

SURFACE AND UNDERGROUND

63 W

GRUM

015030

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Underground Mining Equipment

GRUM

015030

63W

SURFACE AND UNDERGROUND

FAGA 028

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		
FAGAC28	92010	50.6	51.1	.5	80	5DC			.84	.84	15.1					1.68			.50	
	8664	85.1	85.6	.5	100	4A3	3.25	.02	.70	1.00	15.0	.27	3.38	8.90		1.70	12.28		.59	
	8665	85.6	86.9	1.3	100	4G4	4.70	.18	6.30	11.20	109.0	.89	1.95	19.20		17.50	21.15		.64	
	8666	86.9	88.2	1.3	100	4G4	4.88	.23	6.10	9.20	121.0	.96	1.83	21.30		15.30	23.13		.60	
	8667	88.2	89.4	1.2	100	5C4*	3.21	.04	1.18	.87	19.0	.34	3.47	8.50		2.05	11.97		.42	
	8668	89.4	90.1	.7	100	4G4	4.66	.22	5.90	8.50	115.0	1.58	1.29	19.00		14.40	20.29		.59	
	8669	91.8	92.7	.9	100	4EG4#	4.30	.05	6.10	10.00	110.0	.41	4.14	13.60		16.10	17.74		.62	
	8670	114.1	116.7	2.6	35	4A1	2.91	.03	.73	1.40	12.0	.21	2.48	1.07		2.13	3.55		.66	
	8671	116.7	118.6	1.9	53	4A1	2.86	.06	.70	1.49	13.0	.21	2.33	3.87		2.19	6.20		.68	
	8672	123.1	124.3	1.2	92	4A1		.06	.27	.47	7.0					.74				.64
	8673	124.3	125.1	.8	100	4E7	3.25	.05	.97	1.64	17.0	.07	9.10	10.90		2.61	20.00		.63	
	8674	125.1	126.5	1.4	86	4H3	3.58	.08	.90	1.40	20.0	.01	11.20	15.60		2.30	26.80		.61	
	8675	126.5	128.0	1.5	80	4H3		.12	.65	.97	19.0					1.62				.60
	8676	128.0	129.5	1.5	100	4A3		.12	.33	.56	7.0					.89				.63
	8677	129.5	131.1	1.6	69	4A3		.13	.57	.78	11.0					1.35				.58
	8678	131.1	132.7	1.6	69	4A3		.26	.22	.28	20.0					.50				.56
	8679	132.7	133.9	1.2	50	4C*8		.19	.73	1.02	24.0					1.75				.58
	8680	193.6	195.6	2.0	100	4LC7		.09	.35	.55	12.0					.90				.61
	8681	213.3	214.9	1.6	56	4E8#	3.71	.14	.77	1.00	23.0	.41	3.23	22.40		1.77	25.63			.56
	8682	214.9	216.4	1.5	93	4E8#	3.89	.26	1.97	1.73	32.0	.69	7.60	20.40		3.70	28.00			.47
	8683	216.4	217.9	1.5	87	4E8#	3.75	.36	1.94	1.79	39.0	1.78	5.44	17.20		3.73	22.64			.48
	8684	217.9	219.5	1.6	94	4E8#	3.80	.16	1.76	1.75	34.0	.55	7.00	20.10		3.51	27.10			.50
	8685	219.5	221.0	1.5	87	4E8#	4.39	.17	4.70	3.80	62.0	.96	8.98	24.40		8.50	33.38			.45
	8686	221.0	222.5	1.5	80	4E8#	3.73	.25	1.29	.78	22.0	1.37	6.90	18.20		2.07	25.10			.38
	8687	222.5	224.0	1.5	53	4E8#	3.98	.23	.77	.40	20.0	1.78	7.50	24.00		1.17	31.50			.34
	8688	224.0	225.6	1.6	75	4E8#	4.02	.19	2.00	1.03	34.0	.48	7.80	24.10		3.03	31.90			.34
	8689	225.6	227.1	1.5	87	4E8#	4.35	.29	3.40	2.03	45.0	1.71	1.06	33.70		5.43	34.76			.37
	8690	227.1	228.2	1.1	100	4E8#	3.67	.18	2.70	3.70	37.0	1.30	2.62	20.20		6.40	22.82			.58
	92011	242.3	244.0	1.7	100	4L15			.12	.09	5.1					.21				.43
	92012	248.7	250.2	1.5	100	4L1			.05	.08	1.0					.13				.62
	8691	252.7	253.2	.5	100	4C0			.26	1.18	1.26	19.0				2.44				.52
	8692	253.2	255.7	2.5	92	4A3			.19	.94	.90	15.0				1.84				.49
8693	260.3	261.8	1.5	100	4A3			.17	.94	.79	18.0				1.73				.46	

