	166130	166180	15042	15042	5.0	6.0	6.0	6.0	400
P	166180	167130	15043	15043	5.0	6.0	6.0	6.0	400
P	167130	167180	15044	15044	5.0	3.5	3.5	3.5	400 400
P	167180	168130	15045	15045	5.0	5.0	5.0	5.0	400A
P	168130	168180	15046	15046	5.0	5.0	5.0	5.0	400A
P	168180	169120	15047	15047	4.0	4.0	4.0	4.0	400A
P	169120	169154	15048	15048	3.4	3.4	3.4	3.4	400 400
P	169154	170100	15049	15049	4.6	4.5	4.5	4.5	400
P	170100	170140	15050	15050	4.0	4.0	4.0	4.0	400
P	17325	17376	15101	15101	5.1	5.1	5.1	5.1	400
P	19530	19580	15102	15102	5.0	3.0	3.0	3.0	400
P	19580	19625	15103	15103	4.5	3.0	3.0	3.0	400

400

400 400

400A

400A

400A

400 400

400

400

400

400

400

Feet!

FAULT

DDH FAGAO74
2 8

Cyprus Anvil Mining Corp.

Page _____ of _____

Structural Log


Date: _____ Logged By: _____

Code	From		To		Feature	S ₀ Dip Direct.	S ₁ Dip Direct.		S ₂ Dip Direct.		Description
	10	14 16	20 22 24	26 28			32 34	38 40	44		
F	11412	9	11574	31	S1						intensely sheared
F	11615	5	11630	31	G						gouge w/ siliceous pebbles (gouge w/ qtz vein origin/ clasts)
F	12010	0	12070	0	G						gouge
F	12615	0	12665	5	G						gouge
F	12830	0	12840	0	G						gouge
F	13230	0	13680	0	XD?						pyritic bxs
F	13750	0	13800	0	G						gouge layers
F	13830	0	13873	3	G						gouge
F	14311	0	14350	0	G						gouge
F	17410	6	17411	0	G						gouge w/ siliceous pebbles
F			17675	1	G						gouge
F	18118		18119	0	G						gouge
F	18416	5	18475	5	G						gouge w/ siliceous pebbles
F	19410	0	19420	0	G						gouge
F	19418	0	19530	0	NIP						no core
F	19513	0	19625	0	XD?						biotated pyrite
F	19160	2	19161	0	G						gouge w/ siliceous pebbles
F	19182	5	19186	0	G						gouge w/ siliceous pebbles
F	19197	2	11028	6	QXD						qtz bxa w/ sulphide matrix of py, po, sph, ga
F	11995	5	11017	7	Q						bull qtz veins

DIAMOND DRILL RECORD

LOGGED BY T. Takeda

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

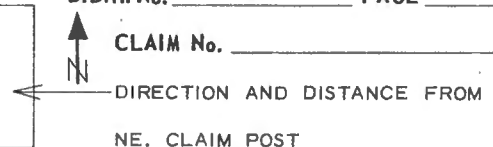
D.D.H. No. 75-A74 PAGE 5 of 23
 CLAIM No. _____
 DIRECTION AND DISTANCE FROM
 NE. CLAIM POST

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	
308	316.5	PYRITIC "BLEACHED" PHYLITE (quartz-sericite-phyllite) <i>SB P</i> Crumpled and shattered. Pyrite as crack filling and banded. Rare remnants of gray phyllite with F2 slips @ 70°, coated with graphite and lesser sericite. 312.7-314.3' -- pyritic siliceous zone. Pyrite 35% containing some siliceous and buff coloured fragments.	8	1460	308	316.5	8.5	.60	.33	.24						
316.5	327	MASSIVE SULPHIDES <i>M</i> 60% pyrite, estimate of 15% lead-zinc) Well banded @ 80 average. Fractured and cemented by fine-grained gray siliceous pyrite. Rare magnetic at 322'. 322.5-323' -- intensely sericitized inclusion of phyllite origin. Powdery.	6.5	1461	316.5	323	6.5	1.53	1.40	.59						
			4	1462		327	4	4.43	1.22	1.38				9.18	8.40	3.54
				<i>WTAU</i>	317.0	327.0	10.0	2.69	1.33	0.91	(311.8' (4.1'))	26.90	13.28	9.06		
327	336	SILICEOUS PYRITIC BRECCIA <i>Ry AA</i> 40% pyrite, 0.5% lead-zinc estimate Siliceous breccia with slightly coarse grained pyrite enclosed in the darker gray coloured, finer pyrite and more siliceous matrix. Also sporadical massive pyrite bands. Later fracturing brittle most of the section. Some well polished slickensides. Contact @ 20°	8.5	1463	327	336	9	.14	.26	.24				3.6	<i>MZ</i>	
336	342.5	MASSIVE PYRITIC BANDS BEARING SILICEOUS PYRITE <i>M.</i> Massive bands, siliceous sections with interstitial smudgy graphite-sericite and lesser buff coloured, silicified carbonitized phyllite inclusions. Chalcopyrite blebs common (0.2% copper estimate) on the edge of siliceous portions.	6.2	1464	336	342.5	6.5	.45	.25	.35				4.6	<i>PZ</i>	

DIAMOND DRILL RECORD

LOGGED BY T. Takeda

PROPERTY _____ D.D.H. No. 75-A74 PAGE 15 of 23
 LATITUDE _____ BEARING OF HOLE _____ STARTED _____ CLAIM No. _____
 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		
		sulphide zone at 687.8'. Good sphalerite mineralization (683-684.2') Sporadical chalcopyrite blebs. Near 687.8' gentle "S" type folding. F2 slips @ 70°.															
687.8	^{310.6} 691	FOLDED SILICEOUS SULPHIDE BANDS <i>P (S)</i> Minor inclusions of barren folded quartz-sericite phyllite. Pyrite and very fine grained galena mixed with lesser sphalerite.	3.2	1492	687.8	691	3.2	.25	.22	.29							
				<i>WT. Av.</i>	<i>678.5</i>	<i>691.0</i>	<i>12.5</i>	<i>0.6</i>	<i>16.7</i>								
691	^{211.9} 695.3	SILICEOUS SULPHIDE ZONE <i>P</i> Fine-grained On the average, banding at 60° down to folding axis at 693.2' and then @ 70° on the other way for short section. Pyrite, brown sphalerite, fine dissem. magnetite 5% and pyrrhotite bands near 692'. Contact to next, rugged but well welded.	4.3	1493	691	695.3	4.3	6.53	7.54	2.41				<i>28.079</i>	<i>38.422</i>	<i>10.363</i>	
695.3	^{211.6} 704	MAINLY QUARTZ - SERICITE PHYLLITE WITH SPORADICAL SILICEOUS SULPHIDE BANDS <i>PS</i> Very good brown sphalerite-galena bands (697.8-704') Some disseminated magnetite ≤ 1% (700-702')	8.6	1494	<i>(695.3 - 701.0)</i>	<i>(6.7)</i>	8.7	.80	.83	.29				<i>4.56</i>	<i>4.73</i>	<i>1.653</i>	
				<i>WT. Av.</i>	<i>691.0</i>	<i>701.0</i>	<i>10.0</i>	<i>3.26</i>	<i>3.72</i>	<i>1.20</i>	<i>(4.2)</i>			<i>32.639</i>	<i>37.153</i>	<i>12.116</i>	

DDH: FAGA074 -- 42 DEGREE PROFILE

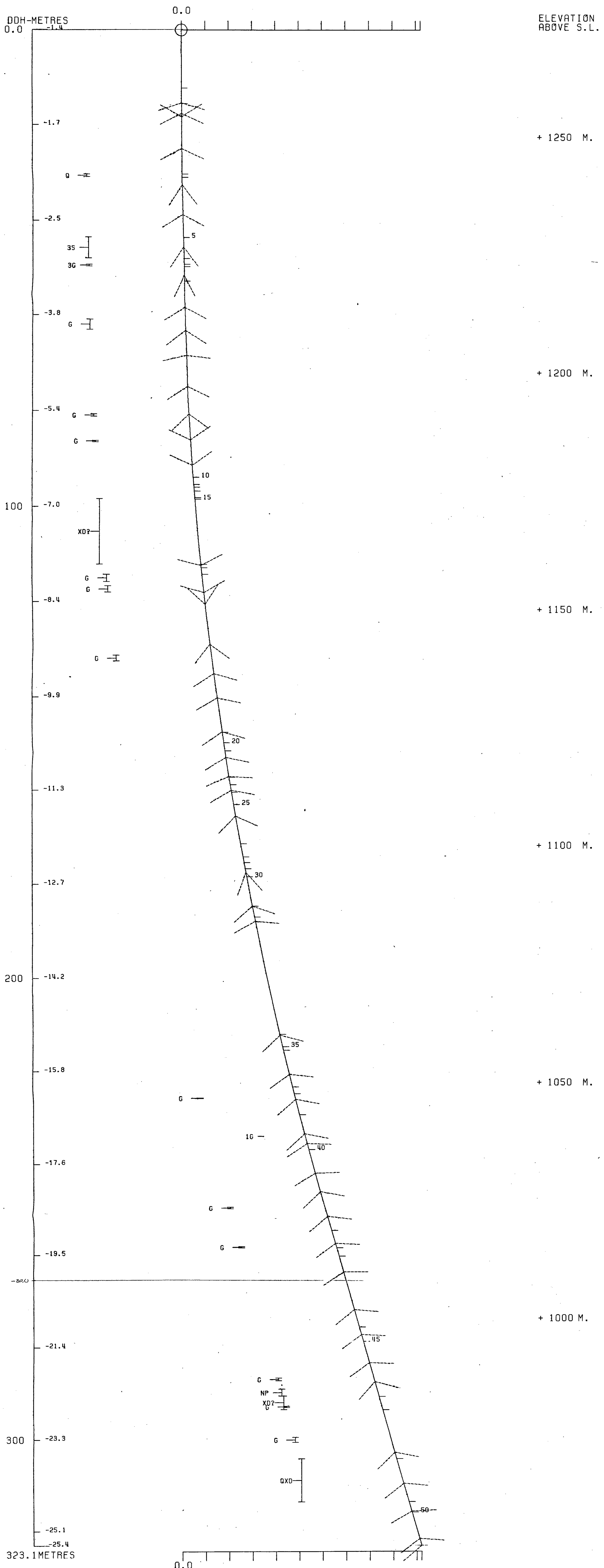
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1273 592313E ; 904733N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 312.6 Z = 1272.6

SECTION NAME: 68W



DDH: FAGA074 -- 42 DEGREE PROFILE

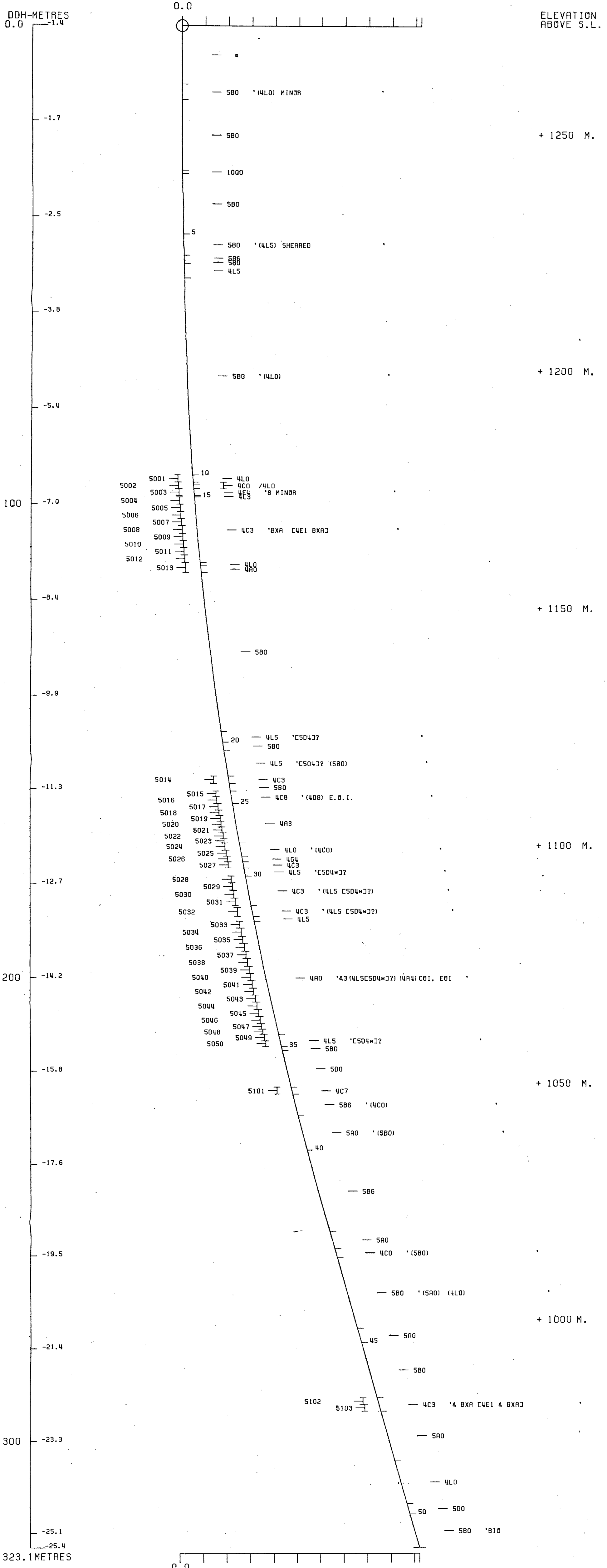
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1273 592313E ; 904733N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 312.6 Z = 1272.6

SECTION NAME: 68W



75 A106

84/10/16

GRUM DATABASE - QUIZ REPORT

PAGE 11

DCH	SAMPLE	ROCK UNIT	NORMATIVE MINERALS - WEIGHT %							OTHER	*	NORMATIVE MINERALS - VOLUME %							OTHER
			CPY	GA	SP	PO	PY	BAR	CPY			GA	SP	PO	PY	BAR			
FAGA106	5216	4E4	.17	12.46	11.97	3.40	43.23	28.77	*	.17	6.77	12.19	3.01	35.23	42.63				
	5217	4LK	.09	1.57	5.25	6.90	7.44	78.75	*	.06	.63	3.96	4.53	4.49	86.34				
	5218	4E4	.26	13.40	11.97			74.37	*										
	5219	4AG	.14	6.33	13.49	1.87	23.01	55.15	*	.12	2.88	11.51	1.39	15.70	68.41				
	5220	4E4	.32	6.14	10.09	2.94	58.28	22.23	*	.32	3.44	10.60	2.69	48.98	33.97				
	5221	4D4	.17	7.88	13.73	6.39	39.14	32.70	*	.16	4.10	13.39	5.42	30.54	46.39				
	5222	4C3	.29	2.23	3.55	6.04	39.14	48.76	*	.24	1.06	3.15	4.67	27.83	63.04				
	5223	4A4	.17	4.41	8.24	3.37	15.05	68.75	*	.13	1.87	6.56	2.33	9.58	79.53				
	5224	4A0	.09	1.46	2.80	4.23	6.65	84.78	*	.06	.57	2.06	2.71	3.91	90.69				
	5225	4A0	.55	.18	.73			98.54	*										
	5226	4A3	.66	.15	.40			98.78	*										
	5227	4A3	.69	.30	.54			98.47	*										
	5228	4L2	.52	.25	.52			98.70	*										

84/10/16

GRUM DATABASE - QUIZ REPORT

PAGE 9

DCH	SAMPLE	---DEPTHS---		INT M	REC %	ROCK UNIT	S.G.	CU %	PB %	ZN %	AG G/MT	AU G/MT	PO %	PY %	BAO %	PB+ZN %	PO+PY %	ZN RATIO
		FROM	TO															
FAGA106	5216	46.9	49.2	2.3	100	4E4	4.14	.06	10.79	8.03	153.0	1.03	2.16	20.10		18.82	22.26	.43
	5217	49.2	50.5	1.3	100	4LK	3.03	.03	1.36	3.52	14.0	.14	4.39	3.46		4.88	7.85	.72
	5218	90.3	91.4	1.1	82	4E4	4.16	.09	11.60	8.03	139.0	1.37				19.63		.41
	5219	151.3	154.2	2.9	100	4AG	4.40	.05	5.48	9.05	97.0	.48	1.19	10.70		14.53	11.89	.62
	5220	154.2	154.8	.6	100	4E4	4.52	.11	5.32	6.77	87.0	.89	1.87	27.10		12.09	28.97	.56
	5221	154.8	157.0	2.2	100	4D4	3.92	.06	6.82	9.21	96.0	.75	4.06	18.20		16.03	22.26	.57
	5222	157.0	159.8	2.8	100	4C3	3.52	.10	1.93	2.38	37.0	.75	3.84	18.20		4.31	22.04	.55
	5223	159.8	162.0	2.2	91	4A4	3.04	.06	3.82	5.53	54.0	.75	2.14	7.00		9.35	9.14	.59
	5224	162.0	163.9	1.9	84	4A0	2.92	.03	1.26	1.88	24.0	.41	2.69	3.09		3.14	5.78	.60
	5225	168.7	172.0	3.3	100	4A0	3.23	.19	.16	.49	8.0	.27				.45		.75
	5226	172.0	175.0	3.0	87	4A3	3.37	.23	.13	.27	7.0	.34				.40		.68
	5227	175.0	178.0	3.0	100	4A3	3.37	.24	.26	.36	10.0	.21				.62		.58
	5228	178.0	181.3	3.3	88	4L2	3.02	.18	.22	.35	6.0	.07				.57		.61

DRILL HOLE : FAGA1C6
NORTHING : 904,954.0
EASTING : 592,515.0
ELEVATION : 1,293.0
TOTAL DEPTH : 190.5
SECTION : W 68
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS ORE-SAMPLES: 13
NOS DOWN-H-SURVEYS: 3
NOS DOWN-H-LITHOLOGY: 25
NOS DOWN-H-STRUCTURE: 50
NOS DOWN-H-FAULTS: 6
NOS DOWN-H-SPLINES: 3
NOS COMPOSITES: 0

21FEB84 GRUM

DOWN-HOLE SURVEYS (DH020)

PAGE: 20

DDH: FAGA106 UTM-N: 904,954.0 UTM-E: 592,515.0 UTM-ELEV: 1,293.0 TOTAL DEPTH: 190.5 SECTION: W 68
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
97.500	174.000	75.000
170.700	168.700	77.000

21FEB84 GRUM

DOWN-HOLE LITHOLOGY (DHC20)

PAGE: 21

DDH: FAGA106 UTM-N: 9C4,954.0 UTM-E: 592,515.0 UTM-ELEV: 1,293.0 TOTAL DEPTH: 190.5 SECTION: W 68
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	INC
41.2	OCC1	#		0.5-	1
46.9	OC02	5B0		0.5-	1
49.2	0003	4E4	(4L1)	0.5-	1
50.3	OC04	4L0	[5D0]	0.5-	1
50.5	0005	4K4		0.5-	1
51.4	OC06	5D0		0.5-	1
90.3	OCC7	5B0		0.5-	1
91.4	OCC8	4E4		0.5-	1
98.2	OC09	5B6	(5D0) MINOR	0.5-	1
108.7	OC10	5D6	& MINOR	0.5-	1
117.9	OC11	5B6	& MINOR	0.5-	1
137.1	OC12	4L3	8* (5D0)	0.5-	1
149.1	OC13	5B6		0.5-	1
151.3	OC14	4L3		0.5-	1
151.6	OC15	4A4		0.5-	1
154.2	OC16	4G4		0.5-	1
154.6	OC17	4E4		0.5-	1
159.8	OC18	4D4	(4E0 BXA) MINOR (4C3) E.O.I.	0.5-	1
163.9	OC19	4A4	(4A0) E.O.I.	0.5-	1
168.7	OC20	4L2	(5B6)	0.5-	1
178.0	OG21	4A3	8C (4A7) (4L0) (4C0)	0.5-	1
181.3	OG22	4L2		0.5-	1
184.1	OC23	4L0		0.5-	1
184.9	OC24	4A2#		0.5-	1
190.5	OC25	5D9		0.5-	1

21FEB84 GRUM

DOWN-HOLE STRUCTURE (DHO20)

PAGE: 22

DDH: FAGA106 UTM-N: 904,954.0 UTM-E: 592,515.0 UTM-ELEV: 1,293.0 TOTAL DEPTH: 190.5 SECTION: W 68
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	DIRECT	S1 ANGLE	DIRECT	S2 ANGLE	DIRECT	RFE	CDE	DHDC	SDC	PRCESS
FAGA106	0.0	41.3	CS2		0	0	0	C	48	230	C		1	1	1
FAGA106	41.2	44.2	CS2	S	0	0	0	G	0	0	C		1	1	1
FAGA106	0.0	44.6	PS2		C	0	0	C	51	230	C		1	1	1
FAGA106	44.2	45.8	PS2	P	0	0	0	G	0	C	C		1	1	1
FAGA106	45.8	46.9	CS2	Z	0	0	0	C	0	C	C		1	1	1
FAGA106	46.9	49.2	PS2	P	0	0	0	C	0	0	C		1	1	1
FAGA106	0.0	49.3	CS2		C	0	0	0	71	230	C		1	1	1
FAGA106	0.0	55.1	CS2		0	0	0	C	68	230	C		1	1	1
FAGA106	0.0	61.8	CS2		C	0	0	C	61	230	C		1	1	1
FAGA106	49.2	64.2	CS2	S	C	C	0	C	0	0	C		1	1	1
FAGA106	64.2	65.2	CS2	Z	0	0	0	C	0	C	C		1	1	1
FAGA106	0.0	67.2	CS2		C	0	0	C	72	230	0		1	1	1
FAGA106	0.0	74.2	CS2		0	0	0	C	62	230	0		1	1	1
FAGA106	65.2	74.9	CS2	S	0	0	0	C	0	C	0		1	1	1
FAGA106	74.9	76.6	PS2	P	0	0	0	C	0	0	C		1	1	1
FAGA106	0.0	80.3	CS2		C	C	0	C	65	230	C		1	1	1
FAGA106	76.6	80.6	CS2	Z	0	0	0	G	0	0	0		1	1	1
FAGA106	0.0	86.4	PS2		0	0	0	C	71	230	C		1	1	1
FAGA106	80.6	87.4	PS2	P	C	0	0	CS2	0	0	0		1	1	1
FAGA106	87.4	90.3	PS2	P	0	0	0	0	0	C	C		1	1	1
FAGA106	90.3	91.4	PS2	P	0	0	0	C	0	0	C		1	1	1
FAGA106	0.0	91.9	CS2		0	0	0	C	64	230	C		1	1	1
FAGA106	0.0	97.8	CS2		0	0	0	0	68	230	C		1	1	1
FAGA106	0.0	105.6	CS2		0	0	0	C	60	230	0		1	1	1
FAGA106	91.4	106.0	CS2	S	0	0	0	C	0	C	C		1	1	1
FAGA106	0.0	111.1	CS2		0	0	0	C	75	230	C		1	1	1
FAGA106	106.0	114.3	CS2	M	0	0	0	C	0	0	C		1	1	1
FAGA106	0.0	118.1	CS2		0	0	0	C	62	230	0		1	1	1
FAGA106	114.3	118.5	CS2	S	0	0	0	C	0	0	C		1	1	1
FAGA106	0.0	124.2	CS2		C	0	0	C	55	230	0		1	1	1
FAGA106	118.5	130.0	CS2	M	0	0	0	C	0	0	C		1	1	1
FAGA106	0.0	130.2	CS2		0	0	0	C	65	230	C		1	1	1
FAGA106	0.0	134.8	CS2		0	0	0	C	75	230	C		1	1	1
FAGA106	130.0	135.7	CS2	S	C	0	0	C	0	0	C		1	1	1
FAGA106	0.0	139.0	CS2		0	0	0	0	65	230	C		1	1	1
FAGA106	135.7	139.1	CS2	Z	0	0	0	C	0	0	0		1	1	1
FAGA106	139.1	144.7	CS2	S	0	0	0	C	0	0	C		1	1	1
FAGA106	0.0	145.3	CS2		0	0	0	C	70	230	C		1	1	1
FAGA106	0.0	150.8	CS2		G	0	0	C	60	230	C		1	1	1
FAGA106	144.7	151.3	CS2	Z	C	0	0	C	0	0	C		1	1	1
FAGA106	0.0	158.9	PS2		C	0	0	C	73	230	0		1	1	1
FAGA106	151.3	162.8	CS2	M	C	C	C	C	0	0	C		1	1	1
FAGA106	0.0	164.3	CS2		G	C	C	C	73	230	C		1	1	1
FAGA106	162.8	168.7	CS2	Z	0	0	0	C	0	0	C		1	1	1
FAGA106	0.0	169.9	PS2		C	0	0	C	68	230	C		1	1	1
FAGA106	0.0	170.7	PS2		0	0	0	C	60	230	C		1	1	1
FAGA106	0.0	181.2	PS2		0	C	0	C	73	230	C		1	1	1
FAGA106	168.7	181.3	PS2	P	C	C	C	C	0	C	C		1	1	1
FAGA106	0.0	186.1	CS2		0	0	0	C	70	230	C		1	1	1
FAGA106	181.3	190.5	CS2	M	0	0	0	C	0	0	C		1	1	1

21FEB84 GRUM

DOWN-HOLE FAULTS (DHQ20)

PAGE: 23

DDH: FAGA106 UTM-N: 904,954.0 UTM-E: 592,515.0 UTM-ELEV: 1,293.0 TOTAL DEPTH: 190.5 SECTION: W 68
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	REC	CD	PARLL	UPPER PLANE	INTERNAL PLANE	LOWER PLANE	DHD			
FAGA106	61.8	62.0	G				C	O	C	C	O	O	1
FAGA106	116.0	116.1	G				O	O	O	C	O	O	1
FAGA106	125.6	125.7	G				O	O	O	C	O	O	1
FAGA106	136.1	136.6	G				O	O	C	C	O	O	1
FAGA106	154.8	159.8	1X0				O	O	O	C	O	O	1
FAGA106	163.9	168.7	1QJ				O	O	C	C	O	O	1

21FEB84 GRUM

DOWN-HOLE SPLINES (DH020)

PAGE: 24

DDH: FAGA106 UTM-N: 904,954.0 UTM-E: 592,515.0 UTM-ELEV: 1,293.0 TOTAL DEPTH: 190.5 SECTION: W 68
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH SEGMENT NOS COND INDICATOR

FAGA106	1	2
FAGA106	2	2
FAGA106	3	1

84/10/16

GRUM DATABASE - QUIZ REPORT

PAGE 9

DCH	SAMPLE	---DEPTHS---		INT	REC	ROCK	S.G.	CU	PB	ZN	AG	AU	PO	PY	BAO	PB+ZN	PO+PY	ZN
		FROM	TO	M	%	UNIT		%	%	%	G/MT	G/MT	%	%	%	%	%	RATIO
FAGA106	5216	46.9	49.2	2.3	100	4E4	4.14	.06	10.79	8.03	153.0	1.03	2.16	20.10		18.82	22.26	.43
	5217	49.2	50.5	1.3	100	4LK	3.03	.03	1.36	3.52	14.0	.14	4.39	3.46		4.88	7.85	.72
	5218	90.3	91.4	1.1	82	4E4	4.16	.09	11.60	8.03	139.0	1.37				19.63		.41
	5219	151.3	154.2	2.9	100	4AG	4.40	.05	5.48	9.05	97.0	.48	1.19	10.70		14.53	11.89	.62
	5220	154.2	154.8	.6	100	4E4	4.52	.11	5.32	6.77	87.0	.89	1.87	27.10		12.09	28.97	.56
	5221	154.8	157.0	2.2	100	4D4	3.92	.06	6.82	9.21	96.0	.75	4.06	18.20		16.03	22.26	.57
	5222	157.0	159.8	2.8	100	4C3	3.52	.10	1.93	2.38	37.0	.75	3.84	18.20		4.31	22.04	.55
	5223	159.8	162.0	2.2	91	4A4	3.04	.06	3.82	5.53	54.0	.75	2.14	7.00		9.35	9.14	.59
	5224	162.0	163.9	1.9	84	4AC	2.92	.03	1.26	1.88	24.0	.41	2.69	3.09		3.14	5.78	.60
	5225	168.7	172.0	3.3	100	4A0	3.23	.19	.16	.49	8.0	.27				.65		.75
	5226	172.0	175.0	3.0	87	4A3	3.37	.23	.13	.27	7.0	.34				.40		.68
	5227	175.0	178.0	3.0	100	4A3	3.37	.24	.26	.36	10.0	.21				.62		.58
	5228	178.0	181.3	3.3	88	4L2	3.02	.18	.22	.35	6.0	.07				.57		.61

84/10/16

GRUM DATABASE - QUIZ REPORT

PAGE 11

DCM	SAMPLE	ROCK UNIT	CPY	NORMATIVE MINERALS - WEIGHT %					OTHER	*	CPY	NORMATIVE MINERALS - VOLUME %					OTHER
				GA	SP	PO	PY	BAR				GA	SP	PO	PY	BAR	
FAGA106	5216	4E4	.17	12.46	11.97	3.40	43.23		28.77	*	-.17	6.77	12.19	3.01	35.23		42.63
	5217	4LK	.09	1.57	5.25	6.90	7.44		78.75	*	.06	.63	3.96	4.53	4.49		86.34
	5218	4E4	.26	13.40	11.97				74.37	*							
	5219	4AG	.14	6.33	13.49	1.87	23.01		55.15	*	-.12	2.88	11.51	1.39	15.70		68.41
	5220	4E4	.32	6.14	10.09	2.94	58.28		22.23	*	-.32	3.44	10.60	2.69	48.98		33.97
	5221	4D4	.17	7.88	13.73	6.39	39.14		32.70	*	-.16	4.10	13.39	5.42	30.54		46.39
	5222	4C3	.29	2.23	3.55	6.04	39.14		48.76	*	.24	1.06	3.15	4.67	27.83		63.04
	5223	4A4	.17	4.41	8.24	3.37	15.05		68.75	*	-.13	1.87	6.56	2.33	9.58		79.53
	5224	4A0	.09	1.46	2.80	4.23	6.65		84.78	*	.06	.57	2.06	2.71	3.91		90.69
	5225	4A0	.55	.18	.73				98.54	*							
	5226	4A3	.66	.15	.40				98.78	*							
	5227	4A3	.69	.30	.54				98.47	*							
	5228	4L2	.52	.25	.52				98.70	*							

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 75-A106

Fabric Orientation Diagram:

Project: GRUM

Location: VANGORDA PLATEAU

Claim: _____

UTM

~~True~~ Plane
Co-ords.: 6904954.04 N

1979 H2W
Orthophoto
Survey

592515.02 E

Grid
Co-ords.: 68W / 8N

All symmetry determinations looking

NW with S2 dipping

Elevation: 1293.00 m

SW with dip azimuth 230.

Total Depth: 190.5 m

Purpose: _____

RE
Logged by: PN

Date(s) Logged: MAY 30 - JUNE 2 '80

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

BQ 0 EOH

Started: 9/8/75

Completed: 16/8/75

Code	From	To	Unit	Code	Description
L	10 14 16	20 22 23	25 27		
L	100	141 2	11		O/B
L	141 2	146 9	12	5B10	w/ qtz veins
L	146 9	149 2	13	4E14	w/ siliceous inclusions; interbands of 4L1
L	149 2	150 3	14	4L10	4L0/5D0; w/ sericite; qtz veins; minor sulphides
L	150 3	150 5	15	4K14	
L	150 5	151 4	16	5D10	w/ qtz-ankerite veins
L	151 4	190 3	17	5B10	variably calcareous; minor qtz-ankerite veins; minor py; gouge bet. 61.8-62.0m
L	190 3	191 4	18	4E14	
L	191 4	198 2	19	5B16	minor py bands, qtz veins; few 5D0 bands
L	198 2	11018 7	110	5D16	minor py bands, po; mt, ankerite
L	11018 7	11117 9	111	5B16	minor ankerite; qtz veins; med. grey; gouge bet. 116.0-116.1m
L	11117 9	11317 1	112	4L13	minor py bands; interbands of 5D; variably calcareous; gouge bet. 125.6-126.7, 136.1-136.6m
L	11317 1	1149 1	113	5B16	minor py blebs in fractures; qtz veins w/ ankerite;
L	1149 1	1151 3	114	4L13	minor qtz lenses; minor sph blebs
L	1151 3	1151 6	115	4A14	w/ py, gal + sph (barite?)
L	1151 6	1154 2	116	4G14	banded
L	1154 2	1154 8	117	4E14	
L	1154 8	1159 8	118	4D10	minor massive py breccia (4E0) ← (4C) E.O.I.
L	1159 8	1163 9	119	4A14	minor qtz vein: (4A0) E.O.I.
L	1163 9	1168 7	20	4L12	w/ qtz veins, minor po, sph; interbands of 5B6 w/ py; somewhat fractured
L	1168 7	1178 0	21	4A14	interbands of: 4A7, 4L0, 4C0
L	1178 0	1181 3	22	4L12	w/ minor cpy, sph, gal blebs
L	1181 3	1184 1	23	4L40	minor py bands
L	1184 1	1184 9	24	4A12	calcareous
L	1184 9	11910 5	25	5D19	w/ minor py, sph, garnets
		1E01H			

Structural Log

Code	From		To		Feature	S ₁ Dip Direct.	S ₂ Dip Direct.	Description
	10	14 16	20	22 24 26 28				
								0-41.2 m o/R
S			41.3	CS12			41.8 21310	
S			44.2	F12S				P region 44.2-45.8m
S			44.6	P12			51.1 21310	
S			45.8	F12P				Z sym 45.8-46.9m
S			46.9	F12Z				R region 46.9-49.2m
S			49.2	F12R				S sym 49.2-64.2m; R region bet 50.3-50.5; scattered minor P regions
S			49.3	CS12			71.1 21310	
S			55.1	CS12			68 21310	
S			61.8	CS12			61.1 21310	
S			64.2	F12E				Z sym 64.2-65.2m
S			65.2	F12Z				S sym 65.2-74.9m
S			67.2	CS12			71.2 21310	
S			74.2	CS12			61.2 21310	
S			74.9	F12S				P region 74.9-76.6m
S			76.6	F12P				Z sym 76.6-80.6m
S			80.3	CS12			61.5 21310	
S			80.6	F12Z				R region 80.6-87.4m; D at 85.0m Z at 86.9m;
S			81.6	P12			71.1 21310	
S			87.4	F12R				P region 87.4-90.3m
S			90.3	F12P				R region 90.3-91.4m
S			91.4	F12R				S sym 91.4-106.0m
S			91.9	CS12			61.4 21310	
S			97.8	CS12			61.8 21310	
S			101.5	CS12			61.0 21310	
S			101.6	F12S				M region 106.0-114.3m; D at 106.6m; Z/S = 2/1
S			111.1	CS12			71.5 21310	
S			111.4	F12M				S sym 114.3-118.5m
S			118.1	CS12			61.2 21310	
S			118.5	F12S				M region 118.5-130.0m Z/S = 3/1
S			121.4	CS12			51.5 21310	
S			130.0	F12M				S sym 130.0-135.7m

Metres!

FAULT

DDH FAGAL06
2 8

Cyprus Anvil Mining Corp.

Page _____ of _____

Structural Log

Date: _____ Logged By: _____

Code	From		To		Feature	SYM	S ₀		S ₁		S ₂		Description
	10	14	18	22			Dip	Direct.	Dip	Direct.	Dip	Direct.	
F		1618		1620	G								gauge
F		11160		11161	G								gauge
F		11256		11257	G								gauge
F		11361		11366	G								gauge
F		11548		11598	X10								massive py bxia
F		11639		11683	Q5								somewhat fractured
F													

DIAMOND DRILL RECORD

LOGGED BY J. Paxton

PROPERTY VANGORDA, GRUM JOINT VENTURE

HTW OLD by Sperry Sun 25774 206 200
 LATITUDE 10 741.58 N 8N BEARING OF HOLE 0° 90°
 DEPARTURE 7820.74 E 68W DIP OF HOLE 320° 074° 84°
 ELEVATION 1303.61 4237' DIP TESTS 560° 075° 78°

STARTED August 9, 1975

COMPLETED August 16, 1975

Proposed:
 DEPTH Ultimate: 190.5m

D.D.H. No. 75-A106

PAGE 1 of 5

CLAIM No. _____

DIRECTION AND DISTANCE FROM
 NE, CLAIM POST

metres FOOTAGE		DESCRIPTION	Rec. Ftm	Sample No.	metres Footage		Sample Length	Assay					Assay x Feet m				
FROM	TO				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag		
0	39.3 (?)	TRICONE BW CASING															
39.3	46.8	QUARTZ - SERICITE PHYLLITE Gray colour. Fissile. Numerous 5-10cm masses and veins of white quartz. F2 = 60° throughout.															
46.8	49.2	SULPHIDE ZONE 46.8-47.3 -- massive pyrite, lead-zinc with inclusions of white siliceous material. Estimate Pyrite Lead-zinc	2.4/ 2.4														
		47.3-47.6 -- banded siliceous material with traces of lead-zinc 60% 15%	0.8/ 0.8	2263	46.8	47.6	0.8	7.80	8.83	3.21			6.24	7.06	2.57		
		47.6-49.2 -- massive pyrite, lead-zinc with occasional 1-2cm inclusions of white siliceous material. Faint banding at 45° locally.	1.6/ 1.6	2264	47.6	49.2	1.6	11.94	9.11	5.32			19.10	14.58	8.51		
			weighted Average		46.8	49.2	2.4	10.56	9.02	4.62	(1583)		25.35	21.64	11.08		
49.2	50.3	BLEACHED QUARTZ - SERICITE PHYLLITE 50% consists of lenses and bands of quartz. Estimate 1% pyrite and a trace of lead-zinc.	1.1/ 1.1	2265	49.2	50.3	1.1	1.07	1.10	Tr							
50.3	50.5	MASSIVE SULPHIDE Estimate 20% pyrite, 25% lead-zinc.															
			0.2	2266	50.3	50.5	0.2	6.48	14.79	1.44							

DIAMOND DRILL RECORD

LOGGED BY J. Paxton

PROPERTY _____ D.D.H. No. 75-A106 PAGE 4 of 5
 LATITUDE _____ BEARING OF HOLE _____ STARTED _____ CLAIM No. _____
 DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____ DIRECTION AND DISTANCE FROM _____
 ELEVATION _____ DIP TESTS _____ DEPTH Proposed: _____ Ultimate: _____ NE. CLAIM POST _____



metres FOOTAGE		DESCRIPTION	Estimate		Rec. Ft. m	Sample No.	metres Footage		Sample Length	Assay					Assay x Feet - m		
FROM	TO		Pyr	Zn			From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag
		At 153.5 changes to massive barren pyrite with inclusions of previous barite type ore. At 154.8 changes to a breccia of quartz inclusions in sulphides roughly banded at 60° to C.A.	30%	25%	2.5	2268	151.3	153.8	2.5	5.48	8.28	2.85			13.70	20.70	7.13
			80%	2%	1.0	2269		154.8	1.0	5.33	5.50	2.21			5.33	5.50	2.21
			60%	6%	2.4	2270		157.2	2.4	7.82	9.00	2.94			18.77	21.60	7.06
			20%	3%	2.2	2271		159.4	2.2	1.25	1.66	.59					
			6%	6%	1.6	2272		161.2	1.8	4.28	5.28	1.56			7.704	9.504	2.808
160.0	168.5	QUARTZ - SERICITE PHYLLITE Pale gray. Numerous lenses and bands of quart. Scattered lead-zinc, pyrite mineralization. Fractured and brecciated. Local short (5-10cm) sections of graphite phyllite. Broken muddy core 161.5-162.7	3%	2%	2.5	2273	161.2	163.4	2.2						2.816	4.584	1.496
								164.0	2.8	1.28	2.22	.68					
							WT. Av.	151.3	157.2	5.9	6.41	8.10	2.78	(95.3)	37.80	47.80	16.40
							WT. Av.	159.4	163.4	4.0	2.63	3.597	1.00	(34.9)	10.520	14.388	4.304
168.5	178.0	QUARTZ SULPHIDE ZONE Pale gray silicified phyllite interbanded with 1-8cm bands of massive fine-grained pyrrhotite and pyrite. Rough F2 foliation folded into several open folds. Only traces of lead-zinc in most of the section.															
			Pyr	Zn													
			40%	5%	2.5	2274	168.5	171.0	2.5	.27	.51	.24			1.83	PZ	
178.0	181.3	QUARTZ PHYLLITE Mainly gray quartzite with partings of sericite. Interbands .5-1cm of pyrite, lead-zinc at 70°. Locally brecciated and recemented by sulphides.	40%	5%	2.6	2275		174.0	3.0	.27	.55	.24			2.46	"	
			40%	8%	2.2	2276		176.2	2.2	.24	.27	.27			1.12	"	
			30%	8%	1.8	2277		178.0	1.8	.20	.27	.27			.76	"	
			20%	2%	2.9	2278		181.3	3.3	.27	.35	.06			2.05	"	
							WT. Av.	168.5	181.3	12.8	0.6	PZ			8.19	"	

DDH: FAGA106 -- 42 DEGREE PROFILE

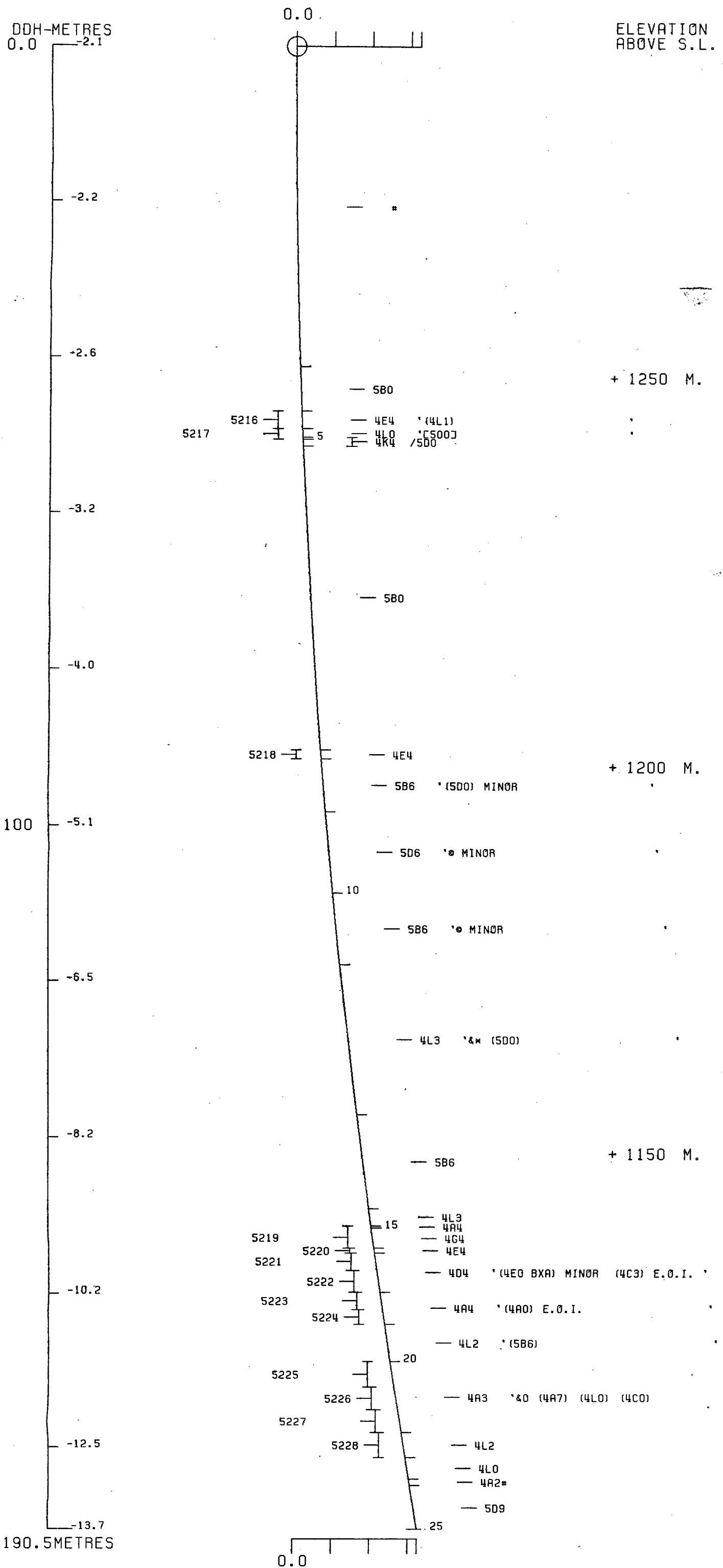
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1293 592515E ; 904954N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

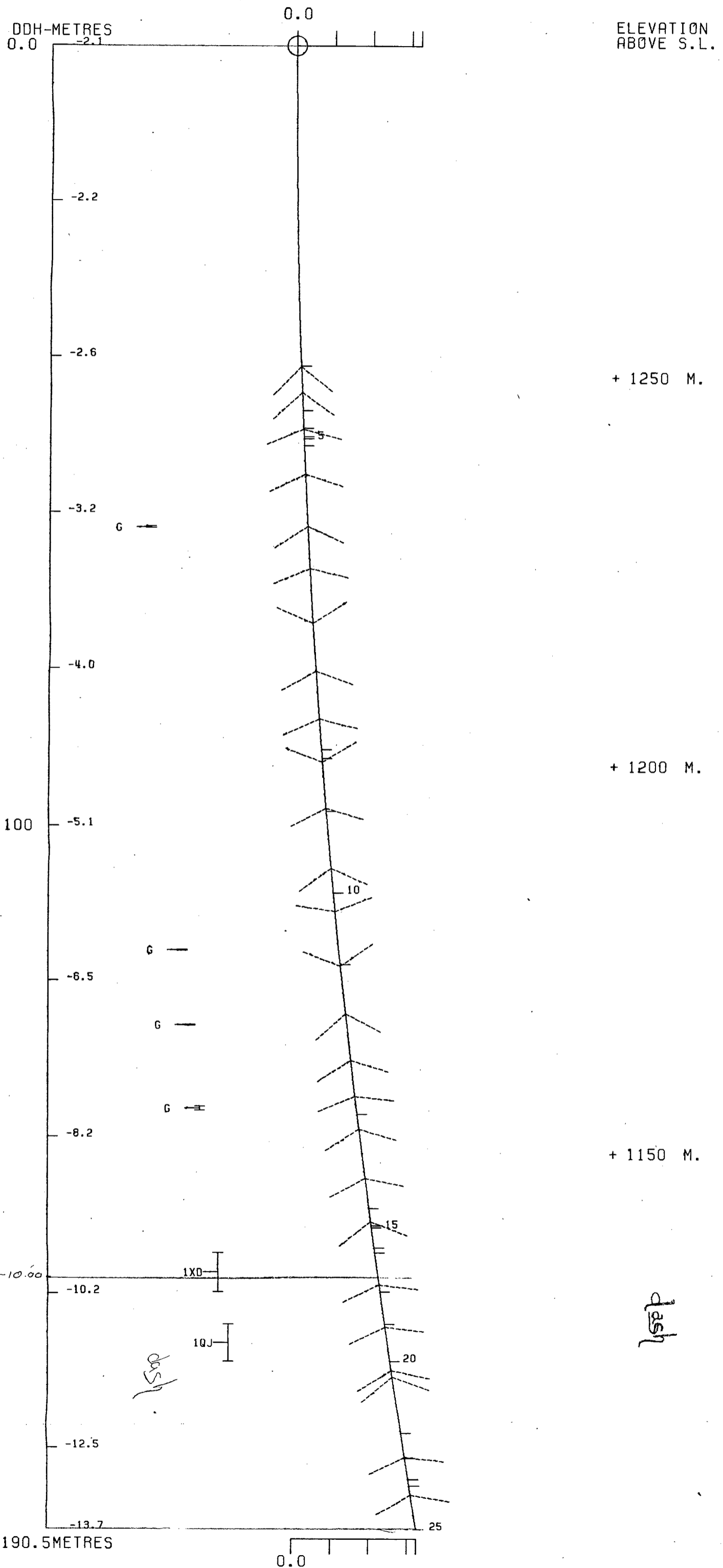
CORRECTED COLLAR POSITION: X = 612.0 Z = 1292.6

SECTION NAME: 68W



DDH: FAGA106 -- 42 DEGREE PROFILE
 (VIEW AZIMUTH = 312 DEGREES)

ELEV: 1293 592515E ; 904954N
 PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0
 CORRECTED COLLAR POSITION: X = 612.0 Z = 1292.6
 SECTION NAME: 68W



76 A134

84/10/16

GRUM DATABASE - QUIZ REPORT

PAGE 10

DCH	SAMPLE	---DEPTHS---		INT M	REC X	ROCK UNIT	S.G.	CU %	PB %	ZN %	AG G/MT	AU G/MT	PO %	PY %	BAO %	PB+ZN %	PO+PY %	ZN RATIO	
		FROM	TO																
FAGA134	9C171	65.7	66.4	.7	100	589			1.20	1.40	17.1								
	9C172	66.4	67.9	1.5	100	4G41			7.56	9.70	99.8					2.60			.54
	5244	67.9	69.2	1.3	100	4AH4	3.34	.07	5.06	5.54	76.0	.55	5.18	7.80		17.26			.56
	5245	72.7	75.0	2.3	100	4K64	3.89	.06	11.60	8.71	161.0	.55	2.22	12.10		10.60	12.98		.52
	5246	75.0	78.0	3.0	100	4K64	4.33	.07	16.80	11.10	241.0	.96	2.34	14.80		20.31	14.32		.43
	5247	84.6	86.0	1.4	100	4G4#	4.04	.03	6.76	11.30	104.0	.69	1.70	17.20		27.90	17.14		.40
	5248	86.0	87.5	1.5	100	4A4	3.08	.04	3.26	6.53	49.0	.69	2.13	5.70		18.06	18.9C		.63
	5249	94.0	97.0	3.0	100	4A0	2.83	.04	1.20	2.03	18.0	.55	2.02	3.45		9.79	7.83		.67
	5250	97.0	99.5	2.5	100	4A4	3.05	.04	3.04	6.85	49.0	.75	1.86	6.70		3.23	5.47		.63
	5251	99.5	102.5	3.0	67	4G4#	3.51	.03	3.77	7.82	55.0	.41	1.70	11.30		9.89	8.56		.69
	5252	105.3	107.7	2.4	100	400	3.04	.05	3.78	6.08	61.0	.27	2.51	7.00		11.59	13.0C		.67
	5253	148.9	151.0	2.1	100	4A0	3.00	.04	1.30	1.56	21.0	.62	2.29	8.00		9.86	9.51		.62
	5254	151.0	153.8	2.8	100	4A0	3.05	.16	.76	1.41	16.0	.48	3.61	4.34		2.86	10.29		.55
	5255	153.8	154.7	.9	100	4G4	4.10	.09	5.17	10.26	87.0	.55	2.78	17.80		2.17	7.95		.65
	5256	157.2	159.0	1.8	100	4G34	4.35	.21	6.93	5.43	95.0	.82	5.42	22.30		15.43	20.58		.66
	5257	159.0	160.5	1.5	100	4G34	4.51	.06	6.33	7.55	97.0	.41	2.28	15.00		12.36	27.72		.44
	5258	160.5	162.0	1.5	100	4G34	4.31	.02	6.54	7.77	72.0	.14	1.68	11.60		13.88	17.28		.54
	5259	162.0	163.2	1.2	100	4G3	3.93	.06	3.47	5.93	50.0	.27	2.26	12.90		14.31	13.28		.54
	92149	163.2	163.7	.5	100	504*			.63	1.68	11.0					9.40	15.16		.63
	5261	163.7	165.2	1.5	100	4083	3.97	.19	4.46	3.54	61.0	1.51	8.35	20.40		2.31			.73
	5262	165.2	166.7	1.5	100	4083	3.87	.14	3.25	1.87	45.0	1.23	4.75	22.50		8.00	28.75		.44
	5263	166.7	168.2	1.5	100	4C83	3.81	.35	.63	.20	17.0	1.51	1.70	27.50		5.12	27.25		.37
	5264	168.2	171.2	3.0	100	4C83	3.72	.36	.17	.17	10.0	.62	3.83	23.80		.83	29.20		.24
	5265	171.2	174.2	3.0	100	4C83	3.55	.52	.11	.10	8.0	1.10	6.06	19.90		.34	27.63		.50
	5266	174.2	176.2	2.0	100	4C83	3.63	.24	1.55	1.40	25.0	.89	5.84	21.60		.21	25.96		.48
	5267	176.2	178.2	2.0	100	4048	3.42	.12	4.23	6.01	55.0	.62	6.75	10.00		2.95	27.44		.47
	5268	178.2	181.2	3.0	100	4C83	3.67	.13	1.67	1.00	22.0	.34	11.16	18.00		10.24	16.75		.59
	5269	181.2	183.2	2.0	100	4H18	3.54	.18	.29	.60	10.0	.41	8.53	17.80		2.67	29.16		.37
	5270	183.2	185.2	2.0	100	4H18	3.38	.34	.36	.54	12.0	.89				.89	26.33		.67
	5271	185.2	187.2	2.0	100	4H18	3.32	.26	.37	.57	10.0	.21				.90			.60
	5272	187.2	189.7	2.5	100	4H18	3.43	.27	.36	.58	11.0	.62				.94			.61
																.94			.62

21FEB84 GRUM

COMPOSITES (DHO20)

PAGE: 10

DRILL HOLE : FAGA134
NORTHING : 904,935.0
EASTING : 592,493.9
ELEVATION : 1,290.6
TOTAL DEPTH : 196.3
SECTION : W 68
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS CRE-SAMPLES: 31
NOS DOWN-H-SURVEYS: 2
NOS DOWN-H-LITHOLOGY: 40
NOS DOWN-H-STRUCTURE: 52
NOS DOWN-H-FAULTS: 5
NOS DOWN-H-SPLINES: 2
NOS COMPOSITES: 0

21FEB84 GRUM

CRE SAMPLES & ASSAYS (DHC20)

PAGE: 11

DDH: FAGA134 UTM-N: 904,935.0 UTM-E: 592,493.9 UTM-ELEV: 1,290.6 TOTAL DEPTH: 196.3 SECTION: W 68
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

---DEPTHS---		SAMPLE NO.	INT.	REC.	ROCK UNIT	-----ASSAYS-----													
FROM	TO					S.G. PULP	CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TCT FE	BAD %	HG %	MN %	AS %
65.7	66.4	9C171	.7	.7	5B9			1.2C	1.4C	17.10									
66.4	67.9	9C172	1.5	1.5	4G41			7.56	9.70	99.80									
67.9	69.2	05244	1.3	1.3	4AH4	3.34	.07	5.06	5.54	76.00	.55	5	7	12					
72.7	75.0	05245	2.3	2.3	4K64	3.89	.06	11.6C	8.71	161.00	.55	2	12	14					
75.0	78.0	05246	3.0	3.0	4K64	4.33	.07	16.80	11.1C	241.00	.96	2	14	17					
84.6	86.0	05247	1.4	1.4	4G4#	4.04	.03	6.76	11.3C	104.00	.69	1	17	18					
86.0	87.5	05248	1.5	1.5	4A4	3.08	.04	3.26	6.53	49.00	.69	2	5	7					
94.0	97.0	05249	3.0	3.0	4A0	2.83	.04	1.20	2.03	18.00	19.00	.55	2	3	5				
97.0	99.5	05250	2.5	2.5	4A4	3.05	.04	3.04	6.85	49.00		.75	1	6	8				
99.5	102.5	05251	3.0	2.0	4G4#	3.51	.03	3.77	7.82	55.00		.41	1	11	13				
105.3	107.7	05252	2.4	2.4	4D0	3.04	.05	3.78	6.08	61.00		.27	2	7	9				
148.9	151.0	05253	2.1	2.1	4A0	3.00	.04	1.3C	1.56	21.00		.62	2	8	10				
151.0	153.8	05254	2.8	2.8	4A0	3.05	.16	.76	1.41	16.00		.48	3	4	7				
153.8	154.7	05255	.9	.9	4G4	4.1C	.09	5.17	10.26	87.00		.55	2	17	20				
157.2	159.0	05256	1.8	1.8	4G34	4.35	.21	6.93	5.43	95.00		.82	5	22	27				
159.0	160.5	05257	1.5	1.5	4G34	4.51	.06	6.33	7.55	97.00		.41	2	15	17				
160.5	162.0	05258	1.5	1.5	4G34	4.31	.02	6.54	7.77	72.00		.14	1	11	13				
162.0	163.2	05259	1.2	1.2	4G3	3.93	.06	3.47	5.93	50.00	54.00	.27	2	12	15				
163.2	163.7	92149	.5	.5	5D4*			.63	1.68	10.97									
163.7	165.2	05261	1.5	1.5	4D83	3.97	.19	4.46	3.54	61.00		1.51	8	20	28				
165.2	166.7	05262	1.5	1.5	4D83	3.87	.14	3.25	1.87	45.00		1.23	4	22	27				
166.7	168.2	05263	1.5	1.5	4C83	3.81	.35	.63	.20	17.00		1.51	1	27	29				
168.2	171.2	05264	3.0	3.0	4C83	3.72	.36	.17	.17	10.00		.62	3	23	27				
171.2	174.2	05265	3.0	3.0	4C83	3.55	.52	.11	.10	8.00		1.1C	6	19	25				
174.2	176.2	05266	2.0	2.0	4C83	3.63	.24	1.55	1.40	25.00		.89	5	21	27				
176.2	178.2	05267	2.0	2.0	4D48	3.42	.12	4.23	6.01	55.00		.62	6	10	16				
178.2	181.2	05268	3.0	3.0	4C83	3.67	.13	1.67	1.00	22.00		.34	11	18	29				
181.2	183.2	05269	2.0	2.0	4H18	3.54	.18	.29	.60	10.00		.41	8	17	26				
183.2	185.2	05270	2.0	2.0	4H18	3.38	.34	.36	.54	12.00		.89							
185.2	187.2	05271	2.0	2.0	4H18	3.32	.26	.37	.57	10.00		.21							
187.2	189.7	05272	2.5	2.5	4H18	3.43	.27	.36	.58	11.00		.62							

WEIGHTED AVERAGE

65.7	69.2	3.5	3.5	1.24	.02	5.35	6.49	74.42		.20	1	2	4						
72.7	78.0	5.3	5.3	4.13	.06	14.54	10.06	206.28		.78	2	13	15						
84.6	87.5	2.9	2.9	3.54	.03	4.94	6.83	75.55		.69	1	11	13						
94.0	102.5	8.5	7.5	3.13	.03	2.64	5.49	40.17	6.7C	.55	1	7	9						
105.3	107.7	2.4	2.4	3.04	.05	3.78	6.08	61.00		.27	2	7	9						
148.9	154.7	5.8	5.8	3.19	.10	1.63	2.83	28.82		.54	3	7	10						
157.2	189.7	32.5	32.5	3.66	.23	2.12	2.23	32.18	1.99	.7C	4	14	19						

21FEB84 GRUM

DOWN-HOLE SURVEYS (DHO20)

PAGE: 12

DDH: FAGA134 UTM-N: 904,935.0 UTM-E: 592,493.9 UTM-ELEV: 1,290.6 TOTAL DEPTH: 196.3 SECTION: W 68
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHO CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	130.000	0.000
135.600	175.900	69.000

DDH: FAGA134 UTM-N: 904,935.0 UTM-E: 592,493.9 UTM-ELEV: 1,290.6 TOTAL DEPTH: 196.3 SECTION: W 68
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
39.6	OCC1	#		0.5-	1
43.3	OCC2	5B0		0.5-	1
44.5	OCC3	5D0	(4D4) MINOR	0.5-	1
45.6	OCC4	4A4	(5D9) MINOR	0.5-	1
49.1	OCC5	5B0	(5D0) 70:30	0.5-	1
50.7	OCC6	4L0	[5C4*]?	0.5-	1
60.6	OCC7	5B6		0.5-	1
62.1	OCC8	4A4	(4K46) 75:25	0.5-	1
66.4	OCC9	5B6	(4L4) (5D0) BOTH MINOR (4K4)	0.5-	1
67.9	OC10	4G41		0.5-	1
68.9	OC11	4A4	(4L0)	0.5-	1
69.2	OC12	4HC		0.5-	1
72.7	OC13	5D0	a	0.5-	1
73.0	OC14	4K64	(4G#) 90:10 [4G4*]	0.5-	1
78.7	OC15	5D6		0.5-	1
83.6	OC16	5B0		0.5-	1
84.6	OC17	5D0		0.5-	1
86.0	OC18	4G4#	(4K6)	0.5-	1
89.6	OC19	4A4	(5D9) 85:15	0.5-	1
94.0	OC20	5D0		0.5-	1
99.5	OC21	4A4	(4A0) T.O.I.	0.5-	1
102.0	OC22	4G4#		0.5-	1
102.5	OC23	4A4	-> (5B6) E.O.I.	0.5-	1
105.3	OC24	5D0	(4A4) 93:07	0.5-	1
107.7	OC25	4D0		0.5-	1
126.3	OC26	5D0		0.5-	1
128.7	OC27	5B0		0.5-	1
129.3	OC28	5D6		0.5-	1
130.6	OC29	5B6		0.5-	1
132.0	OC30	4L0		0.5-	1
134.5	OC31	5D6		0.5-	1
146.9	OC32	5B6		0.5-	1
153.8	OC33	4A0	(5D0) 65:35	0.5-	1
154.7	OC34	4G4		0.5-	1
157.2	OC35	5D6		0.5-	1
163.2	OC36	4G34	(4G30) E.O.I.	0.5-	1
163.7	OC37	5D4*	[4L1]	0.5-	1
181.2	OC38	4C38	(4D38) T.O.I.	0.5-	1
189.7	OC39	4H18		0.5-	1
196.3	OC40	5D0		0.5-	1

DDH: FAGA134 UTM-N: 904,935.0 UTM-E: 592,493.9 UTM-ELEV: 1,290.6 TOTAL DEPTH: 196.3 SECTION: W 68
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	SO ANGLE	DIRECT	S1 ANGLE	DIRECT	S2 ANGLE	DIRECT	RFE	CDE	DHDC	SOC	PROCESS
FAGA134	0.0	39.7	CS2		0	0	0	C	52	230	C		1	1	1
FAGA134	39.6	42.5	CS2	S	0	0	0	C	0	0	C		1	1	1
FAGA134	42.5	44.0	PS2	P	0	0	0	C	0	0	C		1	1	1
FAGA134	0.0	46.0	CS2		0	0	0	C	72	230	C		1	1	1
FAGA134	44.0	46.2	CS2	Z	0	0	0	C	0	0	C		1	1	1
FAGA134	0.0	53.0	CS2		0	0	0	C	60	230	C		1	1	1
FAGA134	46.2	57.7	CS2	S	0	0	0	C	0	0	C		1	1	1
FAGA134	0.0	59.5	CS2		0	0	0	C	69	230	C		1	1	1
FAGA134	0.0	67.3	CS2		0	0	0	C	71	230	C		1	1	1
FAGA134	57.7	67.8	CS2	M	0	0	0	C	0	0	C		1	1	1
FAGA134	67.8	69.2	PS2	P	0	0	0	C	0	0	C		1	1	1
FAGA134	0.0	72.3	CS2		0	0	0	C	69	230	C		1	1	1
FAGA134	69.2	72.7	CS2	Z	0	0	0	C	0	0	C		1	1	1
FAGA134	72.7	78.0	PS2	P	0	0	0	C	0	0	C		1	1	1
FAGA134	0.0	78.6	CS2		0	0	0	C	71	230	C		1	1	1
FAGA134	78.0	82.2	CS2	M	0	0	0	C	0	0	C		1	1	1
FAGA134	0.0	83.2	CS2		0	0	0	C	62	230	C		1	1	1
FAGA134	82.3	84.7	CS2	M	0	0	0	C	0	0	C		1	1	1
FAGA134	84.7	86.0	PS2	P	0	0	0	C	0	0	C		1	1	1
FAGA134	0.0	90.1	CS2		0	0	0	C	70	230	C		1	1	1
FAGA134	96.0	92.3	CS2	S	0	0	0	C	0	0	C		1	1	1
FAGA134	92.3	93.9	CS2	Z	0	0	0	C	0	0	C		1	1	1
FAGA134	0.0	94.8	CS2		0	0	0	C	72	230	C		1	1	1
FAGA134	93.9	99.5	CS2	M	0	0	0	C	0	0	C		1	1	1
FAGA134	99.5	102.0	PS2	P	0	0	0	C	0	0	C		1	1	1
FAGA134	0.0	102.5	CS2		0	0	0	C	68	230	C		1	1	1
FAGA134	102.0	104.4	CS2	Z	0	0	0	C	0	0	C		1	1	1
FAGA134	0.0	109.4	CS2		0	0	0	C	72	230	C		1	1	1
FAGA134	104.4	109.6	CS2	S	0	0	0	C	0	0	C		1	1	1
FAGA134	0.0	114.2	CS2		0	0	0	C	64	230	C		1	1	1
FAGA134	0.0	119.6	CS2		0	0	0	C	63	230	C		1	1	1
FAGA134	109.6	123.8	CS2	Z	0	0	0	C	0	0	C		1	1	1
FAGA134	0.0	125.6	CS2		0	0	0	C	65	230	C		1	1	1
FAGA134	0.0	130.0	CS2		0	0	0	C	58	230	C		1	1	1
FAGA134	123.8	130.2	CS2	S	0	0	0	C	0	0	C		1	1	1
FAGA134	0.0	136.3	CS2		0	0	0	C	57	230	C		1	1	1
FAGA134	0.0	144.4	CS2		0	0	0	C	40	230	C		1	1	1
FAGA134	130.2	147.2	CS2	Z	0	0	0	C	0	0	C		1	1	1
FAGA134	0.0	148.2	CS2		0	0	0	C	72	230	C		1	1	1
FAGA134	147.2	148.9	CS2	S	0	0	0	C	0	0	C		1	1	1
FAGA134	0.0	153.7	PS2		0	0	0	C	45	230	C		1	1	1
FAGA134	148.9	154.8	PS2	P	0	0	0	C	0	0	C		1	1	1
FAGA134	0.0	157.0	CS2		0	0	0	C	70	230	C		1	1	1
FAGA134	154.8	157.2	CS2	S	0	0	0	C	0	0	C		1	1	1
FAGA134	0.0	163.7	PS2		0	0	0	C	61	230	C		1	1	1
FAGA134	0.0	176.5	PS2		0	0	0	C	55	230	C		1	1	1
FAGA134	0.0	178.8	PS2		0	0	0	C	50	230	C		1	1	1
FAGA134	0.0	185.4	PS2		0	0	0	C	55	230	C		1	1	1
FAGA134	157.2	189.7	PS2	P	0	0	0	C	0	0	C		1	1	1
FAGA134	0.0	192.1	CS2		0	0	0	C	73	230	C		1	1	1
FAGA134	0.0	196.3	CS2		0	0	0	C	74	230	C		1	1	1