DDH	SAMPLE	ROCK UNIT	CPY	NORMATIVE MINERALS - WEIGHT %					OTHER	*	CPY	NORMATIVE MINERALS - VOLUME %					OTHER
				GA	SP	PO	PY	BAR				GA	SP	PO	PY	BAR	
FAGAC28	92010	5D0		.97	1.25				97.78	*							
	8664	4A3	.06	.81	1.49	5.32	19.14		73.19	*	.04	.34	1.16	3.60	11.93		82.93
	8665	4G4	.52	7.28	16.70	3.07	41.29		31.15	*	.49	3.80	16.36	2.61	32.36		44.39
	8666	4G4	.66	7.04	13.72	2.88	45.81		29.89	*	.63	3.73	13.62	2.48	36.38		43.16
	8667	5C4*	.12	1.36	1.30	5.46	18.28		73.49	*	.09	.57	1.01	3.70	11.39		83.25
	8668	4G4	.64	6.81	12.67	2.03	40.86		36.99	*	.58	3.46	12.05	1.68	31.08		51.16
	8669	4EG4#	.14	7.04	14.91	6.51	29.25		42.14	*	.13	3.44	13.66	5.19	21.43		56.16
	8670	4A1	.09	.84	2.09	3.90	2.30		90.78	*	.06	.32	1.49	2.42	1.32		94.39
	8671	4A1	.17	.81	2.22	3.66	8.32		84.81	*	.12	.32	1.63	2.34	4.89		90.69
	8672	4A1	.17	.31	.70				98.81	*							
	8673	4E7	.14	1.12	2.44	14.31	23.44		58.54	*	.12	.50	2.05	10.41	15.69		71.24
	8674	4H3	.23	1.04	2.09	17.61	33.55		45.48	*	.20	.50	1.88	13.78	24.14		59.51
	8675	4H3	.35	.75	1.45				97.46	*							
	8676	4A3	.35	.38	.83				98.44	*							
	8677	4A3	.38	.66	1.16				97.80	*							
	8678	4A3	.75	.25	.42				98.58	*							
	8679	4C*8	.55	.84	1.52				97.09	*							
	8680	4LC7	.26	.40	.82				98.52	*							
	8681	4E8#	.40	.89	1.49	5.08	48.17		43.96	*	.35	.43	1.36	4.04	35.27		58.53
	8682	4E8#	.75	2.28	2.58	11.95	43.87		38.57	*	.67	1.14	2.43	9.80	33.08		52.88
	8683	4E8#	1.04	2.24	2.67	8.56	36.99		48.51	*	.88	1.06	2.37	6.62	26.32		62.75
	8684	4E8#	.46	2.03	2.61	11.01	43.23		40.66	*	.41	1.01	2.43	8.91	32.19		55.05
	8685	4E8#	.49	5.43	5.67	14.12	52.47		21.82	*	.49	3.05	5.96	12.92	44.18		33.40
	8686	4E8#	.72	1.49	1.16	10.85	39.14		46.63	*	.62	.71	1.05	8.48	28.15		60.99
	8687	4E8#	.66	.89	.60	11.80	51.61		34.44	*	.61	.46	.58	9.92	39.95		48.48
	8688	4E8#	.55	2.31	1.54	12.27	51.83		31.51	*	.52	1.22	1.52	10.53	40.95		45.27
	8689	4E8#	.84	3.93	3.03	1.67	72.47		18.07	*	.87	2.29	3.30	1.58	63.27		28.68
	8690	4E8#	.52	3.12	5.52	4.12	43.44		43.29	*	.45	1.53	5.06	3.29	31.89		57.78
	92011	4L15		.14	.13				99.73	*							
	92012	4L1		.06	.12				99.82	*							
	8691	4C0	.75	1.36	1.88				96.01	*							
	8692	4A3	.55	1.09	1.34				97.02	*							
	8693	4A3	.49	1.09	1.18				97.25	*							