21FEB84 GRUM

DOWN-HOLE STRUCTURE (DH020)

PAGE: 15

DDH: FAGA134 UTM-N: 904,935.0 UTM-E: 592,493.9 UTM-ELEV: 1,290.6 TOTAL DEPTH: 196.3 SECTION: W 68
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYTRY	SC	ANGLE	DIRECT	S1	ANGLE	DIRECT	S2	ANGLE	DIRECT	RFE	CDE	DHDC	SDC	PROCESS
FAGA134	189.7	196.3	CS2	S		0	0	0	0	0	0	0	0	C	C	1	1	1

21FEB84 GRUM

DOWN-HOLE SPLINES (DHO20)

PAGE: 17

DDH: FAGA134 UTM-N: 904,935.0 UTM-E: 592,493.9 UTM-ELEV: 1,290.6 TOTAL DEPTH: 196.3 SECTION: W 68
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH SEGMENT NOS COND INDICATOR

FAGA134	1	2
FAGA134	2	1

84/10/16

GRUM DATABASE - QUIZ REPORT

PAGE 10

DCH	SAMPLE	---DEPTHS---		INT M	REC X	ROCK UNIT	S.G.	CU X	PB X	ZN X	AG G/MT	AU G/MT	PO X	PY X	BAO X	PB+ZN X	PO+PY X	ZN RATIO	
		FROM	TO																
FAGA134	9C171	65.7	66.4	.7	100	5B9			1.20	1.40	17.1					2.60			.54
	9C172	66.4	67.9	1.5	100	4G41			7.56	9.70	99.8					17.26			.56
	5244	67.9	69.2	1.3	100	4A44	3.34	.07	5.06	5.54	76.0	.55	5.18	7.80		10.60	12.98		.52
	5245	72.7	75.0	2.3	100	4K64		.06	11.60	8.71	161.0	.55	2.22	12.10		20.31	14.32		.43
	5246	75.0	78.0	3.0	100	4K64	4.33	.07	16.80	11.10	241.0	.96	2.34	14.80		27.90	17.14		.40
	5247	84.6	86.0	1.4	100	4G4#	4.04	.03	6.76	11.30	104.0	.69	1.70	17.20		18.06	18.90		.63
	5248	86.0	87.5	1.5	100	4A4	3.08	.04	3.26	6.53	49.0	.69	2.13	5.70		9.79	7.83		.67
	5249	94.0	97.0	3.0	100	4A0	2.83	.04	1.20	2.03	18.0	.55	2.02	3.45		3.23	5.47		.63
	5250	97.0	99.5	2.5	100	4A4	3.05	.04	3.04	6.85	49.0	.75	1.86	6.70		9.89	8.56		.69
	5251	99.5	102.5	3.0	67	4G4#	3.51	.03	3.77	7.82	55.0	.41	1.70	11.30		11.59	13.00		.67
	5252	105.3	107.7	2.4	100	400	3.04	.05	3.78	6.08	61.0	.27	2.51	7.00		9.86	9.51		.62
	5253	148.9	151.0	2.1	100	4A0	3.00	.04	1.30	1.56	21.0	.62	2.29	8.00		2.86	10.29		.55
	5254	151.0	153.8	2.8	100	4A0	3.05	.16	.76	1.41	16.0	.48	3.61	4.34		2.17	7.95		.65
	5255	153.8	154.7	.9	100	4G4	4.10	.09	5.17	10.26	87.0	.55	2.78	17.80		15.43	20.58		.66
	5256	157.2	159.0	1.8	100	4G34	4.35	.21	6.93	5.43	95.0	.82	5.42	22.30		12.36	27.72		.44
	5257	159.0	160.5	1.5	100	4G34	4.51	.06	6.33	7.55	97.0	.41	2.28	15.00		13.88	17.28		.54
	5258	160.5	162.0	1.5	100	4G34	4.31	.02	6.54	7.77	72.0	.14	1.68	11.60		14.31	13.28		.54
	5259	162.0	163.2	1.2	100	4G3	3.93	.06	3.47	5.93	50.0	.27	2.26	12.90		9.40	15.16		.63
	92149	163.2	163.7	.5	100	5D4*			.63	1.68	11.0					2.31			.73
	5261	163.7	165.2	1.5	100	4D83	3.97	.19	4.46	3.54	61.0	1.51	8.35	20.40		8.00	28.75		.44
	5262	165.2	166.7	1.5	100	4D83	3.87	.14	3.25	1.87	45.0	1.23	4.75	22.50		5.12	27.25		.37
	5263	166.7	168.2	1.5	100	4C83	3.81	.35	.63	.20	17.0	1.51	1.70	27.50		.83	29.20		.24
	5264	168.2	171.2	3.0	100	4C83	3.72	.36	.17	.17	10.0	.62	3.83	23.80		.34	27.63		.50
	5265	171.2	174.2	3.0	100	4C83	3.55	.52	.11	.10	8.0	1.10	6.06	19.90		.21	25.96		.48
	5266	174.2	176.2	2.0	100	4C83	3.63	.24	1.55	1.40	25.0	.89	5.84	21.60		2.95	27.44		.47
	5267	176.2	178.2	2.0	100	4D48	3.42	.12	4.23	6.01	55.0	.62	6.75	10.00		10.24	16.75		.59
	5268	178.2	181.2	3.0	100	4C83	3.67	.13	1.67	1.00	22.0	.34	11.16	18.00		2.67	29.16		.37
	5269	181.2	183.2	2.0	100	4H18	3.54	.18	.29	.60	10.0	.41	8.53	17.80		.89	26.33		.67
	5270	183.2	185.2	2.0	100	4H18	3.38	.34	.36	.54	12.0	.89				.90			.60
	5271	185.2	187.2	2.0	100	4H18	3.32	.26	.37	.57	10.0	.21				.94			.61
	5272	187.2	189.7	2.5	100	4H18	3.43	.27	.36	.58	11.0	.62				.94			.62

84/1C/16

GRUM DATABASE - QUIZ REPORT

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DDH	SAMPLE	ROCK UNIT	CPY	NORMATIVE MINERALS - WEIGHT %					OTHER	*	CPY	NORMATIVE MINERALS - VOLUME %					OTHER
				GA	SP	PO	PY	BAR				GA	SP	PO	PY	BAR	
				1.39	2.09				96.53	*							
				8.73	14.46				76.81	*							
				5.84	8.26	8.15	16.77		60.77	*	-.16	2.59	6.86	5.88	11.14		73.38
			-.20	13.40	12.98	3.49	26.02		43.93	*	-.15	6.61	12.02	2.81	19.27		59.14
			-.17	19.40	16.55	3.68	31.83		28.34	*	-.20	10.67	17.06	3.30	26.26		42.51
			-.20	7.81	16.85	2.67	36.99		35.60	*	-.08	3.97	16.08	2.22	28.24		49.41
			-.09	3.76	9.73	3.35	12.26		70.78	*	-.09	1.57	7.63	2.28	7.69		80.73
			-.12	1.39	3.03	3.18	7.42		84.88	*	-.08	.54	2.22	2.03	4.36		90.76
			-.12	3.51	10.21	2.93	14.41		68.83	*	-.09	1.48	8.08	2.01	9.12		79.22
			-.09	4.35	11.66	2.67	24.30		56.93	*	-.07	1.96	9.83	1.96	16.39		69.80
			-.14	4.37	9.06	3.95	15.05		67.42	*	-.11	1.86	7.25	2.74	9.63		78.41
			-.12	1.50	2.33	3.60	17.20		75.25	*	-.08	.62	1.79	2.42	10.62		84.47
			-.46	.88	2.10	5.68	9.33		81.55	*	-.33	.35	1.57	3.68	5.57		88.50
			-.26	5.97	15.30	4.37	38.28		35.82	*	-.24	3.03	14.53	3.61	29.09		49.50
			-.61	8.00	8.10	8.52	47.96		26.81	*	-.59	4.37	8.28	7.59	39.26		39.91
			-.17	7.31	11.26	3.59	32.26		45.42	*	-.15	3.53	10.20	2.83	23.40		59.89
			-.06	7.55	11.58	2.64	24.95		53.22	*	-.05	3.49	10.04	1.99	17.30		67.12
			-.17	4.01	8.84	3.55	27.74		55.68	*	-.14	1.82	7.53	2.63	18.90		68.98
				.73	2.50				96.77	*							
			-.55	5.15	5.28	13.13	43.87		32.02	*	-.51	2.70	5.19	11.24	34.53		45.82
			-.40	3.75	2.79	7.47	48.39		37.20	*	-.37	1.92	2.67	6.22	37.05		51.78
			1.01	.73	.30	2.67	59.14		36.15	*	-.93	.37	.29	2.24	45.55		50.62
			1.04	.20	.25	6.02	51.18		41.30	*	-.92	-.10	.24	4.87	38.05		55.83
			1.50	.13	.15	9.53	42.79		45.90	*	1.29	-.06	.13	7.47	30.86		60.18
			-.69	1.79	2.09	9.18	46.45		39.79	*	-.62	.89	1.96	7.48	34.82		54.23
			-.35	4.89	8.96	10.62	21.51		53.69	*	-.28	2.24	7.70	7.93	14.78		67.08
			-.38	1.93	1.49	17.55	38.71		39.94	*	-.33	.96	1.39	14.24	28.89		54.19
			-.52	.33	.89	13.42	38.28		46.56	*	-.44	-.16	.80	10.46	27.45		60.69
			-.98	.42	.81				97.80	*							
			-.75	.43	.85				97.97	*							
			-.78	.42	.86				97.94	*							

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

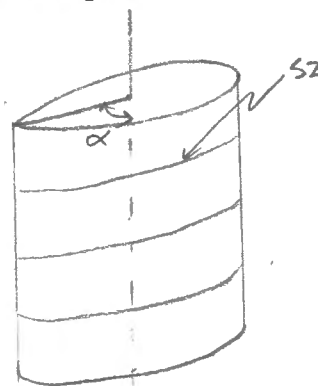
Hole Number: 76-A134

Fabric Orientation Diagram:

Project: GRUM

Location: VANGORDA PLATEAU

Claim: _____



UTM

Terr. Plane Co-ords.: 6904,934.99 N

592,493.87 E

*1979 US20
Orthophoto Survey*

Grid Co-ords.: 68W | 7N

All symmetry determinations looking

NW with S2 dipping

SW with dip azimuth 230.

Elevation: 1290.57

Total Depth: 196.3 m.

Purpose: _____

RE
Logged by: PN

Date(s) Logged: JUNE 3, 4, 6 / 80

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

BQ 0 EDH

Started: 7/8/76 Completed: 10/8/76

Lithologic Log

Code	From	To	Unit	Code	Description
I	10 14 16 20 22 23 25 27				
L	100	1396	11		o/B
L	1396	1438	12	5B10	w/ minor py blebs; po blebs in qtz lenses
	1438	1445	13	5D10	w/ py blebs; 4D4 bet. 44.4-44.5 m.
L	1445	1456	14	4A14	sph & gal bands, py blebs; 5D9 w/ sph, gal, py bands
					& qtz lenses bet. 45.1-45.4 m; calcite in qtz veins
L	1456	1491	15	5B10	5B0/5D0 = 70/30; 5D0 incr. towards bottom;
					bet 48.2-49.1 m mottled & brecciated 5B0 w/ soft
					dark green mineral assoc. w/ brown calcareous
					material; qtz lenses
L	1491	1507	16	4L10	slightly calcareous; py & po blebs; po more abundant towards
					bottom; strange soft dark green mineral throughout; qtz
					lenses;
L	1507	1606	17	5B16	slightly calcareous; minor py, po blebs; same green mineral
					throughout;
L	1606	1621	18	4A14	w/ sph bands; 4K4 with barite from 60.6-60.8, 61.9-62.1 m
L	1621	1679	19	5B16	slightly calcareous; w/ green mineral + carbonate ^{asph} w/ qtz lenses;
		66.4			minor 4L4 and 5D0 bands; 4K4 with barite from
	66.4	67.9		4G4	63.3-63.6 m and 65.2-65.5 m; minor matrix
L	1679	1689	110	4A14	minor carbonate; few bands of 4L0 w/ py & sph; gal blebs
L	1689	1692	111	4H10	minor carbonate
L	1692	1727	112	5D10	(ankerite) carbonate assoc. w/ qtz lenses; minor py; talcy
L	1727	1780	113	4K6	w/ sph, gal, py; abundant barite, calcite & gal bet. 74.0-74.5 m.
L	1780	1787	114	5D16	
L	1787	1836	115	5B10	variably calcareous; slightly graphitic
L	1836	1846	116	5D10	
L	1846	1860	117	4G4	4G4/4K6; variably calcareous; w/ sph, gal, py
L	1860	1896	118	4A14	slightly calcareous; 5D9 bet. 86.9-87.5 m w/ sph, py, gal
L	1896	1940	119	5D10	minor py blebs, sph, po
L	1940	1995	210	4A14	slightly calcareous w/ py, sph, gal.
L	1995	110120	211	4G4	variably calcareous; coarse-gr. calcite in fractures; py;
					sph and lesser gal.
L	110120	110125	212	4A14	grades into 5B6 towards bottom
L	110125	110153	213	5D10	w/ minor py, sph, gal; 4A4 from 104.9-105.1 m
L	110153	110177	214	4D4	slightly calcareous; banded
L	110177	112163	215	5D10	qtz veins w/ ankerite; minor py blebs; gouge from 115.1-
					115.4 m; minor po

DDH 76-A134
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Cyprus Anvil Mining Corp.
Lithologic Log

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Logged By: PN

Code	From		To		Unit		Code	Description
	10	14	16	20	22	23		
L	1126	3	1128	7	26		5B10	minor py
L	1128	7	1129	3	27		5D16	siliceous; minor py, po bands
L	1129	3	1130	6	28		5B16	minor py bands
L	1130	6	1132	0	29		4L40	minor py
L	1132	0	1134	5	30		5D16	minor py, sph bands; po blebs; atz veins
L	1134	5	1148	9	31		5B16	py bands; brecciated atz-ankerite lenses; po blebs; gauge from 144.4-144.6 m. & 147.7-148.0 m
L	1148	9	1153	8	32		4A10	minor py blebs & sph bands; slightly calcareous SDO from 150.7-151.7 m and from 153.0-153.8 m;
L	1153	8	1154	7	33		4G14	ul sph, gal, py; banded; slightly calcareous
L	1154	7	1157	2	34		5D16	non-calcareous; minor atz lenses, py
L	1157	2	1163	2	35		4G13	minor sph, gal, mt; slightly calcareous
L	1163	2	1163	7	36		4L11	minor malposite [5D4*] (4D8) T.O.F.
L	1163	7	1181	2	37		4D14	slightly calcareous; minor mt, po; minor py breccia at 166.2 m; sporadic sph & gal throughout; minor cp
L	1181	2	1189	7	38		4H11	minor sph, gal, cp, mt;
L	1189	7	1196	3	39		5D10	minor py;
			1E04					

Code	From		To		Feature	S ₁ Dip Direct.	S ₂ Dip Direct.		Description
	10	14 16	20	22 24 26 28			32	34 38	
									0-39.6m.
S			39.7		C/SZ		5R	21310	
S			42.5		F/ZS				P region 42.5-44.0m
S			44.0		F/ZP				Z Sym 44.0-46.2m
S			46.0		C/SZ		72	21310	
S			46.2		F/Z3				S Sym 46.2-57.7m
									D at 53.5m.
S			53.0		C/SR		610	21310	
S			57.7		F/ZS				M region 57.7-67.8m; minor R
									regions (massive sulphides) from 60.6-61.0m
									61.7-62.1m; S/Z = 2/1 approx.; F4 at 64.2m
S			59.5		C/SZ		69	21310	
S			67.3		C/SZ		711	21310	
S			67.8		F/ZM				R region 67.8-69.2m. (Sulphides)
S			69.2		F/ZR				Z Sym 69.2-72.7m; D at 71.7m
S			72.3		C/SZ		69	21310	
S			72.7		F/ZZ				R region 72.7-78.0m (m. sulphides)
S			78.0		F/ZR				M region 78.0-82.2m; S/Z = 3/1
S			78.6		C/SZ		711	21310	
S			82.2		F/ZM				S Sym 82.2-84.7m
S			83.2		C/SZ		612	21310	
S			84.7		F/ZS				R region 84.7-86.0m
S			86.0		F/ZR				S Sym 86.0-92.3m
S			91.0		C/SZ		710	21310	
S			92.3		F/ZE				Z Sym 92.3-93.9m
S			93.9		F/ZZ				M region 93.9-99.5m
S			94.8		C/SZ		72	21310	
S			99.5		F/ZM				R region 99.5-102.0m (m. sulphides)
S			102.0		F/ZR				Z Sym 102.0-104.4m
S			102.5		C/SZ		618	21310	
S			104.4		F/Z3				S Sym 104.4-109.6m
S			109.4		C/SZ		72	21310	
S			109.6		F/ZE				Z Sym 109.6-123.8m; D at 119.8m
S			111.4		C/SZ		64	21310	
S			111.9		C/SZ		63	21310	
S			123.8		F/ZZ				S Sym 123.8-130.2m; D at 129.8m

Code	From		To		Feature	S ₁ Dip Direct.	S ₂ Dip Direct.		Description	
	10	14	16	20			22	24		26
S			1125	6	CISZ			65	2310	
S			11310	0	CISZ			58	2310	
S			11310	2	IFZ E					Z sym 130.2-147.2m although ambiguous from 134.0 to 143.3m.
S			1136	3	CISZ			57	2310	
S			1144	4	CISZ			40	2310	
S			1147	2	IFZ B					S sym. 147.2-148.9m.
S			1148	2	CISZ			72	2310	
S			1148	9	IFZ S					R region 148.9-154.8m (m. sulphides) unknown from 150.7-151.7m and 153.0-153.8m ambiguous (non-sulphide-bearing); more steeply dipping S ₂ in non-sulph. regions
S			1153	7	PISZ			45	2310	
S			1154	8	IFZ R					S sym 154.8-157.2m quite ambiguous; D at 156.7m.
S			1157	0	CISZ			70	2310	
S			1157	2	IFZ S					R region 157.2-189.7m (m. sulphides)
S			1163	7	PISZ			61	2310	
S			1176	5	PISZ			55	2310	
S			1178	8	PISZ			50	2310	
S			1185	4	PISZ			55	2310	
S			1189	7	IFZ R					S sym. 189.7-196.3 (ECH)
S			1192	1	CISZ			73	2310	
S			1196	3	CISZ			74	2310	
			150H							

DDH 716-A13.4
2 8

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

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Logged By: PN
Sampled By: _____

Code	From		To		Sample No.		Description		
	10	14	16	20	22	27	LENGTH (m)	REC.	UNIT
P	1679		1692		5244		1.3	1.3	4A4/4H0 4AH4
P	1727		1750		5245		2.3	2.3	4K64
P	1750		1780		5246		3.0	3.0	4K64
P	1846		1860		5247		1.4	1.4	4G4#
P	1860		1875		5248		1.5	1.5	4A4/5D9
P	1940		1970		5249		3.0	3.0	4A4/0
P	1970		1995		5250		2.5	2.5	4A4
P	1995		110125		5251		3.0	2.0	4G4/4A4
P	110153		11077		5252		2.4	2.4	4D4/0
P	11489		115106		5253		1.7	1.7	4A0
P	11517		11538		5254		2.1	2.1	4A0
P	11538		11547		5255		0.9	0.9	4G4
P	11572		11590		5256		1.8	1.8	4G334
P	11590		116105		5257		1.5	1.5	4G34
P	116105		11620		5258		1.5	1.5	4G34
P	11620		11632		5259		1.2	1.2	4G3
P	11632		11637		5260		0.5	0.5	4L13
P	11637		11652		5261		1.5	1.5	4D4/03
P	11652		11667		5262		1.5	1.5	4D4/03
P	11667		11682		5263		1.5	1.5	4D4
P	11682		11712		5264		3.0	3.0	4D4 } 4G4/3
P	11712		11742		5265		3.0	3.0	4D4
P	11742		11762		5266		2.0	2.0	4D4
P	11762		11782		5267		2.0	2.0	4D4
P	11782		11812		5268		3.0	3.0	4D4
P	11812		11832		5269		2.0	2.0	4H18
P	11832		11852		5270		2.0	2.0	4H18
P	11852		11872		5271		2.0	2.0	4H18
P	11872		11897		5272		2.5	2.5	4H18

FAULT

DDH FAG.A.134
 2 8

Cyprus Anvil Mining Corp.

Page _____ of _____

Structural Log

Date: _____ Logged By: _____

Code	From				To				Feature	S/V	S ₀		S ₁		S ₂		Description	
	10	14	16	20	22	24	26	28			Dip	Direct.	Dip	Direct.	Dip	Direct.		
F	14	16	20	22	24	26	28	XIQ?										bxiated 580
F	15	16	20	22	24	26	28	G										gauge
	14	16	20	22	24	26	28	G										} gauge
	14	16	20	22	24	26	28	G										} gauge
	16	16	20	22	24	26	28	XID										minor py bxa

LOGGED BY

D.D.H. No A-134

PAGE 2

Interval		DESCRIPTION	Recovery	Sample No	Interval		Sample Length	Assay					Assay x				
From	To				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag		
		F ₁ sub-vertical; 60=75, F ₁ sub-v; 62=72. Muddy gouge;															
63.3	66.4	MINERALIZED MOD-GRAPHITIC AND BLEACHED SERICITIC PHYLLITES (PB). Thin bands of sph, po, with lenses py and galena at 64m in qu-graphite band. Note associated bleached-ser phyll. with minor green mariposite. Note soft granular green mineral in quartz veins. Grade 1% over section 3% 1	6.7	3649	65.7	66.4	0.7	1.20	1.40	17.14							
		CA: 64=72, 66=60															
66.4	67.9	MASSIVE BANDED PYRITIC-BARITIC SULPHIDE (Mb) 70 12 Banded pyrite, red-amber sphalerite, grey granular-looking galena in barite-quartz matrix. 70% sulphide! 10-15 PbZn CA: 67=60.	1.5	3650	66.4	67.9	1.5	7.56	9.70	99.77			11.34	14.55	149.6		
		S% PZ															
67.9	72.7	MINERALIZED BLEACHED QUARTZ-SERICITE PHYLLITE 10 4 With thin zones of mineralized qu-graphitic phyllite. Band of massive po-rich sulphide at 68.9-69.2 (Pg) CA: 68=45, 70=70, 72=75. F ₂ folds at 68.5. F ₂ dominant.	1.5	3651	67.9	69.4	1.5	5.42	4.85	61.37			8.13	7.28	92.06		
		W.Av.			66.4	69.4	3.0	6.49	7.28	80.57			19.47	21.83	241.72		
		S% PZ															
72.7	78.0	MASSIVE BANDED PYRITIC-BARITIC SULPHIDE 75 15 With thin band of qu-carb xtals with py. (Mb) 75 15 Sph and galena with minor cpy in interstices 75 20	1.5	3652	72.7	74.2	1.5	11.80	10.35	143.32			17.70	15.53	214.98		
			1.5	3	74.2	75.7	1.5	10.70	8.51	135.09			16.05	12.77	202.64		
			1.5	4	75.7	77.2	1.5	17.60	10.76	247.20			26.40	16.14	370.8		

LOGGED BY

D.D.H. No A-134

PAGE 5

Interval		DESCRIPTION	Recovery	Sample No	Interval		Sample Length	Assay					Assay x					
From	To				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag			
120.5	127.0	BUFF GRAY-GREEN QU-SER-CH PHYLLITE																
		Rock peculiarized by emerald green (Sc) chlorite knots, often a oc-with thin qu-veins with py, po, cpy. Note minor sph. in F ₁ and F ₂ foliation at 121.2. Buff carb-ankerite in late fractures. Minor white cc in F laminae 124.5																
		CA: 122=65, 124=60, 126=55F ₂ .																
127.0	130.6	GRAY QUARTZ-SERICITE PHYLLITE (S)																
		Thin bleached quartz-sericite zone 128.8-129.4																
		CA: 128=58, F ₁ sub-vertical, 130=70.																
101.3	105.3	GRAY-WHITISH QU-SER PHYLLITE (S)																
		Unit locally mineralized with f.g. sph. Weakly bleached with development of sericite, powdery clay minerals. F ₂ dominant. F ₁ s.v. Local chlorite. CA: 102=67, F ₁ s.v.; 104=75 F ₂ .	0.5		101.2	102.7	1.5											
		SZ PB																
105.3	107.7	MINERALIZED QU-SER PHYLLITE: QU-SULPH. ZONE																
		Dark red sphalerite laminae in qu-ser phyllite	25	12	1.5	3661	105.3	106.8	1.5	2.93	4.50	48.34			4.40	6.75	72.51	
		Sulphide 25%. Mainly (PB) sphalerite pyrite, glauca laminae conc. in F ₂ . Grade 12-15%. PbZn. (PB) CA: 106=70 F ₂ ;	0.9			2	106.8	107	0.9	4.40	6.62	57.60			3.96	5.96	51.84	
						W.Av.	105.3	107.7	2.4	3.48	5.30	51.81			8.36	12.71	124.35	

LOGGED BY

D.D.H. No. A-134

PAGE 6

Interval		DESCRIPTION	Recovery	Sample No	Interval		Sample Length	Assay					Assay x					
From	To				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag			
107.7	120.5	WHITE-BUFF BLEACHED QU-SER PHYLLITE. (Sb) Quartz-sericite phyllite with cream-buff ankerite, and thin creamy-clay partings in F ₂ foliation. Minor po, local grains of black magnetite in qu-veins. F ₁ s.v. to F ₂ . CA: 108=70, 110=F ₂ 59, F ₁ s.v. folded;																
130.6	134.5	PALE GRAY-WHITE BLEACHED QU-SERICITE PHYLLITE (Sb) Thin laminae of py-po with lesser red-sph. CA: 132=55, 134=64																
134.5	141.0	GRAY QUARTZ-SERICITE PHYLLITE (S) Clean mica-rich unit. Thin mud seam at 139.0 CA: 136=58, 138=44F ₂ , 140=50																
141.0	148.9	GRAY QUARTZ-SERICITE PHYLLITE (S) Which is qu-veined and has muddy gouge zones. Unlike section above. Rock broken poor recovery. CA: 142=55, 144=36, 146=30F ₂ F ₁ 45 opp. dip. 148=F ₁ 60, F ₁ sub-vertical.	0.9 0.3 0.5		142.0 143.9 145.4	143.3 143.9 146.9	1.3 0.6 1.5											
148.9	153.8	QU-GRAPHITE SULPHIDE ZONE WITH TWO BARREN GREEN-WHITE STRIPED ZONES OF QU-CH-SER MARIP PHYLLITE AT 150.6-151.7 and 153.1-153.8	6 10	2 6	1.5 1.4	3663 4	148.9 150.6 151.7 153.1	150.6 151.7	1.5 1.4	1.20 1.85	1.35 2.23	17.14 27.43						

LOGGED BY

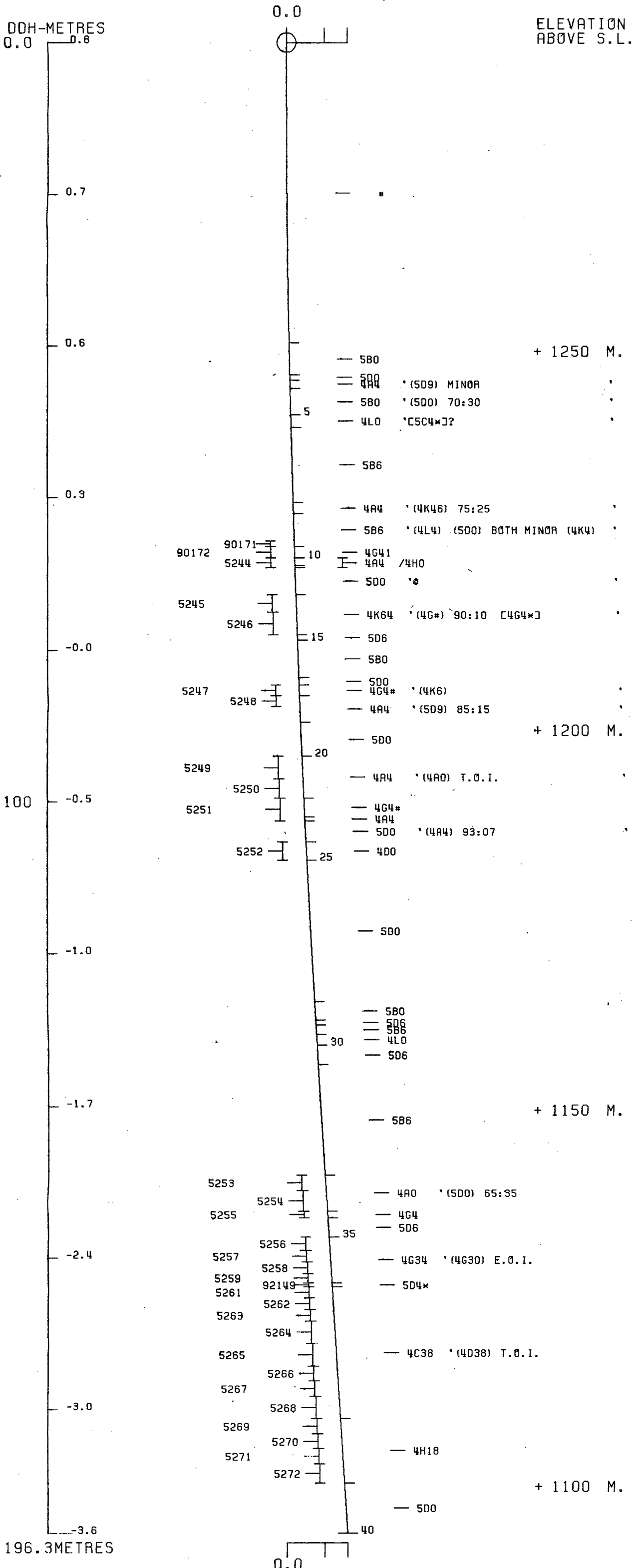
D.D.H. No A-134

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Interval		DESCRIPTION	Recovery	Sample No	Interval		Sample Length	Assay					Assay x				
From	To				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag		
		Ribbon qu-py sulphides alt with black graphite laminae .			153.1	153.8											
		Note F ₂ fold nose in upper green-ch scst zone. Sulphide:															
		8-10% py; sph; minor magnetite. Grade: 2-6%.															
		S% PB															
153.8	154.8	MASSIVE BANDED BARITIC SULPHIDE (Mb)	75	20	1.0	3665	153.8	154.8	1.0	6.00	10.52	86.74					
		Bands (4-5mm) of py, red sph, galena, barite. 70-80 sulph:															
		15-20 PbZn. CA: 154=40F ₁															
		S% PB															
154.8	158.0	WHITE-CREAM BLEACHED QU-SER PHYLLITE (Sb)															
		White clay alteration. Minor cc veins. CA: 156=52, 158=52F ₁															
		S% PB															
158.0	163.2	MASSIVE BANDED PY-BARITIC SULPHIDE (Mb)	75	12	1.5	3666	157.5	159.0	1.5	8.80	5.66	95.66			13.20	8.49	143.49
		Thinly banded py, amber sph, gray galena, black	75	15	1.5	7	159.0	160.5	1.5	7.76	8.17	100.80			11.64	12.26	151.2
		magnetite, white barite. Magnetite throughout.	75	10	1.5	8	160.5	162.0	1.5	4.95	8.07	73.71			7.43	12.11	110.57
		Sulphide 75-80%: Grade 10-15%	75	12	1.2	9	162.0	163.2	1.2	3.95	6.84	59.31			4.74	8.21	71.17
		S% PB															
163.2	163.7	BLEACHED QU-SER-MARIPOSITE PHYLLITE.	5	4	0.5	3670	163.2	163.7	0.5	0.63	1.68	10.97			0.32	0.84	5.49
		CA: 160=60F ₂ ; 162=72															
		S% PB															
163.7	181.6	MASSIVE BANDED SULPHIDE IN QUARTZ RICH GRANITE	75	10	1.5	3671	163.7	165.2	1.5	6.20	6.40	75.77			9.30	9.60	113.66
		To 166 sulphides richer in sphalerite. They	55	4	1.5	2	165.2	166.7	1.5	3.55	1.90	42.51					
		mainly py, po, mt. in qu-gangue. Note cpy	50	2	1.5	3	166.7	168.2	1.5	0.70	0.18	16.11			0.88	PbZn	

DDH: FAGA134 -- 42 DEGREE PROFILE (VIEW AZIMUTH = 312 DEGREES)

ELEV: 1291 592494E ; 904935N
 PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0
 CORRECTED COLLAR POSITION: X = 583.7 Z = 1290.8
 SECTION NAME: 68W



DDH: FAGA134 -- 42 DEGREE PROFILE

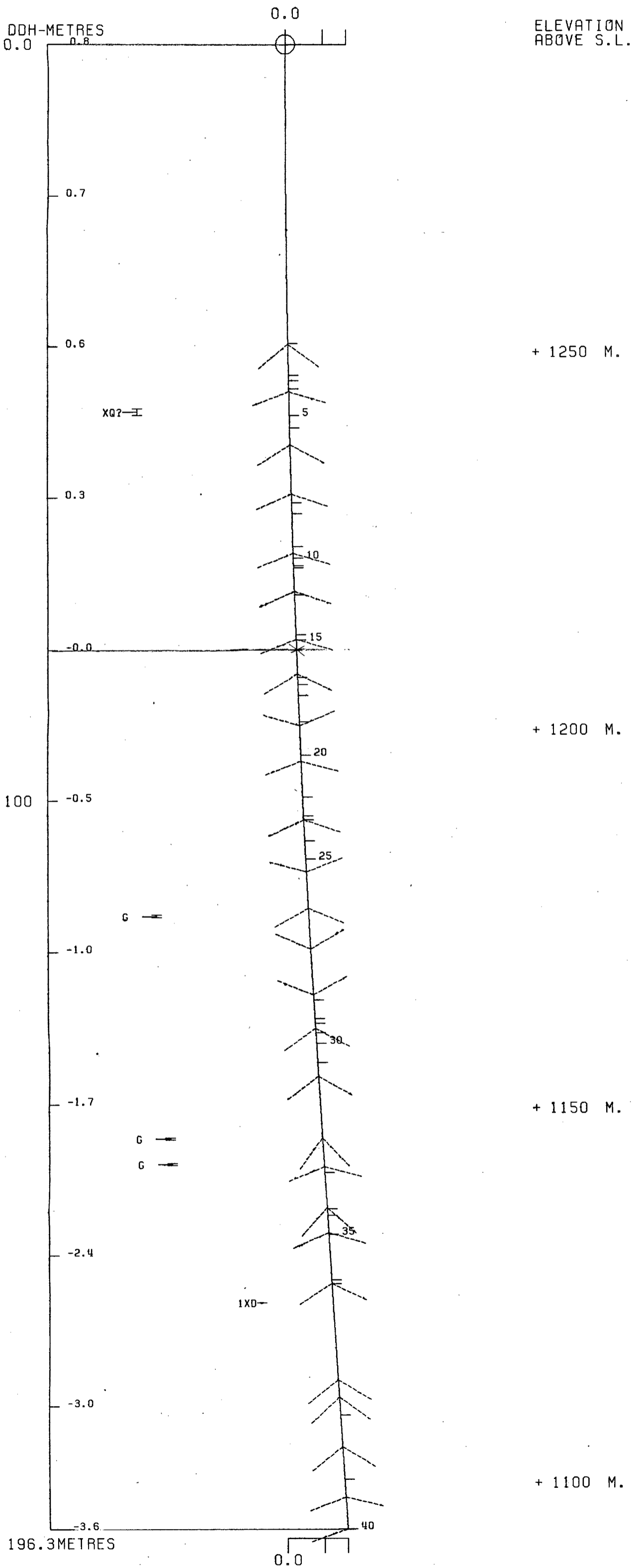
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1291 592494E ; 904935N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 583.7 Z = 1290.8

SECTION NAME: 68W



76 A142

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DDH	SAMPLE	---DEPTHS---		INT M	REC %	ROCK UNIT	S.G.	CU %	PB %	ZN %	AG G/MT	AU G/MT	PO %	PY %	BAO %	PB+ZN %	PO+PY %	ZN RATIO
		FROM	TO															
FAGA142	5301	50.5	51.6	1.1		4CG	3.93	.13	5.98	5.79	72.0	.48	4.99	14.60		11.77	19.59	.49
	5302	51.6	53.6	2.0		4EK4	4.57	.07	3.76	2.17	51.0	1.03	1.75	32.40		5.93	34.15	.37
	5303	53.6	55.8	2.2		4E0	4.44	.15	2.77	2.24	43.0	1.17	2.35	32.00		5.01	34.35	.45
	5304	55.8	57.4	1.6		4KE4	4.46	.17	5.46	2.51	68.0	1.65	5.59	27.50		7.97	33.09	.31
	5305	57.4	58.7	1.3		4EG4	4.57	.16	6.90	7.35	85.0	.82	2.56	21.30		14.25	23.86	.52
	5306	58.7	60.6	1.9		4E4	4.76	.08	3.01	2.71	49.0	.41	1.41	34.00		5.72	35.41	.47
	5307	89.9	90.7	.8		4A4	3.22	.09	2.21	4.82	38.0	1.58	1.92	9.20		7.03	11.12	.69
	5308	90.7	92.7	2.0		4E4	4.57	.26	2.84	4.12	47.0	.62	3.71	30.30		6.96	34.01	.59
	5309	92.7	93.7	1.0		4E4	4.62	.50	5.71	12.27	99.0	.75	4.81	24.30		17.98	29.11	.68
	5310	93.7	95.1	1.4		4E4	4.67	.15	6.45	12.75	95.0	.62	3.76	25.80		19.20	29.56	.66
	5311	95.1	98.6	3.5		4A0	2.79	.02	.41	1.65	6.0	.75	3.84	4.73		2.06	8.57	.80
	5312	98.6	100.6	2.0		4E4	4.81	.21	5.15	7.55	106.0	.69	2.31	29.90		12.70	32.21	.59
	5313	100.6	102.1	1.5		4E4	4.79	.24	4.52	8.47	93.0	.82	2.35	30.60		12.99	32.95	.65
	5314	102.1	103.3	1.2		4E4	4.37	.13	3.95	9.08	70.0	.55	4.71	26.90		13.03	31.61	.70
	5315	154.9	156.4	1.5		4D43	3.80	.25	6.34	4.25	128.0	.48	3.16	19.40		10.59	22.56	.40
	5316	156.4	157.2	.8		4D3	3.86	.28	2.46	3.27	41.0	.27	2.33	25.10		5.73	27.43	.57
	5317	157.2	159.2	2.0		4A43	3.50	.10	4.71	8.04	69.0	.69	2.83	15.30		12.75	18.13	.63
	5318	159.2	161.5	2.3		4A43	3.56	.11	4.35	7.28	61.0	1.03	2.93	17.70		11.63	20.63	.63
	5319	161.5	163.5	2.0		4CA3	3.36	.21	.42	3.98	12.0	.96	4.18	15.90		4.40	20.08	.90
	5320	163.5	165.0	1.5		4CA3	3.21	.79	.45	2.73	22.0	.27	5.02	19.90		3.18	24.92	.86
	5321	165.0	166.1	1.1		4CA3	3.83	.52	4.17	3.81	69.0	1.37	5.56	22.10		7.98	27.66	.48
	5322	198.7	200.4	1.7		4EL	3.65	.26	2.06	2.56	25.0	1.65				4.62		.55
	5323	242.8	243.5	.7		4E84	4.26	.18	3.60	3.67	56.0	.89	8.79	24.40		7.27	33.19	.50
	5324	243.5	244.3	.8		4L0	2.93	.19	.78	.60	12.0	.34	4.17	3.93		1.38	8.10	.43
	5325	244.3	245.1	.8		4E84	4.35	.26	5.23	4.32	69.0	.55	12.89	21.00		9.55	33.89	.45
	5326	245.1	245.7	.6		4D3	3.32	.15	3.40	3.11	39.0	1.23	4.63	16.10		6.51	20.73	.48
	5327	245.7	247.7	2.0		4E84	3.99	.19	4.38	3.47	56.0	2.06	10.84	21.60		7.85	32.44	.44
	5328	247.7	249.2	1.5		4E84	3.78	.18	3.98	3.68	49.0	1.51	9.61	17.50		7.66	27.11	.48
	5329	249.2	250.2	1.0		4E84	3.84	.21	4.80	4.29	59.0	.07	10.94	17.80		9.09	28.74	.47
	5330	250.2	252.4	2.2		4EL	3.74	.17	2.70	2.57	40.0	.89	10.22	20.70		5.27	30.92	.49
	5331	252.4	253.0	.6		4KL	3.97	.08	4.76	3.83	82.0	1.03	10.22	22.50		8.59	32.72	.45

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DDH	SAMPLE	ROCK UNIT	CPY	NORMATIVE MINERALS - WEIGHT %					OTHER	*	CPY	NORMATIVE MINERALS - VOLUME %					OTHER
				GA	SP	PO	PY	BAR				GA	SP	PO	PY	BAR	
FAGA142	5301	4CG	.38	6.91	8.63	7.85	31.4C	44.84	*	.33	3.35	7.86	6.21	22.87	59.38		
	5302	4EK4	.20	4.34	3.24	2.75	69.68	19.79	*	.21	2.5C	3.49	2.58	60.15	31.07		
	5303	4E0	.43	3.20	3.34	3.70	68.82	20.52	*	.44	1.82	3.57	3.43	58.84	31.89		
	5304	4KE4	.49	6.31	3.74	8.79	59.14	21.53	*	.5C	3.58	3.99	8.15	50.41	33.37		
	5305	4EG4	.46	7.97	10.96	4.03	45.81	30.78	*	.44	4.23	10.90	3.48	36.44	44.52		
	5306	4E4	.23	3.48	4.04	2.22	73.12	16.92	*	.24	2.03	4.43	2.12	64.18	27.00		
	5307	4A4	.26	2.55	7.19	3.02	19.78	67.20	*	.20	1.09	5.75	2.10	12.66	78.20		
	5308	4E4	.75	3.28	6.14	5.83	65.16	18.83	*	.77	1.88	6.59	5.44	55.93	29.39		
	5309	4E4	1.44	6.59	18.29	7.56	52.26	13.85	*	1.50	3.83	19.95	7.17	45.58	21.96		
	5310	4E4	.43	7.45	19.01	5.91	55.48	11.71	*	.46	4.42	21.13	5.72	49.34	18.94		
	5311	4A0	.06	.47	2.46	6.04	10.17	80.80	*	.04	.19	1.84	3.93	6.09	87.91		
	5312	4E4	.61	5.95	11.26	3.63	64.3C	14.26	*	.64	3.51	12.46	3.50	56.94	22.95		
	5313	4E4	.69	5.22	12.63	3.70	65.81	11.96	*	.74	3.12	14.14	3.60	58.94	19.47		
	5314	4E4	.38	4.56	13.54	7.41	57.85	16.27	*	.39	2.62	14.60	6.95	49.92	25.53		
	5315	4D43	.72	7.32	6.34	4.97	41.72	38.93	*	.65	3.71	6.02	4.11	31.71	53.80		
	5316	4D3	.81	2.84	4.87	3.66	53.98	33.83	*	.75	1.47	4.74	3.10	42.03	47.90		
	5317	4A43	.29	5.44	11.99	4.45	32.90	44.93	*	.25	2.62	10.83	3.50	23.78	59.03		
	5318	4A43	.32	5.02	10.85	4.61	38.06	41.13	*	.28	2.48	10.04	3.71	28.16	55.34		
	5319	4CA3	.61	.49	5.93	6.57	34.19	52.21	*	.50	.22	5.12	4.94	23.63	65.59		
	5320	4CA3	2.28	.52	4.07	7.89	42.79	42.44	*	1.99	.25	3.72	6.28	31.31	56.45		
	5321	4CA3	1.50	4.82	5.68	8.74	47.53	31.73	*	1.41	2.53	5.60	7.49	37.47	45.49		
	5322	4EL	.75	2.38	3.82			93.05	*								
	5323	4E84	.52	4.16	5.47	13.82	52.47	23.55	*	.51	2.30	5.67	12.46	43.53	35.52		
	5324	4L0	.55	.90	.89	6.56	8.45	82.65	*	.39	.36	.66	4.24	5.02	89.33		
	5325	4E84	.75	6.04	6.44	20.27	45.16	21.34	*	.75	3.38	6.77	18.52	37.96	32.61		
	5326	4D3	.43	3.93	4.64	7.28	34.62	49.10	*	.37	1.86	4.12	5.62	24.60	63.43		
	5327	4E84	.55	5.06	5.17	17.05	46.45	25.72	*	.53	2.76	5.29	15.16	38.00	38.26		
	5328	4E84	.52	4.60	5.49	15.11	37.63	36.65	*	.47	2.33	5.23	12.52	28.68	50.77		
	5329	4E84	.61	5.54	6.40	17.21	38.28	31.97	*	.57	2.90	6.27	14.67	30.02	45.58		
	5330	4EL	.49	3.12	3.83	16.07	44.52	31.97	*	.46	1.63	3.75	13.70	34.90	45.37		
	5331	4KL	.23	5.50	5.71	16.07	48.39	24.10	*	.23	3.03	5.91	14.47	40.07	36.29		

DRILL HOLE : FAGA142
NORTHING : 904,802.5
EASTING : 592,375.2
ELEVATION : 1,277.5
TOTAL DEPTH : 267.8
SECTION : W 68
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS CRE-SAMPLES: 31
NOS DOWN-H-SURVEYS: 5
NOS DOWN-H-LITHOLOGY: 61
NOS DOWN-H-STRUCTURE: 62
NOS DOWN-H-FAULTS: 22
NOS DOWN-H-SPLINES: 5
NOS COMPOSITES: 0

DDH: FAGA142 UTM-N: 904,802.5 UTM-E: 592,375.2 UTM-ELEV: 1,277.5 TOTAL DEPTH: 267.8 SECTION: W 68
 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													
FROM	TO					CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TCT FE	BAO %	HG %	MN %	AS %	BA %
50.5	51.6	05301	1.1	.0 4CG	3.93	.13	5.98	5.79	72.00		.48	4	14	19					
51.6	53.6	05302	2.0	.0 4EK4	4.57	.07	3.76	2.17	51.00		1.03	1	32	34					
53.6	55.8	05303	2.2	.0 4EO	4.44	.15	2.77	2.24	43.00		1.17	2	32	34					
55.8	57.4	05304	1.6	.0 4KE4	4.46	.17	5.46	2.51	68.00		1.65	5	27	33					
57.4	58.7	05305	1.3	.0 4EG4	4.57	.16	6.90	7.35	85.00	83.00	.82	2	21	23					
58.7	60.6	05306	1.9	.0 4E4	4.76	.08	3.01	2.71	49.00		.41	1	34	35					
89.9	90.7	05307	.8	.0 4A4	3.22	.09	2.21	4.82	38.00		1.58	1	9	11					
90.7	92.7	05308	2.0	.0 4E4	4.57	.26	2.84	4.12	47.00		.62	3	30	34					
92.7	93.7	05309	1.0	.0 4E4	4.62	.50	5.71	12.27	99.00		.75	4	24	29					
93.7	95.1	05310	1.4	.0 4E4	4.67	.15	6.45	12.75	95.00		.62	3	25	29					
95.1	98.6	05311	3.5	.0 4A0	2.79	.02	.41	1.65	6.00		.75	3	4	8					
98.6	100.6	05312	2.0	.0 4E4	4.81	.21	5.15	7.55	106.00		.69	2	29	32					
100.6	102.1	05313	1.5	.0 4E4	4.79	.24	4.52	8.47	93.00		.82	2	30	32					
102.1	103.3	05314	1.2	.0 4E4	4.37	.13	3.95	9.08	70.00		.55	4	26	31					
154.9	156.4	05315	1.5	.0 4D43	3.80	.25	6.34	4.25	128.00	131.00	.48	3	19	22					
156.4	157.2	05316	.8	.0 4D3	3.86	.28	2.46	3.27	41.00		.27	2	25	27					
157.2	159.2	05317	2.0	.0 4A43	3.50	.10	4.71	8.04	69.00		.69	2	15	18					
159.2	161.5	05318	2.3	.0 4A43	3.56	.11	4.35	7.28	61.00		1.03	2	17	20					
161.5	163.5	05319	2.0	.0 4CA3	3.36	.21	.42	3.98	12.00		.96	4	15	20					
163.5	165.0	05320	1.5	.0 4CA3	3.21	.79	.45	2.73	22.00		.27	5	19	24					
165.0	166.1	05321	1.1	.0 4CA3	3.83	.52	4.17	3.81	69.00		1.37	5	22	27					
198.7	200.4	05322	1.7	.0 4EL	3.65	.26	2.06	2.56	25.00		1.65								
242.8	243.5	05323	.7	.0 4E84	4.26	.18	3.60	3.67	56.00		.89	8	24	33					
243.5	244.3	05324	.8	.0 4LO	2.93	.19	.78	.60	12.00		.34	4	3	8					
244.3	245.1	05325	.8	.0 4E84	4.35	.26	5.23	4.32	69.00		.55	12	21	33					
245.1	245.7	05326	.6	.0 4C3	3.32	.15	3.40	3.11	39.00	39.00	1.23	4	16	20					
245.7	247.7	05327	2.0	.0 4E84	3.99	.19	4.38	3.47	56.00		2.06	10	21	32					
247.7	249.2	05328	1.5	.0 4E84	3.78	.18	3.98	3.68	49.00		1.51	9	17	27					
249.2	250.2	05329	1.0	.0 4E84	3.84	.21	4.80	4.29	59.00		.07	10	17	28					
250.2	252.4	05330	2.2	.0 4EL	3.74	.17	2.70	2.57	40.00		.89	10	20	30					
252.4	253.0	05331	.6	.0 4KL	3.97	.08	4.76	3.83	82.00		1.03	10	22	32					
WEIGHTED AVERAGE																			
50.5	60.6		10.1	.0	4.49	.12	4.31	3.40	58.23	10.68	.95	2	28	31					
89.9	103.3		13.4	.0	4.08	.17	3.39	6.46	60.66		.74	3	21	24					
154.9	166.1		11.2	.0	3.54	.28	3.30	5.18	56.78	17.54	.76	3	18	22					
198.7	200.4		1.7	.0	3.65	.26	2.06	2.56	25.00		1.65								
242.8	253.0		10.2	.0	3.81	.18	3.69	3.24	49.91	2.29	1.08	9	18	28					

DDH- FAGA142 UTM-N: 904,802.5 UTM-E: 592,375.2 UTM-ELEV: 1,277.5 TOTAL DEPTH: 267.8 SECTION: W 68
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
88.400	177.000	90.000
149.400	174.700	88.000
189.000	174.000	102.000
231.700	170.000	74.000

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DOWN-HOLE LITHOLOGY (JHC20)

PAGE:

DDH: FAGA142 UTM-N: 904,802.5 UTM-E: 592,375.2 UTM-ELEV: 1,277.5 TOTAL DEPTH: 267.8 SECTION: w 68
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
34.0	OC01	#		0.5-	1
41.0	OC02	5B0*	.	0.5-	1
48.4	OC03	5B0		0.5-	1
50.5	OC04	4L0	[5D4]	0.5-	1
51.2	OC05	4C0		0.5-	1
51.6	OC06	4G4		0.5-	1
52.3	OC07	4K0		0.5-	1
55.8	OC08	4E0	(4K0) MINOR BXA	0.5-	1
57.4	OC09	4KC	(4E4 POROUS)	0.5-	1
57.8	OC10	4G4		0.5-	1
58.7	OC11	4E4	(4G) MINOR	0.5-	1
60.6	OC12	4EC	84	0.5-	1
61.5	OC13	5B0	[4L] GOUGE	0.5-	1
67.9	OC14	5B0*	.	0.5-	1
68.8	OC15	5B0	GOUGE	0.5-	1
69.4	OC16	5B0*	.	0.5-	1
71.0	OC17	4L5	[5D4*]	0.5-	1
72.4	OC18	5B6		0.5-	1
88.2	OC19	5A1	-> (5B2) LOCALLY	0.5-	1
89.9	OC20	4L0	BXA	0.5-	1
90.7	OC21	4A4	BXA	0.5-	1
95.1	OC22	4E4	(4G4) MINOR	0.5-	1
98.6	OC23	4A0	BXA	0.5-	1
103.3	OC24	4E4	6 MINOR BXA	0.5-	1
104.1	OC25	4L0		0.5-	1
129.0	OC26	5B2*	-> (5A0) LOCALLY	0.5-	1
138.6	OC27	5B0*	.	0.5-	1
139.4	OC28	5D4*	[4L0]	0.5-	1
147.2	OC29	5B2	-> (5B26) (4L3 [5D4]) V. MINOR	0.5-	1
148.4	OC30	5D4	-> (4L3) [4L0]	0.5-	1
154.9	OC31	5B6	-> (5B62) LOCALLY	0.5-	1
157.2	OC32	4D3	-> (4D43) T.O.I.	0.5-	1
161.5	OC33	4A43	(4E4) 90:10	0.5-	1
166.1	OC34	4C3	(4A3) BXA	0.5-	1
168.3	OC35	5B2	(4L0) 75:25	0.5-	1
168.6	OC36	4D0		0.5-	1
175.0	OC37	5B20		0.5-	1
197.7	OC38	5B6		0.5-	1
198.7	OC39	4L0	-> (4L3) LOCALLY (4E8) 80:20	0.5-	1
200.4	OC40	4E8	(4L2) 70:30	0.5-	1
210.6	OC41	5B6	(5D4* [4L5]) V. MINOR	0.5-	1
211.0	OC42	4L5	[5D4*]?	0.5-	1
214.5	OC43	5B6	GOUGE	0.5-	1
215.4	OC44	5A0		0.5-	1
220.0	OC45	5B62		0.5-	1
232.3	OC46	5A6		0.5-	1
233.8	OC47	5B6		0.5-	1
236.8	OC48	4L3	GOUGE	0.5-	1
241.4	OC49	4L1		0.5-	1
242.8	OC50	5A0		0.5-	1
243.5	OC51	4E84		0.5-	1

DOWN-HOLE LITHOLOGY (UPH20)

PAGE: 5

CDH: FAGA142 UTM-N: 904,002.5 UTM-E: 592,375.2 UTM-ELEV: 1,277.5 TOTAL DEPTH: 267.8 SECTION: W 68
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	INC
244.3	OC52	4LC	[5D4]?	0.5-	1
245.1	OC53	4E84		0.5-	1
245.7	OC54	4D3	BXA	0.5-	1
250.2	OC55	4E84		0.5-	1
250.6	OC56	4L5	[5D4*]?	0.5-	1
252.4	OC57	4E8	(4L) V. MINOR	0.5-	1
252.7	OC58	4L2	GOUGE BXA	0.5-	1
253.0	OC59	4KC		0.5-	1
262.0	OC60	4LC	(4L*) MINOR GOUGE	0.5-	1
267.9	OC61	4L1	-> (4L12, 4L3) LOCALLY	0.5-	1

DDH: FAGA142 UTM-N: 9C4,802.5 UTM-E: 592,375.2 UTM-ELEV: 1,277.5 TOTAL DEPTH: 267.8 SECTION: W 68
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE DIRECT	S1 ANGLE DIRECT	S2 ANGLE DIRECT	RFE	CDE	DHDC	SDC	PROCESS		
FAGA142	0.0	34.0	CS2		0	0	0	C	72	230	C	1	1	1
FAGA142	0.0	40.0	CS2		0	0	0	C	72	230	C	1	1	1
FAGA142	34.0	42.6	CS2	S	0	0	0	C	0	0	C	1	1	1
FAGA142	42.6	44.4	CS2	Z	0	0	0	C	0	0	C	1	1	1
FAGA142	0.0	47.8	CS2		0	0	0	C	81	230	C	1	1	1
FAGA142	44.4	50.5	CS2	S	0	0	0	C	0	C	C	1	1	1
FAGA142	0.0	53.8	PS2		0	0	0	C	63	230	C	1	1	1
FAGA142	0.0	60.3	PS2		0	0	0	C	70	230	C	1	1	1
FAGA142	50.5	60.6	PS2	P	0	0	0	C	0	0	C	1	1	1
FAGA142	0.0	65.4	CS2		0	0	0	C	43	230	C	1	1	1
FAGA142	0.0	70.7	CS2		0	0	0	C	68	230	C	1	1	1
FAGA142	60.6	70.7	CS2	S	0	0	0	C	0	0	C	1	1	1
FAGA142	0.0	76.5	CS2		0	0	0	C	60	230	C	1	1	1
FAGA142	70.7	78.7	CS2	Z	0	0	0	C	0	0	C	1	1	1
FAGA142	0.0	83.1	CS2		0	0	0	C	48	230	C	1	1	1
FAGA142	0.0	88.2	CS2		0	0	0	C	65	230	C	1	1	1
FAGA142	78.7	89.9	CS2	S	0	0	0	C	0	C	C	1	1	1
FAGA142	0.0	93.5	PS2		0	0	0	C	37	230	C	1	1	1
FAGA142	0.0	95.6	PS2		0	0	0	C	70	230	C	1	1	1
FAGA142	89.9	103.3	PS2	P	0	0	0	C	0	0	C	1	1	1
FAGA142	0.0	105.0	CS2		0	0	0	C	40	230	C	1	1	1
FAGA142	103.3	108.0	CS2	Z	0	0	0	C	0	0	C	1	1	1
FAGA142	0.0	111.6	CS2		0	0	0	C	70	230	C	1	1	1
FAGA142	0.0	117.6	CS2		0	0	0	C	71	230	C	1	1	1
FAGA142	108.0	120.0	CS2	S	0	0	0	C	0	0	C	1	1	1
FAGA142	0.0	123.0	CS2		0	0	0	C	60	230	C	1	1	1
FAGA142	0.0	129.0	CS2	Z	0	0	0	C	77	230	C	1	1	1
FAGA142	120.0	129.0	CS2	Z	0	0	0	C	0	C	C	1	1	1
FAGA142	0.0	134.1	CS2		0	0	0	C	66	230	C	1	1	1
FAGA142	0.0	140.8	CS2		0	0	0	C	72	230	C	1	1	1
FAGA142	0.0	145.0	CS2	D	0	0	0	C	78	230	C	1	1	1
FAGA142	129.0	145.0	CS2	D	0	0	0	C	0	C	C	1	1	1
FAGA142	0.0	150.0	CS2		0	0	0	C	78	230	C	1	1	1
FAGA142	145.0	154.9	CS2	Z	0	0	0	C	0	0	C	1	1	1
FAGA142	0.0	158.2	PS2		0	0	0	C	58	230	C	1	1	1
FAGA142	0.0	163.7	PS2		0	0	0	C	69	230	C	1	1	1
FAGA142	154.9	166.1	PS2	P	0	0	0	C	0	C	C	1	1	1
FAGA142	0.0	169.0	CS2		0	0	0	C	65	230	C	1	1	1
FAGA142	166.1	171.3	CS2	D	0	0	0	C	0	0	C	1	1	1
FAGA142	0.0	177.6	S2		0	0	0	C	41	230	C	1	1	1
FAGA142	0.0	183.0	S2		0	0	0	C	55	230	C	1	1	1
FAGA142	0.0	187.7	S2		0	0	0	C	1	230	C	1	1	1
FAGA142	0.0	192.0	S2		0	0	0	C	30	230	C	1	1	1
FAGA142	0.0	197.0	CS2		0	0	0	C	46	230	C	1	1	1
FAGA142	195.4	198.7	CS2	Z	0	0	0	C	0	C	C	1	1	1
FAGA142	198.7	200.4	PS2	P	0	0	0	C	0	0	C	1	1	1
FAGA142	0.0	202.7	CS2		0	0	0	C	45	230	C	1	1	1
FAGA142	0.0	208.4	CS2	Z	0	0	0	C	30	230	C	1	1	1
FAGA142	200.4	208.4	CS2	Z	0	0	0	C	0	0	C	1	1	1
FAGA142	0.0	214.5	CS2		0	0	0	C	45	230	C	1	1	1
FAGA142	0.0	220.0	PS2	P	0	0	0	C	50	230	C	1	1	1

DDH: FAGA142 UTM-N: 904,802.5 UTM-E: 592,375.2 UTM-ELEV: 1,277.5 TOTAL DEPTH: 267.6 SECTION: W 68
 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	DHDC	SDC	PROCESS
FAGA142	0.C	226.2	PS2		0	0	0	C	40	230	C		1	1	1
FAGA142	0.0	232.3	PS2		0	0	0	C	33	230	C		1	1	1
FAGA142	220.C	233.8	PS2	P	0	0	0	C	0	0	C		1	1	1
FAGA142	0.0	246.4	PS2		0	0	0	C	53	230	C		1	1	1
FAGA142	0.0	248.9	PS2		0	0	0	C	60	230	C		1	1	1
FAGA142	0.0	253.0	PS2	P	0	0	0	C	55	230	C		1	1	1
FAGA142	242.8	253.0	PS2	P	0	0	0	C	0	C	C		1	1	1
FAGA142	0.0	259.7	CS2	S	0	0	0	C	70	230	C		1	1	1
FAGA142	0.0	265.0	CS2		0	0	0	C	80	230	C		1	1	1
FAGA142	0.0	267.3	CS2		0	0	0	C	75	230	C		1	1	1
FAGA142	259.7	267.9	CS2	S	0	0	0	C	0	C	C		1	1	1

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DOWN-HOLE FAULTS (DHW20)

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DDH: FAGA142 UTM-N: 904,802.5 UTM-E: 592,375.2 UTM-ELEV: 1,277.5 TOTAL DEPTH: 267.8 SECTION: W 68
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	REC	CD	PARLL	UPPER PLANE	INTERNAL PLANE	LOWER PLANE	DHD
FAGA142	52.3	55.8	XD?				0	0	0	1
FAGA142	60.6	61.5	3BG				0	0	0	1
FAGA142	67.9	68.8	GB				0	0	0	1
FAGA142	0.0	69.4	G				0	0	0	1
FAGA142	88.2	89.9	XD?				0	0	0	1
FAGA142	89.9	90.7	XD?				0	0	0	1
FAGA142	95.1	98.6	XD?				0	0	0	1
FAGA142	98.6	103.3	XD?				0	0	0	1
FAGA142	147.8	148.2	GB				0	0	0	1
FAGA142	148.4	154.9	2GB				0	0	0	1
FAGA142	154.9	157.2	1XD				0	0	0	1
FAGA142	161.5	166.1	XD?				0	0	0	1
FAGA142	173.0	197.7	G3B				0	0	0	1
FAGA142	211.0	214.5	GB				0	0	0	1
FAGA142	215.4	220.0	PG	4			0	0	0	1
FAGA142	220.0	232.3	B1G				0	0	0	1
FAGA142	233.8	236.8	G				0	0	0	1
FAGA142	241.4	242.8	3B				0	0	0	1
FAGA142	245.1	245.7	XD?				0	0	0	1
FAGA142	246.6	249.8	XD?				0	0	0	1
FAGA142	252.4	252.7	XDG				0	0	0	1
FAGA142	253.0	262.0	3G				0	0	0	1

DDH: FAGA142 UTM-N: 904,802.5 UTM-E: 592,375.2 UTM-ELEV: 1,277.5 TOTAL DEPTH: 267.8 SECTION: W 68
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH SEGMENT NOS COND INDICATOR

FAGA142	1	2
FAGA142	2	2
FAGA142	3	2
FAGA142	4	2
FAGA142	5	1

**THIS REPORT WAS REQUESTED BY: LEEP .GEOLOGY AT: 11:40:40

84/10/16

GRUM DATABASE - QUIZ REPORT

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DDH	SAMPLE	---DEPTHS---	INT	REC	ROCK	S.G.	CU	PB	ZN	AG	AU	PD	PY	BAO	PB+ZN	PO+PY	ZN
		FROM	TO	M	%	UNIT	%	%	%	G/MT	G/MT	%	%	%	%	%	RATIO
FAGA142	5301	50.5	51.6	1.1		4CG	3.93	.13	5.98	5.79	72.0	.48	4.99	14.60	11.77	19.59	.49
	5302	51.6	53.6	2.0		4EK4	4.57	.07	3.76	2.17	51.0	1.03	1.75	32.40	5.93	34.15	.37
	5303	53.6	55.8	2.2		4E0	4.44	.15	2.77	2.24	43.0	1.17	2.35	32.00	5.01	34.35	.45
	5304	55.8	57.4	1.6		4KE4	4.46	.17	5.46	2.51	68.0	1.65	5.59	27.50	7.97	33.09	.31
	5305	57.4	58.7	1.3		4EG4	4.57	.16	6.90	7.35	85.0	.82	2.56	21.30	14.25	23.86	.52
	5306	58.7	60.6	1.9		4E4	4.76	.08	3.01	2.71	49.0	.41	1.41	34.00	5.72	35.41	.47
	5307	89.9	90.7	.8		4A4	3.22	.09	2.21	4.82	38.0	1.58	1.92	9.20	7.03	11.12	.69
	5308	90.7	92.7	2.0		4E4	4.57	.26	2.84	4.12	47.0	.62	3.71	30.30	6.96	34.01	.59
	5309	92.7	93.7	1.0		4E4	4.62	.50	5.71	12.27	99.0	.75	4.81	24.30	17.98	29.11	.68
	5310	93.7	95.1	1.4		4E4	4.67	.15	6.45	12.75	95.0	.62	3.76	25.80	19.20	29.56	.66
	5311	95.1	98.6	3.5		4A0	2.79	.02	.41	1.65	6.0	.75	3.84	4.73	2.06	8.57	.80
	5312	98.6	100.6	2.0		4E4	4.81	.21	5.15	7.55	106.0	.69	2.31	29.90	12.70	32.21	.59
	5313	100.6	102.1	1.5		4E4	4.79	.24	4.52	8.47	93.0	.82	2.35	30.60	12.99	32.95	.65
	5314	102.1	103.3	1.2		4E4	4.37	.13	3.95	9.08	70.0	.55	4.71	26.90	13.03	31.61	.70
	5315	154.9	156.4	1.5		4D43	3.80	.25	6.34	4.25	128.0	.48	3.16	19.40	10.59	22.56	.40
	5316	156.4	157.2	.8		4D3	3.86	.28	2.46	3.27	41.0	.27	2.33	25.10	5.73	27.43	.57
	5317	157.2	159.2	2.0		4A43	3.50	.10	4.71	8.04	69.0	.69	2.83	15.30	12.75	18.13	.63
	5318	159.2	161.5	2.3		4A43	3.56	.11	4.35	7.28	61.0	1.03	2.93	17.70	11.63	20.63	.63
	5319	161.5	163.5	2.0		4CA3	3.36	.21	.42	3.98	12.0	.96	4.18	15.90	4.40	20.08	.90
	5320	163.5	165.0	1.5		4CA3	3.21	.79	.45	2.73	22.0	.27	5.02	19.90	3.18	24.92	.86
	5321	165.0	166.1	1.1		4CA3	3.83	.52	4.17	3.81	69.0	1.37	5.56	22.10	7.98	27.66	.48
	5322	198.7	200.4	1.7		4EL	3.65	.26	2.06	2.56	25.0	1.65			4.62		.55
	5323	242.8	243.5	.7		4E84	4.26	.18	3.60	3.67	56.0	.89	8.79	24.40	7.27	33.19	.50
	5324	243.5	244.3	.8		4LD	2.93	.19	.78	.60	12.0	.34	4.17	3.93	1.38	8.10	.43
	5325	244.3	245.1	.8		4E84	4.35	.26	5.23	4.32	69.0	.55	12.89	21.00	9.55	33.89	.45
	5326	245.1	245.7	.6		4D3	3.32	.15	3.40	3.11	39.0	1.23	4.63	16.10	6.51	20.73	.48
	5327	245.7	247.7	2.0		4E84	3.99	.19	4.38	3.47	56.0	2.06	10.84	21.60	7.85	32.44	.44
	5328	247.7	249.2	1.5		4E84	3.78	.18	3.98	3.68	49.0	1.51	9.61	17.50	7.66	27.11	.48
	5329	249.2	250.2	1.0		4E84	3.84	.21	4.80	4.29	59.0	.07	10.94	17.80	9.09	28.74	.47
	5330	250.2	252.4	2.2		4EL	3.74	.17	2.70	2.57	40.0	.89	10.22	20.70	5.27	30.92	.49
	5331	252.4	253.0	.6		4KL	3.97	.08	4.76	3.83	82.0	1.03	10.22	22.50	8.59	32.72	.45

84/10/16

GRUM DATABASE - QUIZ REPORT

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DDH	SAPPL	ROCK UNIT	CPY	NORMATIVE MINERALS - WEIGHT %					OTHER	*	CPY	NORMATIVE MINERALS - VOLUME %					OTHER
				GA	SP	PO	PY	BAR				GA	SP	PO	PY	BAR	
FAGA142	5301	4CG	.38	6.91	8.63	7.85	31.40		44.84	*	.33	3.35	7.86	6.21	22.87		59.38
	5302	4EK4	.20	4.34	3.24	2.75	69.68		19.79	*	.21	2.50	3.49	2.58	60.15		31.07
	5303	4E0	.43	3.20	3.34	3.70	68.82		20.52	*	.44	1.82	3.57	3.43	58.84		31.89
	5304	4KE4	.49	6.31	3.74	8.79	59.14		21.53	*	.50	3.58	3.99	8.15	50.41		33.37
	5305	4EG4	.46	7.97	10.96	4.03	45.81		30.78	*	.44	4.23	10.90	3.48	36.44		44.52
	5306	4E4	.23	3.48	4.04	2.22	73.12		16.92	*	.24	2.03	4.43	2.12	64.18		27.00
	5307	4A4	.26	2.55	7.19	3.02	19.78		67.20	*	.20	1.09	5.75	2.10	12.66		78.20
	5308	4E4	.75	3.28	6.14	5.83	65.16		18.83	*	.77	1.88	6.59	5.44	55.93		29.39
	5309	4E4	1.44	6.59	18.29	7.56	52.26		13.85	*	1.50	3.83	19.95	7.17	45.58		21.96
	5310	4E4	.43	7.45	19.01	5.91	55.48		11.71	*	.46	4.42	21.13	5.72	49.34		18.94
	5311	4A0	.06	.47	2.46	6.04	10.17		80.80	*	.04	.19	1.84	3.93	6.09		87.91
	5312	4E4	.61	5.95	11.26	3.63	64.30		14.26	*	.64	3.51	12.46	3.50	56.94		22.95
	5313	4E4	.69	5.22	12.63	3.70	65.81		11.96	*	.74	3.12	14.14	3.60	58.94		19.47
	5314	4E4	.38	4.56	13.54	7.41	57.85		16.27	*	.39	2.62	14.60	6.95	49.92		25.53
	5315	4D43	.72	7.32	6.34	4.97	41.72		38.93	*	.65	3.71	6.02	4.11	31.71		53.80
	5316	4D3	.81	2.84	4.87	3.66	53.98		33.83	*	.75	1.47	4.74	3.10	42.03		47.90
	5317	4A43	.29	5.44	11.99	4.45	32.90		44.93	*	.25	2.62	10.83	3.50	23.78		59.03
	5318	4A43	.32	5.02	10.85	4.61	38.06		41.13	*	.28	2.48	10.04	3.71	28.16		55.34
	5319	4CA3	.61	.49	5.93	6.57	34.19		52.21	*	.50	.22	5.12	4.94	23.63		65.59
	5320	4CA3	2.28	.52	4.07	7.89	42.79		42.44	*	1.99	.25	3.72	6.28	31.31		56.45
	5321	4CA3	1.50	4.82	5.68	8.74	47.53		31.73	*	1.41	2.53	5.60	7.49	37.47		45.49
	5322	4EL	.75	2.38	3.82				93.05	*							
	5323	4EB4	.52	4.16	5.47	13.82	52.47		23.55	*	.51	2.30	5.67	12.46	43.53		35.52
	5324	4L0	.55	.90	.89	6.56	8.45		82.65	*	.39	.36	.66	4.24	5.02		89.33
	5325	4EB4	.75	6.04	6.44	20.27	45.16		21.34	*	.75	3.38	6.77	18.52	37.96		32.61
	5326	4D3	.43	3.93	4.64	7.28	34.62		49.10	*	.37	1.86	4.12	5.62	24.60		63.43
	5327	4EB4	.55	5.06	5.17	17.05	46.45		25.72	*	.53	2.76	5.29	15.16	38.00		38.26
	5328	4EB4	.52	4.60	5.49	15.11	37.63		36.65	*	.47	2.33	5.23	12.52	28.68		50.77
	5329	4EB4	.61	5.54	6.40	17.21	38.28		31.97	*	.57	2.90	6.27	14.67	30.02		45.58
	5330	4EL	.49	3.12	3.83	16.07	44.52		31.97	*	.46	1.63	3.75	13.70	34.90		45.57
	5331	4KL	.23	5.50	5.71	16.07	48.39		24.10	*	.23	3.03	5.91	14.47	40.07		36.29

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

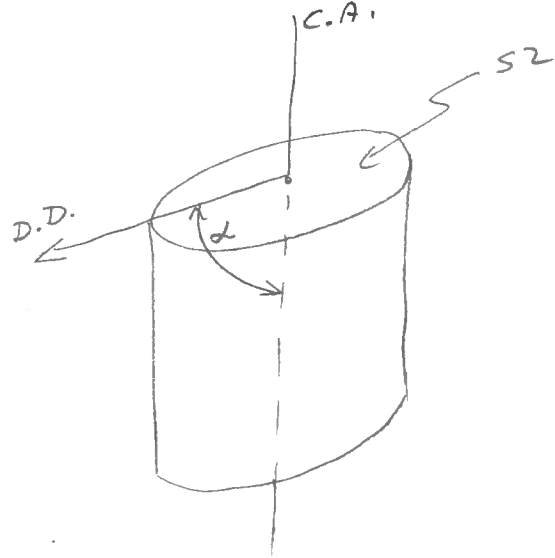
Hole Number: 76-A142

Fabric Orientation Diagram:

Project: GRUM

Location: VANGORDA PLATEAU

Claim: _____



UTM Terr. Plane Co-ords.: 6,904,802.5 N

592,375.2 E

Grid Co-ords.: 68 W/1A

1979 HNW
Dr. Hoggins
Survey

All symmetry determinations looking

NW with S2 dipping

SW with dip azimuth 230.

Elevation: 1277.49

Total Depth: _____

Purpose: _____

Re-Logged by: DJH

Date(s) Logged: _____

Drilling Contractor:	Core:	Size	From	To	Collar Cased and Capped:
	<u>BQ</u>	<u>34.0</u>	<u>267.9</u>		

Started: 20/8/76 Completed: 26/8/76

Lithologic Log

Logged By: DJH

A-142

Code	From	To	Unit	Code	Description
	10 14 16 20	22 23 25 27			
L	100	1340	11	#	triconed - no core
L	1340	1410	12	5B10	Fe, Mg CO ₃ bearing
L	1410	1484	13	5B10	CaCO ₃
L	1484	1510.5	14	4L10	bleached 5D?
L	1510.5	1512	15	4K10	30-50% py
L	1512	1516	16	4G14	
L	1516	1523	17	4K10	
L	1523	1558	18	4E10	w/ minor 4K; bxia zone w/ sde infilling
L	1558	1574	19	4K1E	strange int w/ typ 4K0 and sporadic
					4E4 bands w/ porous text.
L	1574	1578	110	4G14	
L	1578	1587	111	4E4	w/ minor 4G
L	1587	1606	112	4E10	w/ sporadic Pb/Zn rich lams.
L	1606	1615	113	5B10	? 4L? gouge & heavily broken core.
L	1615	1679	114	5B10	Fe, Mg CO ₃ - buff weathering laminae
L	1679	1688	115	5B10	? gouge & broken core
L	1688	1694	116	5B10	as unit 14
L	1694	1710	117	4L15	buff coloured (weathered?); massive like
					5D; gouge near T.O.I.
L	1710	1724	118	5B16	
L	1724	1882	119	5A11	→ 5B2 locally; strongly → mod. graphitic
L	1882	1899	210	4L10	bxia. w/ frags. of 4C & 4A.
L	1899	1907	211	4A14	4A bxia w/ sde infilling.
L	1907	1951	212	4E14	w/ minor 4G4 bands
L	1951	1986	213	4A10	bxia; minor sdes
L	1986	11033	214	4E14	w/ v. minor BaSO ₄ ; Pb/Zn conc. in bands
					and as bxia infillings; also finely diss. Pb/Zn.
L	11033	11041	215	4L10	
L	11041	11290	216	5B12	Fe, Mg CO ₃ bearing; → 5A3 locally
L	11290	11386	217	5B10	Fe, Mg CO ₃ bearing
L	11386	11394	218	4L10	4L5?; altered 5D?
L	11394	11472	219	5B12	→ 5B26 w/ v. minor 4L3 (altered 5D?)
					bands.
L	11472	11484	310	4L10	→ 4L3 w/ gouge & broken core in last half
					of int.; altered 5D?
L	11484	11549	311	5B16	→ 5B62 locally; 30% gouged & broken core.

Lithologic Log

Code	From		To		Unit		Code	Description
	10	14	16	20	22	23		
L	1154	9	1157	2	32	4D10 ³		→ 4D4 ³ ; micro bxia. text.?
L	1157	2	1161	5	33	4A4 ³		w/ 10% 4E4 bands; sdes. in laminae // S1 & // S2
L	1161	5	1166	1	34	4C4 ³		bxia zone; post D2 bxia w/ rotated sde. frags and infilled w/ remob. sdes
L	1166	1	1168	3	35	5B12		w/ 25% 4L0
L	1168	3	1168	6	36	4D10		Pb/Zn conc. in lams. // S2
L	1168	6	1175	0	37	5B12		mod. calc (CaCO ₃)
L	1175	0	1197	7	38	5B16		-note: 173-197.7 is a zone of variable s2 w/ heavily broken up core and some gouge; is broken up core due to faulting or due to drilling w/ s2 // C.A.
L	1197	7	1198	7	39	4L10		→ 4L3 locally; band 4E8 (198.1-198.3)
L	1198	7	1210	4	40	4E1		4E8: 4L2, interbanded 70:30
L	1210	4	12110	6	41	5B16		w/ v. minor 4L5 bands cont. mariposite
L	12110	6	1211	0	42	4K15		
L	1211	0	12114	5	43	5B16		? gouge + broken core + 15% 0q0
L	12114	5	12115	4	44	5A10		
L	12115	4	12210	0	45	5B16		2 m. core rec. + gouge
L	12210	0	12312	3	46	5A16		int. generally broken up w/ 10% gouge; s2 variable to // C.A.
L	12312	3	12313	8	47	5B16		
L	12313	8	12316	8	48	4L13		gouge
L	12316	8	12411	4	49	4L11		
L	12411	4	12412	8	50	5A10		? heavily broken core
L	12412	8	12413	5	51	4E18 ⁴		
L	12413	5	12414	3	52	4L10		
L	12414	3	12415	1	53	4E18 ⁴		
L	12415	1	12415	7	54	4D10 ³		³ bxia + ground core
L	12415	7	12510	2	55	4E18 ⁴		bxia. w/ some qtzite frags 246.6-249.8
L	12510	2	12510	6	56	4L15		
L	12510	6	12512	4	57	4E18		w/ v. minor 4L
L	12512	4	12512	7	58	4L12		? gouge & bxia.
L	12512	7	12513	0	59	4K10		
L	12513	0	12620	6	60	4K10		w/ minor 4L5 (Fe, Mg CO ₃) bands; 70% gouge.

Code	From <u>m.</u>		To <u>m.</u>		Feature	E Dip	S ₁ Dip Direct.		S ₂ Dip Direct.		Description	
	10	14	16	20			22	24	26	28		32
												o/B 0-34.0
S				34.0	CIS12				72	23	10	S region 34.0-42.6
S				40.0	CIS12				72	23	10	
S				42.6	FR2S							Z region 42.6-44.4
S				44.4	FR23							S region 44.4-50.5
S				47.8	CIS12				81	23	10	
S				50.5	FR2S							R region 50.5-60.6
S				53.8	PIS12				63	23	10	- comp. layering in M.S. dcs.
S				60.3	PIS12				70	23	10	- " " " "
S				60.6	FR2R							S region 60.6-70.7 ✓
S				65.4	CIS12				43	23	10	
S				70.7	FR2				68	23	10	Z region 70.7-78.7
S				76.5	CIS12				60	23	10	
S				78.7	FR23							S region 78.7-89.9
S				83.1	CIS12				48	23	10	
S				88.2	CIS12				65	23	10	
S				89.9	FR2S							R region 89.9-103.3
S				93.5	PIS12				37	23	10	- comp. layering in M.S.
S				99.6	PIS12				70	23	10	- " " " "
S				103.3	FR2R							Z region 103.3-108.0
S				105.0	CIS12				40	23	10	
S				108.0	FR23							S region 108.0-120.0
S				111.6	CIS12				70	23	10	
S				117.6	CIS12				71	23	10	
S				120.0	FR2E							Z region 120.0-129.0 ✓
S				123.0	CIS12				60	23	10	
S				129.0	FR2Z				77	23	10	D. region 129.0-145.0 ✓
S				134.1	CIS12				66	23	10	
S				140.8	CIS12				72	23	10	
S				145.0	FR2D				78	23	10	Z region 145.0-154.9
S				150.0	CIS12				78	23	10	
S				154.9	FR2Z							R region 154.9-166.1
S				158.2	PIS12				58	23	10	
S				163.7	PIS12				69	23	10	
S				166.1	FR2R							D. region 166.1-171.3
S				169.0	CIS12				65	23	10	

Geochemical Log (Sampler's Copy)

Code	From	To	Sample No.	Description
	10 14 16 20	22 27	Length	Rec. Unit.
P	15105	15116	153101	1.1 4CG
P	15116	15136	153102	2.0 4EK4
P	15136	15158	153103	2.2 4EO
P	15158	15174	153104	1.6 4KE4
P	15174	15187	153105	1.3 4EG4
P	15187	16106	153106	1.9 4E04
P	18199	19107	153107	0.8 4A4
P	19107	19127	153108	2.0 4E4
F	19127	19137	153109	1.0 4E4
P	19137	19151	153110	1.4 4E4
P	19151	19166	153111	3.5 7.5 4AO
P	19166	19186		2.0 4AO
P	19186	11006	153112	2.0 4E4
P	11006	11021	153113	1.5 4E4
P	11021	11033	153114	1.2 4E4
P	115149	115164	153115	1.5 4D04
P	115164	115172	153116	0.8 4D0
P	115172	115192	153117	2.0 4A4
F	115192	116115	153118	2.3 4A4
P	116115	116135	153119	2.0 4CA
P	116135	116150	153120	1.5 4CA
P	116150	116161	153121	1.1 4CA
P	119187	121004	153122	1.7 4EL
P	121428	121435	153123	0.7 4E84
F	121435	121443	153124	0.8 4L0
P	121443	121451	153125	0.8 4E84
P	121451	121457	153126	0.6 4L0D
P	121457	121477	153127	2.0 4E84
P	121477	121492	153128	1.5 4E84
F	121492	12502	153129	1.0 4E8
P	12502	12524	153130	2.2 4EL
P	12524	12530	153131	0.6 4KL

Metres.

FAULT

DDH FAGAL42
2 8

Cyprus Anvil Mining Corp.

Page _____ of _____

Structural Log

Date: _____ Logged By: _____

Code	From		To		Feature	S ₀ Dip Direct.	S ₁ Dip Direct.		S ₂ Dip Direct.		Description				
	10	14	16	20			22	24	26	28		32	34	38	40
F	152	3	155	8	XID?										bxn zone w/ sulphide infilling
F	160	6	161	5	31G										gouge & heavily broken core
F	167	9	168	8	G1B										gouge & broken core
F			169	4	G1										gouge near T.O.F.
F	188	2	189	9	XID?										bxn w/ frags 4C & 4A in 4L0
F	189	9	190	7	XID?										4A bxn w/ sulphide infilling
F	195	1	198	6	XID?										bxn
F	198	6	1103	3	XID?										bxn infilling of Pb/Zn
F	1147	8	1148	2	G1B										gouge & broken core
F	1148	4	1154	9	21G1B										30% gauged & broken core
F	1154	9	1157	2	1XID										micro bxn texture
F	1161	5	1166	1	XID?										bxn zone, post D2 bxn w/ rotated sulphides frags & infilled w/ remobil sulph.
F	1173	2	1197	7	G31B										some gouge, heavily broken core Salt C.A.
F	1211	0	12114	5	G1B1										gouge & broken core
F	12115	4	12120	0	PG 4										2m/4.6m gouge
F	12210	0	1232	3	B1G										generally broken w/ 10% gouge
F	1233	8	12316	8	G1										gouge
F	1241	4	12428	3	B1										heavily broken core
F	12415	1	12457		XID?										bxn & ground core
F	12416	6	12419	8	XID?										bxn w/ some pitite frags
F	12512	4	12527		X1G										gouge & bxn
F	12530		12620		3G										70% gouge

LOGGED BY

D.D.H. N^o A142

PAGE 3

Interval		DESCRIPTION	Recovery	Sample N ^o	Interval		Sample Length	Assay					Assay x				
From	To				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag		
		Rock quite micaceous, many small-scale F ₂ folds; Note: graphite sporadically distributed in darker micaceous laminae rock not strongly graphitic. Minor py in quartz-veins. Cream-buff cc-qu veins. CA: 72=62, 74=46, F ₁ S.V.; 76=55. F ₂ , F ₁ S.V. Mud Seam -72.6	4.6		71	76	5										
76	88.3	Grade To BLACK GRAPHITIC PHYLLITE. (G) Note: Weakly mineralized 84.9 to 88.3. Thin bands of py, red sphalerite concentrated in F ₁ laminae, often folded. Rock broken poker-chip 81-85m. CA: 78=F ₂ =40, F ₁ S.V., 80=55 F ₂ ; 82=F ₂ 55 84=55; 86=60F ₂ F ₁ S.V.; 88=60	1.3 1.1		81.4 82.8	82.8 84.1	1.4 1.3	Rock	Broken								
88.3	90.6	WEAKLY MIN, BLEACHED QUARTZ-SERICITE-MARIPOSITE AND BLACK GRAPHITIC PHYLLITE (SG) Green-cream bleached mariposite phyllite with minor py, aspy. sph 88.3-89.9. CA: 90=50F ₂	3	1 0.6	4372	90	90.6	0.6	1.25	2.25	16.11						
90.6	94.6	MASSIVE BANDED PYRITIC SULPHIDE (M) Dense sulphide, with thick bands of red-sphalerite, grey galena, minor cpy. POSSibly some fine-grained greyish barite laminae. CA: 92=55, 94=52	85	6-8 1.0	4374	90.6	91.6	1.0	3.55	4.45	52.46			3.55	4.45	52.46	
			85	8-10 1.5	"5	91.6	93.1	1.5	6.55	11.90	102.86			9.83	17.85	154.29	
			85	8-10 1.2	"6	93.1	94.6	1.5	5.20	9.07	76.80			7.80	13.64	115.20	
					WT. Av.	90.6	94.6	4.0	5.30	8.79	80.49			21.18	35.44	321.95	
					"	91.6	94.6	3.0	5.88	10.50	89.83			17.63	31.49	269.49	

LOGGED BY

D.D.H. N^o A142

PAGE 5

Interval		DESCRIPTION	Recovery	Sample N ^o	Interval		Sample Length	Assay					Assay x				
From	To				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag		
		Poker-chip 129.5-132. CA: 122=72, 124=58, F S.V.; 126=70, F ₂ fold use; 128=72, 130=76, 132=70, F ₁ S.V.; 134=68. 136=67															
137	154.7	Grades to GREY SERICITE PHYLLITE WITH (S) INTERCALATED BANDS OF BLEACHED-CREAMY QUARTZ-SERICITE CHLORITE PHYLLITE AT 138.8 139.5; 147.2-148.8	2.0		143.6	146	2.6										
		Rock broken 137-141, poker-chip. Minor bleb-stringers of pyrite. CA: 138=76, 140=70, 142=62, 144=69, 146=60, 148=78 150=70. F ₂ dominant in this Section; 152=64, 154=46, note mud-seams, rock broken in hanging wall.	1.5		150.3	152.1	1.8										
			S	PZ	R												
154.7	161.6	QU-SER AND RIBBON QU GRAPHITE-SULPHIDE (SG)	60	10	1.5	4382	154.7	156.2	1.5	5.48	3.55	102.86			8.22	5.33	154.29
		Banded py, sph sulphide in quartz-sericite and quartz-graphite gangue. Note: Well defined F ₂ fold nose in ribbon-graphite sulphide at 157.4. Sulphide (50-70%); py, red sph, galena, minor po at upper contact, minor cpy. Sulphide conc. in both F ₁ F ₂ laminae. Grade 10-15% No PbZn in hanging wall. CA: 156=50, 158=65, F fold nose, 160=50	60	12	1.5	4383	156.2	157.7	1.5	4.68	7.16	60.34			7.02	10.74	90.51
			50	8	1.5	6	157.7	159.2	1.5	4.85	6.90	63.43			7.28	10.36	95.15
			50	8	1.5	7	159.2	160.7	1.5	4.03	6.63	52.16			6.05	9.93	78.69
			50	8	0.9	8	160.7	161.6	0.9	4.05	6.28	50.40			3.65	5.65	45.36
			50	2-4	3	9	161.6	164.6	3.0	0.33	3.45	9.94			0.99	10.35	29.82
			60	8	0.6	4390	164.6	165.2	0.6	5.54	4.70	72.69			3.32	2.82	43.61
			70	6	0.5	1	165.2	166.1	0.9	3.83	5.05	43.54			3.45	4.55	39.19
							WT. ANAL.										
161.6	166.1	SULPHIDE ZONE BRECCIA. FRAGMENTS OF MINERALIZED PHYLLITE AND PYRITIC SULPHIDE IN QUARTZ-SERICITE GROUNDMASS MPXsq					156.2	161.6	5.4	4.44	6.79	57.35			24.00	36.69	309.71
							154.7	161.6	6.9	4.67	6.09	67.25			52.22	42.02	464.00
							164.6	166.1	1.5	4.51	4.91	55.20			6.77	7.37	82.80
							161.6	166.1	4.5	1.72	3.94	25.03			7.76	17.72	112.62
							163.1	166.1	3.0	2.42	4.18	32.6			7.27	12.55	97.71

DDH: FAGA142 -- 42 DEGREE PROFILE

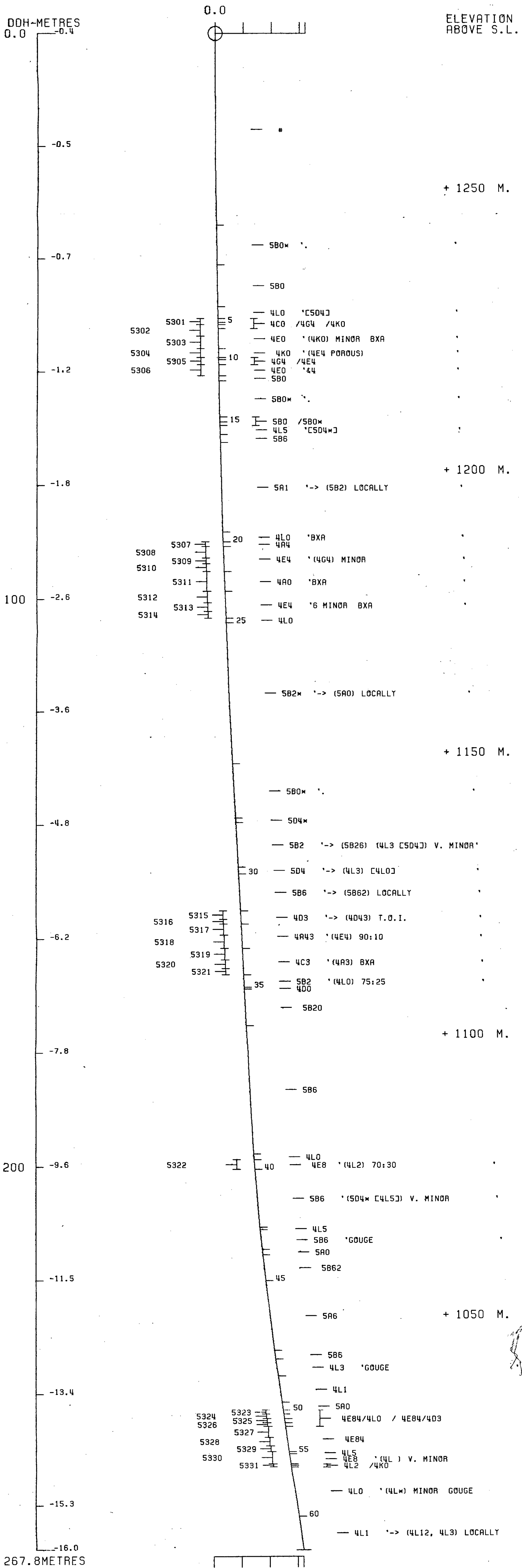
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1278 592375E ; 904803N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 405.9 Z = 1277.4

SECTION NAME: 68W



DDH: FAGA142 -- 42 DEGREE PROFILE

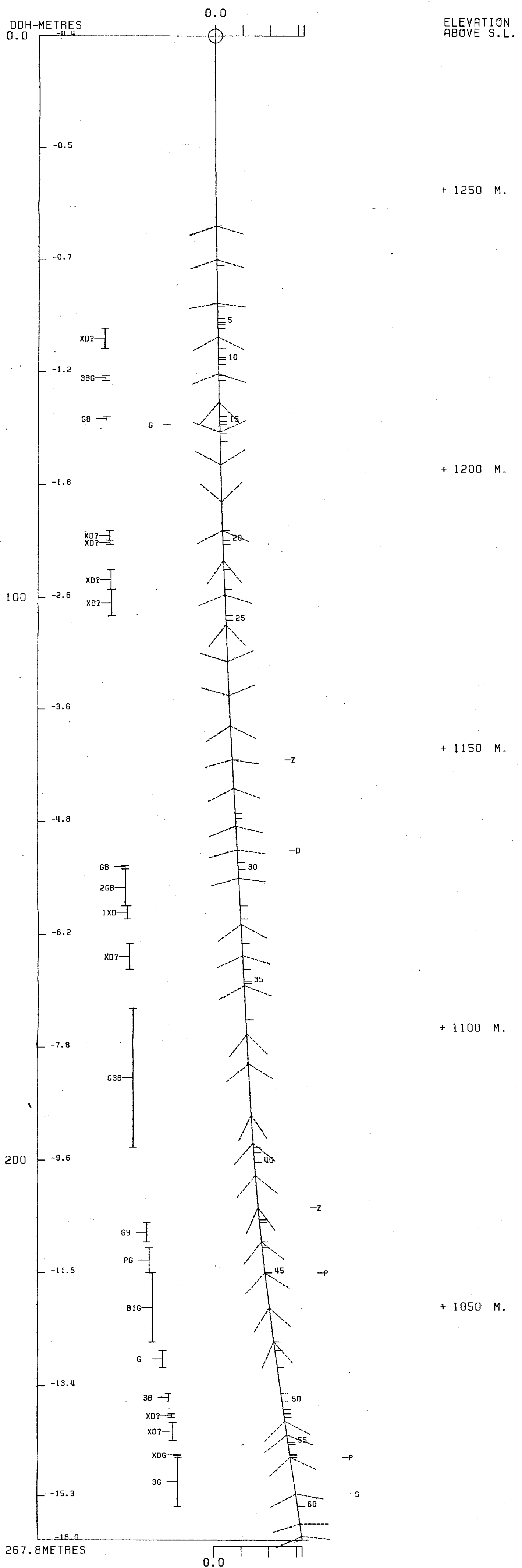
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1278 592375E ; 904803N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 405.9 Z = 1277.4

SECTION NAME: 68W



76 A143

84/10/16

GRUM DATABASE - QUIZ REPORT

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DDH	SAMPLE	---DEPTHS---		INT	REC	ROCK	S.G.	CU	PB	ZN	AG	AU	PO	PY	BAO	PB+ZN	PO+PY	ZN
		FROM	TO	M	%	UNIT		%	%	%	G/MT	G/MT	%	%	%	%	%	RATIO
FAGA143	1644	140.5	141.8	1.3	62	4L4	3.27	.03	3.78	7.10	59.0	.55	2.25	10.50		10.88	12.75	.65
	1645	145.1	146.9	1.8	100	4E4	4.30	.04	4.09	5.73	87.0	.62	1.61	27.60		9.82	29.21	.58
	1646	146.9	148.3	1.4	100	4A4	3.22	.11	1.87	3.29	30.0	.75	2.36	13.20		5.16	15.56	.64

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GRUM DATABASE - QUIZ REPORT

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DDM	SAMPLE	ROCK UNIT	CPY	NORMATIVE MINERALS - WEIGHT %					OTHER	*	CPY	NORMATIVE MINERALS - VOLUME %					OTHER
				GA	SP	PO	PY	BAR				GA	SP	PO	PY	BAR	
FAGA143	1644	4L4	.09	4.37	10.58	3.34	22.58		58.84	*	.07	1.94	8.84	2.57	15.09		71.49
	1645	4E4	.12	4.72	8.54	2.53	59.35		24.73	*	.11	2.60	8.82	2.27	49.04		37.15
	1646	4A4	.32	2.16	4.90	3.71	28.39		60.52	*	.25	.96	4.08	2.68	18.87		73.16

DRILL HOLE : FAGA143
NORTHING : 904,977.1
EASTING : 592,534.5
ELEVATION : 1,295.7
TOTAL DEPTH : 168.0
SECTION : W 68
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS ORE-SAMPLES: 3
NOS DOWN-H-SURVEYS: 3
NOS DOWN-H-LITHOLOGY: 10
NOS DOWN-H-STRUCTURE: 44
NOS DOWN-H-FAULTS: 8
NOS DOWN-H-SPLINES: 3
NOS COMPOSITES: 0

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CRE SAMPLES & ASSAYS (DHQ20)

PAGE: 51

DDH: FAGA143 UTM-N: 904,077.1 UTM-E: 592,534.5 UTM-ELEV: 1,295.7 TOTAL DEPTH: 162.0 SECTION: W 68
 PFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

---DEPTHS---				-----ASSAYS-----																	
FRM	TO	SAMPLE NO.	INT. REC.	ROCK UNIT	S.G. PULP	CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AL(FA) G/MT	PO %	PY %	TCT FE	BAC %	HG %	MN %	AS %	BA %	S.G. W.R.	
140.5	141.8	01644	1.3	.8 4L4	3.27	.03	3.78	7.10	59.00		.55	2	10	12							
145.1	146.9	01645	1.8	1.8 4E4	4.30	.04	4.09	5.73	87.00		.62	1	27	29							
146.9	148.3	01646	1.4	1.4 4A4	3.22	.11	1.87	3.29	30.00		.75	2	13	15							
WEIGHTED AVERAGE																					
140.5	141.8		1.3	.8	3.27	.03	3.78	7.10	59.00		.55	2	10	12							
145.1	148.3		3.2	3.2	3.82	.07	3.11	4.66	62.06		.67	1	21	23							

21FEB84 GRUM

DOWN-HOLE SURVEYS (DH02C)

PAGE: 52

DDH: FAGA143 UTM-N: 904,977.1 UTM-E: 592,534.5 UTM-ELEV: 1,295.7 TOTAL DEPTH: 168.0 SECTION: W 68
RFE: S2 RFE OIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
76.200	173.000	64.000
137.200	163.500	73.000

CDH: FAGA143 UTM-N: 904,977.1 UTM-E: 592,534.5 UTM-ELEV: 1,295.7 TOTAL DEPTH: 168.0 SECTION: W 68
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
29.2	OCC1	#		0.5-	1
33.9	OCC2	5AC	(5D0)	0.5-	1
44.3	OCC3	5D0	(5C0)	0.5-	1
99.9	OCC4	5BC	(5D0) MINOR	0.5-	1
138.5	OCC5	5D0	BIO	0.5-	1
145.1	OCC6	4LC	(4L4) [5B46 (5B469)]	0.5-	1
146.9	OCC7	4E4		0.5-	1
148.3	OCC8	4A4	[4D0]	0.5-	1
149.4	OCC9	5A1		0.5-	1
168.2	OCC10	5B6	BIO (4LC)	0.5-	1

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DOWN-HOLE STRUCTURE (DH020)

PAGE: 54

DDH: FAGA143 UTM-N: 904,977.1 UTM-E: 592,534.5 UTM-ELEV: 1,295.7 TOTAL DEPTH: 168.0 SECTION: W 68
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	SO	ANGLE	DIRECT	S1	ANGLE	DIRECT	S2	ANGLE	DIRECT	RFE	CDE	DHCC	SDC	PRCESS
FAGA143	0.0	29.8	CS2			0	G	0	C		73	230	C			1	1	1
FAGA143	0.0	36.1	CS2			0	G	0	C		62	230	C			1	1	1
FAGA143	29.2	38.0	CS2	S		0	G	0	C		0	C	C			1	1	1
FAGA143	0.0	38.1	PS2			0	C	0	C		55	230	C			1	1	1
FAGA143	0.0	43.5	PS2			0	G	0	C		62	230	C			1	1	1
FAGA143	38.0	43.5	PS2	P		0	C	0	C		0	0	C			1	1	1
FAGA143	0.0	44.6	PS2			0	G	0	G		56	230	C			1	1	1
FAGA143	43.5	45.3	PS2	P		0	C	0	C		0	0	C			1	1	1
FAGA143	0.0	46.1	CS2			0	C	0	C		63	230	C			1	1	1
FAGA143	0.0	52.4	CS2			0	G	0	C		61	230	C			1	1	1
FAGA143	0.0	55.7	CS2			0	G	0	C		53	230	C			1	1	1
FAGA143	45.3	57.2	CS2	S		0	C	0	C		0	C	G			1	1	1
FAGA143	0.0	57.4	PS2			0	G	0	G		72	230	C			1	1	1
FAGA143	0.0	62.2	PS2			0	G	0	C		67	230	C			1	1	1
FAGA143	57.2	62.5	PS2	P		0	G	0	C		0	C	G			1	1	1
FAGA143	0.0	68.0	CS2			0	C	0	C		53	230	C			1	1	1
FAGA143	0.0	74.7	CS2			0	G	0	C		56	230	C			1	1	1
FAGA143	0.0	81.1	CS2			0	G	0	C		62	230	G			1	1	1
FAGA143	0.0	87.0	CS2			0	G	0	C		54	230	C			1	1	1
FAGA143	62.5	90.8	CS2	S		0	C	0	C		0	0	C			1	1	1
FAGA143	0.0	91.6	CS2			0	G	0	G		48	230	C			1	1	1
FAGA143	0.0	96.9	CS2			0	G	0	C		52	230	C			1	1	1
FAGA143	0.0	103.7	CS2			0	G	0	C		55	230	C			1	1	1
FAGA143	90.8	104.5	CS2	M		0	G	0	C		0	C	G			1	1	1
FAGA143	0.0	107.3	CS2			0	G	0	C		55	230	G			1	1	1
FAGA143	104.5	107.5	CS2	Z		0	G	0	C		0	0	C			1	1	1
FAGA143	0.0	112.3	CS2			0	G	0	C		59	230	C			1	1	1
FAGA143	0.0	117.3	CS2			0	C	0	C		46	230	C			1	1	1
FAGA143	107.5	117.6	CS2	S		0	G	0	C		0	C	C			1	1	1
FAGA143	0.0	123.9	CS2			0	C	0	C		70	230	C			1	1	1
FAGA143	0.0	130.6	CS2			0	C	0	C		63	230	C			1	1	1
FAGA143	117.6	130.9	CS2	M		0	C	0	C		0	0	C			1	1	1
FAGA143	0.0	132.3	CS2			0	G	0	G		60	230	G			1	1	1
FAGA143	130.9	133.2	CS2	S		0	G	0	C		0	C	C			1	1	1
FAGA143	133.2	134.4	CS2	Z		0	C	0	C		0	0	G			1	1	1
FAGA143	0.0	138.5	CS2			0	G	0	C		59	230	C			1	1	1
FAGA143	0.0	144.7	CS2			0	G	0	C		40	230	C			1	1	1
FAGA143	134.4	145.4	CS2	S		0	C	0	C		0	C	C			1	1	1
FAGA143	0.0	147.5	PS2			0	G	0	C		71	230	G			1	1	1
FAGA143	145.4	148.2	PS2	P		0	C	0	C		0	0	C			1	1	1
FAGA143	0.0	153.1	CS2			0	C	0	C		48	230	C			1	1	1
FAGA143	0.0	160.9	CS2			0	C	0	C		62	230	C			1	1	1
FAGA143	0.0	166.6	CS2			0	C	0	C		79	230	C			1	1	1
FAGA143	148.2	168.2	CS2	M		0	C	0	C		0	0	C			1	1	1

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DOWN-HOLE FAULTS (DHO20)

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DDH: FAGA143 UTM-N: 904,977.1 UTM-E: 592,534.5 UTM-ELEV: 1,295.7 TOTAL DEPTH: 168.0 SECTION: W 68
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	REC	CD	PARLL	UPPER PLANE	INTERNAL PLANE	LOWER PLANE	DHD			
FAGA143	77.1	78.1	G				0	0	C	C	0	0	1
FAGA143	138.9	139.3	G				0	0	C	C	0	0	1
FAGA143	139.9	140.5	G				C	0	C	C	0	0	1
FAGA143	141.8	142.5	G				C	0	C	C	0	0	1
FAGA143	144.3	144.6	G				0	0	C	C	0	0	1
FAGA143	148.4	149.2	G				0	0	C	C	0	0	1
FAGA143	153.5	154.0	G				0	0	C	C	0	0	1
FAGA143	159.2	159.3	G				C	0	C	C	0	0	1

21FEB84 GRUM

DOWN-HOLE SPLINES (DHO20)

PAGE: 56

DDH: FAGA143 UTM-N: 904,977.1 UTM-E: 592,534.5 UTM-ELEV: 1,295.7 TOTAL DEPTH: 168.0 SECTION: W 68
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH SEGMENT NOS COND INDICATOR

FAGA143	1	2
FAGA143	2	2
FAGA143	3	1

**THIS REPORT WAS REQUESTED BY: LEEP .GEOLOGY AT: 11:22:53

84/10/16

GRUM DATABASE - QUIZ REPORT

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DDH	SAMPLE	----DEPTHS----		INT	REC	ROCK	S.G.	CU	PB	ZN	AG	AU	PO	PY	BAO	PB+ZN	PO+PY	ZN
		FROM	TO	M	%	UNIT		%	%	%	G/MT	G/MT	%	%	%	%	%	RATIO
FAGA143	1644	140.5	141.8	1.3	62	4L4	3.27	.03	3.78	7.10	59.0	.55	2.25	10.50		10.88	12.75	.65
	1645	145.1	146.9	1.8	10C	4E4	4.30	.04	4.09	5.73	87.0	.62	1.61	27.60		9.82	29.21	.58
	1646	146.9	148.3	1.4	10C	4A4	3.22	.11	1.87	3.29	30.0	.75	2.36	13.20		5.16	15.56	.64

84/10/16

GRUP DATABASE - QUIZ REPORT

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DDH	SAMPLE	ROCK UNIT	CPY	NORMATIVE MINERALS - WEIGHT %					OTHER	*	CPY	NORMATIVE MINERALS - VOLUME %					OTHER
				GA	SP	PO	PY	BAR				GA	SP	PO	PY	BAR	
FAGA143	1644	4L4	.09	4.37	10.58	3.54	22.58		58.84	*	.07	1.94	8.84	2.57	15.09		71.49
	1645	4E4	.12	4.72	8.54	2.53	59.35		24.73	*	.11	2.60	8.82	2.27	49.04		37.15
	1646	4A4	.32	2.16	4.90	3.71	28.39		60.52	*	.25	.96	4.08	2.68	18.87		73.16

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 76-A143

Fabric Orientation Diagram:

Project: GRUM

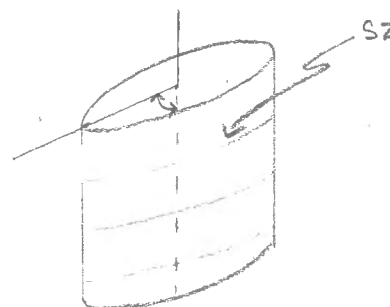
Location: VANGORDA PLATEAU

Claim: _____

^{VTM}
~~Top~~. Plane
Co-ords.: 6,904,977.14 N

Co-ords.: 592,534.53 E

Grid
Co-ords.: 68W / 9N



1979 HICW
Orthogonal
Survey

All symmetry determinations looking

NW with SZ dipping

SW with dip azimuth 230.

Elevation: 1295.70

Total Depth: 168.2 m

Purpose: _____

^{RE}
Logged by: PN

Date(s) ^{RE} Logged: MAY 24, 25, 28 1980

Drilling Contractor: _____

Core: Size From To Collar Cased and Capped: _____

BQ 0 EOH

Started: 20/8/76

Completed: 3/9/76

DDH 7,6-A,1,4,3
2 8

Cyprus Anvil Mining Corp.

Lithologic Log

Logged By: PN

Code	From		To		Unit		Code	Description
	10	14	16	20	22	23		
L	100		129	2	11			o/B
L	129		133	9	12	51A10		w/ interbands of 5D0
L	133		144	3	3	51D10		w/ siliceous lenses; mottled in places; minor py
L	144		199	9	14	51B10		variably calcareous; w/ siliceous lenses; minor interbands of 5D0; gouge bet. 77.1-78.1m.
L	199		113	8	15	51D10		minor py, cpy; qtz lenses; variable bt content;ankerite assoc. w/ qtz
L	113		114	5	16	41L10	4	bleached phyllite w/ sph (5B4? non-calc.); gouge bet. 138.9-139.3m, 139.9-140.5m, 141.8-142.5m, 144.3-144.6m
L	114		114	6	17	41E10	4	minor qtz blebs
L	114		114	8	18	41A10	4	
L	114		114	9	19	51A11		minor py blebs; gouge bet. 148.4-149.2m.
L	114		116	8	110	51B16		5B6/5B1; siliceous lenses; minor py, bt, graphite; interlayers of 4L0; gouge bet. 153.5-154.0m, 159.2-159.3m.
			1E10H					

Code	From		To		Feature	S/F	S ₁		S ₂		Description	
	Dip	Direct.	Dip	Direct.			Dip	Direct.	Dip	Direct.		
	10	14	16	20	22	24	26	28	32	34	38	
S				1219	2	IFZ	S					0-29.2m ^{0/B} S sym 29.2-38.0m; minor R regions
S				1219	8	C/SZ				713	2310	
S				1361		C/SZ				612	2310	
S				1318	0	IFZ	S					R region 38.0-43.5m; minor S/Z sym
S				1318	1	P/SZ				515	21310	
S				1435		P/SZ				612	21310	
S				1435		IFZ	R					P region 43.5-45.3; minor S sym
S				1446		P/SZ				516	21310	
S				1453		IFZ	P					S sym 45.3-57.2m; minor R regions
S				1461		C/SZ				613	21310	
S				1524		C/SZ				611	2310	
S				1557		C/SZ				513	2310	
S				1572		IFZ	S					P region 57.2-62.5m; minor S sym
S				1574		P/SZ				712	21310	
S				1622		P/SZ				617	21310	
S				1625		IFZ	P					S sym. 62.5-90.8m; minor R and P regions; S/Z = 70/30
S				1618	0	C/SZ				513	2310	
S				1747		C/SZ				516	2310	
S				1811		C/SZ				612	2310	
S				1870		C/SZ				514	2310	
S				1910	8	IFZ	S					M region 90.8-104.5m; minor P regions
S				1916		C/SZ				418	21310	
S				1969		C/SZ				512	2310	
S				11013	7	C/SZ				515	2310	
S				11014	5	IFZ	M					Z sym 104.5-107.5m
S				11017	3	C/SZ				515	2310	
S				11017	5	IFZ	Z					S sym 107.5-117.6m
S				11112	3	C/SZ				519	2310	
S				11117	3	C/SZ				416	2310	
S				11117	6	IFZ	S					M region 117.6-130.9m; S/Z = 70/30
S				11239		C/SZ				710	2310	
S				11310	6	C/SZ				613	2310	
S				11310	9	IFZ	M					S sym 130.9-133.2m
S				11312	3	C/SZ				610	2310	

Motres

FAULT

DDH F.A.G.A.143
2 8

Cyprus Anvil Mining Corp.

Page _____ of _____

Structural Log

Date: _____ Logged By: _____

Code	From				To				Feature	SYE	S ₀		S ₁		S ₂		Description		
	10	14	16	20	22	24	26	28			Dip	Direct.	Dip	Direct.	Dip	Direct.		38	40
F	177	1	178	1	G	1												gauge	
F	138	9	139	3	G	1												"	
F	139	9	140	5	G	1												"	
F	141	8	142	5	G	1												"	
F	144	3	144	6	G	1												"	
F	148	4	149	2	G	1												"	
F	153	5	154	0	G	1												"	
F	159	2	159	3	G	1												"	

DDH: FAGA143 -- 42 DEGREE PROFILE

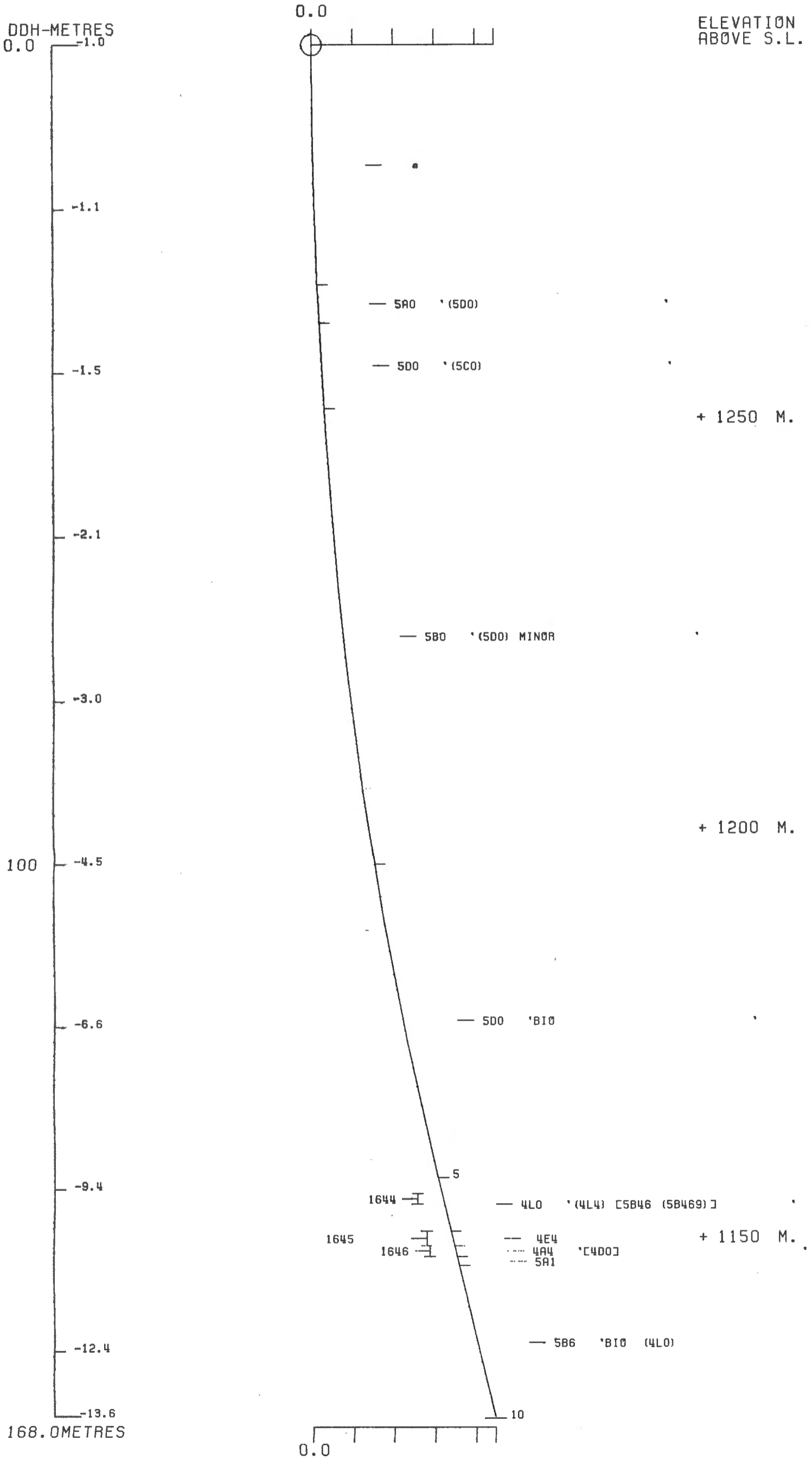
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1296 592535E ; 904977N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 642.2 Z = 1295.5

SECTION NAME: 68W



DDH: FAGA143 -- 42 DEGREE PROFILE

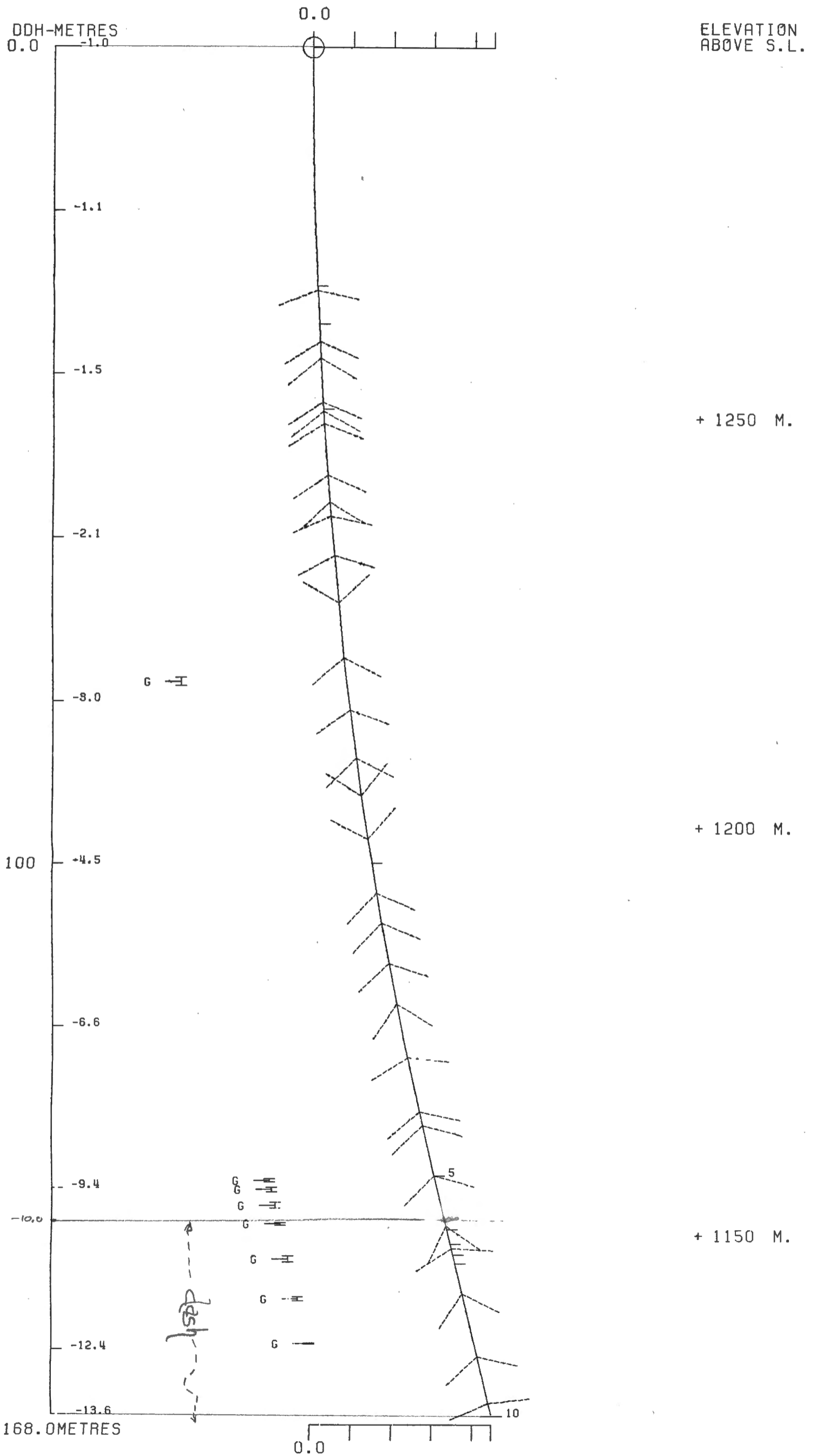
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1296 592535E ; 904977N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 642.2 Z = 1295.5

SECTION NAME: 68W



76 A145

84/10/16

GRUM DATABASE - QUIZ REPORT

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DDH	SAMPLE	---DEPTHS---		INT M	REC %	ROCK UNIT	S.G.	CU %	PB %	ZN %	AG G/MT	AU G/MT	PO %	PY %	BAO %	PB+ZN %	PO+PY %	ZN RATIO	
		FROM	TO																
PAGA145	5199	41.8	43.3	1.5	100	4L0	3.11	.09	.81	.94	13.0	.41						1.75	.54
	5200	48.0	50.3	2.3	83	4K4	4.52	.12	11.40	12.80	148.0	.89	3.89	21.90		24.20	25.79	.53	
	5214	78.3	80.0	1.7	88	4CAD	3.57	.14	1.39	2.85	26.0	.96	2.36	19.60		4.24	21.96	.67	
	5215	80.0	83.1	3.1	77	4K4	4.59	.29	3.28	3.59	55.0	1.17	2.97	33.70		6.87	36.67	.52	

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GRUM DATABASE - QUIZ REPORT

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DDH	SAMPLE	ROCK UNIT	NORMATIVE MINERALS - WEIGHT %							OTHER	*	NORMATIVE MINERALS - VOLUME %								
			CPY	GA	SP	PO	PY	BAR	CPY			GA	SP	PO	PY	BAR	OTHER			
FAGA145	5199	4L0	.24	.94	1.40					97.40	*									
	5200	4K4	.35	13.17	19.08	6.12	47.10			14.19	*	.37	7.80	21.19	5.91	41.83				22.92
	5214	4CAD	.40	1.61	4.25	3.71	42.15			47.88	*	.34	.74	3.79	2.88	30.09				62.14
	5215	4K4	.84	3.79	5.35	4.67	72.47			12.88	*	.90	2.27	6.02	4.57	65.19				21.06

DRILL HOLE : FAGA145
NORTHING : 904,754.2
EASTING : 592,331.0
ELEVATION : 1,275.4
TOTAL DEPTH : 86.0
SECTION : W 68
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
CHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS CORE-SAMPLES: 4
NOS DOWN-H-SURVEYS: 2
NOS DOWN-H-LITHOLOGY: 15
NOS DOWN-H-STRUCTURE: 16
NOS DOWN-H-FAULTS: 15
NOS DOWN-H-SPLINES: 2
NOS COMPOSITES: 0

21FE984 GRUM

ORE SAMPLES & ASSAYS (DHC20)

PAGE: 44

DDH: FAGA145 UTM-N: 904,754.2 UTM-E: 592,331.0 UTM-ELEV: 1,275.4 TOTAL DEPTH: 86.0 SECTION: W 68
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

---DEPTHS---				-----ASSAYS-----																	
FRCM	TO	SAMPLE NO.	INT. REC.	ROCK UNIT	S.G. PULP	CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TCT FE	BAC %	HG %	MN %	AS %	BA %	S.G. W.R.	
41.8	43.3	05199	1.5	1.5 4L0	3.11	.09	.81	.94	13.00		.41										
48.0	50.3	05200	2.3	1.9 4K4	4.52	.12	11.40	12.80	148.00		.89	3	21	25							
78.3	80.0	05214	1.7	1.5 4CAD	3.57	.14	1.39	2.85	26.00	35.00	.96	2	19	21							
80.0	83.1	05215	3.1	2.4 4K4	4.59	.29	3.28	3.59	55.00		1.17	2	33	36							
WEIGHTED AVERAGE																					
41.8	43.3		1.5	1.5	3.11	.09	.81	.94	13.00		.41										
48.0	50.3		2.3	1.9	4.52	.12	11.40	12.80	148.00		.89	3	21	25							
78.3	83.1		4.8	3.9	4.22	.23	2.61	3.32	44.72	12.39	1.09	2	28	31							

21FEB84 GRUM

DOWN-HOLE SURVEYS (DHO20)

PAGE: 45

DCH: FAGA145 UTM-N: 904,754.2 UTM-E: 592,331.0 UTM-ELEV: 1,275.4 TOTAL DEPTH: 36.0 SECTION: w 68
RFE: S2 RFE DIR: 230 FLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
55.200	175.900	82.800

21FEB84 GRUM

DOWN-HOLE LITHOLOGY (DHQ20)

PAGE: 46

DDH: FAGA145 UTM-N: 9C4,754.2 UTM-E: 592,331.0 UTM-ELEV: 1,275.4 TOTAL DEPTH: 86.0 SECTION: W 68
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
19.2	OC01	#		0.5-	1
25.3	OCC2	5DC	(5C) MINOR	0.5-	1
30.9	OC03	5AC		0.5-	1
38.0	OCC4	5DD	&1	0.5-	1
46.0	OCC5	4LC	# MINOR &4	0.5-	1
50.3	OCC6	4K4	& POROUS	0.5-	1
53.1	OC07	4LC	&#	0.5-	1
54.2	OCC8	5B0	&2 T.O.I. 60:40	0.5-	1
55.5	OC09	4LC	(4L2) C.O.I.	0.5-	1
69.2	OC10	5B0		0.5-	1
78.3	OG11	5A6	(4L0) E.O.I. 90:10	0.5-	1
80.0	OG12	4CC	BXA (4A0)(4L2)(4D4)46:18:18	0.5-	1
83.1	OG13	4K4		0.5-	1
83.7	OG14	4L5		0.5-	1
86.1	OC15	5A1		0.5-	1

21FEB84 GRUM

DOWN-HOLE STRUCTURE (DHC20)

PAGE: 47

DDH: FAGA145 UTM-N: 9C4,754.2 UTM-E: 592,331.0 UTM-ELEV: 1,275.4 TOTAL DEPTH: 86.0 SECTION: W 68
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	DIRECT	S1 ANGLE	DIRECT	S2 ANGLE	DIRECT	RFE	CDE	DHDC	SDC	PROCESS
FAGA145	0.C	19.3	CS2		0	0	C	0	40	23C	C		1	1	1
FAGA145	0.C	25.2	CS2		0	0	C	0	56	230	C		1	1	1
FAGA145	0.0	32.7	CS2	C	0	0	C	0	53	23C	C		1	1	1
FAGA145	0.C	38.8	CS2	C	0	0	0	0	61	230	0		1	1	1
FAGA145	0.0	43.6	CS2	Z	0	0	0	0	59	230	C		1	1	1
FAGA145	19.2	48.0	CS2	S	0	0	0	0	0	0	0		1	1	1
FAGA145	48.C	50.3	PS2	P	0	0	0	0	0	0	0		1	1	1
FAGA145	0.C	51.4	CS2		0	0	0	0	46	230	C		1	1	1
FAGA145	0.C	57.4	CS2		0	0	0	0	78	23C	0		1	1	1
FAGA145	0.0	63.2	CS2		0	0	0	0	71	23C	C		1	1	1
FAGA145	0.C	69.3	CS2		0	0	0	0	72	23C	C		1	1	1
FAGA145	0.C	75.4	CS2		0	0	0	0	71	23C	C		1	1	1
FAGA145	50.3	78.3	CS2	Z	0	0	0	0	0	C	C		1	1	1
FAGA145	78.3	83.1	PS2	P	0	0	0	0	0	C	0		1	1	1
FAGA145	0.C	86.0	CS2		0	0	0	0	59	23C	0		1	1	1
FAGA145	83.1	86.1	CS2	S	0	0	0	0	0	0	C		1	1	1

21FEB84 GRUM

DOWN-HOLE FAULTS (DHO20)

PAGE: 48

DDH: FAGA145 UTM-N: 904,754.2 UTM-E: 592,331.0 UTM-ELEV: 1,275.4 TOTAL DEPTH: 86.0 SECTION: W 68
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	REC	CD	PARLL	UPPER PLANE	INTERNAL PLANE	LOWER PLANE	DFD			
FAGA145	25.3	25.4	G				C	0	C	C	0	0	1
FAGA145	29.5	30.8	G				0	0	C	C	0	0	1
FAGA145	32.0	32.1	G				0	0	C	C	0	0	1
FAGA145	44.6	44.8	Q				0	0	C	C	0	0	1
FAGA145	46.5	46.8	G				0	0	C	C	0	0	1
FAGA145	51.1	51.2	G				0	0	C	0	0	0	1
FAGA145	52.8	53.1	Q				0	0	C	C	0	0	1
FAGA145	68.4	69.2	Q				0	0	C	0	0	0	1
FAGA145	71.4	71.5	G				0	0	C	C	0	0	1
FAGA145	72.0	72.2	G				0	0	C	0	0	0	1
FAGA145	0.0	74.6	XD?				0	0	C	0	0	0	1
FAGA145	77.2	77.3	XD?				0	0	C	C	0	0	1
FAGA145	78.3	78.7	XD?				0	0	0	0	0	0	1
FAGA145	81.0	83.1	XD?				0	0	C	C	0	0	1
FAGA145	83.8	83.9	G				0	0	C	0	0	0	1

21FEB84 GRUM

DOWN-HOLE SPLINES (DH020)

PAGE: 49

DDH: FAGA145 UTM-N: 904,754.2 UTM-E: 592,331.0 UTM-ELEV: 1,275.4 TOTAL DEPTH: 86.0 SECTION: W 68
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH SEGMENT NOS COND INDICATOR

FAGA145	1	2
FAGA145	2	1

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GRUM DATABASE - QUIZ REPORT

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DDH	SAMPLE	---DEPTHS---		INT	REC	ROCK	S-G-	CU	PB	ZN	AG	AU	PO	PY	BAO	PB+ZN	PC+PY	ZN
		FROM	TO	M	X	UNIT		X	X	X	G/MT	G/MT	X	X	X	X	X	RATIO
FAGA145	5199	41.8	43.3	1.5	100	4L0	3.11	.09	.81	.94	13.0	.41				1.75		.54
	5200	48.0	50.3	2.3	83	4K4	4.52	.12	11.40	12.80	148.0	.89	3.89	21.90		24.20	25.79	.53
	5214	78.3	80.0	1.7	88	4CAD	3.57	.14	1.39	2.85	26.0	.96	2.36	19.60		4.24	21.96	.67
	5215	80.0	83.1	3.1	77	4K4	4.59	.29	3.28	3.59	55.0	1.17	2.97	33.70		6.87	36.67	.52

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GRUM DATABASE - QUIZ REPORT

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DDH	SAMPLE	ROCK UNIT	NORMATIVE MINERALS - WEIGHT %							OTHER	*	NORMATIVE MINERALS - VOLUME %								
			CPY	GA	SP	PO	PY	BAR	CPY			GA	SP	PO	PY	BAR	OTHER			
FAGA145	5199	4LD	.26	.94	1.40					97.40	*									
	5200	4K4	.35	13.17	19.08	6.12	47.10			14.19	*	.37	7.80	21.19	5.91	41.83				22.92
	5214	4CAD	.40	1.61	4.25	3.71	42.15			47.88	*	.34	.76	3.79	2.88	30.09				62.14
	5215	4K4	.84	3.79	5.35	4.67	72.47			12.88	*	.90	2.27	6.02	4.57	65.19				21.06

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 76-A145

Fabric Orientation Diagram:

Project: GRUM

Location: VANGORDA PLATEAU

Claim: _____

UTM
Terra. Plane
Co-ords.: 6,904,754.19 N

592,330.96 E

Grid
Co-ords.: 68W/1S

Elevation: 1275.36

Total Depth: 86.1m.

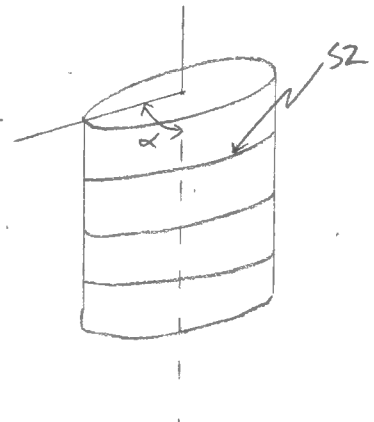
Purpose: _____

Logged by: PN Date(s) Logged: JUNE 7/80

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

BQ 0 EOH

Started: 26/8/76 Completed: 28/8/76



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

1979
HWS O. Kogala
Survey

Cyprus Anvil Mining Corp.
 Structural Log

Code	From		To		Feature	S ₁ Dip Direct.	S ₂ Dip Direct.		Description
	10	14 16	20	22 24 26 28			32 34	38	
S			192						O/B
S			193	CSZ			40	2310	
S			252	CSZ			56	2310	
S			327	CSZ			53	2310	D at 32.6m
S			380	CSZ			61	2310	D at 37.7m
S			436	CSZ			59	2310	minor Z sym at 40.4m + 43.8 m.; F4 at 43.4m.
S			480	FZS					R region 48.0 - 50.3m. (m. sulphides)
S			503	FZR					Z sym 50.3 - 78.3m; ambiguous bet. 65.4 and 73.8m. since definite symmetry not obtainable here
S			511	CSZ			46	2310	
S			574	CSZ			78	2310	
S			632	CSZ			71	2310	
S			693	CSZ			72	2310	
S			754	CSZ			71	2310	
S			783	FZR					R region 78.3 - 83.1m (m. sulphides)
S			831	FZR					S sym. 83.1 - 86.1m
S			860	CSZ			59	2310	
			E01H						

Metres

FAULT

DDH FAGAL45 Cyprus Anvil Mining Corp.

Page _____ of _____

Structural Log

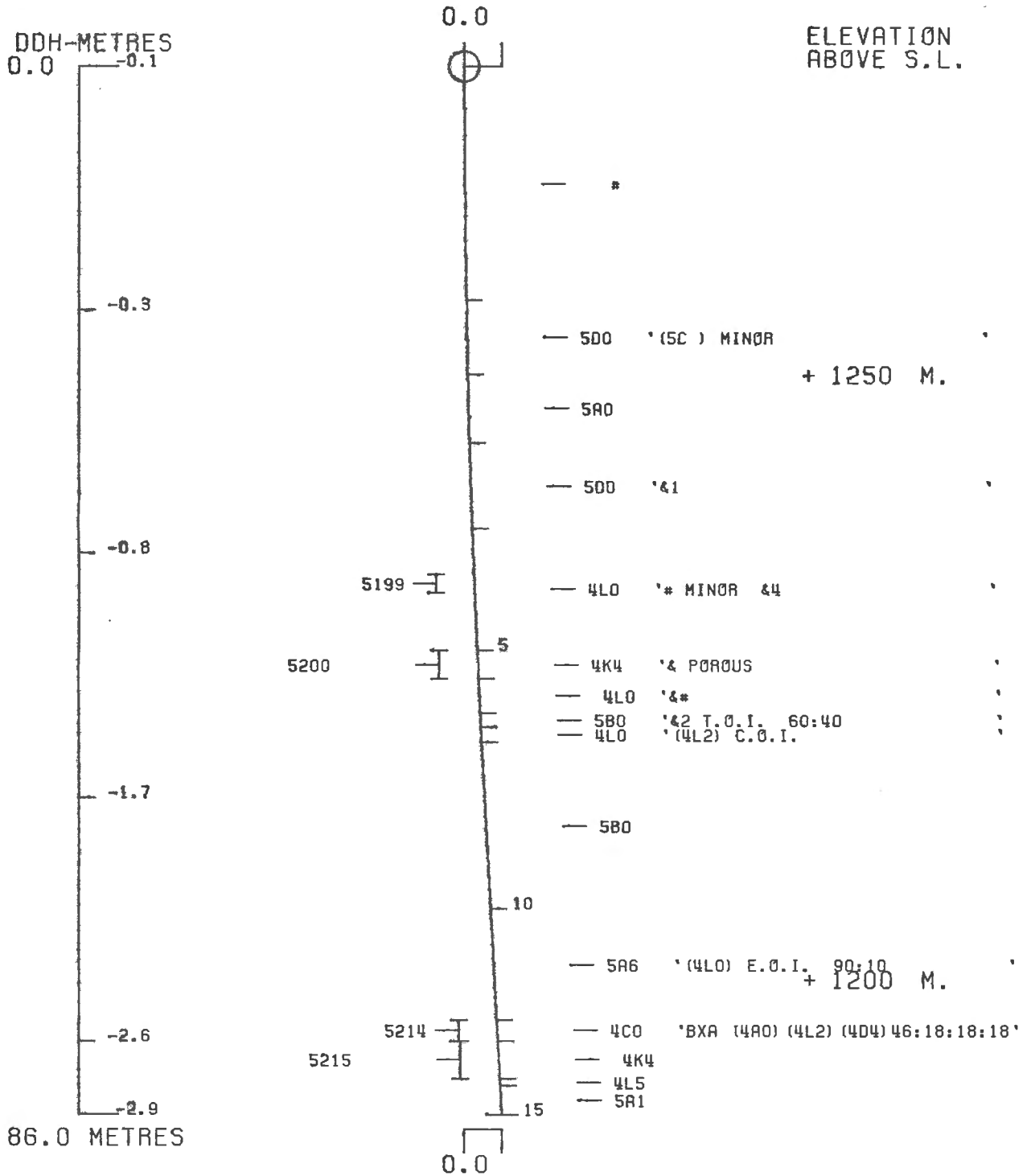
Date: _____ Logged By: _____

Code	From				To				Feature	S ₀ Dip Direct.	S ₁		S ₂		Description
	10	14	16	20	22	24	26	28			32	34	38	40	
F	12	15	3	12	15	4	G								} gouge
F	12	9	5	13	10	8	G								} gouge
F	13	12	0	13	12	1	G								gouge
F	14	4	6	14	4	8	Q								qtz vein
F	14	6	5	14	6	8	G								gouge
F	15	12	8	15	13	1	Q								qtz vein
F	15	1	1	15	1	2	G								gouge
F	16	18	4	16	19	2	Q								qtz vein
F	17	1	4	17	1	5	G								} gouge
F	17	2	0	17	2	2	G								} gouge
F				17	4	6	XID?								} massive py w/ phyllite inclusions
F	17	7	2	17	7	3	XID?								py bxa w/ py pebbles in py-qtz-phyllite matrix
F	17	8	3	17	8	7	XID?								py bxa
F	18	1	6	18	3	1	XID?								py bxa
F	18	13	8	18	13	9	G								gouge

Interval		DESCRIPTION	Recovery	Sample N ^o	Interval		Sample Length	Assay					Assay x				
From	To				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag		
30.8	38.1	QUARTZ-SERICITE-CHLORITE PHYLLITE + SULPHIDES, LIGHT-DARK GRN.															
		60-70% quartz, 10-30 ser, 5-30 chl, 0-4 py, 0-1 PZ	1.6/3.3		30.8	34.1											
		30.8-31.3m: Siliceous, no chl. Similar to 19.2-25.7m.	1.3/1.3			35.4											
		-34.4: Siliceous, 5 chl	0.55/1.5			36.9				0.2 PZ, est.	(4py)						
		35.5 : 20-30% Chl.	1.2/1.2			38.1				0.3 PZ, est.	(6PY)						
		-38.1: Greenish-buff transition zone, 2mm-3cm bands of 5-25% py/1-3 PZ.															
		CA: 25° @ 31m, 60° @ 32.2, 50° @ 33.2 (f ₁ 60 to F ₂) 60° @ 37m (F ₁ nose @ 36.8m), 80° @ 38m															
		NOTE: 2% calcite @ 34.4-35.4m.															
38.1	48.0	QUARTZ-SERICITE PHYLLITE WITH MINOR SULPHIDES (SBP)															
		60% quartz, 0-15 (Av .4%) py, 0-2 PZ. (Av0.3)	3.4/3.7		38.1	41.8				NIL PZ, est.							
		Bleached buff, moderately firm. Highest sulph @ 41.8-44.8m ^{py}	1.5/1.5	A 4906		43.3	1.5										
		10PY CA: F ₂ =70°. F ₁ sub-V to F ₂ , f ₁ closure @ 42.1m	1.5/1.5			44.8				0.3 PZ, est.							
		Shear @ 46.5-46.8m, rock crushed.	1.5/2.1			46.9				NIL PZ, est.							
			1/1.1			48.0				0.1 PZ, est.							
48.0	50.3	MASSIVE SULPHIDES. (MB)															
		Massive banded sulphides, 55py, 25pz.	1.95	A 4907	48.0	50.3	2.3	11.08	13.39	156.34							
		49.7-50.3m : vuggy or porous. CA: 60°		Wt. N.	47.3	50.3	3.0	8.49	10.27	119.9							

DDH: FAGA145 -- 42 DEGREE PROFILE (VIEW AZIMUTH = 312 DEGREES)

ELEV: 1275 592331E ; 904754N
 PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0
 CORRECTED COLLAR POSITION: X = 340.4 Z = 1275.4
 SECTION NAME: 68W



DDH: FAGA145 -- 42 DEGREE PROFILE

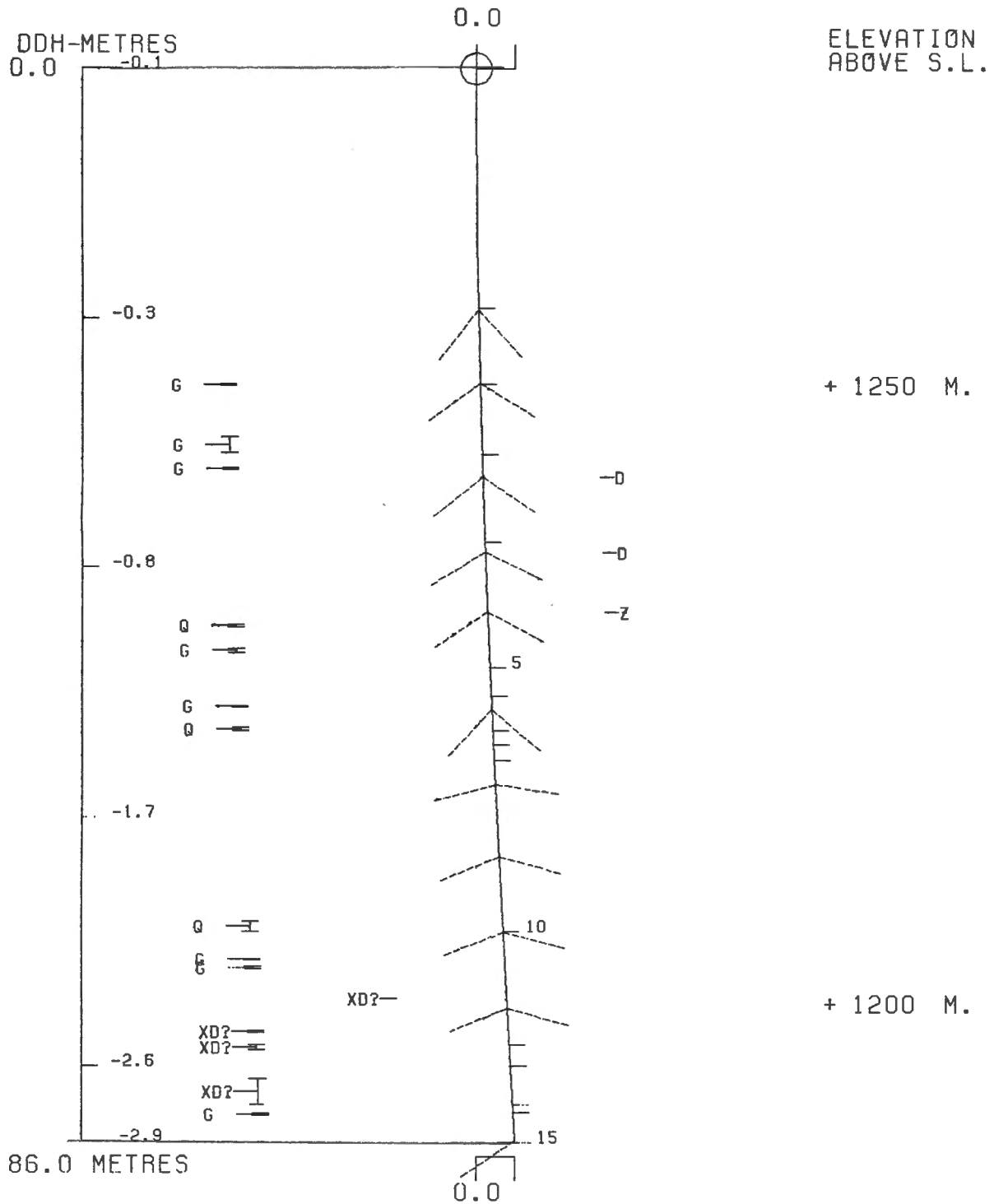
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1275 592331E ; 904754N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 340.4 Z = 1275.4

SECTION NAME: 68W



76 A 147

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DDH	SAMPLE	---DEPTHS---	INT	REC	ROCK	S.G.	CU	PB	ZN	AG	AU	PO	PY	BAO	PB+ZN	PO+PY	ZN
		FROM TO	M	%	UNIT		%	%	%	G/MT	G/MT	%	%	%	%	%	RATIO
FAGA147	5166	43.7	46.1	2.4	4A0	2.88	.03	1.22	3.78	32.0	.41	1.60	3.88		5.00	5.48	.76
	5167	47.4	48.0	.6	4A0	2.91	.06	1.15	2.62	20.0	.34	1.31	4.94		3.77	6.25	.69
	5168	48.0	49.4	1.4	4L2	2.91	.05	.81	2.05	15.0	.27	2.24	3.96		2.86	6.20	.72
	5169	49.4	51.0	1.6	4A0	2.95	.12	.74	1.45	12.0	.48	1.45	6.50		2.19	7.95	.66
	5170	51.0	52.7	1.7	4A0	3.00	.09	1.40	3.39	21.0	.41	2.13	7.80		4.79	9.93	.71
	5171	77.6	78.6	1.0	5B19	2.92	.06	.50	.80	8.0	.48				1.30		.62
	5172	82.0	85.2	3.2	5B19	2.92	.15	.64	1.29	15.0	.27				1.93		.67
	5173	85.2	88.4	3.2	4L42	2.85	.04	.25	.76	3.0	.07				1.01		.75
	5174	88.4	90.0	1.6	5B19	2.88	.05	.61	1.36	9.0	.27				1.97		.69
	5175	90.0	92.0	2.0	5B19	2.84	.07	.30	.58	7.0	.21				.88		.66
	5176	92.0	94.0	2.0	5B19	2.58	.03	.55	1.41	7.0	.14				1.96		.72
	5177	94.0	97.0	3.0	5B19	2.90	.03	.58	1.49	7.0	.21				2.07		.72
	5178	97.0	99.0	2.0	4A3	3.44	.15	.61	1.07	25.0	.69	2.23	18.60		1.68	20.83	.64
	5179	99.0	101.0	2.0	4A0	3.25	.10	.49	2.38	17.0	.62	3.54	13.30		2.87	16.84	.83
	5180	101.0	103.0	2.0	4A4	3.26	.10	2.99	5.07	52.0	.75	2.81	11.20		8.06	14.01	.63
	5181	103.0	105.0	2.0	4A0	3.14	.10	.49	1.29	15.0	.48	1.68	12.80		1.78	14.48	.72
	5182	105.0	106.8	1.8	4A0	3.03	.11	.75	1.38	20.0	.48				2.13		.65
	90173	136.2	137.8	1.6	100 4L0		.22	.53	.53	3.1					.75		.71
	5183	146.9	148.4	1.5	4C0	3.03	.06	.50	.92	9.0	.41				1.42		.65
	5184	148.4	150.0	1.6	4A0	2.83	.08	.32	.50	6.0	.14				.82		.61
	5185	150.0	152.0	2.0	4A0	2.90	.09	.27	.61	8.0	.21				.88		.69
	5186	152.0	154.5	2.5	4A0	2.91	.07	.71	1.29	15.0	.21				2.00		.65
	5187	154.5	156.1	1.6	4L1	2.93	.07	.10	.21	2.0	.14				.31		.68
	5188	156.1	157.6	1.5	4A0	3.00	.20	.33	.67	9.0	.27				1.00		.67
	90174	159.0	160.7	1.7	88 5A1		.07	.20	.20	3.1					.27		.74
	5189	160.7	163.4	2.7	4AC	2.92	.20	.04	.29	6.0	.27				.33		.88
	5190	163.4	165.4	2.0	4C3	3.26	.17	.04	.27	7.0	.21				.31		.87
	5191	165.4	166.7	1.3	4AC	3.01	.24	.04	.60	9.0	.41				.64		.94
	5192	166.7	167.5	.8	4C0	3.11	.15	.10	.63	7.0	.27	2.98	12.70		.73	15.68	.86
	5193	167.5	168.5	1.0	4CA3	3.61	.22	.78	2.25	21.0	1.10	2.65	21.90		3.03	24.55	.74
	5194	168.5	170.6	2.1	4E14	4.41	.16	3.08	4.65	48.0	1.30	1.30	30.90		7.73	32.20	.60
	5195	171.8	172.8	1.0	4D43	4.01	.10	4.73	8.22	61.0	1.30	1.35	23.10		12.95	24.45	.63
	5196	172.8	174.4	1.6	4A0	3.08	.09	1.40	3.29	33.0	.69	1.13	10.20		4.69	11.33	.70
	5197	174.4	175.2	.8	4E1	3.43	.03	.65	1.23	21.0	.89	2.86	32.10		1.88	34.96	.65
	5198	175.2	175.9	.7	4A0	3.43	.06	3.08	4.94	51.0	.48	1.79	14.20		8.02	15.99	.62

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GRUM DATABASE - QUIZ REPORT

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DDH	SAMPLE	ROCK UNIT	NORMATIVE MINERALS - WEIGHT %							OTHER	*	NORMATIVE MINERALS - VOLUME %						
			CPY	GA	SP	PO	PY	BAR	CPY			GA	SP	PO	PY	BAR	OTHER	
FAGA147	5166	4A0	.09	1.41	5.64	2.52	8.34		82.01	*	.06	.56	4.19	1.63	4.96		88.61	
	5167	4A0	.17	1.33	3.91	2.06	10.62		81.91	*	.12	.53	2.91	1.33	6.33		88.77	
	5168	4L2	.14	.94	3.06	3.52	8.52		83.83	*	.10	.37	2.26	2.26	5.03		89.99	
	5169	4A0	.35	.85	2.16	2.28	13.98		80.38	*	.25	.34	1.62	1.49	8.41		87.89	
	5170	4A0	.26	1.62	5.05	3.35	16.77		72.95	*	.19	.67	3.93	2.27	10.43		82.51	
	5171	5B19	.17	.58	1.19				98.06	*								
	5172	5B19	.43	.74	1.92				96.90	*								
	5173	4L42	.12	.29	1.13				98.46	*								
	5174	5B19	.14	.70	2.03				97.12	*								
	5175	5B19	.20	.35	.86				98.59	*								
	5176	5B19	.09	.64	2.10				97.18	*								
	5177	5B19	.09	.67	2.22				97.02	*								
	5178	4A3	.43	.70	1.60	3.51	40.00		53.76	*	.36	.32	1.38	2.64	27.67		67.63	
	5179	4A0	.29	.57	3.55	5.57	28.6C		61.43	*	.23	.25	2.93	3.99	18.88		73.72	
	5180	4A4	.29	3.45	7.56	4.42	24.09		60.19	*	.23	1.53	6.28	3.19	16.01		72.76	
	5181	4A0	.29	.57	1.92	2.64	27.53		67.05	*	.22	.24	1.55	1.85	17.71		78.43	
	5182	4A0	.32	.87	2.06				96.76	*								
	90173	4L0		.25	.79				98.96	*								
	5183	4C0	.17	.58	1.37				97.88	*								
	5184	4A0	.23	.37	.75				98.65	*								
	5185	4A0	.26	.31	.91				98.52	*								
	5186	4A0	.20	.82	1.92				97.05	*								
	5187	4L1	.20	.12	.31				99.37	*								
	5188	4A0	.58	.38	1.00				98.04	*								
	90174	5A1		.08	.30				99.62	*								
	5189	4AC	.58	.05	.43				98.94	*								
	5190	4C3	.49	.05	.40				99.06	*								
	5191	4A0	.69	.05	.89				98.37	*								
	5192	4C0	.43	.12	.94	4.69	27.31		66.51	*	.33	.05	.76	3.28	17.61		77.97	
	5193	4CA3	.64	.90	3.35	4.17	47.10		43.85	*	.55	.44	3.06	3.31	34.40		58.23	
	5194	4E14	.46	3.56	6.93	2.04	66.45		20.55	*	.47	2.02	7.37	1.89	56.49		31.77	
	5195	4D43	.29	5.46	12.25	2.12	49.68		30.19	*	.27	2.89	12.14	1.83	39.37		43.51	
	5196	4A0	.26	1.62	4.90	1.78	21.94		69.51	*	.20	.68	3.89	1.22	13.90		80.11	
5197	4E1	.09	.75	1.83	4.50	69.03		23.80	*	.09	.42	1.91	4.07	57.48		36.03		
5198	4AD	.17	3.56	7.36	2.82	30.54		55.55	*	.14	1.62	6.29	2.09	20.86		69.00		

DRILL HOLE : FAGA147
NORTHING : 904,848.1
EASTING : 592,416.6
ELEVATION : 1,278.2
TOTAL DEPTH : 184.4
SECTION : W 68
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS CRE-SAMPLES: 35
NOS DOWN-H-SURVEYS: 3
NOS DOWN-H-LITHOLOGY: 56
NOS DOWN-H-STRUCTURE: 41
NOS DOWN-H-FAULTS: 9
NOS DOWN-H-SPLINES: 3
NOS COMPOSITES: 0

21FEB84 GRUM

CRE SAMPLES & ASSAYS (DHC20)

PAGE: 36

DDH: FAGA147 UTM-N: 904,848.1 UTM-E: 592,416.6 UTM-ELEV: 1,278.2 TOTAL DEPTH: 184.4 SECTION: W 68
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

---DEPTHS---				-----ASSAYS-----															
FROM	TO	SAMPLE INT. NC.	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.
159.0	170.6		11.6 1.5	2.90	.16	.66	1.28	14.59	2.60	.49		8	9						
171.8	175.9		4.1 .0	3.43	.07	2.35	4.37	40.56		.84	1	18	19						

21FEB84 GRUM

DOWN-HOLE SURVEYS (DP02C)

PAGE: 37

DDH: FAGA147 UTM-N: 904,848.1 UTM-E: 592,416.6 UTM-ELEV: 1,278.2 TOTAL DEPTH: 184.4 SECTION: W 68
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
107.300	174.800	70.000
151.200	172.000	79.000

DDH: FAGA147 UTM-N: 9C4,848.1 UTM-E: 592,416.6 UTM-ELEV: 1,278.2 TOTAL DEPTH: 184.4 SECTION: h 68
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DMD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	INC
43.0	0001	#		0.5-	1
43.7	0002	4L1		0.5-	1
46.1	0003	4A0		0.5-	1
47.4	0004	5B20	(4L3) 50:50	0.5-	1
48.0	0005	4A0		0.5-	1
49.4	0006	4L2	-> (4L21) (4LC) MINOR	0.5-	1
52.7	0007	4AC		0.5-	1
53.0	0008	4L1	-> (4L12)	0.5-	1
54.2	0009	5D4	[4L3]	0.5-	1
66.9	0010	5B6	[3G0]	0.5-	1
67.8	0011	5D4	[4L0]	0.5-	1
68.7	0012	5B6	[3G0]	0.5-	1
70.1	0013	5D4	[4L0] (5B6) 9C:1C	0.5-	1
71.8	0014	10QC		0.5-	1
72.5	0015	5D4	[4L0]	0.5-	1
74.2	0016	5B6	[3G0]	0.5-	1
77.6	0017	5B6	GOUGE BXA	0.5-	1
78.6	0018	5B1	-> (5B19) SERICITIC	0.5-	1
82.0	0019	5B6	BXA GOUGE	0.5-	1
85.2	0020	5B1	-> (5B19)	0.5-	1
88.4	0021	4L42		0.5-	1
97.0	0022	5B1	-> (5B19) -> (4AC) LOCALLY	0.5-	1
106.8	0023	4A0	(4A4) C.O.I. (4A3) T.O.I.	0.5-	1
107.8	0024	4L0		0.5-	1
117.1	0025	5B6	[3G0]	0.5-	1
118.7	0026	4LC		0.5-	1
123.3	0027	5B6	[3G0]	0.5-	1
123.7	0028	4L0		0.5-	1
134.1	0029	5B6	[3G0]	0.5-	1
137.1	0030	4L0		0.5-	1
141.8	0031	4L1	-> (4L12)	0.5-	1
143.5	0032	5D6	LAMINATED	0.5-	1
144.8	0033	5D6	MOTTLED [5C0]	0.5-	1
145.4	0034	5D6	LAMINATED	0.5-	1
146.2	0035	5D6	MOTTLED [5C0]	0.5-	1
146.9	0036	5D6	LAMINATED	0.5-	1
148.4	0037	4C0	[4L12]	0.5-	1
154.5	0038	4A0		0.5-	1
156.1	0039	4L1	-> (4L12) LOCALLY	0.5-	1
157.6	0040	4A0		0.5-	1
158.9	0041	4LC		0.5-	1
160.7	0042	5A1	-> (5A19) LOCALLY	0.5-	1
163.4	0043	4AC	BXA (4C5) 60:40	0.5-	1
165.4	0044	4C3	(4A0) MINOR	0.5-	1
166.7	0045	4A0		0.5-	1
167.5	0046	4C0		0.5-	1
168.5	0047	4C3	(4A0) (4EC) 7C:20:10	0.5-	1
170.6	0048	4E14		0.5-	1
171.8	0049	5B6	[3G0] (5A6) (4L0) BOTH MINOR	0.5-	1
172.8	0050	4D43	(4E4) (4A0) BOTH MINOR	0.5-	1
174.4	0051	4A0		0.5-	1

21FEB84 GRUM

DOWN-HOLE LITHOLOGY (DH020)

PAGE: 39

DDH: FAGA147 UTM-N: 904,848.1 UTM-E: 592,416.6 UTM-ELEV: 1,278.2 TOTAL DEPTH: 184.4 SECTION: W 68
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
175.2	OC52	4E1		0.5-	1
175.9	0053	4A4	(400) 50:50	0.5-	1
179.5	OC54	5B6	[3G0]	0.5-	1
181.3	OC55	4L3	GOUGE BXA	0.5-	1
184.4	OC56	5B6	[3G0]	0.5-	1

21FEB84 GRUM

DOWN-HOLE STRUCTURE (DHO20)

PAGE: 40

DDH: FAGA147 UTM-N: 904,848.1 UTM-E: 592,416.6 UTM-ELEV: 1,278.2 TOTAL DEPTH: 184.4 SECTION: W 68
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	SC	ANGLE	DIRECT	S1	ANGLE	DIRECT	S2	ANGLE	DIRECT	RFE	CDE	DHDC	SOC	PROCESS
FAGA147	0.C	44.8	CS2			0	0	0	C		64	230	C			1	1	1
FAGA147	0.C	50.3	CS2			C	0	0	C		71	230	C			1	1	1
FAGA147	0.C	56.2	CS2			C	0	0	C		71	230	C			1	1	1
FAGA147	0.C	61.1	CS2			0	0	0	C		60	230	C			1	1	1
FAGA147	43.C	66.5	CS2	Z		C	0	0	C		0	0	0			1	1	1
FAGA147	0.0	66.5	CS2	Z		C	0	0	0		76	230	C			1	1	1
FAGA147	0.C	70.1	PS2	P		0	0	0	C		69	230	C			1	1	1
FAGA147	66.5	70.1	PS2	P		0	0	0	0		0	0	C			1	1	1
FAGA147	0.C	73.8	CS2			0	0	0	C		71	230	C			1	1	1
FAGA147	71.8	74.2	CS2	S		0	0	0	C		0	0	C			1	1	1
FAGA147	0.C	82.0	CS2			0	0	0	C		68	230	C			1	1	1
FAGA147	0.0	85.9	CS2			0	0	0	C		10	230	0			1	1	1
FAGA147	0.C	89.0	CS2			0	0	0	C		41	230	0			1	1	1
FAGA147	0.C	91.9	CS2			0	0	0	C		1	230	0			1	1	1
FAGA147	0.0	95.1	CS2			0	0	0	0		41	230	0			1	1	1
FAGA147	0.C	98.0	CS2			0	0	0	C		70	230	C			1	1	1
FAGA147	0.0	104.0	CS2			0	0	0	C		75	230	C			1	1	1
FAGA147	97.C	106.8	CS2	S		0	0	0	0		0	0	0			1	1	1
FAGA147	0.C	110.3	CS2			0	0	0	C		73	230	C			1	1	1
FAGA147	0.C	116.6	CS2	Z		0	0	0	C		67	230	C			1	1	1
FAGA147	106.8	116.6	CS2	Z		0	0	0	0		0	0	C			1	1	1
FAGA147	0.C	122.0	CS2			C	0	0	C		72	230	C			1	1	1
FAGA147	116.6	124.2	CS2	S		0	0	0	C		0	0	0			1	1	1
FAGA147	0.0	128.7	CS2			0	0	0	0		73	230	C			1	1	1
FAGA147	0.C	134.7	CS2			0	0	0	C		50	230	C			1	1	1
FAGA147	0.0	140.8	CS2			0	0	0	C		67	230	0			1	1	1
FAGA147	124.2	143.5	CS2	Z		0	0	0	C		0	0	C			1	1	1
FAGA147	0.C	146.9	PS2	P		0	0	0	C		75	230	0			1	1	1
FAGA147	143.5	146.9	PS2	P		0	0	0	0		0	0	C			1	1	1
FAGA147	0.C	152.4	CS2	Z		0	0	0	C		58	230	0			1	1	1
FAGA147	146.9	152.4	CS2	Z		0	0	0	C		0	0	C			1	1	1
FAGA147	152.4	156.0	CS2	S		0	0	0	0		0	0	C			1	1	1
FAGA147	0.C	158.0	PS2			0	0	0	C		68	230	C			1	1	1
FAGA147	0.C	163.4	PS2	P		0	0	0	C		55	230	0			1	1	1
FAGA147	0.C	168.0	PS2			0	0	0	C		72	230	0			1	1	1
FAGA147	0.C	174.0	PS2			0	0	0	C		64	230	0			1	1	1
FAGA147	163.4	175.9	PS2	P		0	0	0	0		0	0	C			1	1	1
FAGA147	0.0	178.5	PS2	P		0	0	0	C		71	230	C			1	1	1
FAGA147	175.9	178.5	PS2	P		0	0	0	C		0	0	0			1	1	1
FAGA147	0.C	184.2	CS2			0	0	0	0		78	230	C			1	1	1
FAGA147	178.5	184.4	CS2	Z		0	0	0	C		0	0	C			1	1	1

21FEB84 GRUM

DOWN-HOLE FAULTS (DHO20)

PAGE: 41

DDH: FAGA147 UTM-N: 904,848.1 UTM-E: 592,416.6 UTM-ELEV: 1,278.2 TOTAL DEPTH: 184.4 SECTION: W 68
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT REC CD	PARLL	UPPER PLANE	INTERNAL PLANE	LOWER PLANE	DHD			
FAGA147	70.1	71.8	Q		0	0	C	C	0	0	1
FAGA147	72.5	74.2	1QG		0	0	C	C	0	0	1
FAGA147	74.2	77.6	GX		C	0	C	C	0	0	1
FAGA147	74.2	77.6	PB		C	0	C	C	0	0	1
FAGA147	78.6	82.0	XG		0	0	C	C	0	0	1
FAGA147	157.6	158.9	1XD		C	0	C	C	0	0	1
FAGA147	160.7	163.4	XD?		C	0	C	C	0	0	1
FAGA147	168.5	170.6	D		0	0	C	C	0	0	1
FAGA147	179.5	181.3	GX		0	0	C	C	0	0	1

21FEB84 GRUM

DOWN-HOLE SPLINES (DHO20)

PAGE: 42

DDH: FAGA147 UTM-N: 904,848.1 UTM-E: 592,416.6 UTM-ELEV: 1,278.2 TOTAL DEPTH: 184.4 SECTION: W 68
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH SEGMENT NOS CCND INDICATOR

FAGA147	1	2
FAGA147	2	2
FAGA147	3	1

84/10/16

GRUM DATABASE - QUIZ REPORT

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DDH	SAMPLE	---DEPTHS---		INT M	REC X	ROCK UNIT	S.G.	CU X	PB X	ZN X	AG G/MT	AU G/MT	PO X	PY X	BAO X	PB+ZN X	PO+PY X	ZN RATIO
		FROM	TO															
FAGA147	5166	43.7	46.1	2.4		4A0	2.88	.03	1.22	3.78	32.0	.41	1.60	3.88		5.00	5.48	.76
	5167	47.4	48.0	.6		4A0	2.91	.06	1.15	2.62	20.0	.34	1.31	4.94		3.77	6.25	.69
	5168	48.0	49.4	1.4		4L2	2.91	.05	.81	2.05	15.0	.27	2.24	3.96		2.86	6.20	.72
	5169	49.4	51.0	1.6		4A0	2.95	.12	.74	1.45	12.0	.48	1.45	6.50		2.19	7.95	.66
	5170	51.0	52.7	1.7		4A0	3.00	.09	1.40	3.39	21.0	.41	2.13	7.80		4.79	9.93	.71
	5171	77.6	78.6	1.0		5B19	2.92	.06	.50	.80	8.0	.48				1.30		.62
	5172	82.0	85.2	3.2		5B19	2.92	.15	.64	1.29	15.0	.27				1.93		.67
	5173	85.2	88.4	3.2		4L42	2.85	.04	.25	.76	3.0	.07				1.01		.75
	5174	88.4	90.0	1.6		5B19	2.88	.05	.61	1.36	9.0	.27				1.97		.69
	5175	90.0	92.0	2.0		5B19	2.84	.07	.30	.58	7.0	.21				.88		.66
	5176	92.0	94.0	2.0		5B19	2.58	.03	.55	1.41	7.0	.14				1.96		.72
	5177	94.0	97.0	3.0		5B19	2.90	.03	.58	1.49	7.0	.21				2.07		.72
	5178	97.0	99.0	2.0		4A3	3.44	.15	.61	1.07	25.0	.69	2.23	18.60		1.68	20.83	.64
	5179	99.0	101.0	2.0		4A0	3.25	.10	.49	2.38	17.0	.62	3.54	13.30		2.87	16.84	.83
	5180	101.0	103.0	2.0		4A4	3.26	.10	2.99	5.07	52.0	.75	2.81	11.20		8.06	14.01	.63
	5181	103.0	105.0	2.0		4A0	3.14	.10	.49	1.29	15.0	.48	1.68	12.80		1.78	14.48	.72
	5182	105.0	106.8	1.8		4A0	3.03	.11	.75	1.38	20.0	.48				2.13		.65
	90173	136.2	137.8	1.6	100	4L0			.22	.53	3.1					.75		.71
	5183	146.9	148.4	1.5		4C0	3.03	.06	.50	.92	9.0	.41				1.42		.65
	5184	148.4	150.0	1.6		4A0	2.83	.08	.32	.50	6.0	.14				.82		.61
	5185	150.0	152.0	2.0		4A0	2.90	.09	.27	.61	8.0	.21				.88		.69
	5186	152.0	154.5	2.5		4A0	2.91	.07	.71	1.29	15.0	.21				2.00		.65
	5187	154.5	156.1	1.6		4L1	2.93	.07	.10	.21	2.0	.14				.31		.68
	5188	156.1	157.6	1.5		4A0	3.00	.20	.33	.67	9.0	.27				1.00		.67
	90174	159.0	160.7	1.7	88	5A1			.07	.20	3.1					.27		.74
	5189	160.7	163.4	2.7		4AC	2.92	.20	.04	.29	6.0	.27				.33		.88
	5190	163.4	165.4	2.0		4C3	3.26	.17	.04	.27	7.0	.21				.31		.87
	5191	165.4	166.7	1.3		4AC	3.01	.24	.04	.60	9.0	.41				.64		.94
	5192	166.7	167.5	.8		4C0	3.11	.15	.10	.63	7.0	.27	2.98	12.70		.73	15.68	.86
	5193	167.5	168.5	1.0		4CA3	3.61	.22	.78	2.25	21.0	1.10	2.65	21.90		3.03	24.55	.74
	5194	168.5	170.6	2.1		4E14	4.41	.16	3.08	4.65	48.0	1.30	1.30	30.90		7.73	32.20	.60
	5195	171.8	172.8	1.0		4D43	4.01	.10	4.73	8.22	61.0	1.30	1.35	23.10		12.95	24.45	.63
	5196	172.8	174.4	1.6		4A0	3.08	.09	1.40	3.29	33.0	.69	1.13	10.20		4.69	11.33	.70
	5197	174.4	175.2	.8		4E1	3.43	.03	.65	1.23	21.0	.89	2.86	32.10		1.88	34.96	.65
	5198	175.2	175.9	.7		4AD	3.43	.06	3.08	4.94	51.0	.48	1.79	14.20		8.02	15.99	.62

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GRUM DATABASE - QUIZ REPORT

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DDH	SAMPLE	ROCK UNIT	CPY	NORMATIVE MINERALS - WEIGHT %						OTHER	*	CPY	NORMATIVE MINERALS - VOLUME %					
				GA	SP	PO	PY	BAR	GA				SP	PO	PY	BAR	OTHER	
FAGA147	5166	4A0	.09	1.41	5.64	2.52	8.34		82.01	*	.06	.56	4.19	1.63	4.96		88.61	
	5167	4A0	.17	1.33	3.91	2.06	10.62		81.91	*	.12	.53	2.91	1.33	6.33		88.77	
	5168	4L2	.14	.94	3.06	3.52	8.52		83.83	*	.10	.37	2.26	2.26	5.03		89.99	
	5169	4A0	.35	.85	2.16	2.28	13.98		80.38	*	.25	.34	1.62	1.49	8.41		87.89	
	5170	4AD	.26	1.62	5.05	3.35	16.77		72.95	*	.19	.67	3.93	2.27	10.43		82.51	
	5171	5B19	.17	.58	1.19				98.06	*								
	5172	5B19	.43	.74	1.92				96.90	*								
	5173	4L42	.12	.29	1.13				98.46	*								
	5174	5B19	.14	.70	2.03				97.12	*								
	5175	5B19	.20	.35	.86				98.59	*								
	5176	5B19	.09	.64	2.10				97.18	*								
	5177	5B19	.09	.67	2.22				97.02	*								
	5178	4A3	.43	.70	1.60	3.51	40.00		53.76	*	.36	.32	1.38	2.64	27.67		67.63	
	5179	4A0	.29	.57	3.55	5.57	28.60		61.43	*	.23	.25	2.93	3.99	18.88		73.72	
	5180	4A4	.29	3.45	7.56	4.42	24.09		60.19	*	.23	1.53	6.28	3.19	16.01		72.76	
	5181	4A0	.29	.57	1.92	2.64	27.53		67.05	*	.22	.24	1.55	1.85	17.71		78.43	
	5182	4A0	.32	.87	2.06				96.76	*								
	90173	4L0		.25	.79				98.96	*								
	5183	4C0	.17	.58	1.37				97.88	*								
	5184	4A0	.23	.37	.75				98.65	*								
	5185	4A0	.26	.31	.91				98.52	*								
	5186	4A0	.20	.82	1.92				97.05	*								
	5187	4L1	.20	.12	.31				99.37	*								
	5188	4A0	.58	.38	1.00				98.04	*								
	90174	5A1		.08	.30				95.62	*								
	5189	4AC	.58	.05	.43				98.94	*								
	5190	4C3	.49	.05	.40				99.06	*								
	5191	4A0	.69	.05	.89				98.37	*								
	5192	4C0	.43	.12	.94	4.69	27.31		66.51	*	.33	.05	.76	3.28	17.61		77.97	
	5193	4CA3	.64	.90	3.35	4.17	47.10		43.85	*	.55	.44	3.06	3.31	34.40		58.23	
	5194	4E14	.46	3.56	6.93	2.04	66.45		20.55	*	.47	2.02	7.37	1.89	56.49		31.77	
	5195	4D43	.29	5.46	12.25	2.12	49.68		30.19	*	.27	2.89	12.14	1.83	39.37		43.51	
	5196	4A0	.26	1.62	4.90	1.78	21.94		69.51	*	.20	.68	3.89	1.22	13.90		80.11	
5197	4E1	.09	.75	1.83	4.50	69.03		23.80	*	.09	.42	1.91	4.07	57.48		36.03		
5198	4AD	.17	3.56	7.36	2.82	30.54		55.55	*	.14	1.62	6.29	2.09	20.86		69.00		

CYPRUS ANVIL MINING CORPORATION

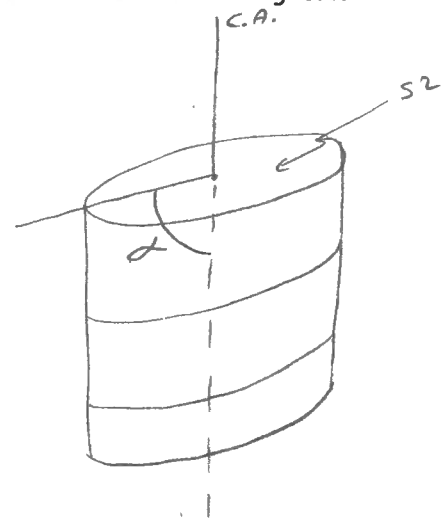
DIAMOND DRILL CORE LOG

Hole Number: 76-A147

Fabric Orientation Diagram:

Project: GRUM

Location: VANGORDA PLATEAU



Claim: _____

1979
H2O Di. Keph. Survey

UTM Terr. Plane
Co-ords.: 6904848.1 N

592416.6 E

Grid Co-ords.: 68W/3N

All symmetry determinations looking

NW with S2 dipping

SW with dip azimuth 230.

Elevation: 1278.15

Total Depth: 184.4 m.

Purpose: _____

Re Logged by: DJH

Date(s) Logged: _____

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

Started: _____ Completed: _____

Lithologic Log

Logged By: DJH.L
S
P
R
T
M

Code	From m	To m	Unit	Code	Description
	10 14 16 20 22 23 25 27				
L	100	1430	11	#	triconed 9/8 - no core
L	1430	1437	12	4L11	minor → NIL sdes
L	1437	1461	13	4A10	15-20% sdes (py > sph > gal)
L	1461	1534	14	5B12	w/ 50% 4L(3?) interbanded
L	1474	1480	15	4A10	as unit 3 (not split)
L	1480	1494	16	4L12	10-20% py; creamy white colour; minor buff 4L0
L	1494	1527	17	4A10	as units 3&5
L	1527	1530	18	4L11	→ 4L21 (v. minor py); creamy white colour.
L	1530	1542	19	4L13	soft, earthy buff brown bleached phy. w/ minor mariposite; talc?; no sdes
L	1542	1669	110	5B16	3G0?
L	1669	1678	111	4L10	buff brown "bleached" phy. w/o sdes; minor chl. mottling as in 5D.
L	1678	1687	112	5B16	3G0?
L	1687	1701	113	4L10	as unit 11 w/ minor mariposite streaks locally @ 69.1; 10% 5B6 interbanded
L	1701	1718	114	01Q10	
L	1718	1725	115	4L10	as unit 11
L	1725	1742	116	5B16	3G0?; minor gouge & oqo
L	1742	1776	117	5B16	? + minor sde. bearing quartz; gouge, bxia, & broken & lost core (ie: fault zone)
L	1776	1786	118	5B11	→ 5B19 v. minor sdes (< 10% py); more sericitic than carbonaceous but no W.M. dev.;
L	1786	1820	119	5B16	? bxia & gouge (ie: fault zone); minor 4L and 4C
L	1820	1852	210	5B11	as unit 18; → 5B19
L	1852	1884	211	4L12	→ 4L24 locally w/ reddish sph; steep SR; ~2% Zn; minor py
L	1884	1970	212	5B11	5-10% tot sdes (py > sph > gal.) as units 18&20; 18&20; 4A0; 4A0;
L	1970	11068	213	4A0	trace reddish sph; not split; → 5B19; 4A0.
L	11068	11078	214	4L10	15-25% tot sdes.
L	11078	11171	215	5B16	no sdes; creamy white.
L	11171	11187	216	4L10	3G0?
L	11187	11233	217	5B16	no sdes
L	11233	11237	218	4L10	3G0?
L	11237	11237	218	4L10	no sdes.

Code	From _m		To _m		Feature	S ₁ Dip Direct.	S ₂ Dip Direct.		Description
	10	14	16	20			32	34	
S									7B 0-43.0
S				43.0	FRZ				Z sym 43.0-66.5
S				44.8	C/S12			64 2310	
S				50.3	C/S12			71 2310	
S				56.2	C/S12			71 2310	
S				61.1	C/S12			610 2310	
S				66.5	FRZ			76 2310	PS2 66.5-70.1 ✓
S				70.1	FRP			69 2310	OQO 70.1-71.8
S				71.8	FRS				S sym 71.8-74.2
S				73.8	C/S12			71 2310	
S				74.2	FRS				Gouge & Bxia zone 74.2-82.0 (no S2 or sym)
S				82.0	C/S12			68 2310	D4 region w/ highly contorted
S				85.9	C/S12			10 2310	S2 (no D2 sym possible)
S				89.0	C/S12			41 2310	82.0-97.0
S				91.9	C/S12			010 2310	
S				95.1	C/S12			41 2310	
S				97.0	FRS				S sym. 97.0-106.8 m.
S				98.0	C/S12			710 2310	
S				101.9	C/S12			75 2310	
S				106.8	FRZ				Z sym 106.8-116.6 m ✓
S				110.3	C/S12			73 2310	(no E observed @ 106.8)
S				116.6	FRZ			67 2310	S sym +06 116.6-124.2
S				122.0	C/S12			72 2310	
S				124.2	FRZ				Z sym 124.2-143.5
S				128.7	C/S12			73 2310	
S				134.7	C/S12			510 2310	
S				140.8	C/S12			67 2310	
S				143.5	FRZ				R region 143.5-146.9 ✓
S				146.9	FRR			75 2310	Z sym 146.9-152.4 ✓
S				152.4	FRZ			58 2310	S sym. 152.4-156.0
S				156.0	FRS				Mixed zone of R, D & bxia
S				158.0	PS2			68 2310	156.0-163.4
S				163.4	FRR			55 2310	R region (sdes) 163.4-175.9
S				168.0	PS2			72 2310	(minor true PS2 in phy bands)
S				174.0	PS2			64 2310	

Geochemical Log (Sampler's Copy)

Code	From		To		Sample No.		Description		
	10	14	16	20	22	27	Length	Rec	Unit
P	1437		1461		151166		2.4		4A0
P	1474		1480		151167		0.6		4A0
P	1480		1494		151168		1.4		4L2
P	1494		1510		151169		1.6		4A0
P	1510		1527		151170		1.7		4A0
P	1776		1786		151171		1.0		4A0 5B19
P	1820		1852		151172		3.2		4A0 5B19
P	1852		1884		151173		3.2		4L42
P	1884		1900		151174		1.6		4A0 5B19
P	1900		1920		151175		2.0		4A0 5B19
P	1920		1940		151176		2.0		4A0 5B19
P	1940		1970		151177		3.0		4A0 5B19
P	1970		1990		151178		2.0		4A0
P	1990		1010		151179		2.0		4A0
P	11010		11030		151180		2.0		4A04
P	11030		11050		151181		2.0		4A0
P	11050		11068		151182		1.8		4A0
P	11469		11484		151183		1.5		4C0
P	11484		11500		151184		1.6		4A0
P	11500		11520		151185		2.0		4A0
P	11520		11545		151186		2.5		4A0
P	11545		11561		151187		1.6		4L1
P	11561		11576		151188		1.5		4A0
P	116107		11634		151189		2.7		4A0 4AC
P	11634		11654		151190		2.0		4C0
P	11654		11667		151191		1.3		4A0
P	11667		11675		151192		0.8		4C0
P	11675		11685		151193		1.0		4CA
P	11685		11706		151194		2.1		4E14
P	11718		11728		151195		1.0		4D04
P	11728		11744		151196		1.6		4A0

Metres.

FAULT

DDH F.A.G.A.L.4.7
2 8

Cyprus Anvil Mining Corp.

Page _____ of _____

Structural Log

Date: _____ Logged By: _____

Code	From			To			Feature	SYM	S ₀		S ₁		S ₂		Description
	10	14	16	20	24	26			Dip	Direct.	Dip	Direct.	Dip	Direct.	
F	1725	1742		1719			IG								minow gauge & 10&O
F	1701	1718					Q								gte vein
F	1742	1776					GIX								gauge & bxa
F	1742	1776					PB								brken & lost core
F	1786	1820					XIG								gauge & bxa
F	11576	11589					XID								minow bxa
F	11610	11634					XID?								bxa
F	11685	11710					D								20% SiO ₂ blebs in 4E
F	11719	11813					GIX								gauge & bxa zone

LOGGED BY JIM PAXTON

D.D.H. No A-137

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Interval		DESCRIPTION	Recovery	Sample No	Interval		Sample Length	Assay					Assay x				
From	To				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag		
160.7	161.0	BRECCIA (PX) (M)	30 5														
		Angular fragments 1-3cm of quartz sulphide in sulphide groundmass.															
161.0	168.2	QUARTZ SULPHIDE (P)	30 5	4931	160.7	161.8	1.1	0.03	0.30	5.14			0.33	PbZn			
		Irregular mixture of quartz, sulphide, and phyllite. Traces of F ₁ locally. F ₂ planes locally at 80°	30 5	2	161.8	163.4	1.6	0.05	0.25	2.06			0.30				
			30 5	3	163.4	164.9	1.5	0.08	0.18	5.14			0.26				
			30 5	4	164.9	166.4	1.5	0.05	0.70	7.20			0.75				
			30 5	4935	166.4	168.2	1.8	0.15	0.68	7.20			0.83				
168.2	170.7	MASSIVE SULPHIDE (M)	50 5	4936	168.2	169.8	1.6	3.25	5.00	44.23			5.20	8.00	70.77		
		Scattered, indistinct 1-3cm inclusions of P.	80 5	4937	169.8	170.0	0.9	1.95	2.40	34.29			1.76	2.16	30.86		
		Second contact sharp at 80°			170.7	171.8	1.1										
			60 10	4939	171.8	172.8	1.0	4.05	7.39	49.03			4.05	7.39	49.03		
170.7	171.8	QUARTZ SERICITE PHYLLITE (S)	20 2	4940	172.8	174.3	1.5	0.90	1.65	18.17			1.35	2.48	27.26		
		Strong F ₂ at 60°	40 5	4938	174.3	175.9	1.6	1.43	2.73	32.23			2.29	4.37	51.57		
171.8	172.8	MASSIVE SULPHIDE (M)															
		Fine grained pyrite and sphalerite with indistinct streaks and inclusions of siliceous material.		Wt. Av.	159.0	168.2	9.2	0.47	PbZn				4.31	PbZn			
					168.2	170.7	2.5	2.78	4.06	40.65			6.96	10.16	101.63		
				" "	171.8	175.9	4.1	1.88	3.47	31.2			7.69	14.24	127.86		

DDH: FAGA147 -- 42 DEGREE PROFILE

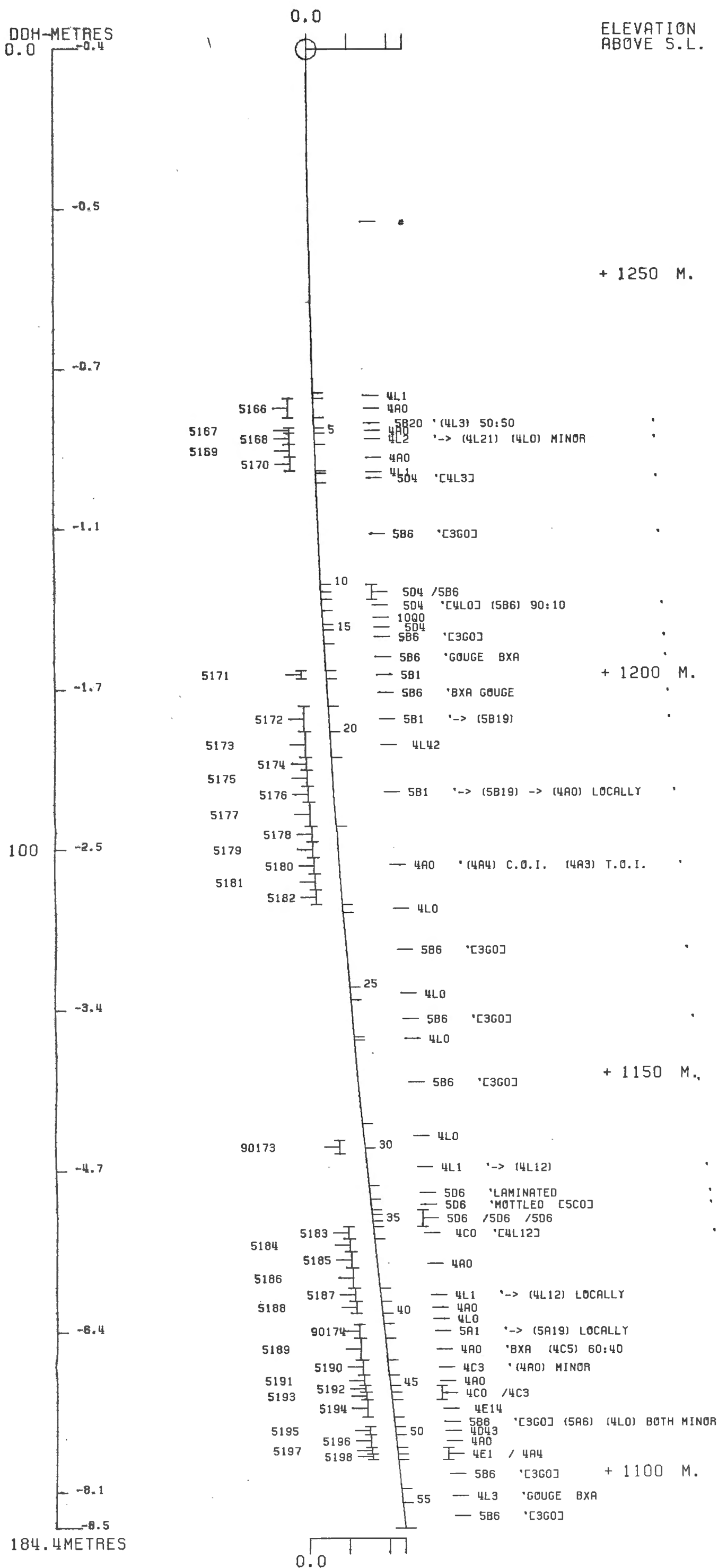
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1278 592417E ; 904848N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 467.4 Z = 1278.1

SECTION NAME: 68W



DDH: FAGA147 -- 42 DEGREE PROFILE

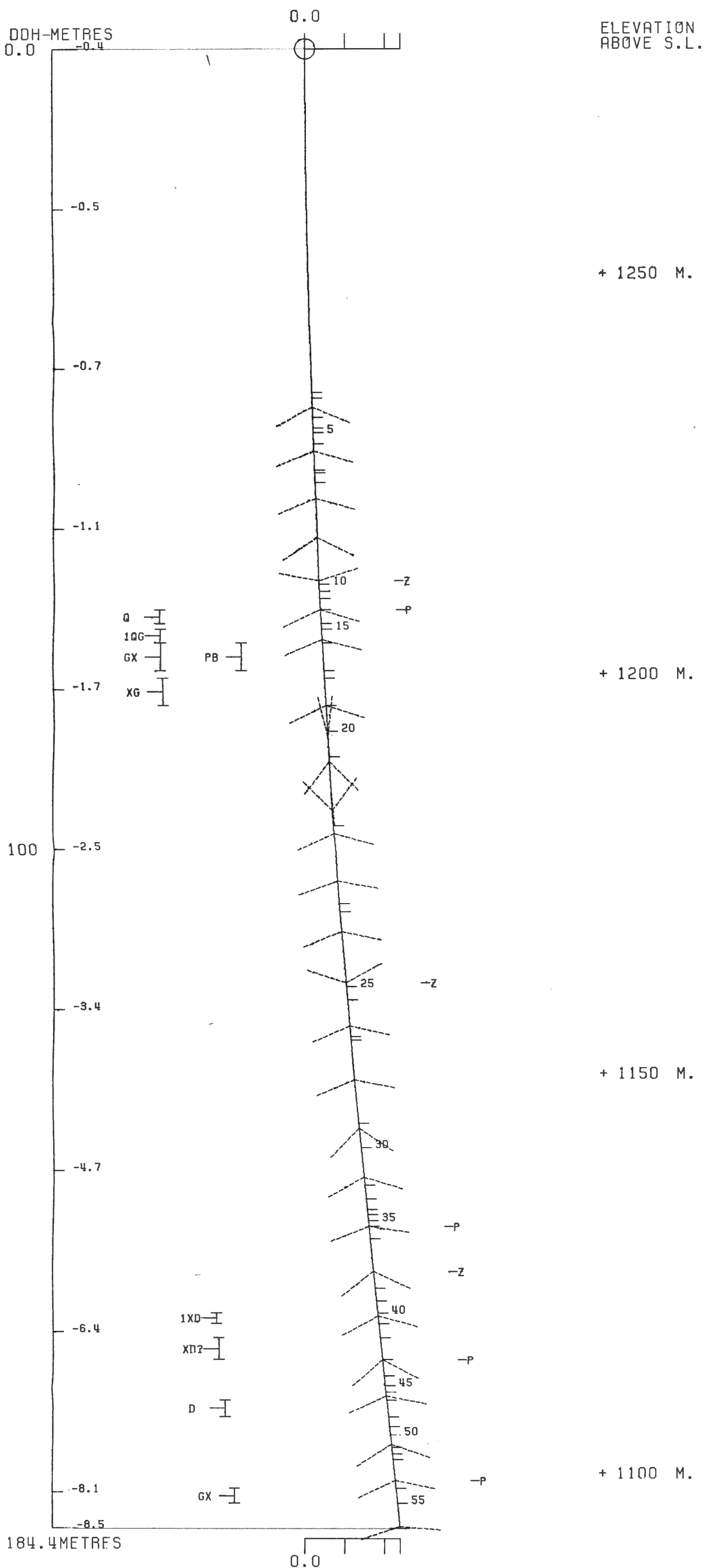
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1278 592417E ; 904848N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 467.4 Z = 1278.1

SECTION NAME: 68W



76 A 153

84/10/16

GRUM DATABASE - QUIZ REPORT

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DDH	SAMPLE	---DEPTHS---		INT	REC	ROCK	S.G.	CU	PB	ZN	AG	AU	PO	PY	BAO	PB+ZN	PO+PY	ZN
		FROM	TO	M	%	UNIT		%	%	%	G/MT	G/MT	%	%	%	%	%	RATIO
FAGA153	90161	58.3	60.0	1.7	100	4A0			1.18	1.40	15.1					2.58		.54
	1579	61.7	63.7	2.0	100	4A0	2.90	.08	.43	.40	7.0	.89				.83		.48
	1580	63.7	65.7	2.0	100	4A0	2.98	.07	1.19	1.89	23.0	1.65				3.08		.61
	1581	65.7	68.1	2.4	96	4A0	2.92	.09	.40	.27	7.0	1.51				.67		.40
	1582	157.6	158.7	1.1	82	4A0	2.99	.14	.97	1.47	13.0	1.51	3.85	6.70		2.44	10.55	.60
	1583	158.7	160.3	1.6	100	4A43	3.39	.14	2.04	4.65	41.0	1.37	1.58	16.40		6.69	17.98	.70
	1584	160.3	162.1	1.8	78	4A43	3.63	.03	3.23	8.14	59.0	.48	1.89	18.20		11.37	20.09	.72
	1585	162.1	162.9	.8	100	5B6	2.81	.01	.56	.83	9.0	.69	2.78	1.23		1.39	4.01	.60
	1586	175.2	176.1	.9	89	4E64	4.43	.15	2.99	2.90	45.0	2.06	2.63	30.40		5.89	33.03	.49
	1587	176.1	177.9	1.8	100	4G4	4.75	.17	9.45	8.74	106.0	.34	2.60	21.70		18.19	24.30	.48
	1588	177.9	179.6	1.7	94	4G4	4.33	.06	5.04	7.43	75.0	.55	1.38	18.00		12.47	19.38	.60
	1589	180.6	182.0	1.4	100	4E4	4.45	.20	6.27	5.22	75.0	.21	4.45	29.90		11.49	34.35	.45
	1590	182.0	183.5	1.5	93	4E0	4.34	.20	1.14	.97	14.0	1.10	4.47	31.80		2.11	36.27	.46
	1591	183.5	185.0	1.5	100	4XC	4.38	.26	1.99	1.81	27.0	1.23	5.20	31.20		3.80	36.40	.48
	1592	185.0	186.5	1.5	93	4E84	4.33	.11	1.17	4.60	128.0	1.58	8.41	19.70		5.77	28.11	.80
	1593	186.5	188.0	1.5	87	4G4	4.30	.06	4.12	7.30	66.0	.62	3.42	9.80		11.42	13.22	.64
	1594	188.0	188.8	.8	100	4G4	3.04	.05	3.30	6.80	48.0	.69	1.69	8.00		10.10	9.69	.67
	1595	188.8	190.3	1.5	100	4C3	3.61	.21	.50	.77	14.0	.89	4.05	21.90		1.27	25.95	.61
	1596	190.3	191.8	1.5	93	4C3	3.46	.22	.77	1.07	12.0	.62	10.59	14.30		1.84	24.89	.58
	1597	191.8	192.5	.7	100	4C3	3.74	.35	1.16	1.82	19.0	1.23	7.72	20.10		2.98	27.82	.61
	1598	192.5	194.0	1.5	80	4C3	3.62	.30	2.00	.07	39.0	.69	4.10	21.80		2.07	25.90	.03
	1599	194.0	197.0	3.0	90	4C3	3.45	.23	.58	.71	8.0	.75	8.68	14.40		1.29	23.08	.55
	1600	197.0	199.9	2.9	86	4C3	3.71	.33	1.23	1.89	20.0	1.92	5.73	21.80		3.12	27.53	.61
	1601	199.9	200.6	.7	43	4C3	3.32	.27	1.74	2.70	23.0	.69	3.96	12.50		4.44	16.46	.61
	1602	200.6	201.8	1.2	83	403	3.34	.21	2.89	2.70	47.0	1.30	2.88	13.10		5.59	15.98	.48
	1603	201.8	203.0	1.2	25	4C3	3.38	.08	.77	2.59	16.0	.34	8.77	13.50		3.36	22.27	.77
	1604	203.0	206.0	3.0	100	4C7	3.49	.35	.96	1.15	19.0	.14	16.17	8.90		2.11	25.07	.55
	1605	206.0	207.5	1.5	67	4C0	3.17	.27	.53	.58	9.0	.14	7.20	10.20		1.11	17.40	.52
	1606	207.5	209.0	1.5	60	4C0	3.05	.11	1.87	1.22	30.0	.14	3.09	5.10		3.09	8.19	.39
	1607	209.0	209.6	.6	50	403	3.68	.09	2.89	3.50	39.0	.21	6.19	18.30		6.39	24.49	.55
	1608	209.6	210.9	1.3	100	4C3	3.24	.41	.78	.98	20.0	.48	4.62	13.40		1.76	18.02	.56
	1609	210.9	212.4	1.5	100	4C0	3.21	.18	1.58	1.07	23.0	.27	3.38	11.40		2.65	14.78	.40
	1610	212.4	214.0	1.6	87	4C7	3.13	.22	.46	.44	9.0	.07	6.07	7.60		.90	13.67	.49

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GRUM DATABASE - QUIZ REPORT

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DDH	SAMPLE	ROCK UNIT	NORMATIVE MINERALS - WEIGHT %						OTHER	*	NORMATIVE MINERALS - VOLUME %						OTHER	
			CPY	GA	SP	PO	PY	BAR			CPY	GA	SP	PO	PY	BAR		
FAGA153	9C161	4A0		1.36	2.09				96.55	*								
	1579	4A0	.23	.50	.60				98.68	*								
	1580	4A0	.20	1.37	2.82				95.61	*								
	1581	4A0	.26	.46	.40				98.88	*								
	1582	4A0	.40	1.12	2.19	6.05	14.41		75.82	*	.30	.46	1.68	4.04	8.85			84.67
	1583	4A43	.40	2.36	6.93	2.48	35.27		52.55	*	.33	1.09	6.01	1.87	24.45			66.25
	1584	4A43	.09	3.73	12.14	2.97	39.14		41.94	*	.08	1.82	11.12	2.37	28.70			55.91
	1585	5B6	.03	.65	1.24	4.37	2.65		91.07	*	.02	.25	.88	2.72	1.51			94.62
	1586	4E64	.43	3.45	4.32	4.14	65.38		22.28	*	.44	1.94	4.56	3.79	55.12			34.15
	1587	4G4	.49	10.91	13.03	4.09	46.67		24.81	*	.49	6.04	13.53	3.69	38.77			37.48
	1588	4G4	.17	5.82	11.08	2.17	38.71		42.05	*	.15	2.86	10.22	1.74	28.58			56.44
	1589	4E4	.58	7.24	7.78	7.00	64.30		13.10	*	.62	4.35	8.77	6.86	57.94			21.46
	1590	4E0	.58	1.32	1.45	7.03	68.39		21.24	*	.58	.74	1.53	6.47	57.94			32.73
	1591	4K0	.75	2.30	2.70	8.18	67.10		18.98	*	.77	1.32	2.90	7.64	57.70			29.67
	1592	4E84	.32	1.35	6.86	13.23	42.36		35.88	*	.29	.68	6.50	10.91	32.14			49.49
	1593	4G4	.17	4.76	10.88	5.38	21.07		57.73	*	.14	2.13	9.14	3.93	14.16			70.51
	1594	4G4	.14	3.81	10.14	2.66	17.20		66.05	*	.11	1.63	8.15	1.86	11.06			77.19
	1595	4C3	.61	.58	1.15	6.37	47.10		44.20	*	.53	.28	1.05	5.06	34.39			58.69
	1596	4C3	.64	.89	1.60	16.65	30.75		49.47	*	.53	.42	1.40	12.74	21.63			63.28
	1597	4C3	1.01	1.34	2.71	12.14	43.23		39.57	*	.90	.67	2.53	9.86	32.29			53.75
	1598	4C3	.87	2.31	.10	6.45	46.88		43.39	*	.76	1.14	.10	5.17	34.60			58.23
	1599	4C3	.66	.67	1.06	13.65	30.97		52.99	*	.55	.31	.91	10.25	21.40			66.58
	1600	4C3	.95	1.42	2.82	9.01	46.88		38.92	*	.85	.71	2.65	7.36	35.24			53.19
	1601	4C3	.78	2.01	4.03	6.23	26.88		60.08	*	.62	.89	3.35	4.51	17.90			72.73
	1602	4C3	.61	3.34	4.03	4.53	28.17		59.33	*	.49	1.49	3.38	3.31	18.91			72.42
	1603	4C3	.23	.89	3.86	13.79	29.03		52.19	*	.19	.41	3.34	10.37	20.07			65.62
	1604	4C7	1.01	1.11	1.71	25.43	19.14		51.60	*	.83	.51	1.48	19.11	13.23			64.84
	1605	4C0	.78	.61	.86	11.32	21.94		64.48	*	.60	.27	.70	8.00	14.25			76.18
	1606	4C0	.32	2.16	1.82	4.86	10.97		79.88	*	.23	.87	1.37	3.19	6.62			87.71
	1607	4C3	.26	3.34	5.22	9.74	39.35		42.10	*	.23	1.64	4.81	7.81	29.04			56.47
	1608	4C3	1.18	.90	1.46	7.27	28.82		60.37	*	.94	.40	1.21	5.25	19.17			73.02
	1609	4C0	.52	1.82	1.60	5.32	24.52		66.23	*	.40	.79	1.29	3.74	15.86			77.92
	1610	4C7	.64	.53	.66	9.55	16.34		72.29	*	.47	.22	.51	6.48	10.21			82.10

DRILL HOLE : FAGA153
NORTHING : 904,890.9
EASTING : 592,454.8
ELEVATION : 1,286.6
TOTAL DEPTH : 218.5
SECTION : W 68
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
CHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS CORE-SAMPLES: 33
NOS DOWN-H-SURVEYS: 3
NOS DOWN-H-LITHOLOGY: 40
NOS DOWN-H-STRUCTURE: 35
NOS DOWN-H-FAULTS: 3
NOS DOWN-H-SPLINES: 3
NOS COMPOSITES: 0

DDH: FAGA153 UTM-N: 9C4,89C.9 UTM-E: 592,454.8 UTM-ELEV: 1,286.6 TOTAL DEPTH: 218.5 SECTION: W 68
 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													
FROM	TO						CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AL(FA) G/MT	PO %	PY %	TCT FE	BAO %	HG %	MN %	AS %	BA %
58.3	60.0	9C161	1.7	1.7	4A0			1.18	1.40		15.10									
61.7	63.7	01579	2.0	2.0	4A0	2.90	.08	.43	.40	7.00		.89								
63.7	65.7	01580	2.0	2.0	4A0	2.98	.07	1.19	1.69	23.00		1.65								
65.7	68.1	01581	2.4	2.3	4A0	2.92	.09	.40	.27	7.00		1.51								
157.6	158.7	01582	1.1	.9	4A0	2.99	.14	.97	1.47	13.00		1.51	3	6	10					
158.7	160.3	01583	1.6	1.6	4A43	3.39	.14	2.04	4.65	41.00		1.37	1	16	17					
160.3	162.1	01584	1.8	1.4	4A43	3.63	.03	3.23	8.14	59.00		.48	1	18	20					
162.1	162.9	01585	.8	.8	5B6	2.81	.01	.56	.83	9.00		.69	2	1	4					
175.2	176.1	01586	.9	.8	4E64	4.43	.15	2.99	2.90	45.00	47.00	2.06	2	30	33					
176.1	177.9	01587	1.8	1.8	4G4	4.75	.17	9.45	8.74	106.00		.34	2	21	24					
177.9	179.6	01588	1.7	1.6	4G4	4.33	.06	5.04	7.43	75.00		.55	1	18	19					
180.6	182.0	01589	1.4	1.4	4E4	4.45	.20	6.27	5.22	75.00		.21	4	29	34					
182.0	183.5	01590	1.5	1.4	4E0	4.34	.20	1.14	.97	14.00		1.10	4	31	36					
183.5	185.0	01591	1.5	1.5	4K0	4.38	.26	1.99	1.81	27.00		1.23	5	31	36					
185.0	186.5	01592	1.5	1.4	4E84	4.33	.11	1.17	4.60	128.00		1.58	8	19	28					
186.5	188.0	01593	1.5	1.3	4G4	4.30	.06	4.12	7.30	66.00		.62	3	9	13					
188.0	188.8	01594	.8	.8	4G4	3.04	.05	3.30	6.80	48.00		.69	1	8	9					
188.8	190.3	01595	1.5	1.5	4C3	3.61	.21	.50	.77	14.00		.89	4	21	25					
190.3	191.8	01596	1.5	1.4	4C3	3.46	.22	.77	1.07	12.00		.62	10	14	24					
191.8	192.5	01597	.7	.7	4C3	3.74	.35	1.16	1.82	19.00	23.00	1.23	7	20	27					
192.5	194.0	01598	1.5	1.2	4C3	3.62	.30	2.00	.07	39.00		.69	4	21	25					
194.0	197.0	01599	3.0	2.7	4C3	3.45	.23	.58	.71	8.00		.75	8	14	23					
197.0	199.9	01600	2.9	2.5	4C3	3.71	.33	1.23	1.89	20.00		1.92	5	21	27					
199.9	200.6	01601	.7	.3	4C3	3.32	.27	1.74	2.70	23.00		.69	3	12	16					
200.6	201.8	01602	1.2	1.0	4C3	3.34	.21	2.89	2.70	47.00		1.30	2	13	15					
201.8	203.0	01603	1.2	.3	4C3	3.38	.08	.77	2.59	16.00		.34	8	13	22					
203.0	206.0	01604	3.0	3.0	4C7	3.49	.35	.96	1.15	19.00		.14	16	8	25					
206.0	207.5	01605	1.5	1.0	4C0	3.17	.27	.53	.58	9.00		.14	7	10	17					
207.5	209.0	01606	1.5	.9	4C0	3.05	.11	1.87	1.22	30.00		.14	3	5	8					
209.0	209.6	01607	.6	.3	4D3	3.68	.09	2.89	3.50	39.00	42.00	.21	6	18	24					
209.6	210.9	01608	1.3	1.3	4C3	3.24	.41	.78	.98	20.00		.48	4	13	18					
210.9	212.4	01609	1.5	1.5	4C0	3.21	.18	1.58	1.07	23.00		.27	3	11	14					
212.4	214.0	01610	1.6	1.4	4C7	3.13	.22	.46	.44	9.00		.07	6	7	13					

WEIGHTED AVERAGE

58.3	60.0	1.7	1.7					1.18	1.40		15.10								
61.7	68.1	6.4	6.3			2.93	.08	.65	.81	12.00		1.36							
157.6	162.9	5.3	4.7			3.30	.08	1.99	4.59	36.47		.99	2	12	15				
175.2	179.6	4.4	4.2			4.52	.12	6.42	7.03	81.54	9.61	.77	2	22	24				
180.6	214.0	33.4	26.8			3.61	.22	1.58	1.99	29.76	1.23	.72	6	16	22				

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DOWN-HOLE SURVEYS (DH020)

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DDH: FAGA153 UTM-N: 904,890.9 UTM-E: 592,454.8 UTM-ELEV: 1,286.6 TOTAL DEPTH: 218.5 SECTION: W 68
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	180.000	80.000
82.300	168.000	82.000
164.600	177.000	32.000

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DOWN-HOLE LITHOLOGY (DH020)

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DDH: FAGA153 UTM-N: 904,890.9 UTM-E: 592,454.8 UTM-ELEV: 1,286.6 TOTAL DEPTH: 218.5 SECTION: W 68
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
40.8	OCC1	#		0.5-	1
46.3	OC02	5B6	[3G0]	0.5-	1
55.6	OC03	4LC	83	0.5-	1
58.3	OC04	4L3	GCUGE	0.5-	1
60.0	OC05	4A0	[5B19]	0.5-	1
61.7	OC06	5D4	[4L1]	0.5-	1
68.1	OC07	4A0	[5B19]	0.5-	1
69.7	OC08	5D4	[4L1]	0.5-	1
80.5	OC09	5B6	[3G0]	0.5-	1
81.4	OC10	4L1	[5D4]	0.5-	1
115.5	OC11	5B6	[3G0]	0.5-	1
116.5	OC12	5D4	[4L0]	0.5-	1
122.2	OC13	5B6	[3G0]	0.5-	1
129.6	OC14	5C4	[4L1 -> 4L16]	0.5-	1
130.6	OC15	5B0	BIO	0.5-	1
132.4	OC16	5C4	[4L1] (5B0 BIC) MINOR	0.5-	1
141.0	OC17	5B6	[3G0]	0.5-	1
144.3	OC18	5B6	BIO SCHISTOSE (4LC 83) MINOR	0.5-	1
157.6	OC19	5B6	[3G0]	0.5-	1
162.1	OC20	4A4	(4A0) T.O.I.	0.5-	1
163.6	OC21	5B6	[3G0]	0.5-	1
169.0	OC22	5B6	& GAR	0.5-	1
173.8	OC23	5B6		0.5-	1
175.0	OC24	4L0	[5D4]?	0.5-	1
176.1	OC25	4E64		0.5-	1
179.7	OC26	4G4		0.5-	1
180.0	OC27	4L3		0.5-	1
180.8	OC28	5B6		0.5-	1
181.3	OC29	4E4		0.5-	1
182.0	OC30	4E64		0.5-	1
183.7	OC31	4E0		0.5-	1
185.2	OC32	4K0	BXA	0.5-	1
186.3	OC33	4E84	(4G) MINOR	0.5-	1
188.7	OC34	4G4		0.5-	1
203.6	OC35	4C3	8 MINOR (4D3) MINOR C.O.I.	0.5-	1
206.1	OC36	4C7	-> (4C79)	0.5-	1
212.5	OC37	4C0	83 (4L)MINOR(4D3)MINOR C.O.I.	0.5-	1
214.0	OC38	4C7		0.5-	1
215.7	OC39	5D4	[4L6]	0.5-	1
218.5	OC40	4L2	-> (4L27)	0.5-	1

DDH: FAGA153 UTM-N: 9C4,89C.9 UTM-E: 592,454.8 UTM-ELEV: 1,286.6 TOTAL DEPTH: 218.5 SECTION: W 68
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	SO	ANGLE	DIRECT	S1	ANGLE	DIRECT	S2	ANGLE	DIRECT	RFE	CDE	DHOC	SDC	PROCESS
FAGA153	0.0	43.5	CS2				C	0		C	70		230	C		1	1	1
FAGA153	0.0	51.2	CS2				C	0		C	68		230	C		1	1	1
FAGA153	40.8	52.6	CS2	Z			0	0		0	0		0	C		1	1	1
FAGA153	0.0	53.9	CS2				C	0		C	72		230	C		1	1	1
FAGA153	52.6	55.0	CS2	S			0	0		0	0		0	C		1	1	1
FAGA153	0.0	74.7	CS2				0	0		C	72		230	C		1	1	1
FAGA153	0.0	80.6	CS2				C	0		C	65		230	C		1	1	1
FAGA153	0.0	86.3	CS2	S			0	0		C	56		230	C		1	1	1
FAGA153	74.7	86.3	CS2	S			0	0		0	0		0	C		1	1	1
FAGA153	0.0	93.8	CS2				0	0		C	70		230	C		1	1	1
FAGA153	0.0	99.8	CS2				0	0		C	55		230	C		1	1	1
FAGA153	0.0	106.7	CS2				C	0		C	68		230	C		1	1	1
FAGA153	0.0	111.8	CS2				0	0		C	60		230	C		1	1	1
FAGA153	0.0	118.1	CS2				0	0		C	68		230	C		1	1	1
FAGA153	0.0	123.8	CS2				0	0		0	0		0	C		1	1	1
FAGA153	0.0	130.1	CS2				C	0		C	77		230	0		1	1	1
FAGA153	0.0	135.9	CS2				C	0		C	70		230	C		1	1	1
FAGA153	0.0	142.1	CS2				0	0		0	0		0	C		1	1	1
FAGA153	0.0	148.4	CS2				0	0		0	0		0	C		1	1	1
FAGA153	0.0	154.2	CS2				C	0		C	76		230	C		1	1	1
FAGA153	86.3	157.5	CS2	Z			0	0		0	0		0	C		1	1	1
FAGA153	0.0	160.3	PS2				0	0		C	80		230	C		1	1	1
FAGA153	0.0	166.4	PS2				C	0		C	81		230	C		1	1	1
FAGA153	0.0	172.8	PS2				0	0		0	0		0	C		1	1	1
FAGA153	157.5	175.2	PS2	P			0	0		0	0		0	C		1	1	1
FAGA153	0.0	177.5	PS2				0	0		0	0		0	C		1	1	1
FAGA153	0.0	183.5	PS2				0	0		0	0		0	C		1	1	1
FAGA153	0.0	189.3	PS2				0	0		0	0		0	C		1	1	1
FAGA153	0.0	194.3	PS2				0	0		0	0		0	C		1	1	1
FAGA153	0.0	200.8	PS2				C	0		0	0		0	C		1	1	1
FAGA153	0.0	207.0	PS2				0	0		0	0		0	C		1	1	1
FAGA153	0.0	212.4	PS2	P			0	0		0	0		0	C		1	1	1
FAGA153	173.2	212.4	PS2	P			0	0		0	0		0	C		1	1	1
FAGA153	0.0	217.2	CS2				0	0		0	0		0	C		1	1	1
FAGA153	212.4	218.5	CS2	M			0	0		0	0		0	C		1	1	1

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DOWN-HOLE FAULTS (DHC20)

PAGE: 32

DDH: FAGA153 UTM-N: 904,890.9 UTM-E: 592,454.8 UTM-ELEV: 1,286.6 TOTAL DEPTH: 218.5 SECTION: W 68
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT REC CD	PARLL	UPPER PLANE	INTERNAL PLANE	LOWER PLANE	DHD
FAGA153	55.6	58.3	G		0	0	0	1
FAGA153	183.7	185.2	XD?		0	0	0	1
FAGA153	185.2	186.3	1XD		0	0	0	1

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DOWN-HOLE SPLINES (DHQ20)

PAGE: 33

DDH: FAGA153 UTM-N: 904,890.9 UTM-E: 592,454.8 UTM-ELEV: 1,286.6 TOTAL DEPTH: 218.5 SECTION: W 68
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

CDH SEGMENT NOS COND INDICATOR

FAGA153	1	2
FAGA153	2	2
FAGA153	3	1

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DDH	SAMPLE	ROCK UNIT	CPY	NORMATIVE MINERALS - WEIGHT X					OTHER	*	CPY	NORMATIVE MINERALS - VOLUME X					OTHER	
				GA	SP	PO	PY	BAR				GA	SP	PO	PY	BAR		
FAGA153	9C161	4A0		1.36	2.09				96.55	*								
	1579	4A0	.23	.50	.60				98.68	*								
	1580	4A0	.20	1.37	2.82				95.61	*								
	1581	4A0	.26	.46	.40				98.88	*								
	1582	4A0	.40	1.12	2.19	6.05	14.41		75.82	*	.30	.46	1.68	4.04	8.85			84.67
	1583	4A43	.40	2.36	6.93	2.48	35.27		52.55	*	.33	1.09	6.01	1.87	24.45			66.25
	1584	4A43	.09	3.73	12.14	2.97	39.14		41.94	*	.08	1.82	11.12	2.37	28.70			55.91
	1585	586	.03	.65	1.24	4.37	2.65		91.07	*	.02	.25	.88	2.72	1.51			94.62
	1586	4E64	.43	3.45	4.32	4.14	65.38		22.28	*	.44	1.94	4.56	3.79	55.12			34.15
	1587	4G4	.49	10.91	13.03	4.09	46.67		24.81	*	.49	6.04	13.53	3.69	38.77			37.48
	1588	4G4	.17	5.82	11.08	2.17	38.71		42.05	*	.15	2.86	10.22	1.74	28.58			56.44
	1589	4E4	.58	7.24	7.78	7.00	64.30		13.10	*	.62	4.35	8.77	6.86	57.94			21.46
	1590	4E0	.58	1.32	1.45	7.03	68.39		21.24	*	.58	.74	1.53	6.47	57.94			32.73
	1591	4K0	.75	2.30	2.70	8.18	67.10		18.98	*	.77	1.32	2.90	7.64	57.70			29.67
	1592	4E84	.32	1.35	6.86	13.23	42.36		35.88	*	.29	.68	6.50	10.91	32.14			49.49
	1593	4G4	.17	4.76	10.88	5.38	21.07		57.73	*	.14	2.13	9.14	3.93	14.16			70.51
	1594	4G4	.14	3.81	10.14	2.66	17.20		66.05	*	.11	1.63	8.15	1.86	11.06			77.19
	1595	4C3	.61	.58	1.15	6.37	47.10		44.20	*	.53	.28	1.05	5.06	34.39			58.69
	1596	4C3	.64	.89	1.60	16.65	30.75		49.47	*	.53	.42	1.40	12.74	21.63			63.28
	1597	4C3	1.01	1.34	2.71	12.14	43.23		39.57	*	.90	.67	2.53	9.86	32.29			53.75
	1598	4C3	.87	2.31	.10	6.45	46.88		43.39	*	.76	1.14	.10	5.17	34.60			58.23
	1599	4C3	.66	.67	1.06	13.65	30.97		52.99	*	.55	.31	.91	10.25	21.40			66.58
	1600	4C3	.95	1.42	2.82	9.01	46.88		38.92	*	.85	.71	2.65	7.36	35.24			53.19
	1601	4C3	.78	2.01	4.03	6.23	26.88		60.08	*	.62	.89	3.35	4.51	17.90			72.73
	1602	4D3	.61	3.34	4.03	4.53	28.17		59.33	*	.49	1.49	3.38	3.31	18.91			72.42
	1603	4C3	.23	.89	3.86	13.79	29.03		52.19	*	.19	.41	3.34	10.37	20.07			65.62
	1604	4C7	1.01	1.11	1.71	25.43	19.14		51.60	*	.83	.51	1.48	19.11	13.23			64.84
	1605	4C0	.78	.61	.86	11.32	21.94		64.48	*	.60	.27	.70	8.00	14.25			76.18
	1606	4C0	.32	2.16	1.82	4.86	10.97		79.88	*	.23	.87	1.37	3.19	6.62			87.71
	1607	4D3	.26	3.34	5.22	9.74	39.35		42.10	*	.23	1.64	4.81	7.81	29.04			56.47
	1608	4C3	1.18	.90	1.46	7.27	28.82		60.37	*	.94	.40	1.21	5.25	19.17			73.02
	1609	4C0	.52	1.82	1.60	5.32	24.52		66.23	*	.40	.79	1.29	3.74	15.86			77.92
	1610	4C7	.64	.53	.66	9.55	16.34		72.29	*	.47	.22	.51	6.48	10.21			82.10

CYPRUS ANVIL MINING CORPORATION

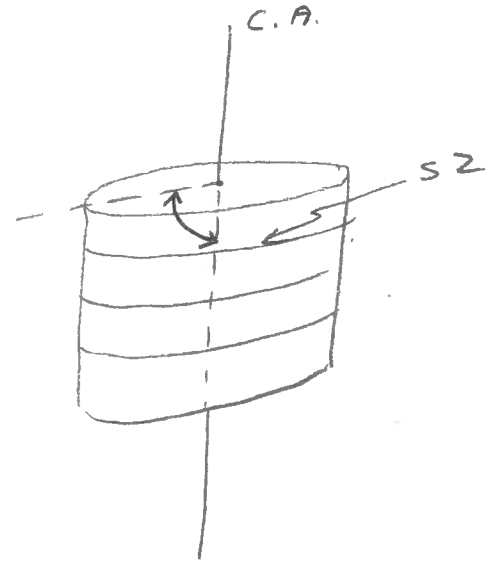
DIAMOND DRILL CORE LOG

Hole Number: 76-A153

Fabric Orientation Diagram:

Project: GRUM

Location: VANGORDA PLATEAU



Claim: _____

UTM
~~True~~ Plane

Co-ords.: 6,904,890.91 N

*1979
Dr. Koptala Survey*

592,454.84 E

Grid
Co-ords.: 68W/5N

All symmetry determinations looking

NW with S2 dipping

Elevation: 1286.61 SW with dip azimuth 230°

Total Depth: 218.5 m.

Purpose: _____

ReLogged by: DJH

Date(s) Logged: MAY 15/80

Drilling
Contractor: _____

Core:	Size	From	To	Collar Cased and Capped:
<u>BQ</u>	<u>0</u>	<u>218.5</u>		_____
_____	_____	_____		_____
_____	_____	_____		_____

Started: 6/9/76 Completed: 11/9/76

Lithologic Log

Code	From		To		Unit		Code	Description
	10	14	16	20	22	23		
L	100		140	8	11		#	triconed o/B
L	140	8	146	3	12	5B16		360?; med. grey non-calc phyllite
L	146	3	155	6	13	4L10		W.M.E. ± talc; minor py/po in fractures
L	155	6	158	3	14	4L13		gouge
L	158	3	160	0	15	4A10		5B19?; minor graphite; minor sdes
L	160	0	161	7	16	4L11		w/mariposite; buff/white
L	161	7	168	1	17	4A10		as unit 5;
L	168	1	169	7	18	4L11		minor sdes; buff/white
L	169	7	180	5	19	5B16		360?; as unit 2
L	180	5	181	4	10	4L11		minor sdes (po); buff/white w/ minor pale green & brown.
L	181	4	115	5	11	5B16		360?; as units 2 & 9
L	115	5	116	5	12	4L10		altered SD?; buff/pale green.
L	116	5	122	2	13	5B16		360?; as units 2 & 9 & 11
L	122	2	129	6	14	4L11		→ 4L16; partially altered; secondary(?) bright green chlorite in patches & bands // S,
L	129	6	130	6	15	5B0		biotitic
L	130	6	132	4	16	4L11		as unit 14 w/ minor 5B0 (biotitic) interbanded
L	132	4	141	0	17	5B16		360? as units 2, 9, 11, 13
L	141	0	144	3	18	5B16		w/ biotite; as unit 15 but non-calc; numerous qtz "sweats"; coarser grained than normal phyllite?; minor 4L ± talc
L	144	3	157	6	19	5B16		360? as units 2, 9, 11, 13, 17
L	157	6	162	1	20	4A10		4 (4A0) T.O.I.
L	162	1	163	6	21	5B16		360? as units 2, 9, 11, 13, 17, 19; grad. cts
L	163	6	169	0	22	5B16		as unit 18 ± garnet; buff → greenish beige
L	169	0	173	8	23	5B16		normal non-calc. phy. as units 2, 9, 11, 13, 17, 19 & 21
L	173	8	175	0	24	4L10		buff/white
L	175	0	176	1	25	4E16		4
L	176	1	179	7	26	4G10		4 honey sph.
L	179	7	180	0	27	4L13		
L	180	0	180	8	28	5B16		med. grey; no alt.
L	180	8	181	3	29	4E10		4
L	181	3	182	0	30	4E16		→ 4E64

Structural Log

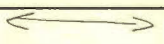
Code	From		To		Feature	SYE	S ₁		S ₂		Description
	10	14	16	20			Dip	Direct.	Dip	Direct.	
	1	2	3	4	5	6	7	8	9	10	
S				1413	5	C/S2			710	2130	Z sym. 40.8 - 52.6 m.
S				1512	2	C/S2			618	2130	
S				1526	6	F23					S sym 52.6 - 55.0
S				1539	9	C/S2			722	2130	
S				1550	0	F2S					F4 region 55.0 - 74.7 (contorted S2 - no sym)
S				1747	7	C/S2			712	2130	S sym 74.7 - 86.3 ✓
S				1806	6	C/S2			615	2130	
S				1816	3	F2E			562	2130	Z sym 86.3 - 157.5
S				1913	8	C/S2			710	2130	
S				1918	8	C/S2			55	2130	
S				11016	7	C/S2			618	2130	
S				1111	8	C/S2			610	2130	
S				1111	8	C/S2			618	2130	
S				1123	8	C/S2			710	2130	
S				1130	1	C/S2			717	2130	
S				1135	9	C/S2			710	2130	
S				1142	1	C/S2			710	2130	
S				11418	4	C/S2			716	2130	
S				1154	2	C/S2			716	2130	
S				1157	5	F2Z					P region with minor Z sym. 157.5 - 175.2
S				11610	3	P/S2			810	2130	
S				11616	4	P/S2			811	2130	
S				1172	8	P/S2			812	2130	
S				1175	2	F2P					R region 175.2 - 212.4 ✓
S				1177	5	P/S2			716	2130	
S				11813	5	P/S2			710	2130	
S				11819	3	P/S2			712	2130	
S				11914	3	P/S2			615	2130	
S				1200	8	P/S2			715	2130	
S				1207	0	P/S2			710	2130	
S				1212	4	F2R			710	2130	M region 212.4 - 218.5 (E0H) 60/40 Z/S
S				1217	2	C/S2			814	2130	
S				1218	5	F2M					

Geochemical Log (Sampler's Copy)

Logged By: _____

Sampled By: _____

Code	From m.	To m.	Sample No.	Description					
1	10	14	16	20	22	27	LENGTH	REC.	UNIT
P	583	600	11577	1.7	1.7	4A0			
P	1617	1637	11579	2.0	2.0	4A0			
P	1637	1657	11580	2.0	2.0	4A0			
P	1657	1681	11581	2.4	2.3	4A0			
P	11576	11587	11582	1.1	0.9	4A0			
P	11587	11603	11583	1.6	1.6	4A0 ⁴			
P	11603	11621	11584	1.8	1.4	4A0 ⁴			
P	11621	11629	11585	0.8	0.8	4A0 5B6			
P	11752	11761	11586	0.9	0.8	4E6 ⁴			
P	11761	11779	11587	1.8	1.8	4G0 ⁴			
P	11779	11796	11588	1.7	1.6	4G0 ⁴			
P	11796								
P	11806	11820	11589	1.4	1.4	4E0 ⁴ /4E6 ⁴			
P	11820	11835	11590	1.5	1.45	4E0			
P	11835	11850	11591	1.5	1.5	4K0			
P	11850	11865	11592	1.5	1.4	4E8 ⁴			
P	11865	11880	11593	1.5	1.3	4G4			
P	11880	11888	11594	0.8	0.8	4G4			
P	11888	11903	11595	1.5	1.5	4C0			
P	11903	11918	11596	1.5	1.45	4C0			
P	11918	11925	11597	0.7	0.7	4C0			
P	11925	11940	11598	1.5	1.2	4C0			
P	11940	11970	11599	3.0	2.7	4C0			
P	11970	11999	11600	2.9	2.5	4C0			
P	11999	2006	11601	0.7	0.35	4C0			
P	12006	12018	11602	1.2	1.0	4C0			
P	12018	12030	11603	1.2	0.35	4C0			
P	12030	12060	11604	3.0	3.0	4C7			
P	12060	12075	11605	1.5	1.0	4C0			
P	12075	12090	11606	1.5	0.9	4C0			
P	12090	12096	11607	0.6	0.35	4C0			
P	12096	12109	11608	1.3	1.3	4C0			
P	12109	12124	11609	1.5	1.5	4C0			



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J. L. Brown

D.D.H. No 76-A153

PAGE 3 of 8

Interval		DESCRIPTION	Recovery	Sample No	Interval		Sample Length	Assay					Assay				
From	To				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag		
68.2	71.0	Qtz - Ser ± Sison (SB) Blashed Buff. 75% qtz, sulph. @ 68.2-69.8 (10% _q , 0.3PZ), remaining contains negligible sulph. showing @ 69.4-69.5, end @ 71.3" C.A. $\tau_2 = 70^\circ @ 68.4''$, $75^\circ @ 70''$, $30^\circ @ 70.6''$, $70^\circ @ 71''$.	1.0 / 1.6		68.2	69.8		0.3	PZ, cst.								
			1.2 / 1.2			71.0											
71.0	80.5	Qtz - Ser Phy (S) Med. Gray 60-70% qtz. Fringe of altered rocks showing altered gray phyllites w/ intermittent bleached phy. Rocks incompetent due to the many narrow shears throughout, most show gouge. Streak of PZ @ 76.6" C.A. $\tau_2 = 55^\circ @ 71.5''$, $70^\circ @ 72.5''$, $75^\circ @ 75.2''$, $80^\circ @$ $77''$, $70^\circ @ 79''$, $65^\circ @ 80''$.	9.5 / 9.5		71.0	80.5											
80.5	82.1	Qtz - Ser Phy (SB) Blashed Buff. 60-70% qtz, abundant biotite @ 80.5", 0.3 pu. Upper contact = 0.1" of crushed phyllite, lower contact possible shear. C.A. $\tau_2 = 65-80-70^\circ$. τ_1 local @ 81.2"	1.5 / 1.6		80.5	82.1											
82.1	122.2	Qtz - Ser Phy (S) Med Gray 50-60% qtz. Thick laminated w/ local zone of sericite banding showing τ_1 shear. τ_2 possible	2.5 / 5.4 3 / 2.9		82.1	87.5											
						91.4											

LOGGED BY
 Interval

LOGGED BY

D.D.H. No. 76-A153 PAGE 7 of 8

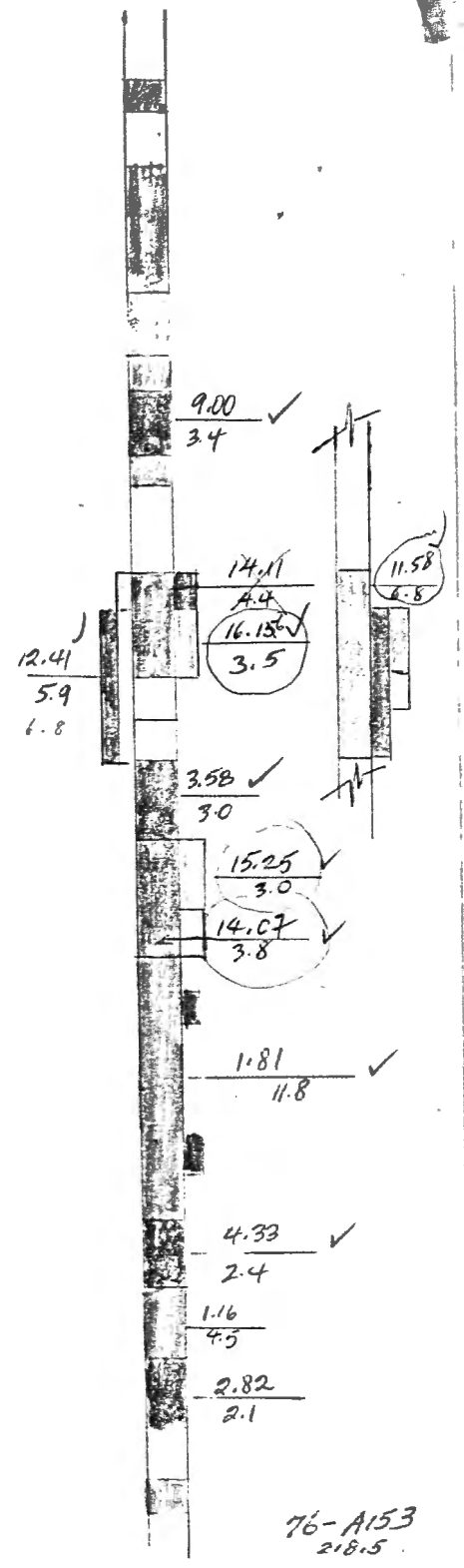
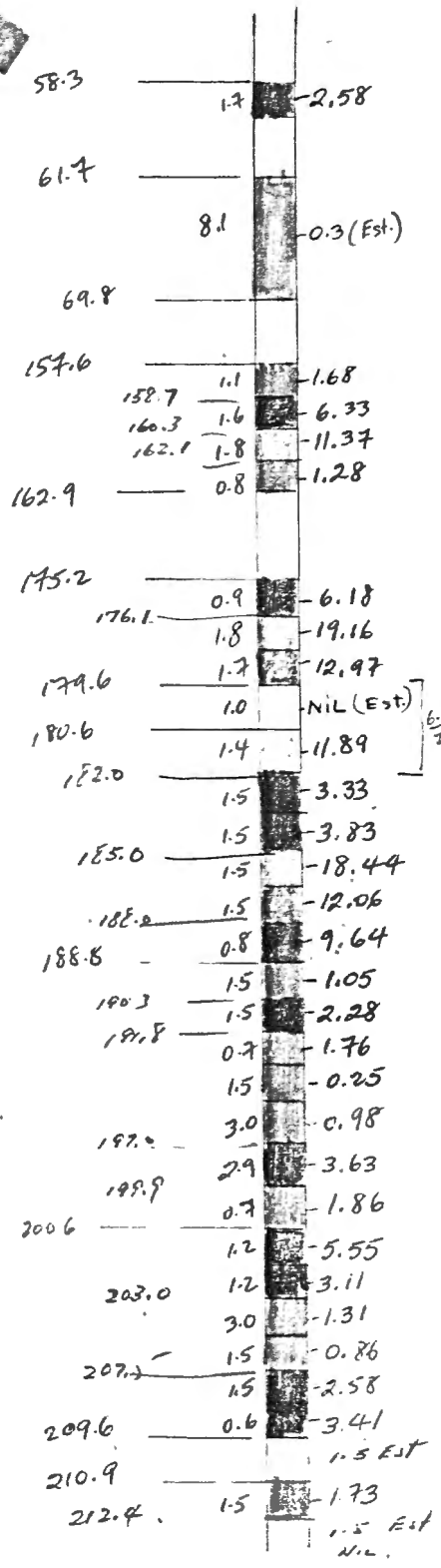
Interval		DESCRIPTION	Recovery	Sample No.	Interval		Sample Length	Assay					Assay x				
From	To				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag		
175.2	188.8	MASSIVE, SULPHS. (M6)															
		Disseminated & mass sulphs (mass) in flz-barite. ^{Py PE} Massive	5	0.8	A 4978	175.2	176.1	0.9	3.33	2.85	37.37			3.00	0.57	33.63	
		massive.	55	1.8	4979		177.9	1.8	9.85	9.31	96.69			17.73	16.76	174.04	
		175.2 - 176.1": 80 py, 5 PE, 3 barite, 0.3 Mag.	45	1.6	4980		179.6	1.7	5.50	7.47	43.71			9.35	0.70	125.31	
		-178.4": 55 py, 16 PE, 15 "	1	0.77/1.0	/		180.6	/	Nil	PE, < 1.				0	0	0	
		-179.6": 40 py, 10 PE, 25 ", 0.1" barren flz-Ser @ 179.5"	70	1.4	A 4981		182.0	1.4	6.59	5.30	70.63	-		9.23	7.42	98.88	
		^{177.9} -180.6": Bleached flz-Ser (S6), barren	75	1.45	4982		183.5	1.5	1.70	1.63	16.11			2.55	2.45	24.17	
		-180.6": flz-Graph, 1 py, 12 PE, intense staining.	75	1.7	4983		185.2	1.7	2.38	1.45	22.29			3.57	2.18	33.44	
		-181.3": 80 py, 6 PE, 0.5 Mag, 3 barite	70	1.4	4984		186.5	1.5	13.79	4.65	138.17			20.69	6.98	207.26	
		-182.0": 65 py, 15 PE, 5 "	50	1.3	4985		188.0	1.5	5.00	7.06	43.71			4.50	10.59	110.57	
		-185.2": 75 py, 6 PE, 1.5 Mag, 2 "	25	0.8	4986		188.8	0.8	3.38	6.26	45.26			2.70	5.01	36.21	
		-188.8": 70-80 py, 12-16 PE, ² 0.2 Mag, 5-10 barite															
		C.A. 70-75" (Compositional banding)															
188.8	210.5	QUARTZ - SULPHIDES - Ser (PF)															
		Massive & banded flz-sulphs 4/0-5% with ⁵⁰ with ⁴⁵	15	1.5	A 4987	188.8	190.3	1.5	0.30	0.75	8.91			1.05	PT 2W		
		sercite.	60	1.45	4988		191.8	1.5	1.03	1.25	14.06			2.28	"		
		188.8-190.3": 50 py, 0.5 PE, 0.1 Mag	6	0.7	4989		192.5	0.7	0.63	1.13	17.14			1.76	"		
		-192.5": 60 py, 4-5 PE, 4-5 Mag.	40	1.2	4990		194.0	1.5	0.15	0.10	6.17			0.25	"		
		-194.2": 40 py, 0.1 PE, 0.1 Mag, spot chalc.	40	2.7	4991		197.0	3.0	0.38	0.40	7.86			0.98	"		
		196.4": 40 py, 3 PE, 2 Mag.	50	2.5	4992		199.9	2.9	1.50	2.13	20.23			3.63	"		
		197.1": 40 py, 1 PE, 0.5 Mag	25	0.35	4993		200.6	0.7	0.88	0.98	12.00			1.86	"		

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J. Shaw

D.D.H. No 76-A153 PAGE 8 of 8

Interval		DESCRIPTION	Recovery	Sample No	Interval		Sample Length	Assay					Assay x			
From	To				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag	
		197.1-199.6 ^m : 88-95 Py, 5-6 PZ, 1-0.5 Mag.	90 10	1.0	A 4994	200.6	201.8	1.2	3.10	2.45	115.26			3.72	2.94	54.31
		-199.9 = 50 Py, 8 PZ.	45 7	0.35	4995		203.0	1.2	1.33	1.78	17.14			1.60	2.14	20.57
		-200.6 = 25 Py, 2 PZ.														
		-201.8 = 50 Py, 10 PZ.														
		-203.0 = 45 Py, 7 PZ.	35 0.7	3.0	4996		206.0	3.0	0.63	0.68	13.03			1.31	Pt Zn	
		-204.6 = 3 1/2 - 1/2 in - 1/2 in (S&P), 8 Py, 10 Po, 0.5 PZ, spread chalc.		1.0	4997		207.5	1.5	0.38	0.48	7.20			0.86	4	
		-206.1 = 45 Po, 5 Py, 1 PZ, 0.2 Cu, 0.1 Mag.	12 0.3													
		-207.5 = 12 Py, 10.2 Po, 0.3 PZ, 0.1 Cu.		0.9	4998		209.0	1.5	1.35	1.23	22.29			2.58	"	
		-209.0 = 5 Py, 3 PZ.	5 3													
		-209.6 = 75 Py, 6 PZ, 0.5 Mag.	75 6	0.35	4999		209.6	0.6	1.43	1.98	25.37			3.41	"	
		-210.1 = barren bleached Ptz (S&P)		0.5 / 0.5												
		-214.0 = 35 Py, 1 Po, odd Mag, 2 PZ, 0.1 Cu.	0 0				210.1	0.5	Nu	PZ, Cu						
		-215.7 = 8 1/2 - 1/2 in bleached (S&P), 0.2 ^m Ag-Py	40 1.5	0.8 / 0.8			210.9	0.8	1.5	Pt						
		-217.1 = 35 Py, 5 Po, 0.5 PZ. (Pz)	35 2.0	1.5	A 5000		212.4	1.5	1.00	0.73	14.06	✓				
		-218.5 = 3 Py, 0.2 Po, No PZ, varicitic (S&P)	30 1.5	1.4 / 1.6			214.0		1.5	Pt						
			2 0	1.5 / 1.7			215.7		Nu	PZ, Pt						
		C.A. 70-60° undulating.	40 0.3	1.4 / 1.4			217.1		0.3	PZ, Pt						
			3 Nu	1.4 / 1.4			218.5		Nu	PZ						
218.5		End of Hole.														
					WT. Av.	176.1	182.0	5.9	6.15	6.25	67.50			36.31	36.88	398.23
		REMARKS:			"	175.2	182.0	6.8	5.78	5.80	63.51			39.31	39.45	431.86
		(1) Lost water return @ 189.6 ^m , no return thereafter.			"	176.1 177.6	179.6 180.0	3.5 2.4	7.74 3.84	8.42 3.07	85.53 21.2			27.08	29.46	299.35
		(2) Cemented w/ 10 bags cement.			"	182.0	185.0	3.0	2.04	1.54	19.20			6.12	4.63	57.61
					"	185.0	188.8	3.8	8.13	5.94	93.17			30.89	22.58	354.04
					"	185.0	188.0	3.0	9.40	5.86	105.94			28.19	17.57	317.83
					"	188.8	200.6	11.8	1.81	Pt Zn						
					"	200.6	203.0	2.4	2.22	2.12	31.2			5.32	5.08	74.88
					"	203.0	207.5	4.5	1.16	1.42						
					"	207.5	209.6	2.1	2.32							



Interval		DESCRIPTION	Recovery	Sample No	Interval		Sample Length	Assay					Assay x				
From	To				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag		
55.6	58.3	FAULT in (S ₈ +S)															
		55.6-58.2" = Gouge & crushed Blacked Ser Phy.	0.3 2.6	✓	55.6	58.2	✓										
		-58.3" Sheard Gray Phy.	0.1 8.1	✓		58.3	✓										
		Upper contact @ 65° to core @ approx 20° to F ₂ . Lower contact (?) // F ₂ @ 60° to core.															
58.3	60.0	QZ - SER - SUCANS (SP) Light Gray.															
		65-70% qtz, 5py, 2PZ. F ₂ mineraliz'n mainly.	1.7	A 4923	58.3	60.0	1.7	1.18	1.40	15.09	✓						
		Thinly bedded, local vugs, parts fractured.															
		C.A. F ₂ = 60-80-60° to 59.6"															
		F ₁ sub-v to F ₂ @ 58.9" (F ₂ 75°), nose @ 59.6-60"															
60.0	61.7	QZ - SER - AMPHIBOLITE (S ₈) Buff w/ Green.															
		Massive, firm, altered phy w/ blebs & lenses of amphibolite (~1%).	1.4 1.7	✓	60.0	61.7	✓										
		C.A. 35-30° (F ₁ ?).															
61.7	68.2	QZ - SER - SUCANS (SP) Light Gray.															
		Similar to 58.3-60". F ₁ excellent, 0-20° to core. F ₂ = 75°. 5-10 py, 0.3 PZ, odd chalc.	0.25 0.5	✓	61.7	62.2	✓	0.3	PB	cut							
		64.8-68.2" : increase fracturing & shearing.	3 3.0	✓		65.2	✓	0.3	"	"							
			1.1 0.9	✓		66.8	✓	0.3	"	"							
			0.15 0.9	✓		67.7	✓	0.3	"	"							
			0.3 0.5	✓		68.2	✓	0.3	"	"							

J. L. Brown

Interval		DESCRIPTION	Recovery	Sample No	Interval		Sample Length	Assay					Assay x				
From	To				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag		
68.2	71.0	Qtz - Ser ± Sph (Sb) Bleached Buff. 75% qtz, sulph @ 68.2-69.8 (10g, 0.3PZ), remaining contains negligible sulph. Showing @ 69.4-69.8" and @ 71.3" C.A. 70° @ 68.4", 75° @ 70", 30° @ 70.6, 70° @ 71"	1.0 / 1.6 1.2 / 1.2		68.2	69.8 71.0		0.3	PZ, est.								
71.0	80.5	Qtz - Ser Phx (S) Mid. Gray 60-70% qtz. Fringe of altered rocks showing altered gray phylites w/ intermittent bleached ph. Rocks incompetent due to the many narrow shears throughout, most shear gauge. Strike of PZ @ 76.6" C.A. Fz = 55° @ 71.5", 70° @ 72.5, 75° @ 75.2, 80° @ 77", 70° @ 79, 65° @ 80"	9.5 / 9.5		71.0	80.5											
80.5	82.1	Qtz - Ser Phx (Sb) Bleached Buff. 60-70% qtz, band of biotite @ 81.8", 0.3 py. Upper contact = 0.1" of crushed phylite, lower contact possible shear. C.A. Fz = 65-80-70°. Fz local @ 81.2"	1.5 / 1.6		80.5	82.1											
82.1	122.2	Qtz - Ser Phx (S) Mid Gray. 50-60% qtz. Thinly laminated w/ local sm of zoe. bedding showing Fz sub-v. to Fe. Fz site.	2.5 / 5.4 3 / 2.9		82.1	87.5 91.4											

LOGGED BY
 INTERVAL TO

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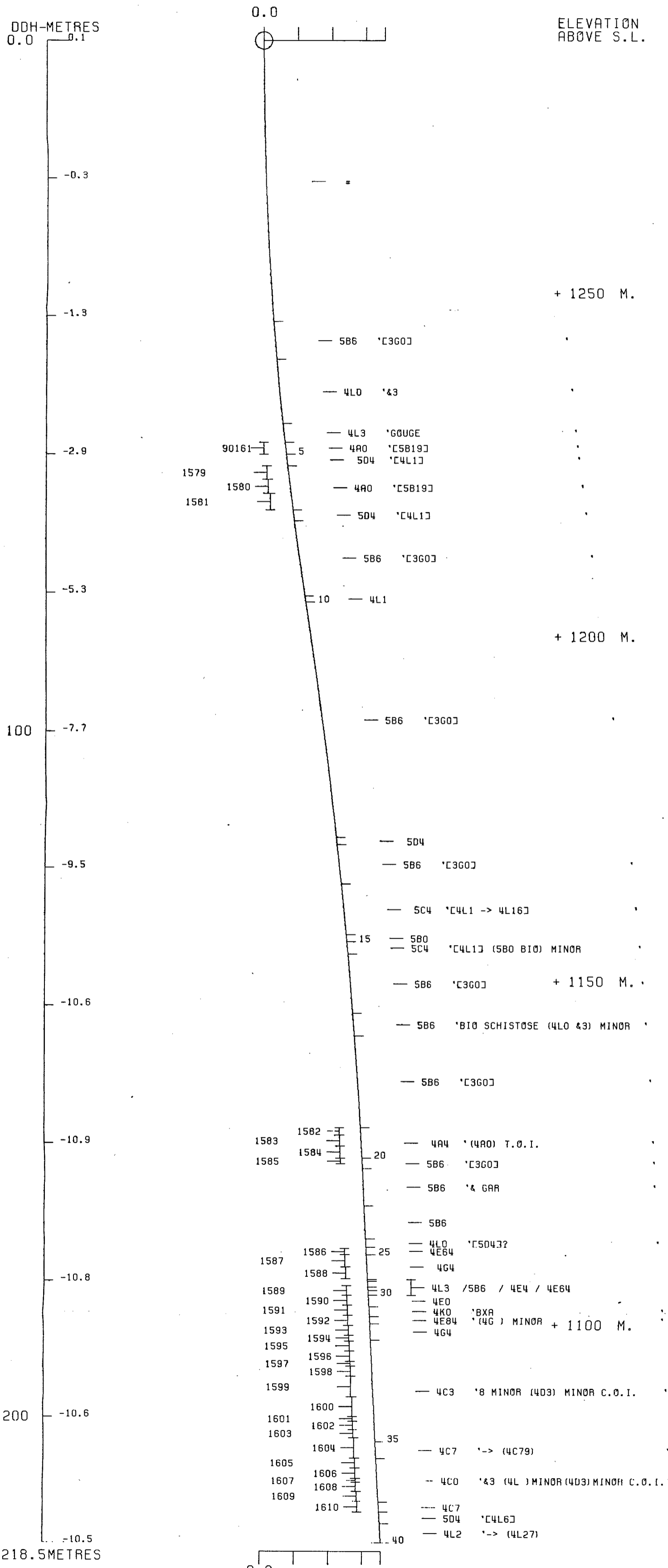
Interval		DESCRIPTION	Recovery	Sample N ^o	Interval		Sample Length	Assay					Assay x				
From	To				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag		
175.2	188.8	MASSIVE, SULPHS. (Mb)															
		Disseminated & mass sulphs (minor) in Qtz-barite. <i>Mineralogy</i>	80	5	0.8	A-4978	175.2	176.1	0.9	3.33	2.85	37.37			3.00	0.57	33.63
		MASSIVE.	55	16	1.8	4979		177.9	1.8	9.85	9.31	96.69			17.93	16.76	174.04
		175.2-176.1": 80 py, 5 PE, 3 Barite, 0.3 Mag.	45	10	1.6	4980		179.6	1.7	5.60	7.47	43.71			9.35	8.70	125.31
		-178.4": 55 py, 16 PE, 15 "	1	0	0.77/1.0	/		180.6	/	Nil	PE, etc.				0	0	0
		-179.6": 40 py, 10 PE, 25 ", 0.1" barite Qtz-Ser @ 179.3"	70	10	1.4	A-4981		182.0	1.4	6.59	5.90	70.63	-		9.23	7.42	98.88
		179.9-180.6": Bleached Qtz-Ser (Sb), barite	75	6	1.45	4982		183.5	1.5	1.70	1.63	16.11			2.55	2.45	24.17
		-180.6": Qtz-Graph., 1 py, 10 PE, intense staining.	75	7	1.7	4983		185.2	1.7	2.38	1.45	22.29			3.57	2.18	33.44
		-181.3": 80 py, 6 PE, 0.5 Mag, 3 Barite	70	12	1.4	4984		186.5	1.5	13.79	4.65	138.17			20.69	6.98	207.26
		-182.0": 65 py, 15 PE, 5 "	50	16	1.3	4985		188.0	1.5	5.00	7.06	43.71			7.50	10.59	110.57
		-185.2": 75 py, 6 PE, 15 Mag, 2 "	40	14	0.8	4986		189.8	0.8	3.38	6.26	45.26			2.70	5.01	36.21
		-188.8": 70-60 py, 12-16 PE, 0.2 Mag, 5-10 Barite															
		C.A. 70-75" (Compositional banding)															
188.8	218.5	QUARTZ-SULPHS-DEFS - Ser (PF)															
		Massive & banded Qtz-sulphs 4/0-5% buff-alk.	80	5	1.5	A-4987	188.8	190.3	1.5	0.30	0.75	8.91			1.05	PTZw	
		sericite.	60	5	1.45	4988		191.8	1.5	1.03	1.25	14.06			2.28	"	
		188.8-190.3": 50 py, 0.5 PE, 0.1 Mag	60	4	0.7	4989		192.5	0.7	0.63	1.13	17.14			1.76	"	
		-192.5": 60 py, 4-5 PE, 4-5 Mag.	40	21	1.2	4990		194.0	1.5	0.15	0.10	6.17			0.25	"	
		-196.2": 40 py, 0.1 PE, 0.1 Mag, spot chala.	40	25	2.7	4991		197.0	3.0	0.38	0.60	7.86			0.98	"	
		196.4": 40 py, 3 PE, 2 Mag.	50	5	2.5	4992		199.9	2.9	1.50	2.13	20.23			3.63	"	
		197.1": 40 py, 1 PE, 0.5 Mag.	25	2	0.35	4993		200.6	0.7	0.88	0.98	12.00			1.86	"	

J. Shaw

Interval		DESCRIPTION	Recovery	Sample No	Interval		Sample Length	Assay					Assay x			
From	To				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag	
		197.1-199.6 ^m : 88-35 Py, 5-6 PF, 1-0.5 Mag.	30 ¹⁰ / ₁₀	1.0	A 4994	200.6	201.8	1.2	3.10	2.45	45.26			3.72	2.94	54.31
		-199.9 = 50 Py, 8 PF.	45 ⁷ / ₇	0.35	4995		203.0	1.2	1.33	1.78	17.14			1.60	2.14	20.57
		-200.6 = 25 Py, 2 PF.														
		-201.8 = 50 Py, 10 PF.														
		-203.0 = 45 Py, 7 PF.	35 ^{0.7} / _{0.7}	3.0	4996		206.0	3.0	0.63	0.68	13.03			1.31	PF Zn	
		-204.6 = 8 1/2 - 1/4 in - 1/4 in (SBP), 3 Py, 10 Po, 0.5 PF, spiral shales														
		-206.1 = 45 Po, 5 Py, 1 PF, 0.2 Cu, 0.1 Mag.	12 ^{0.3} / _{0.3}	1.0	4997		207.5	1.5	0.38	0.48	7.20			0.86	"	
		-207.5 = 12 Py, 0.2 Po, 0.3 PF, 0.1 Cu.														
		-209.0 = 5 Py, 3 PF.	5 ³ / ₃	0.9	4998		209.0	1.5	1.35	1.23	22.29			2.58	"	
		-209.6 = 75 Py, 6 PF, 0.5 Mag.	75 ⁶ / ₆	0.35	4999		209.6	0.6	1.43	1.98	25.37			3.41	"	
		-210.1 = barren detached Py (SB)														
		-214.0 = 35 Py, 1 Po, odd Mag, 2 PF, 0.1 Cu.	0 ⁰ / ₀	0.5 / 0.5			210.1	0.5	N/A	PF, est						
		-215.7 = 6 1/2 - 1/4 in shales (SB), 0.2" bl-ly	40 ^{0.3} / _{0.3}	0.8 / 0.8			210.8	0.8	1.5	PF, est.						
		-217.1 = 35 Py, 5 Po, 0.5 PF. (Ps)	35 ^{2.0} / _{2.0}	1.5	A 5000		212.4	1.5	1.00	0.93	14.06	✓				
		-218.5 = 3 Py, 0.2 Po, No PF, varicitic (SBP)	30 ^{0.5} / _{0.5}	1.4 / 1.6			214.0		1.5	PF, est.						
			2 ⁰ / ₀	1.5 / 1.7			215.7		N/A	PF, est.						
		C.A. 70-60° undulating	40 ^{0.3} / _{0.3}	1.4 / 1.4			217.1		0.3	PF, est.						
			3 ^{NL} / _{NL}	1.4 / 1.4			218.5		N/A	PF, est.						
218.5		End Of Hole.														
					WT. Av.	176.1	182.0	5.9	6.15	6.25	67.50			36.31	36.88	398.23
					"	175.2	182.0	6.8	5.98	5.80	63.51			39.31	39.45	431.86
		REMARKS:			"	176.1	179.6	3.5	7.74	8.42	85.53			27.08	29.46	299.35
		①. Last water return @ 189.6 ^m , no return thereafter.			"	179.6	182.0	2.4	3.84	3.09	41.2					
		② Cemented w/10 bags cement.			"	182.0	185.0	3.0	2.04	1.54	19.20			6.12	4.63	57.61
					"	185.0	188.8	3.8	8.13	5.94	93.17			30.89	22.58	354.04
					"	185.0	188.0	3.0	9.40	5.86	105.94			28.19	17.57	317.83
					"	188.8	200.6	11.8	1.81	PF Zn						
					"	200.6	203.0	2.4	2.22	2.12	31.2			5.32	5.08	74.88
					"	203.0	207.5	4.5	1.16	PF Zn						
					"	207.5	209.6	2.1	2.92	"						

DDH: FAGA153 -- 42 DEGREE PROFILE (VIEW AZIMUTH = 312 DEGREES)

ELEV:1287 592455E ; 904891N
 PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0
 CORRECTED COLLAR POSITION: X = 524.8 Z = 1286.6
 SECTION NAME: 68W



DDH: FAGA153 -- 42 DEGREE PROFILE

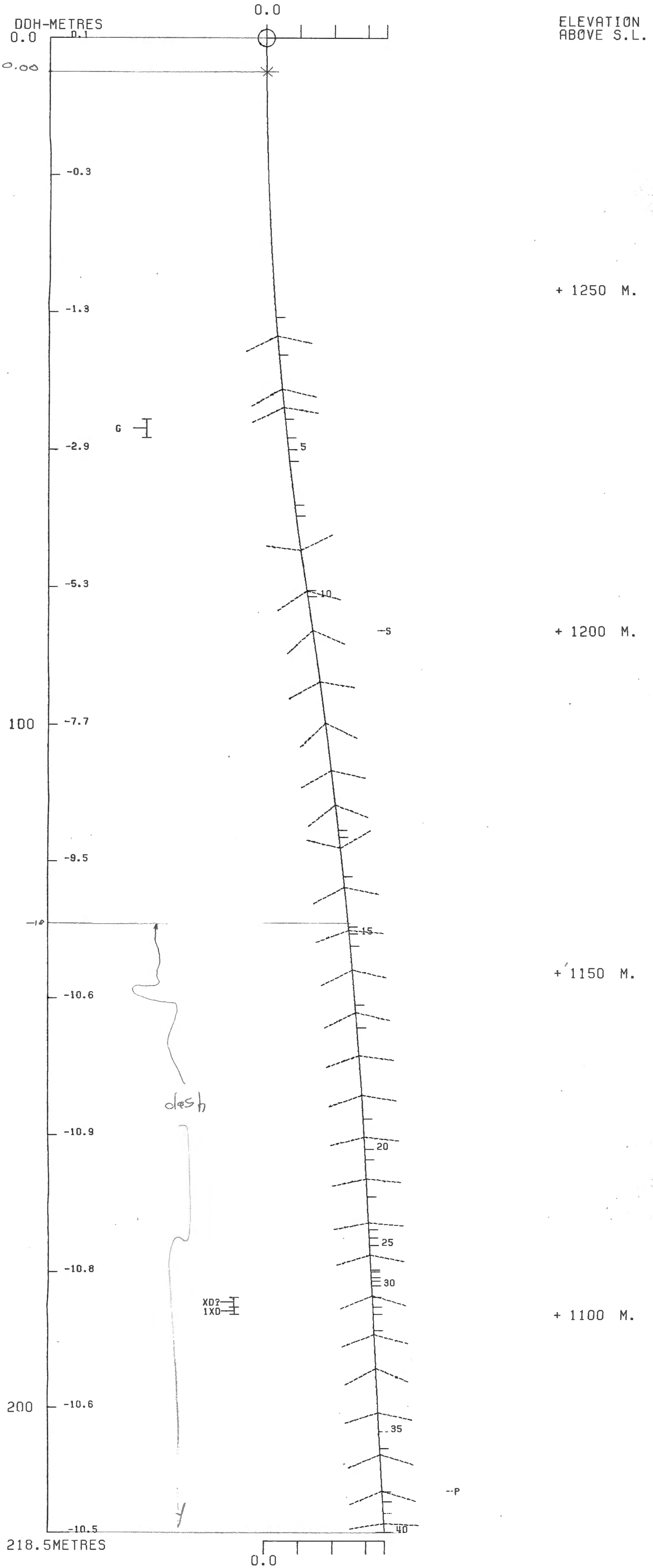
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1287 592455E ; 904891N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 524.8 Z = 1286.6

SECTION NAME: 68W



FAGA208

84/1C/30

GRUM DATABASE - QUIZ REPORT

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DCH	SAMPLE	-----DEPTHS-----	INT REC	ROCK	S.G.	CU	PB	ZN	AG	AU	PO	PY	BAC	PB+ZN	PC+PY	ZN
		FROM TO	M %	UNIT		%	%	%	G/MT	G/MT	%	%	%	%	%	RATIO
FAGA2CS	5801	76.7	77.6	.9 100	403	3.82	.39	3.40	3.00	60.0	.27	7.82	21.00	6.40	28.82	.47
	5802	77.6	78.4	.8 100	4L2	2.84	.09	.14	.03	4.0	.14	1.50	3.54	.17	5.04	.18
	5803	78.4	80.0	1.6 100	4C3	3.57	.23	1.08	.74	22.0	.34	4.02	16.50	1.82	20.52	.41
	5804	80.0	81.6	1.6 100	4C3	3.87	.20	2.40	1.72	39.0	.55	3.16	25.50	4.12	28.66	.42
	5805	81.6	82.7	1.1 100	4L2	3.09	.06	.83	.43	13.0	.21	1.71	10.70	1.26	12.41	.34
	5806	82.7	83.5	.8 100	4GC4	4.09	.18	6.70	8.30	109.0	.82	2.23	18.00	15.00	20.23	.55
	5807	83.5	84.2	.7 100	404	4.64	.22	5.80	8.70	99.0	6.58	3.21	32.10	14.50	35.31	.60
	5808	84.2	85.6	1.4 100	4G4	4.45	.05	5.90	12.30	115.0	.75	.66	16.90	18.20	17.56	.68
	5809	85.6	87.0	1.4 100	4G4	4.47	.10	4.70	7.57	77.0	.41	1.56	10.60	12.27	12.16	.62
	5810	87.0	88.4	1.4 100	4G4	4.50	.05	5.70	8.23	80.0	1.44	.94	8.10	13.93	9.04	.59
	5811	125.5	126.4	.9 100	4E4	4.00	.24	3.40	4.50	55.0	1.99			7.90		.57
	5812	140.3	141.8	1.5 100	4A0	3.00	.07	1.03	2.53	20.0	.34			3.61		.70
	5813	141.8	143.3	1.5 87	4A0	2.92	.08	.51	.81	10.0	.34			1.32		.61
	5814	143.3	144.8	1.5 100	4AC	2.83	.07	.68	1.23	12.0	.41			1.91		.64
	5815	144.8	146.3	1.5 60	4A0	2.87	.07	.95	1.95	16.0	.41			2.90		.67
	5816	146.3	147.7	1.4 100	4A0	2.84	.07	.70	1.20	11.0	.41			1.90		.63
	5817	147.7	149.1	1.4 100	4AC	2.82	.05	.63	1.25	11.0	.27	1.84	3.40	1.88	5.24	.66
	5818	149.1	150.5	1.4 100	4A0	2.85	.07	.65	1.07	11.0	.21	1.49	4.83	1.72	6.32	.62
	5819	150.5	153.3	2.8 64	4A0	2.86	.07	1.16	1.91	16.0	.34	1.36	3.87	3.07	5.23	.62
	5820	153.3	154.7	1.4 100	4A0	2.77	.05	.31	.57	6.0	.27	1.33	3.30	.89	4.63	.65
	5821	154.7	156.1	1.4 100	4AC	2.86	.07	1.02	2.30	14.0	.48	1.48	3.93	3.32	5.41	.69
	5822	172.4	173.9	1.5 100	4C3	3.49	.20	3.40	3.93	59.0	1.51	2.02	17.10	7.33	19.12	.54
	5823	173.9	175.3	1.4 93	4C3	3.55	.25	.58	.85	14.0	1.44	1.48	19.70	1.43	21.18	.59
	5824	175.3	176.7	1.4 100	4C3	3.52	.33	1.42	1.81	18.0	1.10	1.40	20.90	3.23	22.30	.56
	5825	176.7	178.1	1.4 100	4C3	3.64	.27	.37	.84	18.0	1.51	1.73	24.10	1.21	25.83	.69

84/1C/30

GRUM DATABASE - QUIZ REPORT

PAGE 2

DCH	SAPPL	RCKK UNIT	NCRMATIVE MINERALS - WEIGHT %						OTHER	*	NCRMATIVE MINERALS - VOLUME %						OTHER
			CPY	GA	SP	PO	PY	BAR			CPY	GA	SP	PC	PY	BAR	
FAGA2C8	5801	4C3	1.13	3.93	4.47	12.30	45.16		33.01	*	1.05	2.04	4.36	10.44	35.25		46.86
	5802	4L2	.26	.16	.04	2.36	7.61		89.56	*	.18	.06	.03	1.48	4.39		93.86
	5803	4C3	.66	1.25	1.10	6.32	35.48		55.18	*	.54	.57	.95	4.72	24.36		68.87
	5804	4C3	.58	2.77	2.56	4.97	54.84		34.28	*	.54	1.44	2.50	4.21	42.74		48.59
	5805	4L2	.17	.96	.64	2.69	23.01		72.53	*	.13	.40	.50	1.83	14.43		82.70
	5806	4CC4	.52	7.74	12.37	3.51	38.71		37.15	*	.47	3.93	11.78	2.90	29.48		51.44
	5807	4C4	.64	6.70	12.97	5.05	69.03		5.62	*	.71	4.21	15.27	5.17	65.02		9.62
	5808	4G4	.14	6.81	18.34	1.04	36.34		37.32	*	.13	3.42	17.24	.85	27.33		51.04
	5809	4G4	.29	5.43	11.29	2.45	22.80		57.75	*	.23	2.44	9.50	1.80	15.35		70.69
	5810	4G4	.14	6.58	12.27	1.48	17.42		62.11	*	.11	2.89	10.10	1.06	11.47		74.37
	5811	4E4	.69	3.93	6.71				88.67	*							
	5812	4AC	.20	1.25	3.77				94.78	*							
	5813	4A0	.23	.59	1.21				97.97	*							
	5814	4A0	.20	.79	1.83				97.18	*							
	5815	4AC	.20	1.10	2.91				95.79	*							
	5816	4AC	.20	.91	1.79				97.20	*							
	5817	4AC	.14	.73	1.86	2.89	7.31		87.06	*	.10	.28	1.36	1.83	4.26		92.17
	5818	4AC	.20	.75	1.60	2.34	10.39		84.72	*	.14	.29	1.17	1.50	6.12		90.77
	5819	4A0	.20	1.34	2.85	2.14	8.32		85.15	*	.14	.52	2.09	1.37	4.89		90.99
	5820	4A0	.14	.36	.85	2.09	7.10		85.46	*	.10	.14	.61	1.31	4.09		93.75
	5821	4AC	.20	1.18	3.43	2.33	8.45		84.41	*	.14	.46	2.52	1.49	4.98		90.40
	5823	4C3	.58	3.93	5.86	3.18	36.77		45.69	*	.49	1.85	5.19	2.45	26.04		63.98
	5824	4C3	.72	.67	1.27	2.33	42.36		52.65	*	.60	.31	1.10	1.76	29.52		66.70
	5825	4C3	.95	1.64	2.70	2.20	44.95		47.56	*	.81	.78	2.42	1.72	32.24		62.03
	5826	4C3	.78	.43	1.25	2.72	51.83		42.99	*	.68	.21	1.15	2.18	38.18		57.59

DRILL HOLE : FAGA208
NORTHING : 904,826.9
EASTING : 592,313.9
ELEVATION : 1,278.1'
TOTAL DEPTH : 224.6
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 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

CDR: SACAZOR ITEM-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	ASSAYS														
FROM	TO				S.G. PULP	CU %	FE %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TCT FE	BAO %	HG %	MN %	AS %	BA %
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	4G4	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	19.00		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	.50	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				

SPUR

UTM-Y: 5170000 YS (0100)

PAGE: 1

CDR: FAGAZUS UTM-N: 904327.9 UTM-E: 550737.9 UTM-ELEV: 1273.1 TOTAL DEPTH: 204.5 SECTION: W 70
RFF: S2 RFE DIR: 250 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	120.000	0.000
70.200	157.000	101.000
100.700	160.000	103.000
137.200	164.000	103.000
167.400	162.000	110.000
193.100	152.000	89.000

UTM-N: 204,826.9 UTM-E: 592,813.9 UTM-ELEV: 1,272.1 TOTAL DEPTH: 224.5 SECTION: W 70
 RFE: 32 RFE DIP: 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	500		0.5-	1
76.0	0003	500	(504* (4L33))	0.5-	1
76.7	0004	4L0	MINOR PY. PO. STRINGERS	0.5-	1
77.6	0005	403	(4L0) GOUGE	0.5-	1
78.4	0006	4L2	4 MINOR	0.5-	1
81.0	0007	403	(4L0) MINOR	0.5-	1
82.7	0008	4L2	4 MINOR	0.5-	1
83.1	0009	400		0.5-	1
83.5	0010	404		0.5-	1
84.2	0011	404		0.5-	1
88.4	0012	404	(404) (400) 35:5:10	0.5-	1
92.3	0013	4L0	-> (580) (5A0) TR	0.5-	1
90.7	0014	500		0.5-	1
101.8	0015	500	(504*) (500)	0.5-	1
109.4	0016	500	(504*)	0.5-	1
110.0	0017	500		0.5-	1
114.9	0018	500		0.5-	1
115.6	0019	500		0.5-	1
118.2	0020	500		0.5-	1
119.7	0021	500		0.5-	1
120.2	0022	500		0.5-	1
121.0	0023	500		0.5-	1
125.5	0024	500		0.5-	1
126.4	0025	4E4	BXA	0.5-	1
127.7	0026	500	(4E0) TR.	0.5-	1
130.0	0027	500		0.5-	1
131.2	0028	500		0.5-	1
132.5	0029	500		0.5-	1
134.9	0030	500		0.5-	1
138.3	0031	500		0.5-	1
140.3	0032	500	(5862)	0.5-	1
156.1	0033	4A0	BXA	0.5-	1
157.9	0034	4L2	(4L12) (5B0) (4AC) BCTH MINOR	0.5-	1
159.7	0035	4AC		0.5-	1
160.2	0036	500		0.5-	1
161.7	0037	500	?	0.5-	1
166.7	0038	500		0.5-	1
169.5	0039	500	?	0.5-	1
170.2	0040	500		0.5-	1
171.3	0041	4L2	(4L32)	0.5-	1
172.4	0042	500	?	0.5-	1
172.9	0043	403		0.5-	1
173.1	0044	403	BXA	0.5-	1
182.0	0045	5A0	-> 582	0.5-	1
185.1	0046	404	(4C7)	0.5-	1
185.7	0047	1000		0.5-	1
220.1	0048	500		0.5-	1
221.4	0049	500	(586) TR	0.5-	1
223.3	0050	500		0.5-	1
223.8	0051	1000		0.5-	1

UTM-N: 9047 22.9

UTM-E: 5927313.9

PAGE: 1

COH: FAGA203 UTM-ELEV: 1227.1 TOTAL DEPTH: 224.6 SECTION: W 70

RFE: 02 RFE DIR: 230 PLUNGE ANGLES: 11 312 QHD CALC: 1 SS CALC: 1

DEPTH	UNIT	COEF	DESC	RECOVERY	IMS
224.6	QC52	536		0.5-	1

UTM-N: 004,024.0 UTM-E: 592,313.9 UTM-ELEV: 1,278.1 TOTAL DEPTH: 224.6 SECTION: W 70
 RFE- S? RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	SC	ANGLE	DIRECT	S1	ANGLE	DIRECT	S2	ANGLE	DIRECT	RFE	CDE	DHCC	SDC	PROCESS
FAGA208	0.0	70.3	PS2			0	0	0	0		65	230		C		1	1	1
FAGA208	67.1	70.5	PS2	P		0	0	0	C		0	C		C		1	1	1
FAGA208	0.0	73.1	CS2			C	0	0	C		53	230		C		1	1	1
FAGA208	70.5	74.9	CS2	S		0	0	0	C		0	C		C		1	1	1
FAGA208	0.0	75.5	PS2			0	0	0	C		71	230		C		1	1	1
FAGA208	0.0	81.6	PS2			C	C	0	C		65	230		C		1	1	1
FAGA208	0.0	89.4	PS2			0	C	0	C		50	230		C		1	1	1
FAGA208	0.0	94.9	PS2			0	0	0	0		12	230		C		1	1	1
FAGA208	0.0	97.2	PS2			0	0	C	C		50	230		C		1	1	1
FAGA203	74.9	98.7	PS2	P		C	0	0	C		0	0		0		1	1	1
FAGA208	0.0	100.4	CS2			0	C	0	C		48	230		C		1	1	1
FAGA208	0.0	105.2	CS2			0	C	0	C		56	230		C		1	1	1
FAGA208	98.7	105.8	CS2	S		0	C	0	C		0	C		C		1	1	1
FAGA208	105.8	107.1	PS2	P		0	0	C	C		0	C		C		1	1	1
FAGA208	0.0	107.9	CS2			C	0	0	C		57	230		C		1	1	1
FAGA208	0.0	116.7	CS2			C	0	0	C		50	230		C		1	1	1
FAGA208	107.1	119.3	CS2	S		C	0	0	C		0	0		C		1	1	1
FAGA208	0.0	123.4	PS2			C	0	0	C		48	230		C		1	1	1
FAGA203	0.0	126.5	PS2			0	C	0	C		40	230		C		1	1	1
FAGA208	119.3	129.2	PS2	P		0	0	0	C		0	0		C		1	1	1
FAGA208	0.0	132.2	CS2			C	0	C	C		61	230		C		1	1	1
FAGA208	0.0	133.7	CS2			0	C	0	C		70	230		C		1	1	1
FAGA208	129.2	135.8	CS2	M		0	0	0	C		0	0		C		1	1	1
FAGA208	0.0	139.1	PS2			0	0	0	C		65	230		C		1	1	1
FAGA208	135.8	141.2	PS2	P		0	0	0	C		0	C		C		1	1	1
FAGA208	0.0	144.0	CS2			C	C	0	C		57	230		C		1	1	1
FAGA208	0.0	149.2	CS2			0	0	0	C		63	230		C		1	1	1
FAGA208	0.0	155.9	CS2			0	C	0	C		41	230		C		1	1	1
FAGA208	141.2	156.1	CS2	M		0	0	0	C		0	0		C		1	1	1
FAGA208	0.0	160.5	PS2			0	C	0	C		54	230		C		1	1	1
FAGA208	156.1	161.7	PS2	P		0	0	0	C		0	0		C		1	1	1
FAGA208	0.0	163.8	CS2			0	C	0	0		75	230		C		1	1	1
FAGA208	161.7	164.0	CS2	Z		0	0	0	C		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	C		73	230		C		1	1	1
FAGA208	0.0	188.6	PS2			C	0	0	C		31	230		C		1	1	1
FAGA205	0.0	199.2	PS2			C	0	0	C		34	230		C		1	1	1
FAGA208	164.0	202.2	PS2	P		0	C	0	0		0	C		C		1	1	1
FAGA208	0.0	203.7	CS2			C	0	0	C		39	230		C		1	1	1
FAGA208	0.0	210.0	CS2			0	C	0	C		54	230		C		1	1	1
FAGA208	0.0	214.3	CS2			0	0	0	0		33	230		C		1	1	1
FAGA208	0.0	219.7	CS2			0	0	C	C		40	230		C		1	1	1
FAGA208	202.2	221.4	CS2	Z		0	C	C	C		0	C		C		1	1	1
FAGA208	0.0	223.9	PS2			0	0	0	C		27	230		C		1	1	1
FAGA208	221.4	224.6	PS2	P		0	0	C	0		0	0		C		1	1	1

JOB: FAGAZ08 UTM-N: 904322.9 UTM-E: 9927313.4 UTM-ELEV: 1277.1 TOTAL DEPTH: 204.0 SECTION: W 70
 RFE: 02 RFE DIR: 250 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DBH	F DEPTH	T DEPTH	FEAT	REC	CD	PARLL	UPPER PLANE	INTERNAL PLANE	LOWER PLANE	DHC	
FAGA208	75.4	76.6	S				C	0	C	0	1
FAGA208	77.2	77.6	X				C	0	C	0	1
FAGA208	78.7	78.9	X?				C	0	C	0	1
FAGA208	81.6	82.7	1S				C	0	C	0	1
FAGA208	82.7	83.0	X?				C	0	C	0	1
FAGA208	85.6	85.8	X?				C	0	C	0	1
FAGA208	86.6	88.0	X?				C	0	C	0	1
FAGA208	88.4	90.9	XG				C	0	C	0	1
FAGA208	92.2	92.3	G				C	0	C	0	1
FAGA208	92.3	93.0	S				C	0	C	0	1
FAGA208	93.0	98.7	1S				C	0	C	0	1
FAGA208	101.9	102.0	G				C	0	C	0	1
FAGA208	105.3	108.8	G				C	0	C	0	1
FAGA208	109.8	109.9	G				C	0	C	0	1
FAGA208	110.0	114.0	G				C	0	C	0	1
FAGA208	115.6	118.2	2S				C	0	C	0	1
FAGA208	119.7	120.2	1X				C	0	C	0	1
FAGA208	121.0	121.1	S				C	0	C	0	1
FAGA208	122.3	122.5	X				C	0	C	0	1
FAGA208	122.8	123.0	G				C	0	C	0	1
FAGA208	124.0	125.5	G				C	0	C	0	1
FAGA208	126.4	128.8	S				C	0	C	0	1
FAGA208	140.2	140.3	G				C	0	C	0	1
FAGA208	140.3	141.2	X				C	0	C	0	1
FAGA208	142.6	143.9	S				C	0	C	0	1
FAGA208	153.4	153.5	G				C	0	C	0	1
FAGA208	154.4	154.7	G				C	0	C	0	1
FAGA208	157.9	159.7	RP	1			C	0	C	0	1
FAGA208	160.2	161.7	G				C	0	C	0	1
FAGA208	165.7	169.5	G				C	0	C	0	1
FAGA208	171.5	172.4	G				C	0	C	0	1
FAGA208	173.9	174.1	X				C	0	C	0	1
FAGA208	174.7	174.9	X				C	0	C	0	1
FAGA208	178.3	178.6	X				C	0	C	0	1
FAGA208	182.0	185.1	P	1			C	0	C	0	1
FAGA208	190.2	190.6	S				C	0	C	0	1
FAGA208	195.9	197.0	S				C	0	C	0	1

FORM 1-64 (REV. 1-64)

ADATOR HYMEN. 004,004.0 UTM-F: 502,817.0 UTM-ELEV: 1,271.1 TOTAL LENGTH: 274.0 LITCH: W 70
PFE: S2 PFE DIR: 230 PLUNGE ANGLES: 11 312 DMC CALC: 1 00 CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGA208	1	2
FAGA208	2	2
FAGA208	3	2
FAGA209	4	2
FAGA203	5	2
FAGA206	6	1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 80-A208

Project: GLUM

Location: VANGORDA PLATEAU

Claim: _____

Terr. Plane
Co-ords.: 6904826.884 N

592313.869 E

Grid
Co-ords.: F0W/B4

Elevation: 1279.118

Total Depth: 224.6 m

Purpose: _____

Logged by: PN

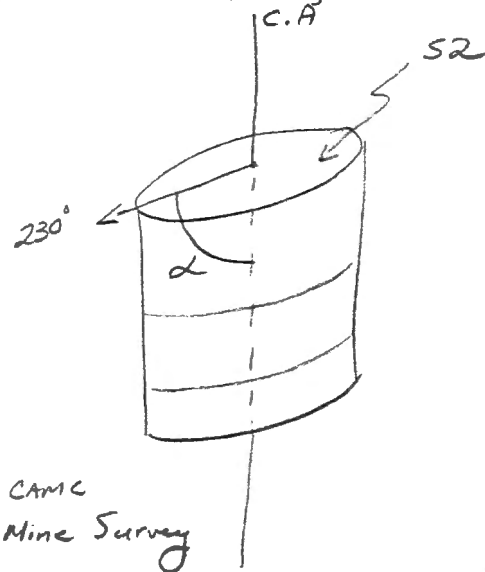
Date(s) Logged: NOV 10, 11 / 80

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

NQ 0 604

Started: _____ Completed: _____

Fabric Orientation Diagram:



All symmetry determinations looking

NW with S2 dipping

SW with dip azimuth 230.

Lithologic Log

Code	From	To	Unit	Code	Description
1	10	14 16	20	22 23 25 27	
L	100	1671	11		o/B ticoned;
L	1671	1734	12	5B16	minn by blebs; calc. tension gash fillings;
L	1734	1760	13	5D10	buff-coloured 5D4 (4L3?) 73.4-73.8m, 75.8-76.0m; w/ manposite # chl. blebs 75.6-75.8m; minn py po blebs;
L	1760	1767	14	4L40	minn py po shudgers; sheared 76.4-76.6m;
L	1767	1776	15	4C0	w/ minn py po 4C0 interbands; brecciated w/ 4C0 clasts in calc-gtz matrix 77.2-77.6m;
L	1776	1784	16	4L2	minn (1%) PbZn;
L	1784	1816	17	4C0	minn 4C0 interbands; brecciated 78.7-78.8m; as unit 5;
L	1816	1827	18	4L2	as unit 6; few minn shear zones (usually near thick 4C0 interbands);
L	1827	1831	19	4C0	brecciated 82.7-83.0m (qtzitic matrix); minn PbZn;
L	1831	1835	10	4G4	10% PbZn; honey-coloured sph;
L	1835	1842	11	4D4	5% PbZn; orange-coloured sph;
L	1842	1884	12	4G4	8% PbZn; 4D4 84.3-84.5m; brecciated, vuggy 4C0 w/ calc. mg n fillings 85.6-85.8m; 4C0 86.0-86.3m; brecciated 86.8-88.0m;
L	1884	1923	13	4L40	w/ 5B6 interbands; 5A0 90.0-90.1m; breccia # gouge 88.4-90.9m; gouge 92.2-92.3m; 4L21 92.1-92.2m;
L	1923	1987	14	5B0	sheared 92.5-93.0m; other minn shear zones;
L	1987	11018	15	5B8	5D4 100.6-100.7, 100.8-100.9m; 5D0 (massive) 100.7-100.8m;
L	11018	11094	16	5B0	5D4 (massive, blocky) 102.4-102.5m; calcareous tension gash fillings; gouge 101.9-102.0m; 108.3-108.8m;
L	11094	11100	17	5D0	gouge 109.9-109.9m.
L	11100	11149	18	5B0	gouge
L	11149	11156	19	5B0	as unit 11;
L	11156	11182	20	5D0	sheared in scattered areas (60% shear);
L	11182	11197	21	5D0	5F: massive; lighter, altered colour towards E0H;
L	11197	11202	22	5B8	somewhat brecciated;

Lithologic Log

Code	From	To	Unit	Code	Description
	10 14 16	20 22 23	25 27		
L	11210	11211	023	5B0	calc. tension gash fillings
L	11210	11255	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	4E10	brecciated w/ py. & graphitic clasts
L	11264	11277	26	5A16	minor py bands; sheared; minor 4E10 at 125.5 m
L	11277	11300	27	5B2	sheared 127.7 - 128.8 m
L	11300	11312	28	5A16	as unit 26
L	11312	11325	29	5B10	
L	11325	11349	30	5B8	
L	11349	11383	31	5D10	
L	11383	11403	32	5B16	5B62; calc. & gte band - 139.8 - 140.2 m
					gouge 140.2 - 140.3 m
L	11403	11561	33	4A3	brecciated w/ gte-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 - 154.9 m
L	11561	11579	34	4L2	4L2; minor 5B0 interbands 4A0 157.4 - 157.6 m
L	11579	11597	35	4A3	pebbles; poor recovery - 0.3/1.8 m
L	11597	11610	36	5B10	few gte veins; minor py bands
L	11610	11617	37	5B10	gouge
L	11617	11616	38	5B0	as unit 36
L	11616	11619	39	5B10	gouge
L	11619	11702	40	5B16	
L	11702	11713	41	4L2	4L32
L	11713	11724	42	5B16	gouge 171.5 - 172.4 m; minor py blebs
L	11724	11729	43	4D4	15% PbZn
L	11729	11781	44	4E10	brecciated 173.9 - 174.1 m; 174.7 - 174.9 m (4E10 clasts & graphitic matrix)
L	11781	11820	45	5A10	slightly calcareous; → 5B2 towards EOH; brecciated 178.3 - 178.6 m; PbZn band at 178.3 m (0.5 cm thick)
L	11820	11851	46	4D4	4E7 185.0 - 185.1 m; 15-20% PbZn; poor recovery 0.3/3.1 m
L	11851	11857	47	4E10	

Structural Log

Logged By: PN

Code	From				To				Feature	SYM	S ₁		S ₂		Description
	1	10	14	16	20	22	24	26			28	32	34	38	
S					703	PSZ					65	230			
S					705	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									E sym. 161.7 - 164.0m;

DDH FAGAZ08
2 8

Cyprus Anvil Mining Corp.

Page _____ of _____

Structural Log

Date: _____ Logged By: _____

Code	From		To		Feature	S ₀ Dip Direct.	S ₁ Dip Direct.	S ₂ Dip Direct.	Description					
	10	14	16	20						22	24	26	28	32
F	764		766		S									
F	772		776		X									
F	787		788		X?									
F	816		827		S									
F	827		830		X?									
F	856		858		X?									
F	858		880		X?									
F	884		909		YG									
F	922		923		G									
F	923		930		S									
F	930		987		S									
F	11019		11020		G									
F	11083		11088		G									
F	11098		11099		G									
F	11100		11149		S									
F	11156		11182		ZS									
F	11197		11202		X									
F	11223		11225		X									
F	11210		11211		G									
F	11228		11230		G									
F	11246		11255		G									
F	11264		11288		S									
F	11402		11403		G									
F	11403		11412		X									
F	11426		11439		S									
F	11534		11535		G									
F	11544		11547		G									
F	11579		11597		RIP									
F	11602		11617		G									
F	11667		11695		G									
F	11715		11724		G									
F	11739		11741		X									
F	11747		11749		X									
F	11783		11786		X									
F	11820		11851		P									
F	11902		11906		S									
F	1959		1970		S									

DDH: FAGA208 -- 42 DEGREE PROFILE

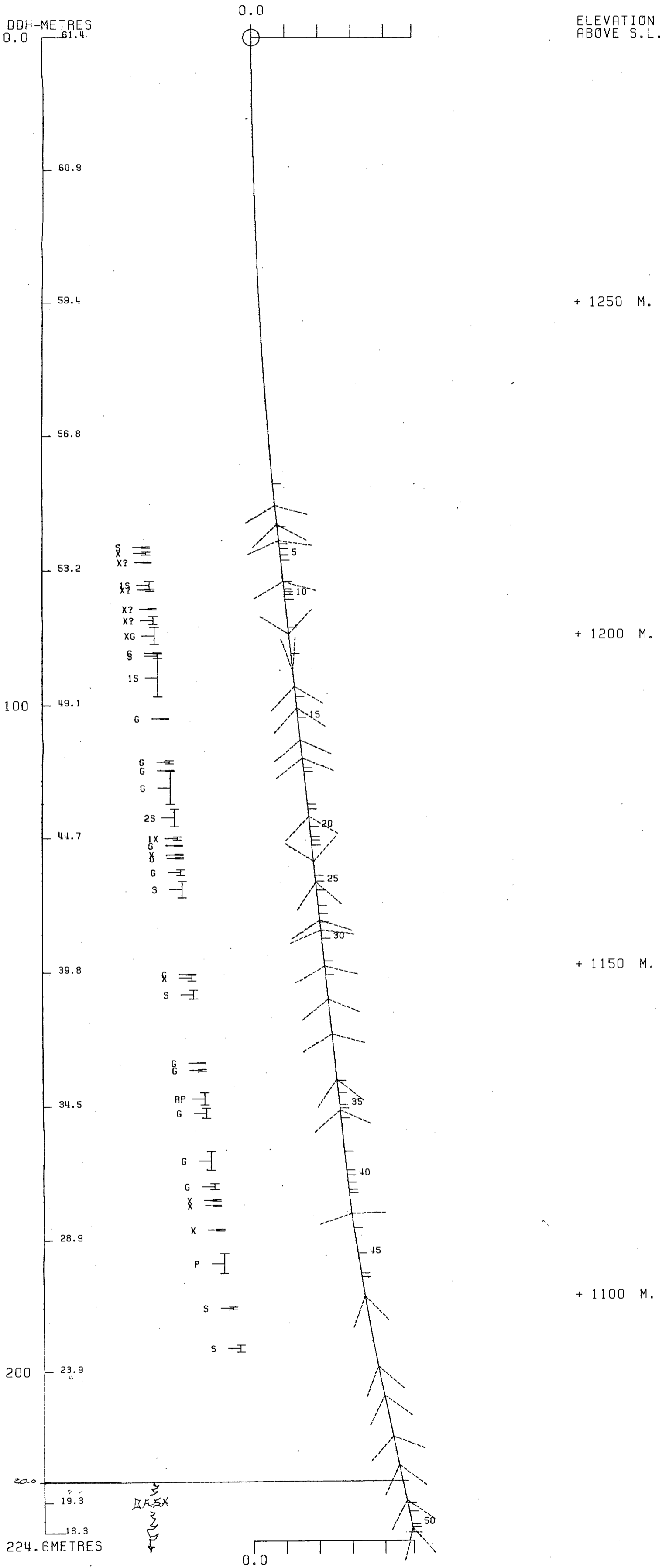
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1278 592314E ; 904827N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 383.0 Z = 1290.0

SECTION NAME: 68W



DDH: FAGA208 -- 42 DEGREE PROFILE

(VIEW AZIMUTH = 312 DEGREES)

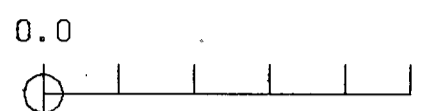
ELEV:1278 592314E ; 904827N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

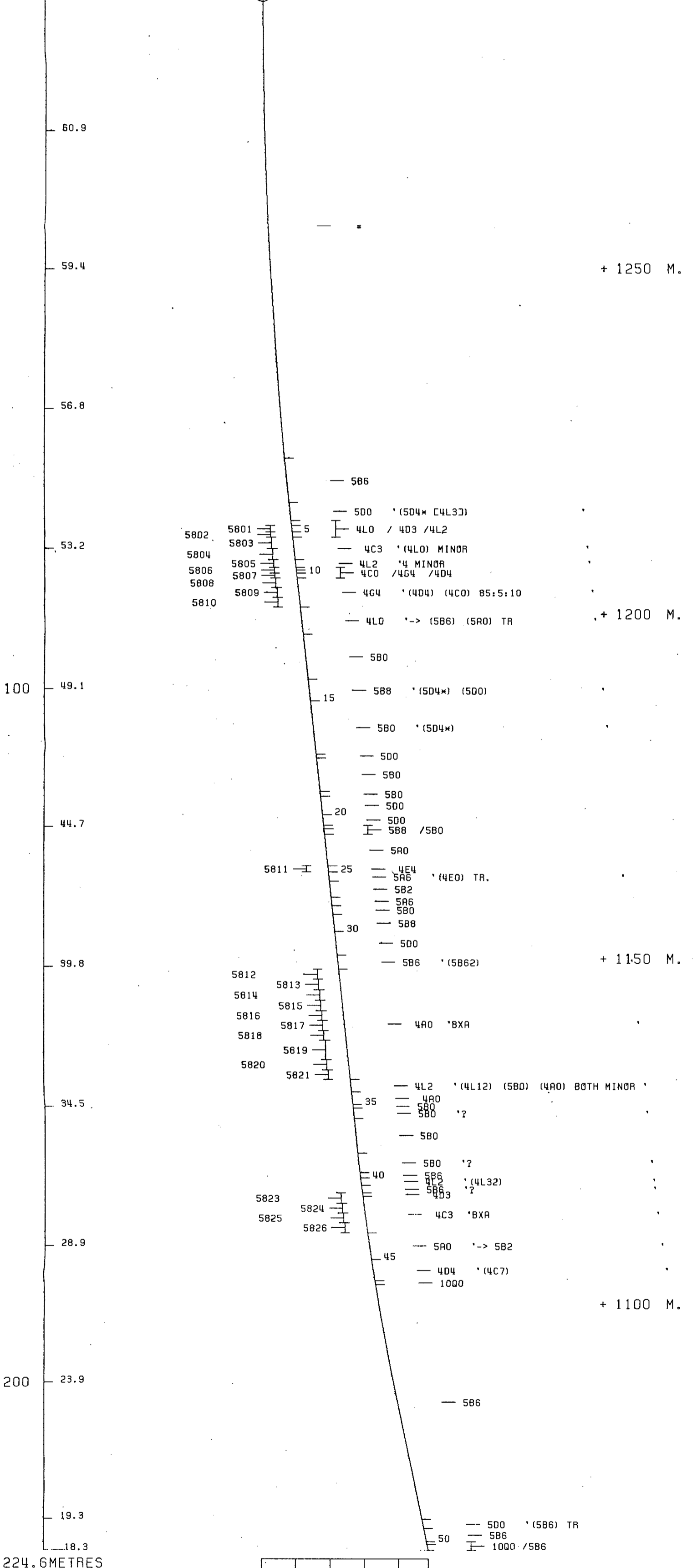
CORRECTED COLLAR POSITION: X = 383.0 Z = 1290.0

SECTION NAME: 68W

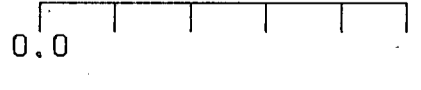
DDH-METRES
0.0 61.4



ELEVATION
ABOVE S.L.



224.6 METRES



FAGA 216

84/10/16

GRUM DATABASE - QUIZ REPORT

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DDM	SAMPLE	---DEPTHS---		INT M	REC %	ROCK UNIT	S.G.	CU %	PB %	ZN %	AG G/MT	AU G/MT	PO %	PY %	BAD %	PB+ZN %	PO+PY %	ZN RATIO
		FROM	TO															
FAGA216	12331	175.9	176.7	.8	87	4E18		.28	1.23	.99	27.0					2.22		.45
	12332	176.7	177.9	1.2	92	4LE		.26	1.17	.68	22.0					1.85		.37
	12333	188.3	189.6	1.3	92	4C7*		.07	.49	.51	15.0					1.00		.51
	12334	190.7	191.3	.6	100	4C68	4.02	.30	1.16	.93	26.0	1.58	7.91	24.60		2.09	32.51	.44
	12335	191.3	193.4	2.1	95	4C8*	3.90	.30	2.13	2.60	31.0	.82	11.10	18.40		4.73	29.50	.55
	12336	193.4	194.7	1.3	92	4E6*	4.05	.36	3.30	3.10	46.0	.96	10.36	18.80		6.40	29.16	.48
	12337	194.7	195.5	.8	100	408*	3.81	.23	2.50	2.90	37.0	.96	9.30	18.00		5.40	27.30	.54
	12338	195.5	196.6	1.1	91	4E6*	3.62	.32	.88	.70	22.0	.82	7.77	17.80		1.58	25.57	.44
	12339	196.6	197.3	.7	100	5A19	2.92	.08	.21	.14	10.0	.41	1.39	2.45		.35	3.84	.40
	12340	197.3	199.4	2.1	95	4E1*	3.00	.25	1.44	1.41	29.0	.75	10.26	20.10		2.85	30.36	.49
	12341	199.4	201.5	2.1	95	4E1*	3.65	.22	1.11	1.10	19.0	.89	8.32	16.60		2.21	24.92	.50
	12342	201.5	204.0	2.5	92	4E1*	3.94	.19	2.80	2.40	34.0	.69	8.65	17.80		5.20	26.45	.46
	12343	204.0	205.7	1.7	94	4EL	3.45	.14	1.21	.71	20.0	.75	4.09	14.70		1.92	18.79	.37
	12344	205.7	207.4	1.7	94	4A1	3.19	.17	.21	.26	8.0	.96	2.91	12.90		.47	15.81	.55
	12345	207.4	208.4	1.0	90	4E6*	3.94	.18	1.45	1.45	25.0	.96	6.12	23.30		2.90	29.42	.50
	12346	208.4	208.8	.4	100	4L48	3.38	.17	1.96	1.71	28.0	.89	5.79	11.10		3.67	16.89	.47
	12347	208.8	209.5	.7	86	4E16	3.82	.17	3.30	3.20	43.0	.89	7.55	18.40		6.50	25.95	.49
	12348	209.5	211.4	1.9	95	4E8*	3.85	.34	1.47	1.20	25.0	.82	8.40	22.50		2.67	30.90	.45
	12349	211.4	212.1	.7	100	4C78	3.9C	.35	.80	.56	18.0	.89	13.05	20.60		1.36	33.65	.41
	12350	215.3	215.8	.5	100	4G8#	3.86	.25	1.10	.80	19.0	.41	10.10	22.90		1.90	33.00	.42
	12351	216.4	217.7	1.3	92	4E16		.21	.96	.58	18.0					1.54		.38
	12352	219.0	220.3	1.3	92	4G+8		.34	.80	.52	15.0					1.32		.39
	12353	220.3	221.7	1.4	100	4G+8		.24	.92	.38	16.0					1.30		.29
	12354	222.2	224.1	1.9	95	4E16		.21	1.24	1.17	21.0					2.41		.49
	12355	224.1	224.6	.5	80	4L4		.14	.33	.36	10.0					.69		.52
	12356	224.6	225.1	.5	100	4EL		.22	.26	.33	7.0					.59		.56
	12357	225.1	226.6	1.5	93	4A13	4.53	.25	2.01	1.75	36.0	.55	8.10	20.10		3.76	28.20	.47
	12358	226.6	228.1	1.5	93	4A13	4.53	.25	2.01	1.75	36.0	.55	8.10	20.10		3.76	28.20	.47
	12359	228.1	228.6	.5	80	4G48	3.66	.26	2.80	4.10	45.0	.62	3.97	11.80		6.90	15.77	.59
	12360	235.8	236.6	.8	100	4C0	3.35	.21	1.08	1.17	19.0	.41	4.86	12.00		2.25	16.86	.52
	12361	237.1	237.7	.6	100	4G4	4.18	.13	6.50	6.40	94.0	.96	2.80	16.70		12.90	19.50	.50
	12362	237.7	239.7	2.0	95	4A1	3.28	.24	.31	.27	9.0	.69	1.81	16.10		.58	17.91	.47
	12363	239.7	240.6	.9	89	4A1	3.23	.16	1.21	1.13	17.0	.48	4.29	11.50		2.34	15.79	.48
	12364	240.6	241.9	1.3	100	4A1	3.25	.19	.16	.22	7.0	.69	2.65	13.80		.38	16.45	.58
	12365	241.9	243.0	1.1	91	4A1	3.37	.14	2.13	2.80	33.0	.75	1.93	15.30		4.93	17.23	.57
	12366	243.0	243.8	.8	88	4E1	4.14	.14	.36	.26	14.0	1.17	3.60	29.90		.62	33.50	.42
	12367	243.8	244.3	.5	80	4C3	3.61	.22	1.55	.41	32.0	.89	2.98	17.20		1.96	20.18	.21
	12368	244.3	246.3	2.0	95	4C83	3.43	.20	1.18	.87	22.0	.55	6.52	12.40		2.05	18.92	.42
	12369	246.3	247.4	1.1	91	4E16	3.65	.22	.76	.73	18.0	.82	8.68	16.90		1.49	25.58	.49
	12370	247.4	249.3	1.9	95	4E1	3.11	.13	.58	.61	12.0	.21	5.18	9.10		1.19	14.28	.51
	12371	261.5	262.9	1.4	100	5A19		.01	.02	.03	4.0					.05		.60
	12372	262.9	264.3	1.4	93	5A19		.01	.01	.03	4.0					.04		.75
	12373	265.3	266.8	1.5	93	5A19		.01	.01	.01	5.0					.02		.50
	12374	266.8	268.2	1.4	100	5A19		.01	.01	.02	4.0					.03		.67
	12375	362.2	364.4	2.2	95	4L4		.03	.19	.40	5.0					.59		.68
	12376	364.4	366.6	2.2	95	4L4		.01	.01	.03	4.0					.04		.75

DRILL HOLE : FAGA216
NORTHING : 904,709.2
EASTING : 592,288.5
ELEVATION : 1,273.8
TOTAL DEPTH : 429.1
SECTION : W 68
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
CHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS CRE-SAMPLES: 46
NOS DOWN-H-SURVEYS: 6
NOS DOWN-H-LITHCLOGY: 119
NOS DOWN-H-STRUCTURE: 126
NOS DOWN-H-FAULTS: 47
NOS DOWN-H-SPLINES: 6
NOS COMPOSITES: 0

21FEB84 GRUM

DOWN-HOLE SURVEYS (DHO20)

PAGE: 18

DDH: FAGA216 UTM-N: 904,709.2 UTM-E: 592,288.5 UTM-ELEV: 1,273.8 TOTAL DEPTH: 429.1 SECTION: W 68
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	70.000
121.900	173.500	57.000
304.800	167.500	75.000
365.800	167.000	87.000
426.700	168.000	66.000

DDH: FAGA216 UTM-N: 9C4,709.2 UTM-E: 592,288.5 UTM-ELEV: 1,273.8 TOTAL DEPTH: 429.1 SECTION: W 68
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
20.1	OC01	#		0.5-	1
26.4	OC02	5B62		0.5-	1
35.1	OC03	5B6	80 (5A6) MINOR	0.5-	1
38.2	OC04	5A6	80	0.5-	1
49.1	OC05	5B6	8C (10Q0) MINOR	0.5-	1
49.6	OC06	5B62	89	0.5-	1
52.2	OC07	5B6	[5B35]	0.5-	1
53.4	OC08	5A19	(4A0) T.O.I.	0.5-	1
58.1	OC09	5C3		0.5-	1
61.5	OC10	5B0		0.5-	1
62.2	OC11	5C3		0.5-	1
72.2	OC12	5B6	(5C3) MINOR C.O.I.	0.5-	1
73.9	OC13	5B3	82	0.5-	1
78.6	OC14	5B6	82 80	0.5-	1
90.6	OC15	5B62	(5A6) 90:10	0.5-	1
109.2	OC16	5A6	8C (5A19)	0.5-	1
113.2	OC17	5B3	(5A3)	0.5-	1
114.5	OC18	5A6	80	0.5-	1
116.1	OC19	5A3	(5D3)	0.5-	1
127.4	OC20	5A1	89 (5D0 & 1 89) MINOR	0.5-	1
128.5	OC21	5D0	.	0.5-	1
129.5	OC22	5A6		0.5-	1
132.4	OC23	5A19	(5A61) T.O.I. -> 4AC	0.5-	1
146.2	OC24	5A10	(5D0)	0.5-	1
151.7	OC25	5B6		0.5-	1
154.3	OC26	5B20		0.5-	1
156.9	OC27	5A3	(5B3) GOUGE	0.5-	1
157.9	OC28	5A6	(5D0) MINOR	0.5-	1
160.3	OC29	1CQ0	(5A0) 80:20	0.5-	1
161.6	OC30	5A90	(5D0) 92:08	0.5-	1
162.7	OC31	5A61	89	0.5-	1
171.8	OC32	5A61	9 (5B629) GOUGE	0.5-	1
175.9	OC33	5B62	81 89 "WEASEL ROCK"	0.5-	1
176.7	OC34	4E18	(4H14) (4L0)	0.5-	1
177.3	OC35	4L14		0.5-	1
177.9	OC36	4E17	8 (4L)	0.5-	1
179.5	OC37	4L7		0.5-	1
181.0	OC38	5A69	(4L7)	0.5-	1
184.7	OC39	5A6	(10Q#)	0.5-	1
187.0	OC40	5B62	(10Q*) MINOR	0.5-	1
188.3	OC41	5A3	(10Q*) MINOR T.O.I.	0.5-	1
189.6	OC42	4C7*	(5A6) (4L0) (10QC)	0.5-	1
190.7	OC43	5A19	(4L7)	0.5-	1
191.3	OC44	4C68	* 3 (4E8) [4E168 (4E8)]	0.5-	1
193.4	OC45	4C83	9* (4E8) 80:20 [4E189* (4E8)]	0.5-	1
193.8	OC46	4G41	8#	0.5-	1
194.7	OC47	4E14	8*	0.5-	1
195.5	OC48	4C83	9*	0.5-	1
196.6	OC49	4E6	8* (4L0) (4C0)	0.5-	1
197.3	OC50	5A19	(4E4) (5B4) 43:14:43	0.5-	1
201.5	OC51	4E1	68* (4D4) (4LC) MINOR	0.5-	1

DDH: FAGA216 UTM-N: 9C4,7C9.2 UTM-E: 592,288.5 UTM-ELEV: 1,273.8 TOTAL DEPTH: 429.1 SECTION: W 68
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
204.0	OC52	4E14	8*	0.5-	1
204.8	OC53	4L14		0.5-	1
205.7	0054	4E64	8* (4L*) 90:10	0.5-	1
207.4	0055	4A1	(4L1*) 75:25	0.5-	1
208.4	OC56	4E64	8* (4D48) 80:20	0.5-	1
208.8	OC57	4L48	(4E8) C.O.I.	0.5-	1
209.5	OC58	4E16	48#	0.5-	1
211.4	OC59	4E8*	(10Q*)	0.5-	1
212.1	OC60	4C78	3[4E178]. (4HC) E.O.I. 85:15	0.5-	1
215.3	OC61	5A19	(10Q*) (5D0) 91:06:03	0.5-	1
215.8	OC62	4GE	# (4EC) E.O.I. (4L1)	0.5-	1
216.4	OC63	4L1	(5A0) T.O.I. 85:15	0.5-	1
217.7	OC64	4E16	8*	0.5-	1
219.0	OC65	5A3	81 89 (5D0) E.O.I. 85:15	0.5-	1
221.7	OC66	4G*	81 (4E18)	0.5-	1
222.2	OC67	5AC	(10Q0)	0.5-	1
224.1	OC68	4E16	8# (4L0) (5A0)	0.5-	1
224.6	OC69	4L4		0.5-	1
225.1	OC70	4E8	* (4L4) 40:60	0.5-	1
228.1	OC71	4A13	(4A14) T.O.I.	0.5-	1
228.6	OC72	4G8	(4C3) T.O.I. (5C*4) C.O.I.	0.5-	1
235.8	OC73	5B32	84 (5C3) MINOR C.O.I.	0.5-	1
236.6	OC74	4C0	(4L0)	0.5-	1
237.1	OC75	4L3		0.5-	1
237.7	OC76	4G4	(4E4) E.O.I. 85:15	0.5-	1
239.7	OC77	4A1	(5C4*) MINOR T.O.I.	0.5-	1
240.6	OC78	4A1	(4C0) 90:10	0.5-	1
241.9	OC79	4A1		0.5-	1
243.0	OC80	4A1	(4G4*) 82:18	0.5-	1
243.8	OC81	4E1	(4G4*8)	0.5-	1
244.3	OC82	4C3	(4L0) MINOR E.O.I.	0.5-	1
246.3	OC83	4CE3	(4L0)	0.5-	1
247.4	OC84	4E16	8#	0.5-	1
249.3	OC85	4E1	(4H0)(10Q0)(5A9)SHEARED 50%4EH	0.5-	1
250.0	OC86	5A6	8C 89	0.5-	1
261.5	OC87	5A6	(5A19)	0.5-	1
264.3	OC88	5A19	[4A0]	0.5-	1
265.3	OC89	5A6	(5A19)	0.5-	1
268.2	OC90	5A19	[4A0]	0.5-	1
285.9	OC91	5A6		0.5-	1
288.7	OC92	5A1	89 (5A6)	0.5-	1
302.3	OC93	5A6		0.5-	1
305.6	OC94	5A3	GCUGE	0.5-	1
308.4	OC95	5A6	(5D0) 90:10	0.5-	1
313.9	OC96	5A6	SHEARED	0.5-	1
315.3	OC97	5AC	(5D40)	0.5-	1
318.8	OC98	4LC	87	0.5-	1
324.7	OC99	4L6	(3G8 84)	0.5-	1
331.0	OC100	3GC	88 84	0.5-	1
349.8	OC101	5CC	810	0.5-	1
354.6	OC102	4LC	87	0.5-	1

21FEB84 GRUM

DOWN-HOLE LITHOLOGY (DH020)

PAGE: 21

DCH: FAGA216 UTM-N: 904,709.2 UTM-E: 592,238.5 UTM-ELEV: 1,273.8 TOTAL DEPTH: 429.1 SECTION: w 68
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
362.2	0103	4LC	(3G4) 60:40	0.5-	1
366.6	0104	4L4	81	0.5-	1
367.4	0105	4LA	BIO	0.5-	1
370.1	0106	4LC		0.5-	1
373.2	0107	3GC		0.5-	1
381.1	0108	3EC	86	0.5-	1
389.8	0109	3GC	(3G9 83) (3D3 BIC)	0.5-	1
390.4	0110	10G0		0.5-	1
394.7	0111	5B62	8C	0.5-	1
407.1	0112	5A3	89	0.5-	1
411.0	0113	5A6	80 (5D0)	0.5-	1
417.8	0114	5A3	8C (5D0) (10G0)	0.5-	1
418.9	0115	5A6	GOUGE	0.5-	1
420.0	0116	3D3	(5A6) GOUGE	0.5-	1
425.4	0117	3D3	(4L1) BIO	0.5-	1
427.1	0118	3C6	(10E9)	0.5-	1
429.1	0119	1C0	(4L1)	0.5-	1

DDH: FAGA216 UTM-N: 904,709.2 UTM-E: 592,288.5 UTM-ELEV: 1,273.8 TOTAL DEPTH: 429.1 SECTION: W 68
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	DIRECT	S1 ANGLE	DIRECT	S2 ANGLE	DIRECT	RFE	CDE	DHCC	SDC	PROCESS
FAGA216	0.C	20.9	CS2	Z	0	0	0	0	70	230	C		1	1	1
FAGA216	0.C	27.2	PS2	P	0	0	0	0	30	230	C		1	1	1
FAGA216	0.C	29.5	PS2	P	0	0	0	0	25	230	C		1	1	1
FAGA216	0.C	35.3	CS2	S	0	0	0	0	50	230	C		1	1	1
FAGA216	0.C	38.5	CS2		0	0	0	0	90	230	C		1	1	1
FAGA216	0.C	40.0	CS2	Z	0	0	0	0	75	230	C		1	1	1
FAGA216	0.C	40.5	CS2	E	0	0	0	0	70	230	C		1	1	1
FAGA216	0.C	42.1	CS2	Z	0	0	0	0	60	230	C		1	1	1
FAGA216	0.C	42.8	CS2	Z	0	0	0	0	65	230	C		1	1	1
FAGA216	0.C	46.5	CS2	Z	0	0	0	0	65	230	C		1	1	1
FAGA216	0.C	50.4	CS2	S	0	0	0	0	80	230	C		1	1	1
FAGA216	0.C	53.0	CS2		0	0	0	0	90	230	C		1	1	1
FAGA216	0.0	55.3	PS2	P	0	0	0	0	75	230	C		1	1	1
FAGA216	0.C	59.6	CS2	Z	0	0	0	0	70	230	C		1	1	1
FAGA216	0.C	62.4	CS2	Z	0	0	0	0	70	230	C		1	1	1
FAGA216	0.C	64.2	CS2	E	0	0	0	0	60	230	C		1	1	1
FAGA216	0.C	70.0	CS2	Z	0	0	0	0	75	230	C		1	1	1
FAGA216	0.C	72.3	CS2	S	0	0	0	0	75	230	C		1	1	1
FAGA216	0.C	74.5	CS2	S	0	0	0	0	70	230	C		1	1	1
FAGA216	0.C	78.3	CS2	S	0	0	0	0	75	230	C		1	1	1
FAGA216	0.C	83.1	CS2	E	0	0	0	0	80	230	C		1	1	1
FAGA216	0.C	90.6	PS2	P	0	0	0	0	55	230	C		1	1	1
FAGA216	0.C	100.3	PS2	P	0	0	0	0	75	230	C		1	1	1
FAGA216	0.C	105.4	CS2	Z	0	0	0	0	75	230	C		1	1	1
FAGA216	0.C	110.2	CS2	S	0	0	0	0	75	230	C		1	1	1
FAGA216	0.C	111.6	CS2	E	0	0	0	0	75	230	C		1	1	1
FAGA216	0.C	114.9	CS2	E	0	0	0	0	75	230	C		1	1	1
FAGA216	0.0	117.5	CS2		0	0	0	0	90	230	C		1	1	1
FAGA216	0.C	121.3	CS2		0	0	0	0	90	230	C		1	1	1
FAGA216	0.0	122.9	CS2	S	0	0	0	0	75	230	C		1	1	1
FAGA216	0.C	127.9	CS2	S	0	0	0	0	55	230	C		1	1	1
FAGA216	0.C	130.7	CS2	E	0	0	0	0	70	230	C		1	1	1
FAGA216	0.C	133.8	CS2	S	0	0	0	0	65	230	C		1	1	1
FAGA216	0.0	140.6	CS2	Z	0	0	0	0	75	230	C		1	1	1
FAGA216	0.C	142.1	CS2	S	0	0	0	0	75	230	C		1	1	1
FAGA216	0.C	146.2	CS2	S	0	0	0	0	65	230	C		1	1	1
FAGA216	0.C	146.9	CS2	S	0	0	0	0	60	230	C		1	1	1
FAGA216	0.C	150.3	CS2	S	0	0	0	0	75	230	C		1	1	1
FAGA216	0.C	151.9	CS2	E	0	0	0	0	70	230	C		1	1	1
FAGA216	0.C	153.7	CS2	S	0	0	0	0	70	230	C		1	1	1
FAGA216	0.C	157.9	CS2	E	0	0	0	0	75	230	C		1	1	1
FAGA216	0.C	159.9	CS2	Z	0	0	0	0	75	230	C		1	1	1
FAGA216	0.C	162.3	CS2	S	0	0	0	0	60	230	C		1	1	1
FAGA216	0.C	164.6	CS2	E	0	0	0	0	60	230	C		1	1	1
FAGA216	0.C	167.2	CS2	S	0	0	0	0	60	230	C		1	1	1
FAGA216	0.C	174.3	CS2	S	0	0	0	0	75	230	C		1	1	1
FAGA216	0.C	176.0	PS2	P	0	0	0	0	40	230	C		1	1	1
FAGA216	0.C	177.0	CS2	S	0	0	0	0	60	230	C		1	1	1
FAGA216	0.C	179.7	CS2	M	0	0	0	0	80	230	C		1	1	1
FAGA216	0.C	181.2	CS2	S	0	0	0	0	65	230	C		1	1	1
FAGA216	0.C	183.8	CS2	M	0	0	0	0	65	230	C		1	1	1

DDH: FAGA216 UTM-N: 904,709.2 UTM-E: 592,288.5 UTM-ELEV: 1,273.8 TOTAL DEPTH: 429.1 SECTION: W 68
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	SO ANGLE	DIRECT	S1 ANGLE	DIRECT	S2 ANGLE	DIRECT	RFE	CDE	DHDC	SDC	PROCESS
FAGA216	0.C	186.1	CS2	S	0	0	0	C	65	230	C		1	1	1
FAGA216	0.C	188.6	CS2	3	0	0	0	C	60	230	C		1	1	1
FAGA216	0.C	190.5	CS2	3	0	0	10	210	70	230	0		1	1	1
FAGA216	0.C	191.1	PS2	P	0	0	0	C	60	230	C		1	1	1
FAGA216	0.C	195.3	PS2	P	0	0	0	C	60	230	C		1	1	1
FAGA216	0.C	197.0	CS2	Z	0	0	0	C	60	230	C		1	1	1
FAGA216	0.C	201.5	PS2	P	0	0	0	C	65	230	C		1	1	1
FAGA216	0.C	203.8	PS2	F	0	0	0	0	65	230	C		1	1	1
FAGA216	0.C	208.5	PS2	P	0	0	0	0	75	230	C		1	1	1
FAGA216	0.C	212.2	CS2	E	0	0	0	C	55	230	0		1	1	1
FAGA216	0.C	213.7	CS2	E	0	C	0	C	60	230	C		1	1	1
FAGA216	0.C	215.6	PS2	P	0	0	0	0	45	230	C		1	1	1
FAGA216	0.C	217.9	CS2	Z	0	0	0	0	60	230	C		1	1	1
FAGA216	0.C	218.1	CS2	Z	0	0	0	C	55	230	0		1	1	1
FAGA216	0.C	219.1	CS2	E	0	0	0	0	55	230	0		1	1	1
FAGA216	0.C	221.3	PS2	P	0	0	0	C	65	230	C		1	1	1
FAGA216	0.C	224.3	PS2	P	0	0	0	0	50	230	0		1	1	1
FAGA216	0.C	226.8	CS2	Z	0	0	0	C	75	230	C		1	1	1
FAGA216	0.C	229.3	CS2		C	0	0	C	90	230	0		1	1	1
FAGA216	0.C	232.3	CS2		0	0	0	C	90	230	0		1	1	1
FAGA216	0.C	238.4	PS2	P	0	0	0	0	70	230	C		1	1	1
FAGA216	0.C	240.8	PS2	P	0	0	0	C	70	230	C		1	1	1
FAGA216	0.C	243.4	PS2	P	0	C	0	C	60	230	C		1	1	1
FAGA216	0.C	246.4	PS2	P	0	0	0	C	65	230	0		1	1	1
FAGA216	0.C	249.7	PS2	P	0	C	0	0	70	230	C		1	1	1
FAGA216	0.C	251.8	CS2	S	0	0	0	0	80	230	C		1	1	1
FAGA216	0.C	257.1	PS2	P	0	0	0	0	80	230	C		1	1	1
FAGA216	0.C	259.6	CS2	S	0	0	0	0	75	230	0		1	1	1
FAGA216	0.C	260.7	CS2	S	0	0	0	C	75	230	C		1	1	1
FAGA216	0.C	263.3	CS2	D	0	0	0	C	70	230	C		1	1	1
FAGA216	0.C	267.1	CS2	S	0	0	0	C	70	230	0		1	1	1
FAGA216	0.C	272.7	PS2	P	0	0	0	C	75	230	0		1	1	1
FAGA216	0.C	276.3	CS2	S	0	0	0	0	75	230	0		1	1	1
FAGA216	0.C	280.0	CS2	S	0	C	0	C	75	230	C		1	1	1
FAGA216	0.C	285.9	PS2	P	0	0	0	C	65	230	C		1	1	1
FAGA216	0.C	288.6	CS2	S	0	0	0	C	75	230	0		1	1	1
FAGA216	0.C	291.3	PS2	P	0	0	0	C	70	230	C		1	1	1
FAGA216	0.C	293.6	CS2	S	0	0	0	C	55	230	0		1	1	1
FAGA216	0.C	306.4	PS2	P	0	0	0	0	65	230	C		1	1	1
FAGA216	0.C	307.6	CS2	Z	0	C	0	0	75	230	C		1	1	1
FAGA216	0.C	313.2	CS2	Z	0	C	0	C	70	230	C		1	1	1
FAGA216	0.C	316.2	PS2	P	0	0	0	C	80	230	C		1	1	1
FAGA216	0.C	319.7	PS2	P	0	C	0	C	75	230	C		1	1	1
FAGA216	0.C	323.2	CS2	Z	0	0	0	C	75	230	C		1	1	1
FAGA216	0.C	324.7	CS2	Z	0	0	0	C	70	230	C		1	1	1
FAGA216	0.C	329.6	CS2	Z	0	C	0	C	70	230	C		1	1	1
FAGA216	0.C	331.7	CS2	3	0	0	0	C	75	230	C		1	1	1
FAGA216	0.C	333.3	CS2	3	0	0	0	C	75	230	C		1	1	1
FAGA216	0.C	337.5	PS2	P	0	0	0	C	60	230	C		1	1	1
FAGA216	0.C	340.4	CS2		0	C	0	C	90	230	C		1	1	1
FAGA216	0.C	342.8	CS2		0	C	0	C	90	230	C		1	1	1

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DOWN-HOLE STRUCTURE (DH020)

PAGE: 24

DDH: FAGA216 UTM-N: 904,709.2 UTM-E: 592,288.5 UTM-ELEV: 1,273.8 TOTAL DEPTH: 429.1 SECTION: W 68
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	SG	ANGLE	DIRECT	S1	ANGLE	DIRECT	S2	ANGLE	DIRECT	RFE	CDE	DHDC	SDC	PROCESS
FAGA216	0.0	344.2	CS2	E	0	0	0	C	C	75	230	C	C	1	1	1	1	1
FAGA216	0.0	347.4	CS2	3	0	0	0	C	C	65	230	C	C	1	1	1	1	1
FAGA216	0.0	350.0	PS2	P	C	C	0	C	C	75	230	C	C	1	1	1	1	1
FAGA216	0.0	352.9	PS2	P	C	C	0	C	C	75	230	C	C	1	1	1	1	1
FAGA216	0.0	359.0	PS2	P	0	0	0	C	C	65	230	C	C	1	1	1	1	1
FAGA216	0.0	361.0	CS2	3	0	0	0	C	C	65	230	C	C	1	1	1	1	1
FAGA216	0.0	368.0	PS2	P	C	C	0	C	C	75	230	C	C	1	1	1	1	1
FAGA216	0.0	371.0	PS2	P	0	0	0	C	C	75	230	C	C	1	1	1	1	1
FAGA216	0.0	373.6	CS2	S	C	C	0	C	C	75	230	C	C	1	1	1	1	1
FAGA216	0.0	378.1	PS2	P	0	0	0	C	C	75	230	C	C	1	1	1	1	1
FAGA216	0.0	380.0	PS2	P	0	0	0	C	C	65	230	C	C	1	1	1	1	1
FAGA216	0.0	384.0	PS2	P	C	0	0	C	C	65	230	C	C	1	1	1	1	1
FAGA216	0.0	386.3	PS2	P	0	C	0	C	C	75	230	C	C	1	1	1	1	1
FAGA216	0.0	389.0	PS2	P	0	0	0	C	C	75	230	C	C	1	1	1	1	1
FAGA216	0.0	391.7	PS2	P	0	0	0	C	C	70	230	C	C	1	1	1	1	1
FAGA216	0.0	398.7	PS2	P	0	0	0	C	C	70	230	C	C	1	1	1	1	1
FAGA216	0.0	403.8	PS2	P	0	0	0	C	C	70	230	C	C	1	1	1	1	1
FAGA216	0.0	406.0	CS2	Z	0	0	0	C	C	80	230	C	C	1	1	1	1	1
FAGA216	0.0	408.6	CS2	S	0	0	0	C	C	70	230	C	C	1	1	1	1	1
FAGA216	0.0	411.4	CS2	S	0	0	0	C	C	75	230	C	C	1	1	1	1	1
FAGA216	0.0	413.2	CS2	S	0	0	0	C	C	90	230	C	C	1	1	1	1	1
FAGA216	0.0	418.2	PS2	P	0	0	0	C	C	75	230	C	C	1	1	1	1	1
FAGA216	0.0	423.2	PS2	P	0	0	0	C	C	65	230	C	C	1	1	1	1	1
FAGA216	0.0	426.7	PS2	P	0	0	0	C	C	55	230	C	C	1	1	1	1	1

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DOWN-HOLE FAULTS (DH020)

PAGE: 25

DDH: FAGA216 UTM-N: 9C4,7C9.2 UTM-E: 592,288.5 UTM-ELEV: 1,273.8 TOTAL DEPTH: 429.1 SECTION: W 68
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	REC	CD	PARLL	UPPER PLANE	INTERNAL PLANE	LOWER PLANE	DHD			
FAGA216	0.0	21.8	1Q				0	0	C	C	0	0	1
FAGA216	26.4	26.8	G				0	0	C	C	0	0	1
FAGA216	32.3	34.1	PG		C		C	0	C	C	0	0	1
FAGA216	39.0	39.3	G				0	0	20	15C	0	0	1
FAGA216	55.0	57.1	JXQ				C	0	1	90	0	0	1
FAGA216	0.0	67.4	1G				0	0	C	C	0	0	1
FAGA216	76.6	82.0	MP		1		0	0	C	C	0	0	1
FAGA216	84.7	86.7	P		0		C	0	C	C	0	0	1
FAGA216	91.4	93.8	P		2		0	0	C	C	0	0	1
FAGA216	93.8	96.4	GP		3		0	0	G	C	0	0	1
FAGA216	0.0	141.4	1G				0	0	99	999	0	0	1
FAGA216	144.8	145.7	G				0	0	G	C	0	0	1
FAGA216	0.0	147.8	1G				0	0	99	999	0	0	1
FAGA216	154.3	156.9	SG				0	0	3C	C	0	0	1
FAGA216	157.9	160.3	Q				0	0	99	999	0	0	1
FAGA216	146.9	163.5	1JQ				C	0	2C	27C	0	0	1
FAGA216	0.0	166.2	1S				C	0	99	999	0	0	1
FAGA216	166.8	167.0	1S				0	0	C	C	0	0	1
FAGA216	168.0	170.1	GPS		1		0	0	C	C	0	0	1
FAGA216	171.9	174.0	BG				0	0	C	C	0	0	1
FAGA216	174.3	174.6	S				C	0	C	C	99	999	1
FAGA216	0.0	223.1	1S				0	0	99	999	0	0	1
FAGA216	231.0	231.2	S				0	0	6C	150	0	0	1
FAGA216	235.8	236.1	Q				0	0	C	C	0	0	1
FAGA216	0.0	249.1	1S				0	0	99	999	0	0	1
FAGA216	281.4	281.6	G?				0	0	C	C	0	0	1
FAGA216	282.9	283.4	G				C	0	C	C	0	0	1
FAGA216	0.0	288.9	1G				0	0	C	C	0	0	1
FAGA216	299.3	300.5	G				C	0	C	C	0	0	1
FAGA216	302.3	304.8	G				0	0	C	C	0	0	1
FAGA216	304.8	305.7	S				0	0	45	330	0	0	1
FAGA216	308.2	309.0	SG				0	0	0	C	0	0	1
FAGA216	310.8	312.4	SG				0	0	99	999	0	0	1
FAGA216	0.0	315.2	1G				0	0	C	C	99	999	1
FAGA216	299.3	315.2	F				C	0	C	C	0	0	1
FAGA216	0.0	335.6	1G				0	0	C	C	0	0	1
FAGA216	0.0	361.6	1G				0	0	99	999	0	0	1
FAGA216	0.0	363.3	1G				0	0	C	C	0	0	1
FAGA216	0.0	367.5	1S				0	0	99	999	0	0	1
FAGA216	0.0	377.7	1S				0	0	C	C	0	0	1
FAGA216	379.3	379.8	G				C	0	C	C	0	0	1
FAGA216	389.8	390.4	Q				C	0	99	999	0	0	1
FAGA216	395.0	412.8	1JQ				C	0	90	C	0	0	1
FAGA216	414.4	417.8	BG				0	0	C	C	0	0	1
FAGA216	418.5	420.3	G				25	90	C	C	45	90	1
FAGA216	423.3	423.7	G				45	90	C	C	0	0	1
FAGA216	426.3	426.6	S				0	0	C	C	0	0	1

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DOWN-HOLE SPLINES (DHO20)

PAGE: 26

DDH: FAGA216 UTM-N: 904,709.2 UTM-E: 592,288.5 UTM-ELEV: 1,273.8 TOTAL DEPTH: 429.1 SECTION: W 68
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH SEGMENT NOS COND INDICATOR

FAGA216	1	2
FAGA216	2	2
FAGA216	3	2
FAGA216	4	2
FAGA216	5	2
FAGA216	6	1

DDM	SAMPLE	---DEPTHS---		INT M	REC X	ROCK UNIT	S.G.	CU X	PB X	ZN X	AG G/MT	AU G/MT	PO X	PY X	BAO X	PB+ZN X	PO+PY X	ZN RATIO
		FROM	TO															
FAGA216	12331	175.9	176.7	.8	87	4E18		.28	1.23	.99	27.0					2.22		.45
	12332	176.7	177.9	1.2	92	4LE		.26	1.17	.68	22.0					1.85		.37
	12333	188.3	189.6	1.3	92	4C7*		.07	.49	.51	15.0					1.00		.51
	12334	190.7	191.3	.6	100	4C68	4.02	.30	1.16	.93	26.0	1.58	7.91	24.60		2.09	32.51	.44
	12335	191.3	193.4	2.1	95	4C8*	3.90	.30	2.13	2.60	31.0	.82	11.10	18.40		4.73	29.50	.55
	12336	193.4	194.7	1.3	92	4EG*	4.05	.36	3.30	3.10	46.0	.96	10.36	18.80		6.40	29.16	.48
	12337	194.7	195.5	.8	100	4D8*	3.81	.23	2.50	2.90	37.0	.96	9.30	18.00		5.40	27.30	.54
	12338	195.5	196.6	1.1	91	4E6*	3.62	.32	.88	.70	22.0	.82	7.77	17.80		1.58	25.57	.44
	12339	196.6	197.3	.7	100	5A19	2.92	.08	.21	.14	10.0	.41	1.39	2.45		.35	3.84	.40
	12340	197.3	199.4	2.1	95	4E1*	3.00	.25	1.44	1.41	29.0	.75	10.26	20.10		2.85	30.36	.49
	12341	199.4	201.5	2.1	95	4E1*	3.65	.22	1.11	1.10	19.0	.89	8.32	16.60		2.21	24.92	.50
	12342	201.5	204.0	2.5	92	4E1*	3.94	.19	2.80	2.40	34.0	.69	8.65	17.80		5.20	26.45	.46
	12343	204.0	205.7	1.7	94	4EL	3.45	.14	1.21	.71	20.0	.75	4.09	14.70		1.92	18.79	.37
	12344	205.7	207.4	1.7	94	4A1	3.19	.17	.21	.26	8.0	.96	2.91	12.90		.47	15.81	.55
	12345	207.4	208.4	1.0	90	4E6*	3.94	.18	1.45	1.45	25.0	.96	6.12	23.30		2.90	29.42	.50
	12346	208.4	208.8	.4	100	4L48	3.38	.17	1.96	1.71	28.0	.89	5.79	11.10		3.67	16.89	.47
	12347	208.8	209.5	.7	86	4E16	3.82	.17	3.30	3.20	43.0	.89	7.55	18.40		6.50	25.95	.49
	12348	209.5	211.4	1.9	95	4E8*	3.85	.34	1.47	1.20	25.0	.82	8.40	22.50		2.67	30.90	.45
	12349	211.4	212.1	.7	100	4C78	3.90	.35	.80	.56	18.0	.89	13.05	20.60		1.36	33.65	.41
	12350	215.3	215.8	.5	100	4GB#	3.86	.25	1.10	.80	19.0	.41	10.10	22.90		1.90	33.00	.42
	12351	216.4	217.7	1.3	92	4E16		.21	.96	.58	18.0					1.54		.38
	12352	219.0	220.3	1.3	92	4G*8		.34	.80	.52	15.0					1.32		.39
	12353	220.3	221.7	1.4	100	4G*8		.24	.92	.38	16.0					1.30		.29
	12354	222.2	224.1	1.9	95	4E16		.21	1.24	1.17	21.0					2.41		.49
	12355	224.1	224.6	.5	80	4L4		.14	.33	.36	10.0					.69		.52
	12356	224.6	225.1	.5	100	4EL		.22	.26	.33	7.0					.59		.56
	12357	225.1	226.6	1.5	93	4A13	4.53	.25	2.01	1.75	36.0	.55	8.10	20.10		3.76	28.20	.47
	12358	226.6	228.1	1.5	93	4A13	4.53	.25	2.01	1.75	36.0	.55	8.10	20.10		3.76	28.20	.47
	12359	228.1	228.6	.5	80	4G48	3.66	.26	2.80	4.10	45.0	.62	3.97	11.80		6.90	15.77	.59
	12360	235.8	236.6	.8	100	4C0	3.35	.21	1.08	1.17	19.0	.41	4.86	12.00		2.25	16.86	.52
	12361	237.1	237.7	.6	100	4G4	4.18	.13	6.50	6.40	94.0	.96	2.80	16.70		12.90	19.50	.50
	12362	237.7	239.7	2.0	95	4A1	3.28	.24	.31	.27	9.0	.69	1.81	16.10		.58	17.91	.47
	12363	239.7	240.6	.9	89	4A1	3.23	.16	1.21	1.13	17.0	.48	4.29	11.50		2.34	15.79	.48
	12364	240.6	241.9	1.3	100	4A1	3.25	.19	.16	.22	7.0	.69	2.65	13.80		.38	16.45	.58
	12365	241.9	243.0	1.1	91	4A1	3.37	.14	2.13	2.80	33.0	.75	1.93	15.30		4.93	17.23	.57
	12366	243.0	243.8	.8	88	4E1	4.14	.14	.36	.26	14.0	1.17	3.60	29.90		.62	33.50	.42
	12367	243.8	244.3	.5	80	4C3	3.61	.22	1.55	.41	32.0	.89	2.98	17.20		1.96	20.18	.21
	12368	244.3	246.3	2.0	95	4C83	3.43	.20	1.18	.87	22.0	.55	6.52	12.40		2.05	18.92	.42
	12369	246.3	247.4	1.1	91	4E16	3.65	.22	.76	.73	18.0	.82	8.68	16.90		1.49	25.58	.49
	12370	247.4	249.3	1.9	95	4E1	3.11	.13	.58	.61	12.0	.21	5.18	9.10		1.19	14.28	.51
	12371	261.5	262.9	1.4	100	5A19		.01	.02	.03	4.0					.05		.60
	12372	262.9	264.3	1.4	93	5A19		.01	.01	.03	4.0					.04		.75
	12373	265.3	266.8	1.5	93	5A19		.01	.01	.01	5.0					.02		.50
	12374	266.8	268.2	1.4	100	5A19		.01	.01	.02	4.0					.03		.67
	12375	362.2	364.4	2.2	95	4L4		.03	.19	.40	5.0					.59		.68
	12376	364.4	366.6	2.2	95	4L4		.01	.01	.03	4.0					.04		.75

DIAMOND DRILL CORE LOG

Date: Oct. 21/81

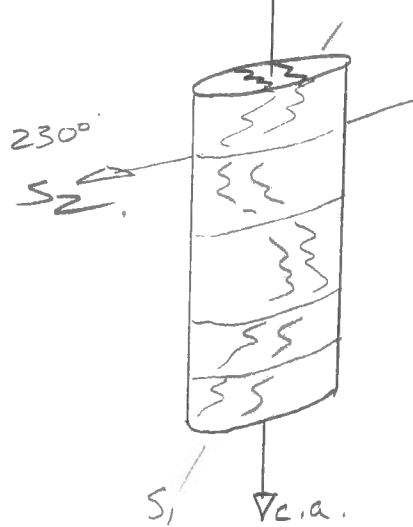
Hole Number: FACA 216 (81-A216)

Project: 1981 GRUM DRILLING

Location: - YANCORDA PLATEAU

Claim: _____

Reference Fabric Orientation Diagram:



All symmetry determinations looking

NW with S2 dipping

SW with dip azimuth 230°.

UTM ~~Ferr. Plane~~ Co-ords.: 6904709.2 N

592288.5 E

Grid Co-ords: 68W

3S

Elevation: 1273.8 m

Total Depth: 429.1 m

Purpose: To test fold style hypothesis at depth.

Reason hole Terminated: _____

Logged by: RST

Date(s) Logged: _____

Drilling Contractor: Arctic Diamond Drilling Ltd

Size	CORE From	To
<u>NQ</u>	<u>20.1</u>	<u>429.1</u>

Collar Cased and Capped: _____

Hole Cemented: No

Steel down hole: No

Started: Sept. 12/81 Completed: Sept 22/81

C.A.M.C. Mine Survey

Code	From		To		Recov.	No.	Unit	Description		
	10	14	16	20					22	24
L		00		20		1	*	Overburden & casing		
L		20		26		2	5B,6,2	Narrow partings on S ₂ minor qtz over. 21.8 (0.2m)		
L		26		35		3	5B,6	±3 (SA6) weakly calcareous hardly react to 10% HCl Gauged possibly driller's good zones 26.4-26.8, 32.3-34.1 (0.1m Rec) after 34.1 weak calc filled fractures //ca. SA6 as distinct 0.2m bands over last 1.5m.		
L		35		38		4	5A,6	±3 Good black SA weakly calc in places. last metre driller broken?		
L		38		49		5	5B,6	±3 (OQO) Grey phyllite. minor qtz veining @ 41.2-41.5, 43.2 (0.1m), 47.9 (0.1m), 49.0 //S ₂ Gauge 39.0-39.3 X cuts S ₂ @ high L see E.F.s.		
L		49		49		6	5B,6,2	±9 minor py in narrow qtz lenses //S ₂		
L		49		52		7	5B,3,5	laminated weakly calc.		
L		52		53		8	5A,1,9	(4A0) transitional zone with 4A0 pyritic developed near top of unit over 0.5m. thinly laminated		
L		53		58		9	5C,3	weakly calcareous. 55.0-57.1 calc. fracture //C.A.		
L		58		61		10	5B,3	±2 minor carbonaceous bands variably strong - weakly reactive to 10% regurgitated lizard spit.		
L		61		62		11	5C,3	minor fuchsite spots developed.		
L		62		72		12	5B,0	(5C3) weakly calc. grey phyllite, narrow interband of SC3 @ 57.5-57.9. m. calc veinlets //ca. drillers good 67.4. Next 4m is transitional one to next.		
L		72		73		13	5B,3	±2 strongly calcareous. minor calc veins //ca.		
L		73		78		14	5B,6	±2±3 weakly calcareous in places		
L		78		90		15	5B,6,2	(SA6) minor narrow 1m bands SA 10% of unit 78.6-82.0 (0.6m Rec. mismatch), 84.7-86.7 (0.1m Rec), minor calc veinlets //ca.		
L		90		109		16	5A,6	±3 (SA19) minor bands especially from 104m on with lensy qtz //S ₂ minor py 10% of unit. gauge 93.8-96.4 (0.8m rec) no orientation poss. 91.4-93.8 (0.6m rec)?		

Code	From		To		Recov.	No.	Unit	Description		
	10	14	16	20					22	24
L	1,092		1,132			17	5.B.3.	(5A3) strongly calcareous 4 narrow interbands < 0.1m of 5A3.		
L	1,113		1,145			18	5.A.6.	±3 weakly calcareous in places		
L	1,114		1,161			19	5.A.3.	(5D3) strongly calcareous laminated. 4 narrow lenses < 0.1m of 5D3		
L	1,161		1,274			20	5.A.1.	±9 (SD±1±9) black siliceous SA. with minor separate Qtz laminae with py. SD bands @ 118.4 (0.3m) and 6 others < 0.05m variably siliceous and pyritic. Minor thin calc fractures		
L	1,274		1,285			21	5.D.3.	weakly calcareous with minor grey phylite lams.		
L	1,285		1,295			22	5.A.3.	weakly to strongly calcareous. Qtz vein lower cut.		
L	1,295		1,324			23	5.A.1.9	(5A.61) 5A.61 over 1 st 0.8m good black. 5A.1.9 ⇒ transitional to 4A0 with only minor pyrite over last part of unit		
L	1,324		1,462			24	5.A.1.3	(5D3) weakly calcareous with a few strongly calc intervals. 5D3 as narrow bands < 0.1m @ 135.9, 141.5, 142.0, 143.9; Gorge @ 141.4, 144.8-145.7		
L	1,462		1,517			25	5.B.3.	weakly to strongly calcareous Gorge @ 147.8 (0.1m) // S2 kb. hairline fracs // ca CO ₂ filled.		
L	1,517		1,543			26	5.B.3.2	weakly to strongly calc. hairline CO ₂ filled fracs // ca.		
L	1,543		1,569			27	5.A.3.	(5B3) strongly calc. shear and gorge zone 30° to ca.		
L	1,569		1,579			28	5.A.3.	(5D3) weakly to strongly calc. minor 5D3 (0.1m) over last part of unit.		
L	1,579		1,603			29	1.0.R.P.	(5A3) Qtz vein 80% prob in shear zone sub // S2?		
L	1,603		1,616			30	5.A.3.9	(5D3) weakly calc. SA minor py. 0.1m 5D3 at end of unit		
L	1,616		1,627			31	5.A.6.1	±9 minor py in well separated Qtz laminae calc in fractures // ca.		
L	1,627		1,718			32	5.A.6.1	9 (5B62 9); transitional unit banded SA (not good black SA) ⇒ 5B62 9 pyrite a minor part of unit. Minor calc in fractures sheared & gorged See K-45		

Code	From		To		Recov.	No.	Unit	Description
	10	14	16	20				
L	177.1	177.8	177.5	177.9		33	5.B.6.2	±19 Though definitely not 4A has sph, gn in narrow minor qtz bands in 2 nd 1/2 of unit Gauge @ 174.0. Shear 174.3-174.6. Sharp lower cut // S ₂
L	177.5	177.9	177.6	177.7		34	4.E.1.1*	8* (4H14, 4L0) The following ore sections especially in top half of ore interval are not 'type' ore facies. There is high Al, SiO ₂ , magnetite content as laminae on S ₂ as well as being fairly carbonate rich 4E units have affinity with 4CD types.
L	177.6	177.7	177.7	177.8		35	4.L.1.4	fold nose
L	177.7	177.8	177.7	177.9		36	4.E.1.7	84(4L) 20% SiO ₂ as S ₂ bands. po replacing py at top of unit. 4L, mgte as thin S ₂ lams
L	177.7	177.9	177.9	177.9		37	4.L.1.7	blebby po. 3%
L	177.9	177.9	181.0	181.0		38	5.A.6.9	(4L7) transitional unit variably altered po also as blebs in 5A
L	181.0	184.7	184.7	184.7		39	5.A.6.1	(OQ*) minor py as lenses in 5A. minor calcitic qtz veins // S ₂ < 0.05m 10% of unit.
L	184.7	187.0	187.0	187.0		40	5.B.6.2	(OQ*) minor blebby po. minor qtz/CO ₂ veins x cutting S ₂ 30° to c.c.
L	187.0	188.3	188.3	188.3		41	5.A.3	(OQ*) minor qtz/CO ₂ vein over 1 st 0.7m minor blebby po. on S ₂ .
L	188.3	189.6	189.6	189.6		42	4.G.7.*	(5A6, 4L0, 000) nose of fold AC/SA contact 20° to ca. minor 4L, 5A at 188.3 (0.1m) and 188.9 (0.4m)
L	189.6	190.7	190.7	190.7		43	5.A.1.9	(4L7) 0.1m 4L7 @ 190.3 5A19 over 1 st 0.2m close to 4A0.
L	190.7	191.3	191.3	191.3		44	4.D.6.8	*3(4E8) < 10% BaSO ₄ ; 4E8 @ start 0.1m and as narrow bands 40% of unit. weakly calc
L	191.3	193.4	193.4	193.4		45	4.D.8	9* (4E8) in frac., mgte as bands 0.5cm in size. lower. 0.4m 4E8 20% mgte. reacts weakly to HCl
L	193.4	193.8	193.8	193.8		46	4.G.4.1	8* 20% mgte 10% SiO ₂ moderately calc. not best specimen of 4G
L	193.8	194.7	194.7	194.7		47	4.E.1.4	8* 15% SiO ₂ ~ 10% mgte as bands.
L	194.7	195.5	195.5	195.5		48	4.D.8	9* 3 cp in frac. < 10 mgte as bands 30% SiO ₂ weakly reacts to lizard spir.



Code	From	To	Recov.	No.	Unit	Description
L	1,955	1,966		49	4E6	8* (4L0,4D0) thin bands of silica 10% Baso ₄ mgte as bands and minor 4L0 bands.
L	1,966	1,973		50	5A,1,9	(4E4,5B4) 196.9-197.0 4E4 band below 5B4.
L	1,973	2,015		51	4E1	68* (4D4,4L0) 10% BaSO ₄ , 15-20% SiO ₂ as discrete bands mgte as thin bands to 0.5cm size minor 4L bands except @ 199.1-199.3. (0.2m band).
L	2,015	2,040		52	4E1,4	8* 15% mgte. as 0.5cm bands along Sz 10% SiO ₂ reacts weakly to 10% HCl.
L	2,040	2,048		53	4L1,4	Sph, gn as narrow bands 2-3% Pb+Zn
L	2,048	2,057		54	4E6,4	8* (4L*) 0.1m 4L band at end of unit + narrow laminae <10% SiO ₂ , 8% Baso ₄ mostly near middle of unit
L	2,057	2,074		55	4A,1,3	(4L1*) 15-20% py. narrow 4L bands at 206.1 (0.1m) 206.7 (0.3m) latter pass from 5C unit.
L	2,074	2,084		56	4E6	8* (4D48) weakly calc. <10% Baso ₄ . 4D48 207.9-208.1
L	2,084	2,088		57	4L4,8	(4E8) narrow band of 4E8 (<0.1m) in middle of unit.
L	2,088	2,095		58	4E1,6	48* weakly calc. 10% SiO ₂ 10% Baso ₄ mgte bands.
L	2,095	2,114		59	4E4,8	* (0Q*) distinct narrow qtz bands 10% of unit mgte bands <10%.
L	2,114	2,121		60	4D7,8	(4H0) 0.1m band po at end of unit, sharp lower cuts.
L	2,121	2,153		61	5A,1,9	(0Q*, 5D3) minor py qtz/CO ₂ vein @ 212.9 \$214.4 (0.2m) with minor cp & po. 0.1m 5D3 near end of unit.
L	2,153	2,158		62	4G,4,8	* (4E0), (4L1) narrow lam of 4L1 <10% 4E0 over 0.2m @ end. weakly calc
L	2,158	2,164		63	4L1,1	(5A0) broken 5A at start of unit 0.1m.
L	2,164	2,177		64	4E1,6	8* 10% Baso ₄ , 10-15% SiO ₂ magnetite bands
L	2,177	2,190		65	5A,3	±19 (5D3) strongly calcareous minor py. 5D3 over last 0.2m of unit.
L	2,190	2,217		66	4G,4,8	81 (4E8) 4E as narrow bands in middle of unit and over 0.1m @ end up to 1cm bands of mgte, Qtz as veins 11Sz <10%

Code	From	To	Recov.	No.	Unit	Description
L	2,217	2,222		67	5A3	(OQO) minor qtz veinling at start of unit.
L	2,222	2,241		68	A.E.1.6	48x(A10, 5A3) reacts readily to HCl 10% in places. 10-15% qtz < 10% BaSO ₄ . Mgte as bands 5A3 @ 222.8-223.1 no shear zone. minor CO ₂ dusts near start of unit.
L	2,241	2,246		69	4L4	2% Pb+Zn.
L	2,246	2,251		70	4E.4.8	(4L4) 224.8-225.1 4L4. remainder with narrow 4L lamms and mgte looks nearer normal 4E.
L	2,251	2,281		71	4A13	(4A14) 4A14 near start of unit rest 15%
L	2,281	2,286		72	A.G.4.8	(4C3, 5C4 ^{py}) 5C in middle < 0.1m. 4C at start 4G4 with minor mgte blebs at end 0.25m
L	2,286	2,358		73	5B32	±4 (5C3) variably but weakly altered 5B32 strongly calcareous. 5C3 no 0.1m band 23.0. minor aspy in 1cm veinlets
L	2,358	2,366		74	4C3 ⁰	(4L0) first 0.3m mostly SiO ₂ remainder + 20% py with 4L0 partings. Notable unit by high aspy content, especially @ start of unit. 5%.
L	2,366	2,371		75	4L3	5% py.
L	2,371	2,377		76	4E4	(4E4) At last-typical units. 4E4 over last 0.1m.
L	2,377	2,397		77	4A13	(5C4x) narrow lamms C. 15% py 5C over 0.05m at start
L	2,397	2,406		78	4A1x	(4C0) + 5% Pb+Zn. 4C0 @ 240.2 (0.1m)
L	2,406	2,419		79	4A13	ct 77
L	2,419	2,430		80	4A1x	(4G4x) 4A + 5% Pb+Zn 4G4x @ 242.2-242.4
L	2,430	2,438		81	A.E.1	(4G4x8) 10% qtz 4G4x weakly calc at last 0.1m mgte as minor blebs.
L	2,438	2,443		82	4C0 ³	(4L0) minor 4L near end of unit
L	2,443	2,463		83	4A1x	(4L0) 4L as narrow partings.
L	2,463	2,474		84	4E1.6	8x strongly calc over 246.7-246.9 minor BaSO ₄ @ this point also?

nb Au =>

3m from end.

at start

Code	From				To				Recov.	No.	Unit	Description
	1	10	14	16	20	22	24	26				
L	247	4	249	3						85	A.E.1	(4H0, 000, 5A9) Sheared zone pyrite ⇒ po In places 5A9 + gk veining over last 0.5m. and @ 247.7-248.2
L	249	3	256	0						86	5A.6	±3±9 weakly calc in places and occasional m py. But good no doubts about it SA. minor ^{1cm} SiO ₂ concretions?
L	256	0	261	5						87	5A.6i	(5A19) minor narrow 5A19 bands, over 1st half.
L	261	5	264	3						88	5A.1.9	[4A0] would be poor - half poor lensey 4A
L	264	3	265	3						89	5A.6	(5A19) 2 narrow 5A19 bands in middle of unit.
L	265	3	268	2						90	5A.1.9	[4A0] similar to unit 88 nb minor SiO ₂ concretions
L	268	2	285	9						91	5A.6	predominantly good black SA Gouge @ 282.9(0.4m)
L	285	9	288	7						92	5A.1.1	±9 (5A6) minor thin siliceous bands minor py.
L	288	7	302	3						93	5A.6	Sandy gouge at 299.3-300.5 see E4s Zone from 299.3-315.3 part of Deal Lake Fault zone.
L	302	3	305	6						94	5A.3	Gouge zone strongly calcareous.
L	305	6	308	4						95	5A.6	(5D3) 0.3m 5D3 @ start of unit
L	308	4	313	9						96	5A.6	Variably sheared and abundant CO ₂ veins see E-4. Minor pyrite
L	313	9	315	3						97	5A.3	(5D43) weakly calc SA 5D43 sericitic over 0.2m @ 312.7
L	315	3	318	8						98	4L.9	±7 minor po blebs
L	318	8	324	7						99	4L.6	(3G8±4) transitional to 3G8±4
L	324	7	331	0						100	3G	±8±4 weakly altered variably chloritic 3G
L	331	0	349	8						101	5D.3	strongly to weakly reactive chlorite, biotite carbonate phyllite. 40% biotite.
L	349	8	354	6						102	4L.9	±7 minor blebs po
L	354	6	362	2						103	4L.9	(3G4) Variably altered 3G. 40% 3G4 60% 4L9
L	362	2	366	6						104	4L.4	±1 minor sph gn red sph < 1% Pb+Zn
L	366	6	367	4						105	4L.X	strongly calcareous minor biotite developed.
L	367	4	370	1						106	4L.9	Minor shear @ 367.5.
L	370	1	373	2						107	3G.0	PS2 grey minor narrow gk veining

Code	From				To				Recov.	No.	Unit	Description
	10	14	16	20	22	24	26	28				
L	373	2	381	1					1,08	3,50	± 6	minor py.
L	381	1	389	8					1,09	3,90	(309±3, 3D3)	10.1m 3D3 biotite band minor CO ₂ in fractures & on S ₂ Transitional from #108 to #111
L	389	8	390	4					1,10	0,00		qtz veing //S ₂
L	390	4	394	7					1,11	5,86	±3	weakly calc. minor narrow bands strongly calc. transitional to #112
L	394	7	407	1					1,12	5,83	±9	minor py calc. veing and minor bands react strongly to 10% HCl. near end almost 5A19
L	407	1	411	0					1,13	5,86	±3 (5D3)	variably calcareous 5D3 bands at start & middle of unit minor.
L	411	0	417	8					1,14	5,83	(5D3, 000)	strongly calc over 15' 2m. then variably calc 5D3, 000 in shear @ 425.0-425.8 broken core, shear & gorge zone 414.2 to end of unit.
L	417	8	418	9					1,15	5,86	5D3	gorge look ±.
L	418	9	420	0					1,16	3,03	(5A6)	Gorge
L	420	0	425	4					1,17	3,03	(4L1)	Biotite qtz carbonite phyllite ⇒ schist minor 4L1 bands, sheared & fractured unit
L	425	4	427	1					1,18	3,06	(10E9)	sub-bx. calcite veined highly fractured poss 4L1* protolith. light green equigranular diorite amphibole ⇒ chlorite fingers @ 426.6 (0.1m) & 426.9 (0.2m)
L	427	1	429	1					1,19	1,00	(4L1)	4L1 @ 427.7 - 429.5; 100 qtz biotite schist above and below this.
												EOH
												NB Invasive cannot be too far below this!!

DDH FAQA216
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Cyprus Anvil Mining Corp.

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Structural Log

Date: _____

Logged By: JST & LMT

Code	From				To				Feature	S ₀ Dip Direct.	S ₁ Dip Direct.	S ₂		Description
	10	14	16	20	22	24	26	28				32	34	
S				20	9	CS	Z					70	230	22.5m Post D2 folding S2
S				27	2	INDP						30		
\$	123	7		26	8									Gauge pass, drillers got no orientation.
S				29	5	INDP						25		
\$	132	3		34	1									Gauge 0.2M nec.
S				35	3	CS	S					50		Post D2 folding
S				38	5	INDH								⊥ to c.a.
S	139	0		39	9			210	1150			70		Gauge zone S ₀ = fault orient
S				40	0	CS	Z					75		
S				40	5	CS	E					70		
S				42	1	CS	Z					60		
S				42	8	CS	Z					65		
S				46	5	CS	Z					65		
S				50	4	CS	S					80		
S				53	0	INDH								⊥ to CA
S				55	3	INDP				215	0110	75		Post D2 kink foliation = S ₁
S				56	0			910	0190					S ₀ = fracture to C.A.
S				59	6	CS	Z					70		
S				62	4	CS	Z					70		
S				64	2	CS	E					60		
S				70	0	CS	Z					75		
S				72	3	CS	S					75		
S				74	5	CS	S					70		
S				78	0	CS	S					75		
S				83	1	CS	E					80		
S				90	6	INDP						55		
\$	193	8		96	3									Gauge
S				100	3	INDP						75		
S				105	4	CS	S					75		
S				110	2	CS	Z					75		
S				111	6	CS	E					75		
S				114	9	CS	E					75		
S				117	5	INDH								⊥ to CA
S				121	3	INDH								⊥ to CA

Structural Log

Code	From				To				Feature	S ₁	S ₀		S ₁		S ₂		Description
	10	14	16	20	22	24	26	28			Dip	Direct.	Dip	Direct.	Dip	Direct.	
S				1122	9	CIS12	S							715	21310		
S				1127	9	CIS12	S							515			
S				1130	7	CIS12	E							710			
S				1133	8	CIS12	S							615			
S				1140	6	CIS12	Z							715			
\$				1141	4												Gouge zone S ₂ (0.1M)
S				1142	1	CIS12	S							715			
\$	1144	8		1145	7												Gouge zone 60° to CA
S				1146	2	CIS12	S							615			
\$				1147	8												Gouge (0.1M) to S ₂
\$				1148	9												S ₂ folded by post D ₂ folding
S				1146	9	CIS12	S	210	2710					610			146.9 to 163.5 haulline fractures CO ₃ filled = S ₀
S				1150	3	CIS12	S							715			
S				1151	9	CIS12	E							710			
S				1153	7	CIS12	S							710			
S	1154	3		1156	9			310	1010								Shear & gouge zone S ₀ = shear
S				1157	9	CIS12	E							715			
S				1159	9	CIS12	Z							715			
S				1162	3	CIS12	S							610			
S				1164	6	CIS12	E							610			
\$				1166	2												0.2M Shear zone S ₂
S				1167	2	CIS12	S							610			166.8-167.0 shear zone
\$	1168	0		1170	1												Gouge zone 0.4M n.c.c.
\$	1171	9		1174	0												Broken core & Gouge zone
S				1174	3	CIS12	S							715			174.3 to 174.6 shear zone sub S ₂
S				1176	0	WIDP								410			Cont. E over sharp, S ₂
S				1177	0	CIS12	S							610			
S				1179	7	CIS12	M							810			
S				1181	2	CIS12	S							615			
S				1183	8	CIS12	M							615			
S				1186	1	CIS12	S							615			
S				1188	6	CIS12	Z							610			

Structural Log

Code	From				To				Feature	SYM	S ₀		S ₁		S ₂		Description		
	10	14	16	20	22	24	26	28			Dip	Direct.	Dip	Direct.	Dip	Direct.		32	34
S				11910	5	CIS	2	3					110	211	10	710	213	10	L2 azimuth 320°
S				11911	1	IND	R									610			
S				11915	3	IND	R									610			
S				11917	0	CIS	2	Z								610			
S				12101	5	IND	R									615			
S				12103	8	IND	R									615			
S				12108	5	IND	R									715			
S				12112	2	CIS	2	E								515			
S				12113	7	CIS	2	E								610			
S				12115	6	IND	R									415			
S				12117	9	CIS	2	Z								610			
S				12118	1	CIS	2	Z								515			
S				12119	1	CIS	2	E								515			
S				12121	3	IND	R									615			
\$				12123	1														shear 0.2M wide // S ₂
S				12124	3	IND	P									510			
S				12126	6	CIS	2	Z								715			
S				12129	3	IND	H												⊥ to CA
S	12131	10		12131	2				610	1510									shear = S ₀
S				12132	3	IND	H												⊥ to CA
S				12138	4	IND	R									710			
S				12140	8	IND	R									710			
S				12143	1	IND	R									610			
S				12146	4	IND	R									615			
\$				12149	1														Pass. shear (0.2M) // to S ₂
				12149	7	IND	P									710			
S				12151	8	CIS	2	S								810			
S				12157	1	IND	P									810			
S				12159	6	CIS	2	S								715			
S				12160	7	CIS	2	S								715			
S				12163	3	IND	D									710			
S				12167	1	CIS	2	S								710			
S				12172	7	IND	P									715			
S				12176	3	CIS	2	S								715			
S				121810	0	CIS	2	S								715			
\$	12181	4		12181	6														Pass. drillers goo or gouge

Code	From		To		Feature	SYM	S ₀		S ₁		S ₂		Description
	10	14 16	20 22	24 26			28	32 34	38 40	44	Dip	Direct.	
\$	121812	121813											Gouge // S ₂
S		121815	1	IND P							615	2310	
S		121818	6	CIS12 S							715		@ 288.9 0.1M gouge zone
S		121911	3	IND P							710		
S		121913	6	CIS12 S							515		
\$	121919	131010	5										Sandy gouge zone
\$	131012	131014	2										Gouge zone
S	131014	131015	7			415	3310						shear zone = S ₀ ; slicks azimuth at 290° to S ₂ azimuth around the cave
S		131016	4	IND P							615		
S		131017	6	CIS12 Z							715		
\$	131018	131019	0										shear & gouge zone 25° to CA
\$	131110	131112	4										shear & gouge zone sub // to S ₂
S		131113	2	CIS12 Z							710		
\$		131115	2										0.2M gouge // S ₂ sharp contact to 4L below
\$													Note usual - yawn - increase in metamorphic grade not too far below lowest D.L.F. gouge at 315.2M
S		131116	2	IND P							810		
S		131119	7	IND P							715		
S		131213	2	CIS12 Z							715		
S		131214	5	CIS12 Z							710		
S		131219	6	CIS12 Z							710		
S		131311	7	CIS12 Z							715		
S		131313	3	CIS12 Z							715		
\$		131315	6										0.1M gouge
S		131317	5	IND P							610		
S		131410	4	IND H									⊥ to CA
		131412	2	IND H									⊥ to CA

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Code	From				To				Feature	S ₀ Dip Direct.	S ₁ Dip Direct.	S ₂		Description
	10	14	16	20	22	24	26	28				32	34	
S				131414	2	CIS12	↖					715	21310	
S				131417	4	CIS12	↗					615		
S				131510	0	UNID	P					715		
S				131512	9	UNID	P					75		
S				131519	0	UNID	P					615		
S				131611	0	CIS12	↗					615		
\$				131611	6									0.1m gouge zone // S2
\$				131613	3									0.3m drillers goo or gouge?
\$				131617	5									0.1m shear // S2
S				131618	0	UNID	P					715		
				131711	0	UNID	P					715		
				131713	6	CIS12	S					715		
\$				131717	7									0.1m shear
S				131718	1	UNID	P					715		
\$	131719	3		131719	8									Pass. drillers goo or gouge
S				131810	0	UNID	P					615		
S				131814	0	UNID	P					615		
S				131816	3	UNID	P					715		
S				131819	0	UNID	P			510	01510	715		S ₁ column = S ₄
S				131911	7	UNID	P					710		
S				131918	7	UNID	P					710		
S				141013	8	UNID	P					710		
S				141016	0	CIS12	Z					810		
S				141018	6	CIS12	S					710		
S				141111	4	CIS12	S					715		
S				141113	2	UNID	H							⊥ to CA
\$	141114	4		141117	8									Fractured & broken rock & gouge zone
S				141118	2	UNID	P					715		
S	141118	5		142103	3			25	1910	415	1910	615		Gouge zone S ₀ = HW cnt. S ₁ = FW cnt.
S				142132	2	UNID	P					615		
S	142133	3		142137	7			415	1910					Gouge zone S ₀ = HW cnt. NB from 395.0 to 412.8 haulme fractures CO ₂ filled ⊥ to CA

CODE	FROM		TO		SAMPLE				INTR.		REC (m)	UNIT		DESCRIPTION
	10	14	16	20	22	26	28	30	32	34	36	40	42	
		1522		1534					12			5A119	(4A0)	
P		1759		1767	12331				08	07		4E114	8x (4H14, 4L0)	
P		1767		1773	12332				12	11		4L114	(4E1784) sm 5 35 & 36 4LE	
				9										
P		1883		1896	12333				13	12		4C7*	(5A6, 4L0, 0Q0)	
												4		
P		1907		1913	12334				06	06		4D68*	(4E8)	
P		1913		1934	12335				21	20		4D489*	(4E8) 4EG*	
P		1934		1947	12336				13	12		4E114	8x (4G418*) sm 5 46 & 47	
P		1947		1955	12337				08	08		4D489*		
P		1955		1966	12338				11	10		4E648*	(4L0, 4D0)	
P		1966		1973	12339				07	07		5A119	(4E4, 5B4)	
P		1973		1994	12340				21	20		4E114	68x (4D4, 4L0)	
P		1994		2015	12341				21	20		4E114	68x (4D4, 4L0)	
P		2015		2040	12342				25	23		4E114	8x	
P		2040		2057	12343				17	16		4E648*	(4L*) 4EL	
P		2057		2074	12344				17	16		4A113	(4L1*)	
P		2074		2084	12345				10	09		4E648*	(4D48)	
P		2084		2088	12346				04	04		4L48	(4E8)	
P		2088		2095	12347				07	06		4E116	48*	
P		2095		2114	12348				19	18		4E48*	(0Q*)	
P		2114		2121	12349				07	07		4D78	(4H0)	
P		2153		2158	12350				05	05		4G48*	(4E0, 4L1)	
P		2164		2177	12351				13	12		4E116	8x	
P		2190		2203	12352				13	12		4G48*	8	
P		2203		2217	12353				14	14		4G48*	8	
P		2222		2241	12354				19	18		4E116	48x (4L0, 5A3)	
P		2241		2246	12355				05	04		4L4		
P		2246		2251	12356				05	05		4E48*	(4L4) 4EL	
P		2251		2266	12357				15	14		4A113	(4A14)	
P		2266		2281	12358				15	14		4A113	(4A14)	

combined during assay

ASSAY LOG (SAMPLER'S COPY)

Date _____ Sampled by _____

CODE	FROM		TO		SAMPLE				INTR.		REC (m)		UNIT		DESCRIPTION
	10	14	16	20	22	26	28	30	32	34	36	40	42		
P	228	1	228	6	12359				05		04	4G48		(4C3, 5L*4)	
P	235	8	236	6	12360				08		08	4C3		(4L0) NB Aspy.	
P	237	1	237	7	12361				06		06	4G4		(4E4)	
P	237	7	239	7	12362				20		19	4A13		(5C4*)	
P	239	7	240	6	12363				09		08	4A1*		(4C0)	
P	240	6	241	9	12364				13		13	4A13			
P	241	9	243	0	12365				11		10	4A1*		(4G4*)	
P	243	0	243	8	12366				08		07	4E1		(4G4*8)	
P	243	8	244	3	12367				05		04	4C0		(4L0)	
P	244	3	246	3	12368				20		19	4D48		(4L0) 4C8	
P	246	3	247	4	12369				11		10	4E1, 68*			
P	247	4	249	3	12370				19		18	4E1		(4H0, 0Q0, 5A9)	
P	261	5	262	9	12371				14		14	5A1, 9		[4A0]	
P	262	9	264	3	12372				14		13	5A1, 9		[4A0]	
P	265	3	266	8	12373				15		14	5A1, 9		[4A0]	
P	266	8	268	2	12374				14		14	5A1, 9		[4A0]	
P	362	2	364	4	12375				22		21	4L4		±1	
P	364	4	366	6	12376				22		21	4L4		±1	

~~FAULT~~

DDH F.A.G.A.21.6
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Cyprus Anvil Mining Corp.
Structural Log

Page _____ of _____

Date: _____ Logged By: _____

Code	From		To		Feature	SYE	S ₀		S ₁		S ₂		Description
	10	14	16	20			22	24	26	28	32	34	
F				1218	1Q1								minor qtz vein (0.2m)
F	1216	4		1218	G1								gauge
F	1312	3		1314	PG1	0							gauge 0.1m/1.8m
F	1319	0		1319	G1				210	115T0			gauge cross-cuts S ₂
F	1515	0		1517	J1X10				01	01910			calc. fractures // C.A.
F				1617	1G1								drillers goo - gauge
F	1718	6		1820	M1P1	1							0.6m/3.4m mismatch
F	1814	7		1816	P1	0							0.1m/2.0m
F	1913	8		1916	4GP	3							0.8m/2.6m gauged no orient - IND
F	1911	4		1913	P1	2							0.6m/2.4m no reasons given
F				1141	41G1				919	91919			gauge, // S ₂
F	1144	8		1145	7G1								gauge, 60° to C.A.
F				1147	81G1				919	91919			gauge (0.1m) // S ₂
F	11416	9		11613	51W1				210	21710			hairline fractures filled by CO ₂
F	11514	3		11516	91S1G				310	01010			shear & gauge zone
F	11517	9		11610	3Q1				919	91919			sub // S ₂ ? 80% qtz vein
F	11618	0		11710	16P1S1								gauge, 0.4m/2.1m
F	11711	9		11714	0B1G1								broken core & gauge
F	11714	3		11714	6S1						919	91919	shear
F				11616	21S1				919	91919			0.2m shear zone // S ₂
F	11616	8		11617	01S1								shear zone
F				12123	11S1				919	91919			0.2m shear // S ₂
F	12131	0		12131	2S1				610	115T0			0.2m shear
F	12135	8		12136	1Q1								qtz vein
F				12419	11S1				919	91919			0.2m shear // S ₂
F	12181	4		12181	6G1?								gauge or drillers goo
F	12181	2		12181	34G1				919	91919			gauge // S ₂
F				12181	91G1								0.1m gauge
F	12199	3		131010	5G1								sandy gauge
F	131012	3		131014	8G1								IND gauge - strongly calcareous
F	131014	8		131015	7S1				415	31310			shear zone
F	131018	2		131019	01S1G								shear & gauge, 25° to C.A.
F	13110	8		13112	41S1G				919	91919			shear & gauge

Sub // S₂

FAULT

DDH E.A.G.A.216
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Cyprus Anvil Mining Corp.

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Structural Log

Date: _____ Logged By: _____

Code	From		To		Feature	S.E.	S ₀		S ₁		S ₂		Description	
	10	14	16	20			22	24	26	28	32	34		38
F				13115	21G							919	919	0.2m gauge // S ₂ cut to 46 at bottom
F	129	93		13115	2F1									DOAL LAKE? (RST) note metamorphic grade increases below fault zone
F				13135	61G									0.1m gauge
F				13161	61G				919	919				0.1m gauge // S ₂
F				13163	31G									0.3m driller's gaug or gauge
F				13167	51S				919	919				0.1m shear // S ₂
F				13177	71S									0.1m shear
F	13179	3		13179	8G									para. driller's gaug or gauge
F	13189	8		13190	4G				919	919				gte vein // S ₂
F	14114	4		14117	81G									broken rock & gauge
F	14118	5		14120	3G			215	019	10		415	090	gauge
F	14123	3		14123	7G			415	019	10				gauge zone
F	13195	0		14128	81W1G					910	010			hair line fractures, CO ₂ filled ± C.A. shear zone, 50° C.A.
	14126	3		14126	6S									

FAGU036

34/11/06

GRUM DATABASE - QUIZ REPORT

PAGE 1

DC#	SAMPLE	ROCK UNIT	CPY	NORMATIVE MINERALS - WEIGHT %					OTHER	*	CPY	NORMATIVE MINERALS - VOLUME %					OTHER
				GA	SP	PC	PY	BAR				GA	SP	PC	PY	BAR	
FAGUC36	9C587	4J0		9.44	16.13				74.43	*							

84/11/06

GRUP DATABASE - QUIZ REPORT

PAGE 1

DEF	SAMPLE	---DEPTHS---		INT REC M %	ROCK UNIT	S.G.	CU %	PB %	ZN %	AG G/MT	AU G/MT	PC %	PY %	BAO %	PB+ZN %	PC+PY %	ZN RATIO
		FROM	TO														
FAGUC36	9C587	15.2	16.8	1.6	100	4JC		8.17	10.82	133.0					18.99		.57

DRILL HOLE : FAGU036
NORTHING : 904,838.2
EASTING : 592,376.2
ELEVATION : 1,157.3
TOTAL DEPTH : 19.6
SECTION : W 69
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: 1
NOS DOWN-H-SURVEYS: 1
NOS DOWN-H-LITHOLOGY: 6
NOS DOWN-H-STRUCTURE: 5
NOS DOWN-H-FAULTS: 8
NOS DOWN-H-SPLINES: 1
NOS COMPOSITES: 0

COH: FAGUC36

UTM-N: 904,937.2 UTM-E: 592,776.2
RFE: S2 RFE DIP: 230 PLUNGE ANGLES:

UTI-ELEV: 1,157.3 - TOTAL DEPTH:
11 312 DHC CALC: 1 SS CALC: 1

18.3 SECTION: W 69

DEPTH	ZENITH	AZIMUTH
0.000	32.300	133.700

DDH: FAGU036 UTM-N: 904,838.2 UTM-E: 592,376.2 UTM-ELEV: 1,157.3 TOTAL DEPTH: 19.8 SECTION: W 69
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	INC
3.8	OCC1	3GC	(10Q*) (4LU) BOTH MINOR	0.5-	1
6.1	OCC2	4LC	(10Q) SPHAL GAL	0.5-	1
15.1	OCC3	3GC	89 (4LO)(5C4*) BOTH MINOR	0.5-	1
16.8	OCC4	4JC	81 (10Q*) (4LO)	0.5-	1
18.3	OCC5	5AC	RUBBLE	0.5-	1
19.8	OCC6	3GC		0.5-	1

CGN: FAGUC36 UTM-N: 904,838.7 UTM-E: 592,376.2 UTM-ELEV: 1,157.3 TOTAL DEPTH: 19.3 SECTION: W 69
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTY	SC	ANGLE	DIRECT	S1	ANGLE	DIRECT	S2	ANGLE	DIRECT	RFE	CDE	DHDC	SDC	PROCESS
FAGUC36	0.C	2.3	PS2	P	C		C	0		G	1		230	C		1	1	1
FAGUC36	0.C	7.0	PS2	P	C		C	0		C	1		230	C		1	1	1
FAGUC36	0.C	10.2	PS2	P	C		C	0		C	1		230	C		1	1	1
FAGUC36	0.C	13.7	CS2		C		C	0		C	33		230	C		1	1	1
FAGUC36	0.C	19.7	PS2	P	C		C	0		C	30		230	C		1	1	1

DDH: FAGUC36 UTM-N: 504793.2 UTM-E: 592376.0 UTM-ELEV: 17157.3 TOTAL DEPTH: 19.0 SECTION: W 69
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			
FAGUC36	0.1	2.8	SB				C	0	C	C	0	0	1
FAGUC36	3.0	3.2	P		C		C	0	C	C	0	0	1
FAGUC36	11.2	11.7	G				C	0	C	C	0	0	1
FAGUC36	13.5	13.6	G				0	0	G	C	70	0	1
FAGUC36	0.0	15.9	0				C	0	C	C	0	0	1
FAGUC36	16.8	18.3	TPE				C	0	C	C	0	0	1
FAGUC36	16.8	18.3	P		3		C	0	C	C	0	0	1
FAGUC36	18.3	19.5	GP		2		C	0	C	C	0	0	1

0 000 0 000

LOCATIONS (01-20)

PAGE: 20

DLH: FAGU036 UTM-N: 904,259.0 UTM-E: 592,376.2 UTM-ELEV: 1,157.3 TOTAL DEPTH: 19.8 SECTION: W 69
 RFE: 32 RFE DIR: 230 PLUNGE ANGLES: -11 312 DHD CALC: 1 SS CALC: 1

DLH SEGMENT NOS COND INDICATOR

FAGU036 1 1

OFF SECTION
KERR ADDI ASSAY

69W

CYPRUS ANVIL MINING CORPORATION

Page 1 of 5

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: FAGU 036

Reference Fabric Orientation Diagram:

Project: Green

Location: 69W.

Claim: _____

UTM Terr. Plane
Co-ords.:

904838.2 N

*dimensions of
- & surveyed grid
co-ords*

592376.2 E

Grid
Co-ords: 69W

All symmetry determinations looking

Elevation: 1157.3
1156.9

_____ with _____ dipping

Total Depth: 19.8

_____ with dip azimuth _____.

Purpose: _____

Reason hole
Terminated: _____

Logged by: DBJ GAT

Date(s) Logged: 18 AUG 82

Drilling
Contractor: _____

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

Hole
Cemented: _____

Steel down
hole: _____

Started: _____ Completed: _____

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20	22 24 26 28 30 34 35				
L	00	38		1	3G0	Badly broken throat with usual top of hole recovery problems, 3.0 m in core box much of loss probably 3-3.8 (OP*) minor (4L0) minor
L	38	61		2	4L0	(OP* sphal, gal, dol) 2 4J0 veinlets X ₂ and tangential to core
L	61	151		3	3EP	±9 (4L0, 5D4* with 4E veinlets) 5D4X and 4L0 @ 11.1 m = % of unit trivial 9 mainly top and bottom of interval, MD gauge from 11.2-11.7m but get feeling gauge X cuts S ₂ at high X (@ 70° to CA) gauge @ 13.5-13.6 upper = IND lower @ 70/000 = steep fault recovery good thru unit despite faults.
L	151	158		4	4J0	±1 (OP*) (4L0) 4L0 and (OP*) @ 15.8-16.2 m - also features of OP0 and 4L0 in ductile flow Ben @ 15.8 vertical and intact to EOT
L	158	183		5	5AD	rubble and broken core no core recovery as splinter chips fragments and rubble
L	183	198		6	3EP	18.3-19.5 = IND GAUGE w/ln recovery in that interval - lower contact of gauge may be out 70° to CA 19.8 = EOH

Metres

FAULT

DDH FAGU036
2 8

Cyprus Anvil Mining Corp.

Page _____ of _____

Structural Log

Date: _____ Logged By: _____

Code	From		To		Feature	E Dip	S ₀		S ₁		S ₂		Description
	10	14 16	20	22 24			26 28	Dip	Direct.	Dip	Direct.	Dip	
F	10	1	3	0	3B								badly broken
F	30		3	0	P	0							3.0m/3.8m w/ much of low probably 3-3.8
F	112		11	7	G								IND gauge - filling it crosscut S ₂ at high angle
F	135		13	6	G					70	0	0	gauge upper IND lower 70/000
													STEEP FAULT
F			15	0	D								floaters of 1000 & 400 in ductile flow zone
F	160		18	3	T	R	B						rubble & broken core poor chipping
F	160		18	3	P	3							0.6m/1.5m
F	183		19	5	G	P	0						1m/1.2m recovery Gauge IND lower contact may be @ 70°C.A.

DDH: FAGU036 -- 42 DEGREE PROFILE

(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1157 592376E ; 904838N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 433.1 Z = 1161.8

SECTION NAME: 68W

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 11 JUN 1984 2:20 PM



TRD
P

19.8 METRES
0.0
DDH-METRES

DDH: FAGU036 -- 42 DEGREE PROFILE

(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1157 592376E ; 904838N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 433.1 Z = 1161.8

SECTION NAME: 68W

3880 45804 (OP(904W) BOTH M
300 / 410



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 11 JUN 1984 2:19 PM

90587
ELEV 1157

19.8 METRES
3.4
0.0 22.9
DDH-METRES

FAGU037

84/10/16

GRUM DATABASE - QUIZ REPORT

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DDH	SAMPLE	---DEPTHS---		INT	REC	ROCK	S.G.	CU	PB	ZN	AG	AU	PO	PY	BAD	PB+ZN	PO+PY	ZN
		FROM	TO	M	%	UNIT		%	%	%	G/MT	G/MT	%	%	%	%	%	RATIO
FAGU037	90588	10.1	10.7	.6	100	4E4			2.15	5.07	32.2					7.22		.70
	90589	10.7	12.2	1.5	100	4E4			2.10	4.98	49.4					7.08		.70
	90590	12.2	13.7	1.5	100	4EAG			2.60	5.68	47.3					8.28		.69
	90591	13.7	15.2	1.5	40	4EG4			4.70	13.68	97.7					18.38		.74
	90592	15.2	16.8	1.6	25	4E4			4.93	12.76	80.6					17.69		.72
	90593	16.8	18.3	1.5	80	4E4			4.80	10.26	86.7					15.06		.68
	90594	18.3	19.8	1.5	67	4E4			6.51	13.37	98.7					19.88		.67
	90595	19.8	21.3	1.5	100	4E4			6.36	13.12	99.8					19.48		.67
	90596	21.3	22.9	1.6	87	4E4			4.65	6.77	80.6					11.42		.59
	90597	22.9	24.4	1.5	100	4A31			1.43	1.68	24.3					3.11		.54
	90598	24.4	25.9	1.5	93	4A31			1.18	1.75	24.3					2.93		.60

84/10/16

GRUM DATABASE - QUIZ REPORT

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DDH	SAMPLE	ROCK UNIT	CPY	NORMATIVE MINERALS - WEIGHT %					OTHER	*	CPY	NORMATIVE MINERALS - VOLUME %					OTHER
				GA	SP	PO	PY	BAR				GA	SP	PO	PY	BAR	
FAGU037	9C588	4E4		2.48	7.56				89.96	*							
	90589	4E4		2.43	7.42				90.15	*							
	9C590	4EAG		3.00	8.47				88.53	*							
	9C591	4EG4		5.43	20.39				74.18	*							
	9C592	4E4		5.69	19.02				75.28	*							
	9C593	4E4		5.54	15.30				79.16	*							
	90594	4E4		7.52	19.93				72.55	*							
	90595	4E4		7.35	19.56				73.10	*							
	90596	4E4		5.37	10.09				84.54	*							
	90597	4A31		1.65	2.50				95.84	*							
	9C598	4A31		1.36	2.61				96.03	*							

DRILL HOLE : FAGUC37
NORTHING : 904,839.5
EASTING : 592,377.0
ELEVATION : 1,157.1
TOTAL DEPTH : 53.3
SECTION : W 69
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
CHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS CRE-SAMPLES: 11
NOS DOWN-H-SURVEYS: 1
NOS DOWN-H-LITHOLOGY: 7
NOS DOWN-H-STRUCTURE: 11
NOS DOWN-H-FAULTS: 10
NOS DOWN-H-SPLINES: 1
NOS COMPOSITES: 0

DI
 00H: FAG0037

UTM-N: 904,939.5 UTM-E: 592,377.0 UTM-ELEV: 1,157.1
 RFE: S2 RFE DIP: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

TOTAL DEPTH: 53.5 SECTION: W 69

---DEPTHS---		SAMPLE NO.	INT.	REC.	ROCK UNIT	---ASSAYS---													
FROM	TO					S.G. PULP	CU %	PS %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AL(FA) G/MT	PC %	PY %	TGT FE	BAC %	HG %	MN %	AS %
10.1	10.7	9C533	.6	.6	4E4			2.15	5.07	32.20									
10.7	12.2	9C589	1.5	1.5	4E4			2.10	4.98	49.40									
12.2	13.7	9C590	1.5	1.5	4EAG			2.60	5.68	47.30									
13.7	15.2	9C591	1.5	.6	4EG4			4.70	13.68	97.70									
15.2	16.8	9C592	1.6	.4	4E4			4.93	12.76	80.60									
16.8	18.3	9C593	1.5	1.2	4E4			4.80	10.26	86.70									
18.3	19.8	9C594	1.5	1.0	4E4			6.51	13.37	98.70									
19.8	21.3	9C595	1.5	1.5	4E4			6.36	13.12	99.80									
21.3	22.9	9C596	1.6	1.4	4E4			4.65	6.77	80.60									
22.9	24.4	9C597	1.5	1.5	4A31			1.43	1.68	24.30									
24.4	25.9	9C593	1.5	1.4	4A31			1.18	1.75	24.30									

WEIGHTED AVERAGE

10.1 25.9 15.8 12.6 3.86 8.29 67.69

GROUP

UTM-ELEV: (1/157.1)

PAGE: 3

LOG: FAGU037 UTM-N: 164719.5 UTM-E: 592177.6 UTM-ELEV: 1157.1 TOTAL DEPTH: 53.3 SECTION: W 69
RFE: 52 RFE DIR: 230 PLUNGE ANGLES: 11 312 OHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	80.800	95.400

UNIT-LOG LITHOLOGY (L.P. 1)

DDH: FAG0057 UTM-N: 904739.5 UTM-E: 52377.0 UTM-ELEV: 1157.1 TOTAL DEPTH: 53.3 SECTION: W 69
 RFE: 52 RFE DIR: 250 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	INC
2.1	0001	#		0.5-	1
10.1	0002	3GC	(10QC 3S)	0.5-	1
16.7	0003	4E4	BXA (4E5) (4A3) (4G4)	0.5-	1
21.9	0004	4E4	PCROUS	0.5-	1
22.1	0005	4G4		0.5-	1
38.6	0006	4A31		0.5-	1
53.3	0007	3GC	(10QC 3*)	0.5-	1

JOB: FAGUC37 UTM-N: 964734.1 UTM-E: 590377.0 UTM-ELEV: 1,157.1 TOTAL DEPTH: 53.3 SECTION: W 69
 RFE: 32 RFE DIP: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYTRY	SC	ANGLE	DIRECT	S1	ANGLE	DIRECT	S2	ANGLE	DIRECT	RFE	CDE	DHDC	SDC	PROCESS
FAGUC37	0.0	3.7	PS2	P	C	0	0	0	0	0	25	230	230	C		1	1	1
FAGUC37	0.0	6.8	CS2		C	0	0	0	0	0	35	230	230	C		1	1	1
FAGUC37	0.0	19.9	PS2	P	C	0	0	0	0	0	45	230	230	C		1	1	1
FAGUC37	0.0	23.5	CS2		C	0	0	0	0	0	18	230	230	C		1	1	1
FAGUC37	0.0	27.0	CS2		C	0	0	0	0	0	25	230	230	C		1	1	1
FAGUC37	0.0	32.0	PS2	P	C	0	0	0	0	0	1	230	230	C		1	1	1
FAGUC37	0.0	34.2	CS2		C	0	0	0	0	0	5	230	230	C		1	1	1
FAGUC37	0.0	41.3	CS2		C	0	0	0	0	0	8	230	230	C		1	1	1
FAGUC37	0.0	44.5	CS2		C	0	0	0	0	0	15	230	230	C		1	1	1
FAGUC37	0.0	50.3	PS2	P	C	0	0	0	0	0	20	230	230	C		1	1	1
FAGUC37	0.0	53.1	PS2	P	C	0	0	0	0	0	48	230	230	C		1	1	1

DDH: FAGUC37 UTM-N: 904,839.5 UTM-E: 592,377.0 UTM-ELEV: 1,157.1 TOTAL DEPTH: 53.3 SECTION: W 69
 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			
FAGUC37	0.1	2.1	3R				0	0	C	C	0	0	1
FAGUC37	6.1	10.1	P	4			0	0	C	C	0	0	1
FAGUC37	13.7	15.2	P	2			C	0	C	C	0	0	1
FAGUC37	15.2	16.8	P	1			C	0	C	C	0	0	1
FAGUC37	16.8	18.3	PR	6			C	0	C	C	0	0	1
FAGUC37	10.1	18.7	XD?				C	0	C	C	0	0	1
FAGUC37	18.7	21.9	1D				C	0	C	C	0	0	1
FAGUC37	37.2	38.9	PF	2			0	0	C	C	0	0	1
FAGUC37	37.0	39.5	XR8				0	0	C	C	0	0	1
FAGUC37	39.5	53.3	1R				0	0	C	C	0	0	1

DDH: FAG037 UTM-N: 904039.5 UTM-E: 592377.0 UTM-ELEV: 1157.1 TOTAL DEPTH: 53.3 SECTION: W 69
RFE: -82 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH SEGMENT NOS COND INDICATOR

FAG037 1 1

84/10/16

GRUM DATABASE - QUIZ REPORT

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DDH	SAMPLE	---DEPTHS---		INT	REC	ROCK	S.G.	CU	PB	ZN	AG	AU	PO	PY	BAD	PB+ZN	PC+PY	ZN	
		FROM	TO	M	%	UNIT		X	X	X	G/MT	G/MT	X	X	X	X	X	RATIO	
FAGU037	9C588	10.1	10.7	.6	100	4E4													
	9C589	10.7	12.2	1.5	100	4E4		2.15	5.07	32.2									
	9C590	12.2	13.7	1.5	100	4E4G		2.10	4.98	49.4						7.22			.70
	9C591	13.7	15.2	1.5	40	4EG4		2.60	5.68	47.3						7.08			.70
	9C592	15.2	16.8	1.6	25	4E4		4.70	13.68	97.7						8.28			.69
	9C593	16.8	18.3	1.5	80	4E4		4.93	12.76	80.6						18.38			.74
	9C594	18.3	19.8	1.5	67	4E4		4.80	10.26	86.7						17.69			.72
	9C595	19.8	21.3	1.5	100	4E4		6.51	13.37	98.7						15.06			.68
	9C596	21.3	22.9	1.6	87	4E4		6.36	13.12	99.8						19.88			.67
	9C597	22.9	24.4	1.5	100	4A31		4.65	6.77	80.6						19.48			.67
	9C598	24.4	25.9	1.5	93	4A31		1.43	1.68	24.3						11.42			.59
								1.18	1.75	24.3						3.11			.54
																2.93			.60

CYPRUS ANVIL MINING CORPORATION

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DIAMOND DRILL CORE LOG

Date: _____

Hole Number: FAGU 037

Reference Fabric Orientation Diagram:

Project: GRUM

Location: 69W

Claim: _____

UTM
conversion of
A surveyed grid
co-ords
Terr. Plane
Co-ords.: 6904839.5 N

592377.0 E

Grid
Co-ords: 69W

All symmetry determinations looking

Elevation: 1157.1 m.

_____ with _____ dipping

Total Depth: 53.3

_____ with dip azimuth _____.

Purpose: _____

Reason hole
Terminated: _____

Logged by: _____

Date(s) Logged: _____

Drilling
Contractor: _____

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

Hole
Cemented: _____

Steel down
hole: _____

Started: _____ Completed: _____

Code	From				To				Recov.	No.	Unit	Description
	10	14	16	20	22	24	26	28				
L		00		21						1	*	rubble of all types including cement. = Fill, mainly 360
L		21		101						2	360	(000 ± * dol) unit is normal 360 with slightly darker S ₂ folia <i>see below</i> no stringers or speckles just boring. major core loss from 8.1 to 10.1 only 1.7m recy over that interval most loss between 7.6-9.1 = major fault ?? but no gauge recovered.
L		101		187						3	4E0	(4E5, 4A3, 4G4, 4E4) entire interval bxd with S ⁼ in S ⁼ and well ex in S ⁼ brecc. No gauge (00 ± sphul gal) 12.7-13.1 main zone of 4A clasts 13.4-13.9 main zone of 4G4 clasts 17.3-18.7 main 4E clasts remainder of unit is randomly distrib 4E and 4E5 clasts mainly poor recovery and core loss 13.7-15.2 = .4m recy, 15.2-16.7 = .3m recy 16.7-18.3, 1m recy = only zone of rubble recovery.
L		187		219						4	4E4	porous - unbxd. essentially intact with no major core loss, weakly banded rare low sphul high grade local imp S ⁼ in S ⁼ brecc. texture.
L		219		221						5	4E4	intact, difficult, and weakly banded - high grade
L		221		388						6	4A31	with 5m - 2cm thick py bands with py ≈ 40% of vol in black "clastic" matrix - py very abundant facies - excellent examples of continuous py bands with S, H ₂ , HCA to 600 much of interval.

Metres

FAULT

DDH EAGU037
2 8

Cyprus Anvil Mining Corp.

Page _____ of _____

Structural Log

Date: _____ Logged By: _____

Code	From				To				Feature	S ₀ Dip Direct.	S ₁ Dip Direct.		S ₂ Dip Direct.		Description
	10	14	16	20	22	24	26	28			32	34	38	40	
F		10	1		12	1	3R4								rubble of all types - including cement
F		16	1		110	1	A	4							1.7m/4.0m major core loss - no gauge
F		110	1		118	7	XID1 ⁷								entire interval broken w/ 5° in 5° and well rock in 5° bxa No gauge
F		113	7		115	2	P1	2							poor recovery 0.4m/1.5
F		115	2		116	8	P1	1							poor recovery 0.3m/1.6m
F		116	8		118	3	PR1	6							poor recovery, rubble 1m/1.5m
F		118	7		121	9	1D1								local incipient 5° in 5° bxa
F		131	7	0	131	9	X1R1B								brittle bxa - broken & rubble
		131	7	2	131	8	P1F1	2							core loss - 0.5/1.7 interval 36.6-39.3 has only 1.5m recovered
		131	9	5	153	3	11B1								1 broken - because of core angle to S ₂ - recovery OK - not fault related

DIAMOND DRILL RECORD

LOGGED BY Glenn Jeter

March 5/76

Typed & R.

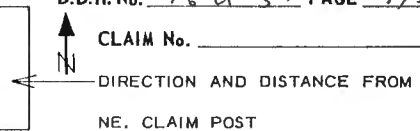
PROPERTY Grinn Joint Venture (Under ground)

D.D.H. No. 76 U-37 PAGE 1/3

LATITUDE 10633.28 BEARING OF HOLE 93°23' STARTED March 5/76

DEPARTURE 7681.65 DIP OF HOLE +9°12' COMPLETED March 8/76

ELEVATION 1167.74 DIP TESTS none DEPTH Proposed: 53.3 Ultimate: 53.3



FOOTAGE		DESCRIPTION	Rec. Ft.	Sample No.	Footage		Sample Length	Assay			Assay x Feet			
FROM	TO				From	To		Pb	Zn	Ag %	Au	Cu	Pb	Zn
0	10.1	Quartz Sericite Phyllite dark gray, well foliated, $F_2 = 20^\circ$, fracturing @ 70° , parting along F_2 common details 0-1.8 as above fractured and broken, massive sulphide 0.9-1.0 (?), * @ 1.0 4cm of cement (possible intersection with surface hole). 1.8-2.5(?) as above sheared pulverized 2.5-7.6 as above, competent; qtz veins @ 4.8 and 5.1, 10cm wide @ 70° 7.6-10.1 as above, strongly fractured and broken sheared in part	6.0 10.1											
10.1	30.1	Sulphida Zone interbanded quartz sulphida with graphite and massive sulphite, F_2 where present = 30° , F_1 and sulphida banding = 70° , details	0.6 0.6 1.5 1.5 0.6 1.5 0.4 1.4	1752 1753 1754 1755 1756	30 40 30 60 60	6 4 6 20 20	10.1 10.7 12.2 13.7 15.2	10.7 12.2 13.7 15.2 16.8	0.6 2.15 2.10 2.60 1.70 1.6	5.07 4.78 5.68 13.68 12.76	32.03 44.37 47.31 47.72 20.57	1.29 3.15 7.05 7.88	3.042 7.47 20.52 20.416	14.218 74.055 146.58 205.912

Interval		DESCRIPTION	Recovery		Sample No	Interval		Sample Length	Assay					Assay x		
From	To		F ₁	PL ₂		From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag
10.1	13.4	Quartz Sulphide with Graphite	60	20	1757	16.8	18.3	1.5	4.25	12.16	70.79			1.20	15.24	130.11
		competent, 10% graphite, 50% sulphide	60	20	1758	18.3	19.8	1.5	6.91	11.27	42.14			1.765	20.055	115.11
		brecciated texture common, fragment	60	20	1759	19.8	21.3	1.5	6.36	12.12	49.77			1.54	19.64	149.655
		av. len, matrix mainly qtz and	45	15	1760	21.3	22.9	1.6	4.64	6.77	80.57			1.44	10.832	129.912
		sulphide, 11.8-12.4 massive sulphide	15	1	1761	22.9	24.4	1.5	1.43	1.68	24.24			2.145	2.52	26.51
13.4	21.8	Massive Sulphide, granular	20	2	1762	24.4	25.9	1.5	1.18	1.75	24.24			1.77	2.625	26.51
		and porous, generally														
		competent foldnose @ 18.6,			6.4	10.1	12.2	2.1	2.12	5.00	40.4			4.44	10.512	13.273
		quartz sulphide with graphite			13.9	13.7	22.9	9.2	5.37	11.7	90.5			48883	106.843	832.271
		18.1-18.4			13.9	22.9	25.9	3.1	1.31	1.71	24.24			3.915	5.145	73.02
21.8	38.1	Quartz Sulphides with graphite														
		20% sulphide, 15% graphite, F ₁														
		@ 70° circulated and locally														
		x cut by F ₂ @ 10°, generally														
		competent, fracturing @ 30°, 45°, 20°														
		sulphide (py) as disseminate in qtz														
		rich bands, 37.8-38.1 as above														
		but ground into fragments av.														
		1cm diameter (full core recovery)														
					14.8											
38.1	53.3	Quartz Sericite Phyllite			15.2											
		silvery grey, well foliated F ₂ = 15°, generally														
		competent, fractures @ 0°, 70°, 38.1-39.3 strongly														

very Pb. Zn. ?

LOGGED I

Interval
From

0 15 interval geo count (sub 2.20?)

10.1 0.6 9.22
12.2 1.8 7.08
13.2 1.8 8.28
14 1.8 18.38
14.6 12.69
14.8 18.06
15 19.38
15.3 19.48
16 11.42
16.8 8.11
18 8.82

7.2
2.1"
16.93
7.2"
4.42
2.1"
3.02
3.0"

533
200.

381 5

secy)

14.8
15.2

at $F_c = 15^\circ$, generally

competent, fractures @ $0^\circ, 70^\circ, 39.1-39.3$ strongly

P, PLZ	Recovery	Sample NO	Interval		Sample Length	Assay					Assay x		
			From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag
20	1.2 1.5	1757	16.8	18.3	1.5	4.80	13.26	26.74			1.20	15.39	130.11
60	1.0 1.6	1758	18.2	19.8	1.5	6.51	13.37	42.14			1.765	20.055	145.11
60	1.5 1.5	1759	19.8	21.3	1.5	6.36	13.12	99.77			1.54	19.68	149.655
45	1.4 1.6	1760	21.3	22.9	1.6	4.65	6.77	20.57			7.44	10.832	129.912
15	1.5 1.5	1761	22.9	24.4	1.5	1.43	1.68	24.34			2.145	2.32	26.51
20	1.4 1.5	1762	24.4	25.9	1.5	1.18	1.75	24.34			1.77	2.625	26.51
		W.A	10.1	12.2	2.1	2.12	5.00	40.9			4.44	10.512	13.273
		W.A	13.7	22.9	9.2	5.32	11.7	90.5			48.853	106.893	232.279
		W.A	22.9	25.9	3.0	1.21	1.71	24.34			3.915	5.145	73.02

why Pb Zn?

DDH: FAGU037 -- 42 DEGREE PROFILE

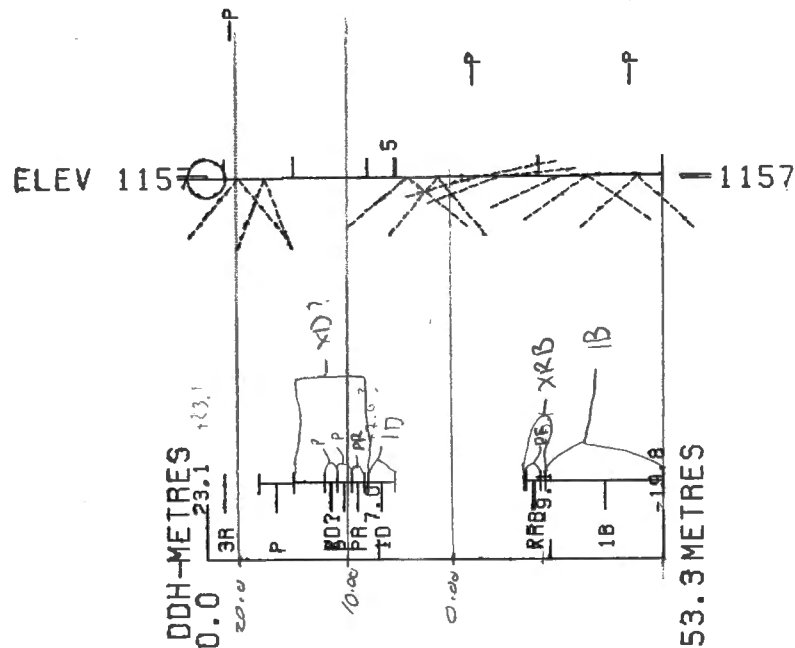
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1157 592377E ; 904840N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 434.6 Z = 1161.6

SECTION NAME: 68W



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 11 JUN 1984 2:22 PM



DDH: FAGU037 -- 42 DEGREE PROFILE

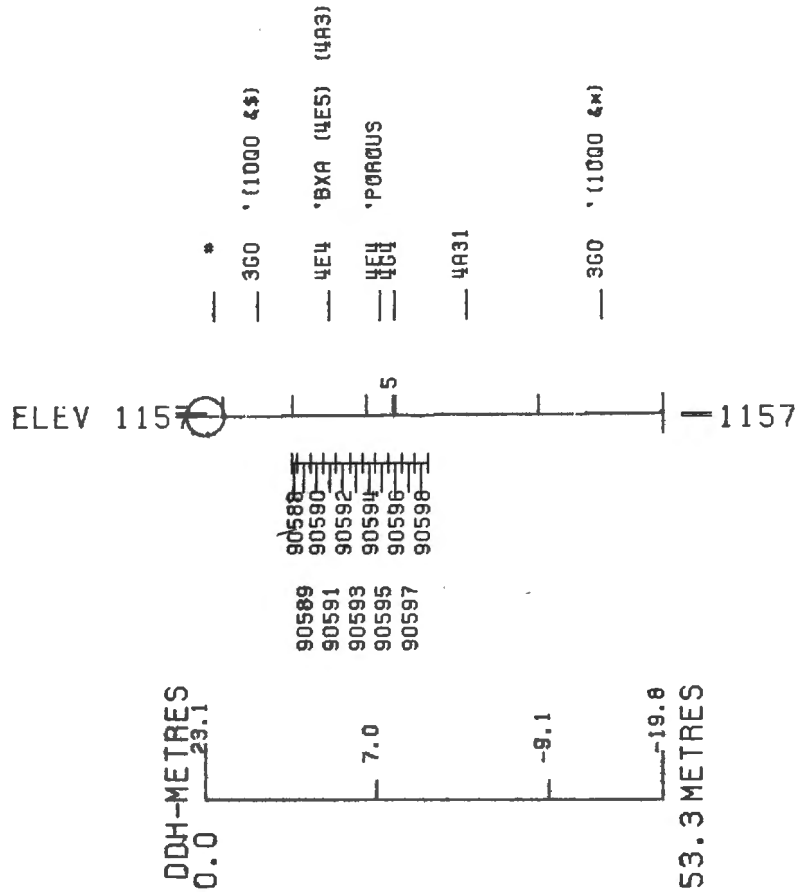
(VIEW, AZIMUTH, = 312 DEGREES)

ELEV: 1157 592377E ; 904840N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 434.6 Z = 1161.6

SECTION NAME: 68W



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 11 JUN 1984 2:21 PM

76 U181

84/10/16

GRUM DATABASE - QUIZ REPORT

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

84/10/16

GRUM DATABASE - QUIZ REPORT

PAGE 27

DDM	SAMPLE	ROCK UNIT	NORMATIVE MINERALS - WEIGHT %							OTHER	*	NORMATIVE MINERALS - VOLUME %						
			CPY	GA	SP	PO	PY	BAR	CPY			GA	SP	PO	PY	BAR	OTHER	
FAGU181	5229	4E4	.46	7.36	20.20	7.11	49.89		14.98	*	.48	4.24	21.85	6.69	43.17		23.57	
	5230	4E4	.43	10.63	22.68	5.99	43.01		17.26	*	.44	6.06	24.26	5.57	36.81		26.86	
	5231	4E4	.72	8.47	17.93	4.04	56.77		12.06	*	.77	5.04	20.01	3.92	50.68		19.58	
	5232	4E4	.46	4.63	13.64	5.52	71.61		4.13	*	.52	2.92	16.11	5.67	67.68		7.10	
	5233	4E4	.69	6.87	19.11	5.25	48.60		19.47	*	.69	3.85	20.07	4.80	40.84		29.74	
	5234	4G4	.58	5.61	14.92	2.11	33.76		43.02	*	.50	2.72	13.58	1.67	24.58		56.94	
	5235	4D4	.29	11.32	31.75	5.13	24.09		27.43	*	.27	5.94	31.23	4.38	18.95		39.23	
	5236	4D4	.17	14.55	35.33	5.32	15.48		29.14	*	.16	7.56	34.42	4.50	12.07		41.29	
	5237	4G4	.35	5.40	13.49	2.66	43.87		34.23	*	.32	2.77	12.99	2.22	33.78		47.92	
	5238	4G4	.40	7.47	17.74	2.28	28.39		43.72	*	.35	3.61	16.07	1.80	20.57		57.60	
	5239	4G4	.35	5.99	14.51	2.34	32.26		44.55	*	.30	2.89	13.11	1.84	23.32		58.55	
	5240	4G4	.32	5.76	13.52	2.17	29.25		48.98	*	.27	2.71	11.92	1.66	20.63		62.81	
	5241	4G0	.20	2.54	7.77	3.37	18.71		67.41	*	.15	1.08	6.20	2.34	11.93		78.28	
	5242	4G4	.58	6.68	12.03	1.81	46.67		32.24	*	.54	3.49	11.80	1.54	36.62		46.00	
	5243	4G4	.75	8.45	14.39	1.98	51.83		22.60	*	.75	4.71	15.04	1.80	43.34		34.36	

DRILL HOLE : FAGU181
NORTHING : 904,832.2
EASTING : 592,401.6
ELEVATION : 1,161.4
TOTAL DEPTH : 68.5
SECTION : W 68
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS CRE-SAMPLES: 15
NOS DOWN-H-SURVEYS: 1
NOS DOWN-H-LITHOLOGY: 13
NOS DOWN-H-STRUCTURE: 8
NOS DOWN-H-FAULTS: 4
NOS DOWN-H-SPLINES: 1
NOS COMPOSITES: 0

21FEB84 GRUM

CRE SAMPLES & ASSAYS (DHC20)

PAGE: 9

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

---DEPTHS---		SAMPLE NO.	INT.	REC.	ROCK UNIT	ASSAYS															
FROM	TO					S.G. PULP	CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	SA %	S.G. W.R.
.C	1.5	05229	1.5	1.2	4E4	4.52	.16	6.37	13.55	134.00		.96	4	23	27						
1.5	3.0	05230	1.5	1.5	4E4	4.13	.15	9.20	15.21	149.00		.69	3	20	23						
3.0	4.5	05231	1.5	1.5	4E4	4.83	.25	7.33	12.03	91.00	90.CC	1.03	2	26	28						
4.5	6.0	05232	1.5	1.5	4E4	4.84	.16	4.01	9.15	79.00		.89	3	33	36						
6.0	7.4	05233	1.4	1.4	4E4	4.38	.24	5.95	12.82	94.00		1.78	3	22	25						
7.4	8.0	05234	.6	.6	4G4	4.76	.20	4.86	10.01	113.00		1.65	1	15	17						
8.0	10.0	05235	2.0	2.0	4D4	3.99	.10	9.80	21.30	167.00		1.30	3	11	14						
10.C	11.8	05236	1.8	1.8	4D4	3.85	.06	12.60	23.70	199.00		1.51	3	7	10						
49.8	51.3	05237	1.5	1.5	4G4	4.42	.12	4.68	9.05	105.00		.89	1	20	22						
51.3	52.8	05238	1.5	1.4	4G4	4.62	.14	6.47	11.90	106.00		1.23	1	13	14						
52.8	54.3	05239	1.5	1.5	4G4	4.69	.12	5.19	9.73	94.00		1.10	1	15	16						
54.3	55.8	05240	1.5	1.5	4G4	4.32	.11	4.99	9.07	106.00		.55	1	13	14						
55.8	57.3	05241	1.5	1.5	4G0	3.44	.07	2.20	5.21	45.00	44.CC	.41	2	8	10						
57.3	58.8	05242	1.5	1.5	4G4	4.67	.20	5.78	8.07	118.00		1.30	1	21	22						
58.8	60.4	05243	1.6	1.6	4G4	4.61	.26	7.32	9.65	166.00		1.65	1	24	25						
WEIGHTED AVERAGE																					
.0	11.8		11.8	11.5		4.35	.15	7.95	15.60	133.14	11.44	1.19	3	19	22						
49.8	60.4		10.6	10.5		4.39	.14	5.25	8.96	106.28	6.22	1.02	1	16	18						

21FEB84 GRUM

DOWN-HOLE SURVEYS (DP02C)

PAGE: 10

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

DEPTH	ZENITH	AZIMUTH
0.000	87.000	224.000

21FEB84 GRUM

DOWN-HOLE STRUCTURE (DH020)

PAGE: 12

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

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	DIRECT	S1 ANGLE	DIRECT	S2 ANGLE	DIRECT	RFE	COE	DHDC	SDC	PROCESS
FAGU181	0.0	13.5	CS2		0	0	0	0	20	230	C		1	1	1
FAGU181	0.0	21.7	CS2		0	0	0	0	32	230	C		1	1	1
FAGU181	0.0	28.4	CS2		0	0	0	0	24	230	C		1	1	1
FAGU181	0.0	34.3	CS2		0	0	0	0	32	230	C		1	1	1
FAGU181	0.0	40.0	CS2		0	0	0	0	27	230	C		1	1	1
FAGU181	0.0	49.0	CS2		0	0	0	0	46	230	C		1	1	1
FAGU181	0.0	55.2	CS2		0	0	0	0	40	230	C		1	1	1
FAGU181	0.0	67.7	CS2		0	0	0	0	17	230	C		1	1	1

21FEB84 GRUM

DOWN-HOLE FAULTS (DH020)

PAGE: 13

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

DDH	F DEPTH	T DEPTH	FEAT	REC	CD	PARLL	UPPER PLANE	INTERNAL PLANE	LOWER PLANE	DHD			
FAGU181	11.8	12.1	G				0	0	C	C	0	0	1
FAGU181	16.0	16.2	G				0	0	C	C	0	0	1
FAGU181	30.7	31.0	G				0	0	C	C	0	0	1
FAGU181	49.1	49.8	1Q				0	0	C	C	0	0	1

21FEB84 GRUP

DOWN-HOLE SPLINES (DHO20)

PAGE: 14

DDH: FAGU181 UTM-N: 904,832.2 UTM-E: 592,401.6 UTM-ELEV: 1,161.4 TOTAL DEPTH: 66.5 SECTION: W 68
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH SEGMENT NOS COND INDICATOR

FAGU181 1 1

84/10/16

GRM DATABASE - QUIZ REPORT

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DDM	SAMPLE	ROCK UNIT	CPY	NORMATIVE MINERALS - WEIGHT %			OTHER	*	CPY	NORMATIVE MINERALS - VOLUME %			OTHER		
				GA	SP	PO				PY	BAR	GA		SP	PO
FAGU181	5229	4E4	.46	7.36	20.20	7.11	49.89	14.98	*	-.48	4.24	21.85	6.69	43.17	23.57
	5230	4E4	.43	10.63	22.68	5.99	43.01	17.26	*	-.44	6.06	24.26	5.57	36.81	26.86
	5231	4E4	.72	8.47	17.93	4.04	56.77	12.06	*	-.77	5.04	20.01	3.92	50.68	19.58
	5232	4E4	.46	4.63	13.64	5.52	71.61	4.13	*	-.52	2.92	16.11	5.67	67.68	7.10
	5233	4E4	.69	6.87	19.11	5.25	48.60	19.47	*	-.69	3.85	20.07	4.80	40.84	29.74
	5234	4G4	.58	5.61	14.92	2.11	33.76	43.02	*	-.50	2.72	13.58	1.67	24.58	56.94
	5235	4D4	.29	11.32	31.73	5.13	24.09	27.43	*	-.27	5.94	31.23	4.38	18.95	39.23
	5236	4D4	.17	14.55	35.33	5.32	15.48	29.14	*	-.16	7.56	34.42	4.50	12.07	41.29
	5237	4G4	.35	5.40	13.49	2.66	43.87	34.23	*	-.32	2.77	12.99	2.22	33.78	47.92
	5238	4G4	.40	7.47	17.74	2.28	28.39	43.72	*	-.35	3.61	16.07	1.80	20.57	57.60
	5239	4G4	.35	5.99	14.51	2.34	32.26	44.55	*	-.30	2.89	13.11	1.84	23.32	58.55
	5240	4G4	.32	5.76	13.52	2.17	29.25	48.98	*	-.27	2.71	11.92	1.66	20.63	62.81
	5241	4G4	.20	2.54	7.77	3.37	18.71	67.41	*	-.15	1.08	6.20	2.34	11.95	78.28
	5242	4G4	.58	6.68	12.03	1.81	46.67	32.24	*	-.54	3.49	11.80	1.54	36.62	46.00
	5243	4G4	.75	8.45	14.39	1.98	51.83	22.60	*	-.75	4.71	15.04	1.80	43.34	34.36

84/10/16

GRUM DATABASE - QUIZ REPORT

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DDH	SAMPLE	---DEPTHS---	INT	REC	ROCK	S.G.	CU	PB	ZN	AG	AU	PO	PY	BAO	PB+ZN	PO+PY	ZN
		FROM	TO	M	%	UNIT	%	%	%	G/MT	G/MT	%	%	%	%	%	RATIO
FAGU181	5229	.0	1.5	1.5	80	4E4	4.52	.16	6.37	13.55	134.0	.96	4.52	23.20	19.92	27.72	.68
	5230	1.5	3.0	1.5	100	4E4	4.13	.15	9.20	15.21	149.0	.69	3.81	20.00	24.41	23.81	.62
	5231	3.0	4.5	1.5	100	4E4	4.83	.25	7.33	12.03	91.0	1.03	2.57	24.40	19.36	28.97	.62
	5232	4.5	6.0	1.5	100	4E4	4.84	.16	4.01	9.15	79.0	.89	3.51	33.30	13.16	36.81	.70
	5233	6.0	7.4	1.4	100	4E4	4.38	.24	5.95	12.82	94.0	1.78	3.34	22.60	18.77	25.94	.68
	5234	7.4	8.0	.6	100	4G4	4.76	.20	4.86	10.01	113.0	1.65	1.34	15.70	14.87	17.04	.67
	5235	8.0	10.0	2.0	100	4D4	3.99	.10	9.80	21.30	167.0	1.30	3.26	11.20	31.10	14.46	.68
	5236	10.0	11.8	1.8	100	4D4	3.85	.06	12.60	23.70	199.0	1.51	3.38	7.20	36.30	10.58	.65
	5237	49.8	51.3	1.5	100	4G4	4.42	.12	4.68	9.05	105.0	.89	1.69	20.40	13.73	22.09	.66
	5238	51.3	52.8	1.5	93	4G4	4.62	.14	6.47	11.90	106.0	1.23	1.45	13.20	18.37	14.65	.65
	5239	52.8	54.3	1.5	100	4G4	4.69	.12	5.19	9.73	94.0	1.10	1.49	15.00	14.92	16.49	.65
	5240	54.3	55.8	1.5	100	4G4	4.32	.11	4.99	9.07	106.0	.55	1.38	13.60	14.06	14.98	.65
	5241	55.8	57.3	1.5	100	4G0	3.44	.07	2.20	5.21	45.0	.41	2.14	8.70	7.41	10.84	.70
	5242	57.3	58.8	1.5	100	4G4	4.67	.20	5.78	8.07	118.0	1.30	1.15	21.70	13.85	22.85	.58
	5243	58.8	60.4	1.6	100	4G4	4.61	.26	7.32	9.65	166.0	1.65	1.26	24.10	16.97	25.36	.57

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 76-U181

Fabric Orientation Diagram:

Project: GRUM

Location: VANGORDA PLATEAU

Claim: _____

Conversion of K-A surveyed grid co-ords

UTM
Terr. Plane
Co-ords.: 6904832.60¹⁵⁶ N

592401.83⁵⁹⁶⁷ E

Grid
Co-ords.: 68W/2N

All symmetry determinations looking

_____ with _____ dipping

Elevation: 1161.402

_____ with dip azimuth _____.

Total Depth: 68.6 m

Purpose: _____

^{RE} Logged by: PN

Date(s) Logged: JUNE 8/80

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

BQ 0 EOH

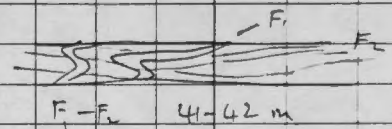
Started: 6/9/76 Completed: 7/9/76

Lithologic Log

Code	From		To		Unit		Code	Description
	10	14	16	20	22	23		
L	100		174		11		4E10 ⁴	banded in sections; minor siliceous bands; most siliceous bet. 6.7 - 7.2m.; minor sph, gal; highly porous in sections
L	174		180		12		4G10 ⁴	minor sph, gal
L	180		118		13		4D14	abundant red sph; py; minor gal.
L	118		140		14		5B16	<u>gouge from 11.8-12.1m.</u> ; minor thin qtz veins; ankeritic veins;
L	140		196		15		4L13	minor py; qtz lenses; gouge from 16.0-16.2m.
L	196		1321		16		5B10	minor qtz-baritic lenses w/ py in fractures; <u>gouge from 30.7-31.0m.</u>
L	1321		1335		17		5A10	slightly calcareous; w/ qtz-ankeritic veins w/ py
L	1335		1342		18		4L10	somewhat siliceous
L	1342		1473		19		5B10	minor graphite layers; py-bearing qtz lenses; numerous dark irregular calcite fracture fillings
L	1473		1498		110		5A10	as unit 7; but very calcareous; 49.1-49.8m abundant ankerite & qtz (+barite?)
L	1498		1604		111		4G14	slightly calcareous; w/ sph & lesser galena; finely banded
L	1604		1655		112		4L12	slightly calcareous; w/ malposite; calcareous-qtz veins; 4G4 from 61.1-61.2m; 62.5-62.6m.
L	1655		1618		113		5A10	minor py, qtz-calcite veins.
			1E10H					

JBN

Interval		DESCRIPTION	Recovery	Sample No	Interval		Sample Length	Assay					Assay z				
From	To				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag		
11.0	19.8	CREAM BLEACHED QU-SER PHYLLITE S _b Rock broken, with muddy gouge at 16-16.2 local thin qu-veins. CA. 14 = 2<F ₂ ; 16 = gouge, F ₂ = 20; 18 = F ₂ = 20.	0.1	✓	13.1	14.6	1.5										
			0.2	✓	18.3	19.2	1.5										
			0.2	✓	19.8	21.3	1.5										
19.8	32.5	GREY QU-SERICITE PHYLLITE S Med-dk gray, mica-rich phyllite not v. quartzose. Thin veins of qu, with local blobs of py, po F ₂ foliation sub-parallel to core axis. Broken gouge 30.5-32: CA. 20 = F ₂ = 8; 22 = F ₂ = 30; 24 = F ₂ = 28; 26 = F ₂ = 20; 28 = F ₂ = 20; 30 = F ₂ = 17; 32 = 30F ₂ .															
			0.5	✓	32	33.5	1.5										
32.5	49.8	BLACK GRAPHITIC PHYLLITE G Thin zone of bleached-huff qu-ser phyl, with Small-scale F ₂ fold noses at 33.5-34 Minor pyrite Unit becomes quartzose from 38 on More striped with net veins of white qu-carbonate. Rock broken 35-39.6. Minor py. Nels. CA: 34 = F ₂ = 41, 36 = F ₂ = 44; 38 = F ₂ = 60, F ₂ = 40 S dip.	0.5	✓	35.1	36.6	1.5										
			0.7	✓	36.6	38.1	1.5										



DDH: FAGU181 -- 42 DEGREE PROFILE

(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1161

592402E ; 904832N

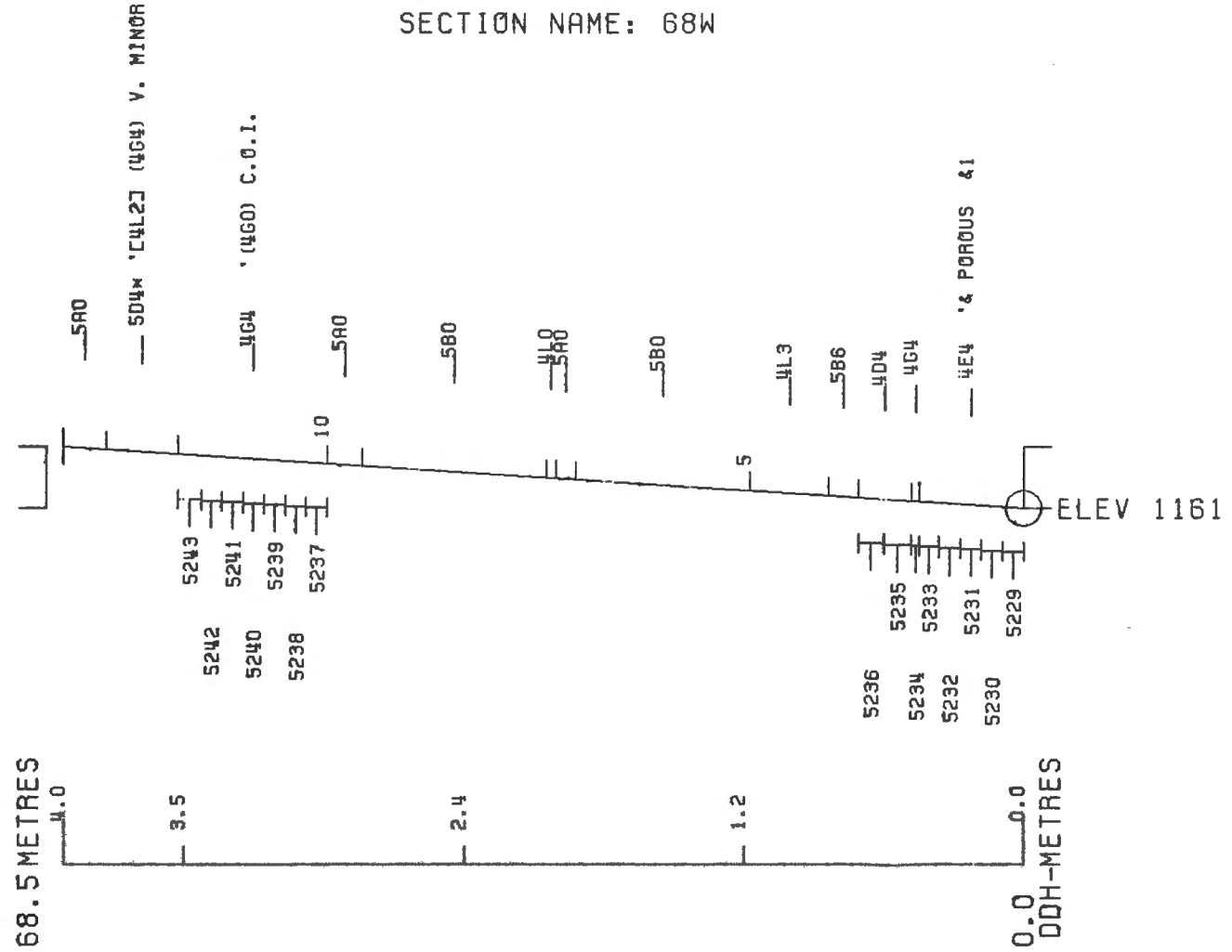
PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 445.6 Z = 1161.4

SECTION NAME: 68W



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 11 JUN 1984 2:14 PM



DDH: FAGU181 -- 42 DEGREE PROFILE
(VIEW AZIMUTH = 312 DEGREES)

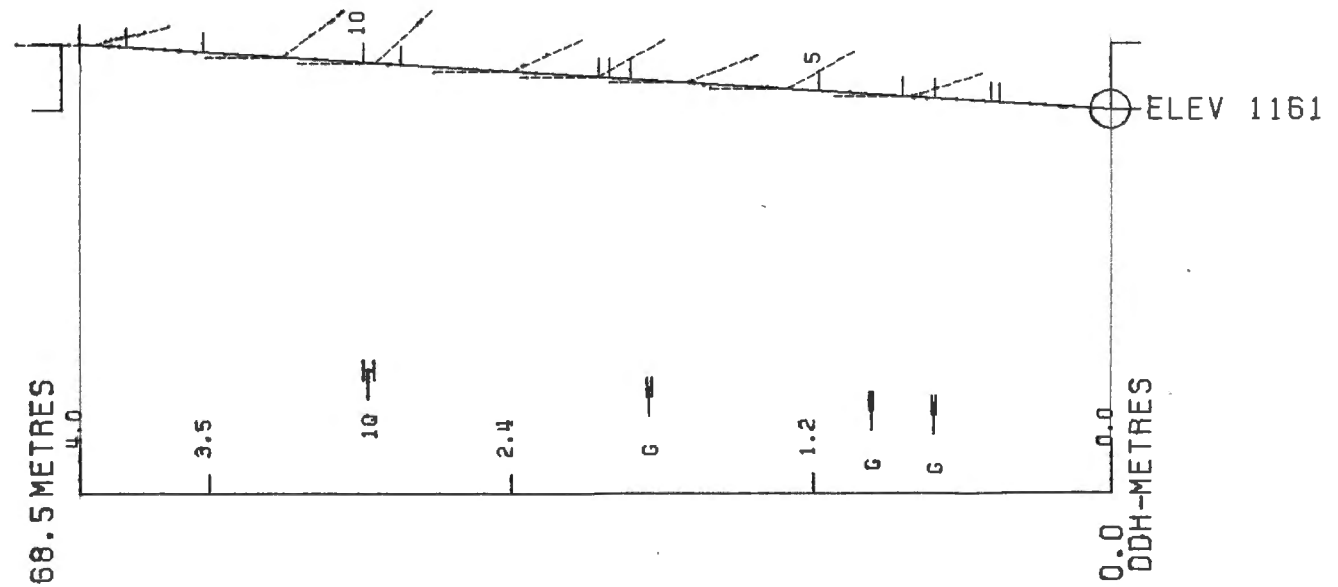
ELEV: 1161 592402E ; 904832N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 445.6 Z = 1161.4

SECTION NAME: 68W

* CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 11 JUN 1984 2:15 PM



76 U183

84/1C/16

GRUM DATABASE - QUIZ REPORT

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DDH	SAPPL	---DEPTHS---		INT M	REC X	ROCK UNIT	S.G.	CU X	PB X	ZN X	AG G/MT	AU G/MT	PO X	PY X	BAO X	PB+ZN X	PO+PY X	ZN RATIO
		FROM	TO															
FAGU183	5128	0.0	1.6	1.6		4E4	4.55	.20	5.23	11.40	84.0	.75	3.23	25.90		16.63	29.13	.69
	5129	1.6	3.0	1.4		4A0	3.07	.11	2.57	1.83	43.0	.82	1.54	13.30		4.40	14.84	.42
	5130	3.0	6.0	3.0		4AC3	3.68	.15	1.75	3.18	34.0	1.23	1.71	21.00		4.93	22.71	.65
	5131	6.0	7.5	1.5		4A34	3.42	.10	2.86	3.48	41.0	1.10	1.65	15.40		6.34	17.05	.55
	5132	7.5	9.7	2.2		4A34	3.42	.08	3.90	6.69	52.0	1.23	2.63	12.60		10.59	15.23	.63
	5133	9.7	11.2	1.5		4E4	4.52	.22	6.09	12.00	93.0	2.33	4.21	25.40		18.09	29.61	.66
	5134	11.2	12.7	1.5		4E4	4.45	.18	8.00	15.10	142.0	1.65	2.87	22.40		23.10	25.27	.65
	5135	12.7	14.2	1.5		4E4	4.30	.06	7.32	13.10	130.0	1.37	2.45	21.30		20.42	23.75	.64
	5136	14.2	15.7	1.5		4E4	3.71	.23	3.90	7.63	78.0	1.51	2.40	17.60		11.53	20.00	.66
	5137	15.7	17.2	1.5		4E4	4.09	.20	4.95	9.50	75.0	1.51	3.00	22.10		14.45	25.10	.66
	5138	17.2	18.3	1.1		4E4	4.35	.20	4.57	13.20	91.0	1.65	5.96	21.50		17.77	27.46	.74
	5139	18.3	20.3	2.0		4D4	3.61	.03	7.13	20.60	177.0	1.17	4.84	6.00		27.73	10.84	.74
	5140	20.3	21.9	1.6		4D4	3.54	.05	8.08	18.20	143.0	1.23	3.89	5.70		26.28	9.59	.69

84/10/16

GRUM DATABASE - QUIZ REPORT

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

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

DETAIL RECORD COUNTS:

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

21FEB84 GRUM

CRE SAMPLES & ASSAYS (DHC20)

PAGE: 2

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

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

21FEB84 GRUM

DOWN-HOLE SURVEYS (DPO20)

PAGE: 3

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

DEPTH	ZENITH	AZIMUTH
0.000	119.900	229.600

21FEB84 GRUM

DOWN-HOLE LITHOLOGY (DHO20)

PAGE: 4

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

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
1.6	OC01	4E4		0.5-	1
9.7	OC02	4A3	(4A0)TOI(4A84) (4C0) A:C=85:15	0.5-	1
18.3	OC03	4E4	& POROUS & BXA	0.5-	1
21.9	OC04	4D4		0.5-	1
31.9	OC05	5B6	(5D0) 90:10	0.5-	1
35.6	OC06	4LC	84	0.5-	1
76.2	OC07	5B0	82	0.5-	1

21FEB64 GRUM

DOWN-HOLE STRUCTURE (DHC20)

PAGE: 5

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

DDH	F DEPTH	T DEPTH	FEAT SYMTRY	SC ANGLE DIRECT	S1 ANGLE DIRECT	S2 ANGLE DIRECT	RFE CDE	DHDC	SDC	PROCESS			
FAGU183	0.C	6.1	CS2	0	0	C	C	11	230	C	1	1	1
FAGU183	0.C	9.5	CS2	0	0	0	C	29	230	C	1	1	1
FAGU183	0.C	21.8	CS2	0	0	C	C	50	230	C	1	1	1
FAGU183	0.C	24.8	CS2	0	0	0	C	26	230	C	1	1	1
FAGU183	0.C	28.7	CS2	0	0	0	C	20	230	C	1	1	1
FAGU183	0.C	33.2	CS2	0	0	0	C	20	230	C	1	1	1
FAGU183	0.C	39.0	CS2	0	0	0	C	36	230	C	1	1	1
FAGU183	0.C	45.4	CS2	0	0	0	C	27	230	C	1	1	1
FAGU183	0.C	48.3	CS2	0	0	0	C	24	230	C	1	1	1
FAGU183	0.C	50.3	CS2	0	0	0	C	28	230	0	1	1	1
FAGU183	0.C	65.4	CS2	0	0	0	C	22	230	C	1	1	1
FAGU183	0.C	70.5	CS2	0	0	0	C	33	230	C	1	1	1
FAGU133	0.C	74.5	CS2	0	0	0	C	40	230	C	1	1	1

21FEB84 GRUM

DOWN-HOLE FAULTS (DHC20)

PAGE: 6

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

DDH	F DEPTH	T DEPTH	FEAT	REC	CD	PARLL	UPPER PLANE	INTERNAL PLANE	LOWER PLANE	DHD			
FAGU183	0.7	0.9	XD?				C	0	C	C	0	0	1
FAGU183	0.0	10.0	XD?				0	0	C	0	0	0	1
FAGU183	15.6	18.3	XD?				0	0	C	0	0	0	1
FAGU183	21.9	24.4	G				C	0	C	C	0	0	1
FAGU183	37.1	37.5	Q				0	0	C	C	0	0	1
FAGU183	50.8	51.0	G				C	0	C	C	0	0	1
FAGU183	52.3	52.5	G				0	0	0	0	0	0	1
FAGU183	54.9	56.0	G				0	0	C	C	0	0	1
FAGU183	59.4	59.6	G				0	0	C	C	0	0	1
FAGU183	0.0	63.0	G				0	0	0	C	0	0	1
FAGU183	68.9	69.3	G				0	0	C	C	0	0	1

21FEB84 GRUM

DOWN-HOLE SPLINES (DH020)

PAGE: 7

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

DDH SEGMENT NOS COND INDICATOR

FAGU183 1 1

84/1C/16

GRUM DATABASE - QUIZ REPORT

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DDH	SAMPLE	---DEPTHS---		INT	REC	ROCK	S.G.	CU	PB	ZN	AG	AU	PD	PY	BAD	PB+ZN	PO+PY	ZN
		FROM	TO	M	%	UNIT		%	%	%	G/MT	G/MT	%	%	%	%	%	RATIO
FAGU1B3	5128	.0	1.6	1.6		4E4	4.55	.20	5.23	11.40	84.0	.75	3.23	25.90		16.63	29.13	.69
	5129	1.6	3.0	1.4		4A0	3.07	.11	2.57	1.83	43.0	.82	1.54	13.30		4.40	14.84	.42
	5130	3.0	6.0	3.0		4AC3	3.68	.15	1.75	3.18	34.0	1.23	1.71	21.00		4.93	22.71	.65
	5131	6.0	7.5	1.5		4A34	3.42	.10	2.86	3.48	41.0	1.10	1.65	15.40		6.34	17.05	.55
	5132	7.5	9.7	2.2		4A34	3.42	.08	3.90	6.69	52.0	1.23	2.63	12.60		10.59	15.23	.63
	5133	9.7	11.2	1.5		4E4	4.52	.22	6.09	12.00	93.0	2.33	4.21	25.40		18.09	29.61	.66
	5134	11.2	12.7	1.5		4E4	4.45	.18	8.00	15.10	142.0	1.65	2.87	22.40		23.10	25.27	.65
	5135	12.7	14.2	1.5		4E4	4.30	.06	7.32	13.10	130.0	1.37	2.45	21.30		20.42	23.75	.64
	5136	14.2	15.7	1.5		4E4	3.71	.23	3.90	7.63	78.0	1.51	2.40	17.60		11.53	20.00	.66
	5137	15.7	17.2	1.5		4E4	4.09	.20	4.95	9.50	75.0	1.51	3.00	22.10		14.45	25.10	.66
	5138	17.2	18.3	1.1		4E4	4.35	.20	4.57	13.20	91.0	1.65	5.96	21.50		17.77	27.46	.74
	5139	18.3	20.3	2.0		4D4	3.61	.03	7.13	20.60	177.0	1.17	4.84	6.00		27.73	10.84	.74
	5140	20.3	21.9	1.6		4D4	3.54	.05	8.08	18.20	143.0	1.23	3.89	5.70		26.28	9.59	.69

84/10/16

GRUM DATABASE - QUIZ REPORT

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

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 76-U183

Fabric Orientation Diagram:

Project: GRUM

Location: VANGORDA PLATEAU

Claim: _____

~~True~~ Plane Co-ords.: 6,904,832.²⁰¹60 N

592,401.⁵⁰²⁵83 E

Grid Co-ords.: 68W/2N

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

All symmetry determinations looking

_____ with _____ dipping

Elevation: 1160.581 with dip azimuth _____.

Total Depth: 76.2m

Purpose: _____

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

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

BQ 0 EDH

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

Lithologic Log

Code	From		To		Unit		Code	Description
	10	14	16	20	22	23		
L	100		116		11	6	11	4E10 ^H w/ gal, sph, minor qtz blebs; py breccia from 0.7-0.9m.
L	116		119	7	12		12	4A13 w/ minor sph & lesser gal. 4CO from 3.5-4.6m.
L	119		118	3	13		13	4E10 ^H py breccia at 10.0m; 15.6-18.3m; highly porous from 11.5-11.8m.; becomes more siliceous below 12.2m.
L	118	3	121	9	14		14	4D14 minor py, gal, & phyllite
L	121	9	131	9	15		15	5B16 5D0 21.9-22.9m; minor chlorite blebs & qtz veins; gouge from 21.9-24.4m.
L	131	9	135	6	16		16	4L10 minor py blebs & siliceous lenses; sulphide layers w/ py & minor sph from 34.7-35.1m.
L	135	6	176	2	17		17	5B10 variably calcareous; minor py blebs; qtz vein 37.1-37.5m; abundant thin ankite layers from 38.9-39.8m; graphitic from 47.9-48.8m; gouge from 50.8-51m, 52.3-52.5m, 54.9-56.0m, 59.4-59.6m, at 63.0m, and from 68.9-69.3m
			1E10H					

Code	From		To		Feature	S ₁ Dip Direct.	S ₂ Dip Direct.		Description
	10	14 16	20	22 24 26 28			32	34	
S			16		C512		11	21310	Only S2 angles to the core axis were measured.
S			19	5	C512		219	21310	9.7-21.8m massive sulphides
S			21	8	C512		50	21310	
S			24	8	C512		216	21310	
S			28	7	C512		210	21310	
S			33	2	C512		210	21310	
S			39	0	C512		316	21310	
S			45	4	C512		217	21310	
S			48	3	C512		214	21310	
S			50	3	C512		218	21310	
S			65	4	C512		212	21310	
S			71	5	C512		313	21310	
S			74	5	C512		410	21310	
			150	H					

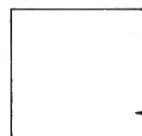
DIAMOND DRILL RECORD

LOGGED BY STANLEY B. REAMSBOTTOM

D. D. H. No 76-U-183 PAGE 1

PROPERTY GRUM JOINT VENTURE
 LATITUDE 10,623.25 2N STARTED SEPTEMBER 7, 1976
 DEPARTURE 7,704.20 68W COMPLETED SEPTEMBER 8, 1976
 ELEVATION 1,171.19 PROPOSED DEPTH _____
 ULTIMATE DEPTH 76.2m

HOLE SURVEY:		
DEPTH	BEARING	DIP
COLLAR	231° 50'	-29° 50'



CLAIM No _____
 ↑
 N
 ↓
 DIRECTION AND DISTANCE
 FROM N.E. CLAIM POST

Interval		DESCRIPTION	Recovery	Sample No	Interval		Sample Length	Assay					Assay x		
From	To				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag
0	1.6	MASSIVE BANDED PYRITIC SULPHIDE (MBx). 80 15 Fine grained magnetite, pyrite, sphalerite, galena, which is locally brecciated (lm.). Banding parallels core axis. CA: 1.2 = 7°.	1.5	B216	0	1.5	1.5	6.27	13.71	110.1			9.41	20.57	165.09
1.6	9.7	RIBBON BANDED QUARTZ-GRAPHITE SULPHIDE (PBgx). 25 2-4 Quartz-py laminae (3-4m.) alternating with black 50 2-4 graphitic cherty laminae. F banding parallels core. 45 2-4 Local massive pyrite bands at 3.4-4.4; 4.6-5.6. These 30 2-4 again possibly thin; parallel to core. Sulphide: 30- 30 2-4 50%; pyrite: minor, sphalerite galena. Note Bx zone 30 6-8 8-8.7m. CA: 2 = F 25' 4 = F = 10; 6 = F = 10; 8 = F = 30, 10 = F = 35.	1.5	B217	1.5	3.0	1.5	3.50	2.55	47.31			5.25	3.83	70.97
			1.5	B218	3.0	4.5	1.5	1.68	2.55	30.17			2.52	3.83	45.26
			1.5	B219	4.5	6.0	1.5	2.13	4.00	35.31			3.20	6.00	52.97
			1.5	B220	6.0	7.5	1.5	3.33	3.65	43.54			5.00	5.48	65.31
			1.0	B221	7.5	8.5	1.0	1.05	2.45	22.29			1.05	2.45	22.29
			1.2	B222	8.5	9.7	1.2	6.11	8.16	70.63			7.33	9.79	84.76
				W.Av.	0	3.0	3.0	4.89	8.13	78.69			14.66	24.40	236.06
				W.Av.	4.5	7.5	3.0	2.73	3.83	39.43			8.20	11.48	118.28

FAGU195

84/1C/30

GRUM DATABASE - QUIZ REPORT

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DCH	SAMPLE	---DEPTMS---		INT M	REC %	ROCK UNIT	S.G.	CU %	PB %	ZN %	AG G/MT	AU G/MT	PO %	PY %	BAC %	PB+ZN %	PC+PY %	ZN RATIO
		FROM	TO															
FAGU195	9C634	16.6	18.3	1.5	8C	4E4			3.95	10.08	57.6					14.03		.72
	9C635	18.3	19.8	1.5	93	4E4			4.33	11.32	59.3					15.65		.72
	9C636	19.8	21.3	1.5	93	4E4			5.80	12.98	91.9					18.78		.69
	9C637	21.3	22.9	1.6	94	4E4			6.92	15.01	108.0					21.93		.68
	9C638	22.9	24.4	1.5	100	4E4			3.40	7.80	50.4					11.20		.70
	9C639	24.4	25.9	1.5	87	4D4			7.67	14.91	114.9					22.58		.66
	9C640	25.9	27.4	1.5	100	4E4			7.94	17.86	114.9					25.30		.69
	9C641	27.4	29.0	1.6	63	4E4			6.95	14.29	96.7					21.24		.67
	9C642	29.0	30.5	1.5	80	4A13			6.15	7.99	84.7					14.14		.57
	9C643	30.5	33.5	3.0	33	4A13			.05	.13	6.2					.18		.72

DRILL HOLE : FAGU195
NORTHING : 904,845.3
EASTING : 592,372.1
ELEVATION : 1,155.7
TOTAL DEPTH : 91.4
SECTION : W 69
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: 10
NOS DOWN-H-SURVEYS: 1
NOS DOWN-H-LITHCLOGY: 26
NOS DOWN-H-STRUCTURE: 17
NOS DOWN-H-FAULTS: 40
NOS DOWN-H-SPLINES: 1
NOS COMPOSITES: 0

17FEB84 GRUM

ORE SAMPLES & ASSAYS (DHC20)

PAGE: 8

DDH: FAGU195 UTM-N: 904,845.3 UTM-E: 592,372.1 UTM-ELEV: 1,155.7 TOTAL DEPTH: 91.4 SECTION: W 69
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

---DEPTHS---		SAMPLE NO.	INT.	REC.	ROCK UNIT	-----ASSAYS-----													
FROM	TO					S.G. PULP	CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AL(FA) G/MT	PO %	PY %	TCT FE	BAO %	HG %	MN %	AS %
16.8	18.3	9C634	1.5	1.2	4E4			3.95	10.08	57.60									
18.3	19.8	9C635	1.5	1.4	4E4			4.33	11.32	59.30									
19.8	21.3	9C636	1.5	1.4	4E4			5.80	12.98	91.90									
21.3	22.9	9C637	1.6	1.5	4E4			6.92	15.01	108.00									
22.9	24.4	9C638	1.5	1.5	4E4			3.40	7.80	50.40									
24.4	25.9	9C639	1.5	1.3	4D4			7.67	14.91	114.90									
25.9	27.4	9C640	1.5	1.5	4E4			7.94	17.86	114.90									
27.4	29.0	9C641	1.6	1.0	4E4			6.95	14.29	96.70									
29.0	30.5	9C642	1.5	1.2	4A13			6.15	7.99	84.70									
30.5	33.5	9C643	3.0	1.0	4A13			.05	.13	6.17									

WEIGHTED AVERAGE

16.8	33.5	16.7	13.0	4.86	10.28	72.25
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17FEB84 GRUM

DOWN-HOLE SURVEY (DP02C)

PAGE: 1

DDH: FAGU195 UTM-N: 904,845.3 UTM-E: 592,372.1 UTM-ELEV: 1,155.7 TOTAL DEPTH: 91.4 SECTION: W 69
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	83.300	49.000

DDH: FAGU195 UTM-N: 904,845.3 UTM-E: 592,372.1 UTM-ELEV: 1,155.7 TOTAL DEPTH: 91.4 SECTION: W 69
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DMD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
1.4	OC01	#		0.5-	1
3.8	OC02	4LC	(504*)(10Q*) 70:20:1C	0.5-	1
4.4	OC03	3G9		0.5-	1
6.4	OC04	3G9	-> (5A6) (10Q0 8\$)	0.5-	1
8.9	OC05	3G4	(5D4*) (10Q0) (4LC)	0.5-	1
9.5	OC06	4G4*		0.5-	1
10.7	OC07	3G4	(4L0)	0.5-	1
16.8	OC08	3GC	89 84	0.5-	1
24.7	OC09	4E4	(4E1)(4D4)(10Q0BXA)94:01:05:TR	0.5-	1
25.4	OC10	4D42	-> (4E41) E.O.I.	0.5-	1
28.9	OC11	4E4	(4A1 83) 92:C8	0.5-	1
34.5	OC12	4A13	(4A134) T.O.I.	0.5-	1
36.7	OC13	4CC	-> (4L124) E.O.I. 50:50	0.5-	1
39.7	OC14	4L0	->(3G9) T.O.I. ->(3G4) E.O.I.	0.5-	1
58.0	OC15	3GC	89 (10Q0) 97:C3	0.5-	1
58.9	OC16	5D4*	-> (3G4) E.O.I.	0.5-	1
60.5	OC17	3GC	(5D6) 95:C5	0.5-	1
61.2	OC18	5D4*	-> (5D6) E.O.I. "ULTA C03"	0.5-	1
62.5	OC19	3GC	89	0.5-	1
63.6	OC20	4LC	(5D4*) (10Q0) GOUGE	0.5-	1
66.5	OC21	3GC	89 (10Q0)	0.5-	1
68.1	OC22	4LC	FROM 3G9	0.5-	1
76.2	OC23	3G9	(3G4) (5D4*) (10Q0 8\$)	0.5-	1
77.8	OC24	4L2	(5D4*) (10Q\$) 60:35:05	0.5-	1
82.3	OC25	3GC	89 (10Q0 8\$) (5D\$) 90:08:C2	0.5-	1
91.4	OC26	3GC	(4L2) (3G4) (10Q0 8\$) (5D4*)	0.5-	1

DDH: FAGU195 UTM-N: 904,845.3 UTM-E: 592,372.1 UTM-ELEV: 1,155.7 TOTAL DEPTH: 91.4 SECTION: W 69
 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	DHDC	SDC	PROCESS
FAGU195	0.0	1.5	PS2	P	0	C	0	G	50	230	C		1	1	1
FAGU195	0.0	10.5	PS2	P	0	0	0	0	30	230	C		1	1	1
FAGU195	0.0	11.8	PS2	P	0	0	0	C	30	230	C		1	1	1
FAGU195	0.0	20.8	PS2	P	0	0	0	C	25	230	C		1	1	1
FAGU195	0.0	21.9	PS2	P	0	0	0	C	25	230	C		1	1	1
FAGU195	0.0	26.1	PS2	P	C	C	0	C	30	230	C		1	1	1
FAGU195	0.0	31.7	CS2		C	0	0	C	25	230	C		1	1	1
FAGU195	0.0	39.3	PS2	P	0	0	0	C	20	230	C		1	1	1
FAGU195	0.0	45.3	PS2	P	0	0	0	C	40	230	C		1	1	1
FAGU195	0.0	52.3	PS2	P	0	0	0	0	50	230	C		1	1	1
FAGU195	0.0	59.6	PS2	P	0	0	0	G	50	230	C		1	1	1
FAGU195	0.0	62.5	CS2		0	0	0	C	50	230	C		1	1	1
FAGU195	0.0	70.0	PS2	P	0	0	0	0	50	230	C		1	1	1
FAGU195	0.0	79.6	PS2	P	0	0	0	0	25	230	G		1	1	1
FAGU195	0.0	83.0	PS2	P	0	0	0	C	50	230	C		1	1	1
FAGU195	0.0	88.0	PS2	P	0	0	0	C	30	230	0		1	1	1
FAGU195	0.0	88.6	PS2	P	0	0	0	C	20	230	C		1	1	1

DDH: FAGU195 UTM-N: 904,845.3 UTM-E: 592,372.1 UTM-ELEV: 1,155.7 TOTAL DEPTH: 91.4 SECTION: W 69
 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		
FAGU195	0.1	1.4	NP				0	0	C	0	0	1
FAGU195	1.4	3.8	P1B	4			0	0	C	0	0	1
FAGU195	0.0	3.8	1G				C	0	6C 270	0	0	1
FAGU195	0.0	4.4	GR				0	0	C	0	0	1
FAGU195	4.4	6.4	3BP	5			0	0	C	0	0	1
FAGU195	0.0	6.4	1G				0	0	C	0	0	1
FAGU195	6.4	8.9	P				C	0	C	0	0	1
FAGU195	0.0	10.6	1G				0	0	C	0	0	1
FAGU195	9.5	10.7	BRP	5			0	0	C	0	0	1
FAGU195	10.7	16.8	BGR	4			0	0	C	0	0	1
FAGU195	15.0	16.8	3GF				0	0	C	0	0	1
FAGU195	16.8	24.7	XD?				0	0	C	0	0	1
FAGU195	24.7	25.4	D				0	0	C	0	0	1
FAGU195	25.4	25.9	D				0	0	C	0	0	1
FAGU195	28.9	34.5	1DX				0	0	C	0	0	1
FAGU195	32.0	34.5	RP	8			0	0	C	0	0	1
FAGU195	34.5	35.1	B				0	0	C	0	0	1
FAGU195	0.0	35.1	F				C	0	5	0	0	1
FAGU195	42.3	42.7	RGB				0	0	0	0	0	1
FAGU195	0.0	46.2	1G				C	0	99	999	0	1
FAGU195	48.7	48.8	3G				0	0	C	0	0	1
FAGU195	0.0	56.6	1G				C	0	99	999	0	1
FAGU195	39.7	58.0	3B				0	0	C	0	0	1
FAGU195	58.0	58.9	BRP	3			C	0	C	0	0	1
FAGU195	58.9	60.5	P	5			0	0	C	0	0	1
FAGU195	62.5	63.6	GP	1			0	0	C	0	0	1
FAGU195	64.0	65.5	B	8			0	0	C	0	0	1
FAGU195	65.5	67.1	P	2			0	0	C	0	0	1
FAGU195	66.5	68.1	PB				0	0	C	0	0	1
FAGU195	68.1	70.1	BRP				0	0	C	0	0	1
FAGU195	70.1	71.6	GF				0	0	C	0	0	1
FAGU195	70.1	73.2	PG	3			0	0	C	0	0	1
FAGU195	71.6	76.2	BRP				C	0	C	0	0	1
FAGU195	76.2	77.8	B				0	0	C	0	0	1
FAGU195	77.8	82.3	1B				0	0	C	0	0	1
FAGU195	85.3	86.9	PR	7			C	0	C	0	0	1
FAGU195	86.9	88.4	P	9			0	0	C	0	0	1
FAGU195	88.4	89.9	P	8			0	0	C	0	0	1
FAGU195	82.3	91.4	BR				0	0	C	0	0	1
FAGU195	89.9	91.4	PF	2			C	0	C	0	0	1

17FEB84 DRUM

DOWN-HOLE SPLINES (20)

PAGE:

DDH: FAGU195 UTM-N: 904,845.3 UTM-E: 592,372.1 UTM-ELEV: 1,155.7 TOTAL DEPTH: 91.4 SECTION: W 69
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH SEGMENT NOS CCAD INDICATOR

FAGU195 1 1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: FAGW 195

Reference Fabric Orientation Diagram:

Project: GRUM

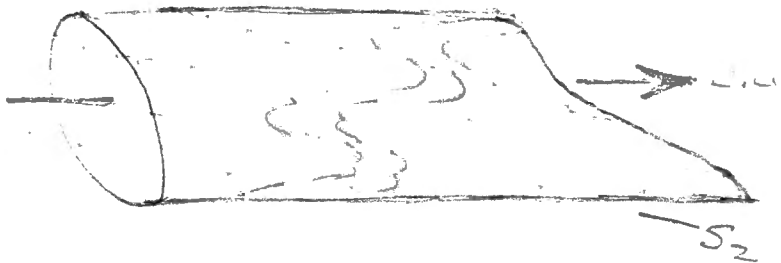
Location: 69W

Claim: _____

Terr. Plane Co-ords.: 904845.3 N

592372.1 E

Grid Co-ords: _____



*divisions of
not surveyed
grid co-ords*

All symmetry determinations looking

Elevation: 1155.7 / 7

N with 25 dipping

Total Depth: 91.4

S with dip azimuth 280.

Purpose: _____

Reason hole Terminated: _____

Logged by: GAJ

Date(s) Logged: Aug 52

Drilling Contractor: _____

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

Hole Cemented: _____

Steel down hole: _____

Started: _____ Completed: _____

Lithologic Log

Date: _____ Logged By: GAT

Code	From				To				Recov.	No.	Unit	Description
	10	14	18	20	22	24	26	28				
L		00		14						1	#	current channel
L		14		38						2	4L9	(SD4*)(OP*) 70-20-10 poor poly throat - low lower contact + fault gauge at 00/270
L		38		41						3	3G9	ends in 1 m 1ND rubble + coarse - 10-15
L		41		54						4	3G9	→ SAG (OP ± 4) (4L) v. broken throat poor recovery - 4-14 = 1 m no gauge. at 50 = 1 m gauge - lower contact + = 6m 1/2
L		54		89						5	3E4	(SD4*)(OP)(4L) 3-4 L 7.5 - 5.9 5.5-4 and 4-1/2 thin last 1 m poor recovery = 1.4 m hard bedded with 0.5 m rich in spec bands 1-5 mm thick 0.5 m at base
L		89		95						7	3E4	(4L) broken and poor recovery = 0.5 m possible fault at lower contact
L		95		107						8	3E0	1.59 ± 4 broken rec = 4.2 larger fault - gauge at 100 - 110 rec = 10.7 - 10.8 = 2.1 m 1.4-1.6 = 1.6 m 1.4 m fault
L		107		118						9	4E4	(4E1)(4D4)(OP) 75% 4E4 4D4 at 22.4-22.5 4E1 22.5-22.7 and 20.4-20.7 - 4E1 15 5-15 = 6 m - 4 m → 20.5 suggestion 1 m of broken bedded when exposed broken bed to 5 m

Lithologic Log

Date: _____ Logged By: _____

Code	From				To				Recov.	No.	Unit	Description
	10	14	16	20	22	24	26	28				
L	247		254						10	4D44	micro blacksh. sphal > py bands in lt grey ls. off white g. t. - has ductile fl. micro bra → (4F441)	
L	254		289						11	4E4	as unit 9 - good S ² in S ² bra. From 254-259 remainder shows no bra and variable RS, PS ₂ attitudes 279-282 = 4A1±3 band in subly IND contact with 4E	
L	289		345						12	4A13	with good 4A texture strong py banding 30% to 50% in gtz py layers - py dominant S ² - local micro bra when S ² rich 1 = "black" cherty" g. t. bands. 32-345 = 2m rubble - no gtz. Major fault ?? may be in part a mistake	
L	345		367						13	4C0	→ (4L124) downwards. top 4 unit is cross bedded 4C0 gradine down to base like 4C0 banded 4L unit is not but broken 345-351 lower contact = "steep" fault @ 5° to CA S ₂	
L	367		397						14	4L0	→ 369 369 towards top as thin ind. thickening drill hole at 369- 372 - toward base of interval 4L grades to 364	
L	397		580						15	360	±9(00) badly broken unit 000 = 2-3% uniform med-dk grey unstriped in place, weather altered → 364 000 mainly toward base of unit especially 543-547 especially S ₂ masses. - unit g. g. unstriped S ₂ 1-2 cm @ 45.2 broken rubble and unstriped g. g. 42.3-42.7 and 47.7-48.8 = IND S ₂ + 10% g. g.	

S₂ 11 g. g. @ 566 = 1cm

Lithologic Log

Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
L	580	589		16	SD4X	^{down} → (3G4) broken and rubble throat. ~23 m recvy, minor 4L between ⁵⁶ units
L	589	605		17	3G0	(SD6) 95:5 SD is minor buff band 595-599. unit shows 0.8 m recvy loss thought to be ~59.4
L	605	612		18	SD4*	^{down} → to (SD6) in bottom 5 cm heavily cemented interval
L	612	625		19	3G0	±9 mostly intact; no gouge, normal
L	625	636		20	4L0	(SD4*)(0P0) all gouged 1MD upper lower may be 11 S ₂ but ?able 0.2 m recvy = major fault ?
L	636	665		21	3G0	±9 (0P0) lower contact uncertain due to poor recovery 64-65.5 m section = 70% recvd. 65.5-67.1 unit - contact 11 drill hole only, 4 m recvd.
L	665	681		22	4L0	From 369 broken poor recvy - S ₂ 11 to CA. could have fault at 50° to CA at base S ₂ 11 back is no fault attitude possible)
L	681	762		23	3G9	(3G4)(SD4*)(0P0 ± * d.l.s.) unit rubble and broken core ~3.5 m recvy 0I - major core loss Seems to be 70.1-73.2 = 1M MAX recvy with gouge recvd 70.1-716 = major fault ??
L	762	778		24	4L2	(SD4*)(0P*d.l.s.) 50:35:5 broken throat mostly good recvy, no gouge SD4* is laminally banded at EOT
L	778	823		25	3G0	±9 (0P0 ± * d.l.s.) (SD*d.l.s.) 90:8:2 0P* as S ₂ 11 1-8 cm thick bands ± chlorite. interval variably broken recovery severe OK
L	823	914		26	3G0	(4L2)(3G4)(0P0 ± * d.l.s.) (SD4*) variably banded to faulted interval sequence largely broken minor recvy problems through. Overall impression is of weakly to mildly affected 36 with diffuse contours SD @ 824-829 m, 85.3-86.9 = 12 recvd. w rubble

C.A.M.C. 1981 - E-3
Overall impression is of weakly to mildly affected 36 with diffuse contours
SD @ 824-829 m, 85.3-86.9 = 12 recvd. w rubble

Structural Log

Date: Aug. 23/82 Logged By: JGS/cx

Code	From				To				Feature	E S	S ₀		S ₁		S ₂		Description
	10	14	16	20	22	24	26	28			32	34	38	40	44		
S				11	51	WDP						510	230				
S				110	51	WDP						310					
S				111	81	WDP						310					
S				1210	81	WDP						215					TR band "S ₂ "
S				1211	91	WDP						215					" " " "
S				1216	11	WDP						310					" " " "
S				1311	7	CS12						215					
S				1319	31	WDP						210					
S				145	31	WDP						410					
S				1512	31	WDP						510					
S				1519	61	WDP						510					
S				1612	5	CS12						510					
S				1710	01	WDP						510					
S				1719	61	WDP						215					
S				1813	01	WDP						510					
S				1818	01	WDP						310					
S				1818	61	WDP						20					E04 91.4

Metres

FAULT

DDH F.A.G.U.1.9.5 Cyprus Anvil Mining Corp.

Page _____ of _____

2 8

Structural Log

Date: _____ Logged By: _____

Code	From				To				Feature	E S	S ₀		S ₁		S ₂		Description
	10	14	16	20	22	24	26	28			32	34	38	40	44		
F		100	1		14			N/P									no recovery
F		114			38			P1/B4									locally broken 1m/2.4m recovery
F					38			1/G			610	2170					2cm gouge
F					44			G/R									0.1m gouge & rubble
F		44			64			3/B/P5									1.0m/2m recovery
																	very broken - no gouge
F					64			1/G									incip S ₂ // gouge
F		64			89			P									1.4m/2.5m recovery - no gouge
F		95			110			7/B/R/P5									broken & rubble 0.6m/1.2m
F					110			6/G									incipient gouge
F		110	7		116			8/B/G/R4									broken, incip gouge & rubble
																	2.5m/6.1m recovery
F		150			116			8/G/F									IND major gouge
F		168			124			7/X/D1?									much of 4E is sulph in sulph b'x
F		124	7		125			4/D									ductile flow micro-b'x
F		125	4		125			9/D									sulphides in sulphides b'x
F		128	9		134			5/1/DX									locally microb'x where sulphides - rich
F		320			134			5/R/P	8								2m/2.5m rubble - no gouge
F		345			135			1/B			0						broken / lower contact
																	step fault @ 5° C.A. - // S ₂
F					35			1/F			05	010					step fault mentioned above
F		139	7		580			3/B									badly broken
F					46			2/G			99	999					1-2cm incipient // S ₂ gouge
F		42	3		42			7/R/G/B									broken, rubble incip gouge
F		48	7		48			8/G									IND strong gouge
F					56			6/G			99	999					S ₂ // gouge - 1cm
F		580			589			9/B/R/P3									broken & rubble 0.3m/0.9m
F		589			605			P	5								0.8m/1.6m - loss thought to be at ≈ 59.4m
F		625			636			G/P	1								0.2m gouge / 1.1m
		640			655			B	8								broken - 80% recovery

Metres

~~FAULT~~

DDH F.A.G.U.195 Cyprus Anvil Mining Corp.
2 8

Page _____ of _____

Structural Log

Date: _____ Logged By: _____

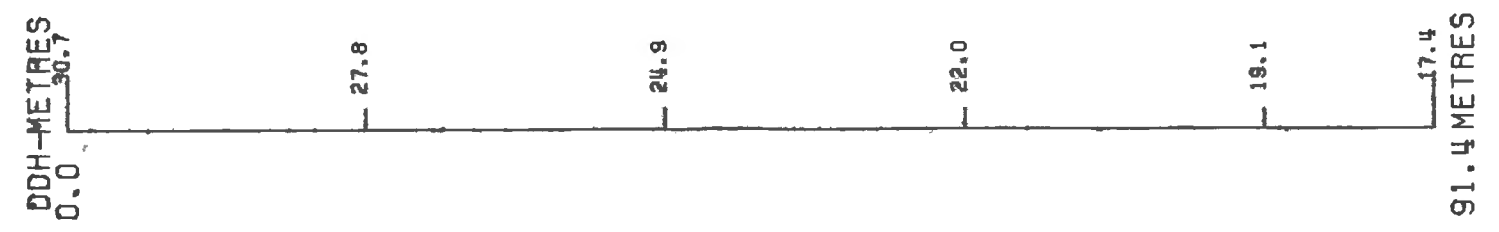
Code	From				To				Feature	E S	S ₀				S ₁				S ₂				Description
	10	14	16	20	22	24	26	28			32	34	36	38	40	44	Dip	Direct.	Dip	Direct.	Dip	Direct.	
F	1655		1671	P				2														0.4m/1.6m	
F	1665		1681	PB																		broken - poor recovery S ₂ // core axis	
F	1681		1701	BIRP																		rubble & broken core	
F	1701		1732	PIG				3														1m/3.1m recovery gouge from 70.1-71.6	
F	1701		1716	GF																		gouge - major fault?	
F	1716		1762	BIRP																		broken & rubble - poor recovery	
F	1762		1778	B																		broken - no gouge - recov. OK	
F	1778		1823	IB																		variably broken	
F	1823		1914	BIR																		broken & rubble w/ minor recovery problems	
F	1853		1869	PR				7														1.2m/1.6m rubble	
	1869		1884	P				9														1.4m/1.5m	
	1884		1899	P				8														1.2m/1.5m	
	1899		1914	PF				2														0.4m/1.5m	

DDH: FAGU195 -- 42 DEGREE PROFILE

(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1156 92372E ; 904845N
 PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0
 CORRECTED COLLAR POSITION: X = 435.6 Z = 1161.7
 SECTION NAME: 6099

40	' (504*) (1000) 70:20
309	'-> (5A6) (1000 4\$)
304	' (504*) (1000) (4L)
304*	' (4L0)
360	' 49 44
4E4	' (4E1) (4D4) (1000B) 90:05
4D42	
4E4	' (4A1 43) 92:08
4A13	' (4A134) T.O.I.
4C0	'-> (4L124) E.O.I. 50:50
4L0	'-> (369) T.O.I. -> (360) E.O.
360	' 49 (1000) 97:03
504*	' (506) 95:05
360*	' 49
4L0	' (504*) (1000) GUAGE
360	' 49 (1000)
4L0	' FROM 369
369	' (364) (504*) (1000 4\$)
4L2	' (504*) (1000\$) 60:35:05
360	' 49 (1000 4\$) (50\$) 90:08:02
360	' (4L2) (364) (1000 4\$) (504*)



90634
90635
90636
90637
90638
90639
90640
90641
90642
90643

✱ CYPRUS ANVIL MINING CORPORATION
 PROGRAM DH162 11 JUN 1984 2:23 PM

DDH: FACU195 --- 42 DEGREE PROFILE

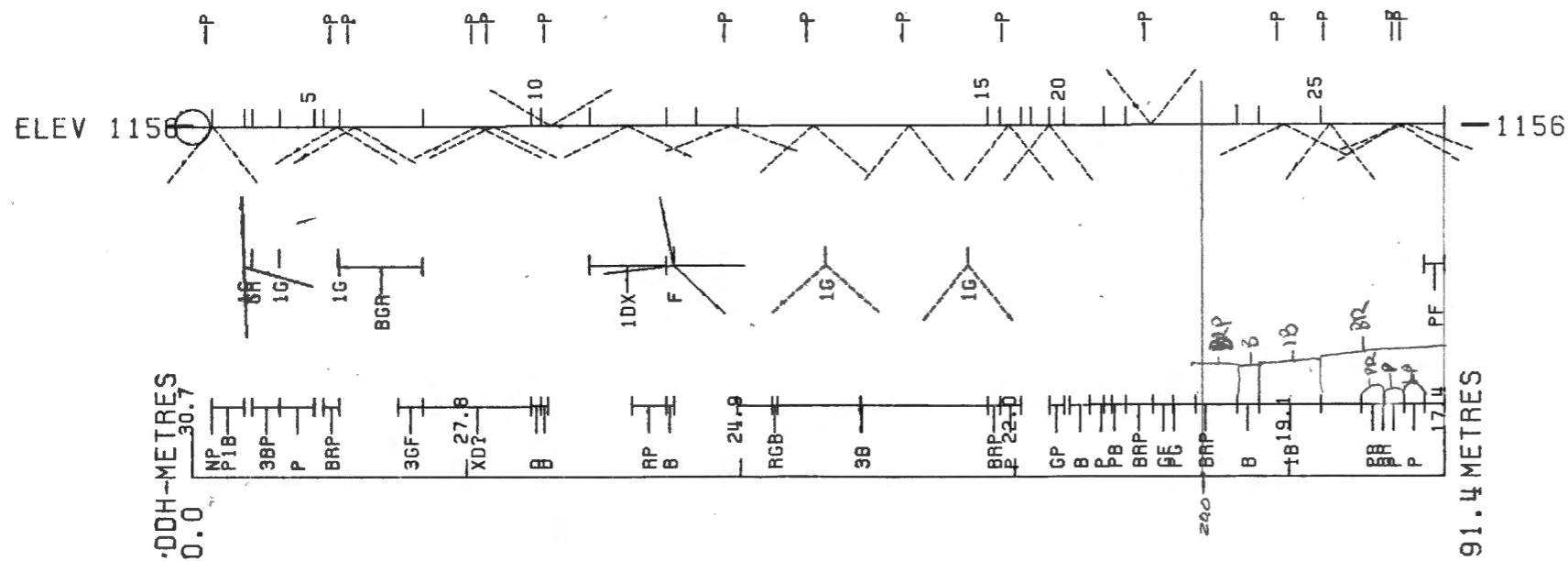
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1156 592372E ; 904845N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 435.6 Z = 1161.7

SECTION NAME: 68W



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 11 JUN 1984 2:26 PM

DDH: FAGA216 -- 42 DEGREE PROFILE

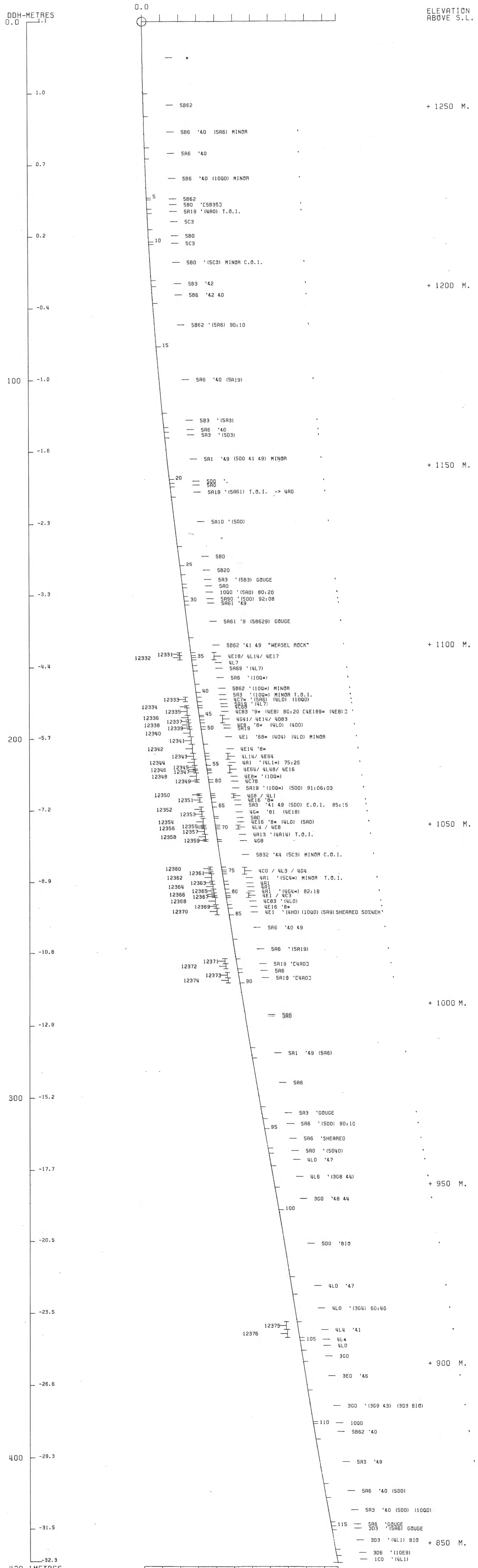
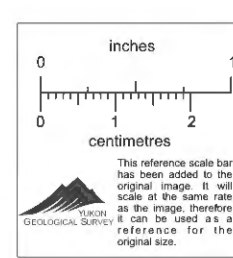
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1274 592289E ; 904709N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 278.5 Z = 1274.0

SECTION NAME: 68W



DDH: FAGA216 -- 42 DEGREE PROFILE
 (VIEW AZIMUTH = 312 DEGREES)
 ELEV:1274 592289E ; 904709N
 PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0
 CORRECTED COLLAR POSITION: X = 278.5 Z = 1274.0
 SECTION NAME: 68W