DRILL HOLE : FAGA028
NORTHING : 904,697.3
EASTING : 592,443.2
ELEVATION : 1,274.0
TOTAL DEPTH : 280.7
SECTION : W 64
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS GRE-SAMPLES: 33
NOS DOWN-H-SURVEYS: 5
NOS DOWN-H-LITHCLOGY: 48
NOS DOWN-H-STRUCTURE: 62
NOS DOWN-H-FAULTS: 16
NOS DOWN-H-SPLINES: 5
NOS COMPOSITES: 0

DDH: FAGAC28 UTM-N: 904,697.3 UTM-E: 592,443.2 UTM-ELEV: 1,274.0 TOTAL DEPTH: 280.7 SECTION: W 64
 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 %	PS %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	FY %	TOT FE	BAC %	HG %	MN %	AS %	BA %	S.G. W.R.	
50.6	51.1	92010	.5	.4 5D0			.84	.84		15.10											
85.1	85.6	08664	.5	.5 4A3	3.25	.02	.70	1.00	15.00		.27	3	8	12							
85.6	86.9	08665	1.3	1.3 4G4	4.70	.18	6.30	11.20	109.00		.89	1	19	21							
86.9	88.2	08666	1.3	1.3 4G4	4.88	.23	6.10	9.20	121.00		.96	1	21	23							
88.2	89.4	08667	1.2	1.2 5C4*	3.21	.04	1.18	.87	19.00		.34	3	8	11							
89.4	90.1	08668	.7	.7 4G4	4.66	.22	5.90	8.50	115.00		1.58	1	19	20							
91.8	92.7	08669	.9	.9 4E34#	4.30	.05	6.10	10.00	110.00		.41	4	13	17							
114.1	116.7	08670	2.6	.9 4A1	2.91	.03	.73	1.40	12.00		.21	2	1	3							
116.7	118.6	08671	1.9	1.0 4A1	2.86	.06	.70	1.49	13.00		.21	2	3	6							
123.1	124.3	08672	1.2	1.1 4A1		.06	.27	.47	7.00												
124.3	125.1	08673	.8	.8 4E7	3.25	.05	.97	1.64	17.00		.07	9	10	20							
125.1	126.5	08674	1.4	1.2 4H3	3.58	.08	.90	1.40	20.00		.01	11	15	26							
126.5	128.0	08675	1.5	1.2 4H3		.12	.65	.97	19.00												
128.0	129.5	08676	1.5	1.5 4A3		.12	.33	.56	7.00												
129.5	131.1	08677	1.6	1.1 4A3		.13	.57	.78	11.00												
131.1	132.7	08678	1.6	1.1 4A3		.26	.22	.28	20.00												
132.7	133.9	08679	1.2	.6 4C*8		.19	.73	1.02	24.00												
193.6	195.6	08680	2.0	2.0 4LC7		.09	.35	.55	12.00												
213.3	214.9	08681	1.6	.9 4E8#	3.71	.14	.77	1.00	23.00		.41	3	22	25							
214.9	216.4	08682	1.5	1.4 4E8#	3.89	.26	1.97	1.73	32.00		.69	7	20	28							
216.4	217.9	08683	1.5	1.3 4E8#	3.75	.36	1.94	1.79	39.00	42.00	1.78	5	17	22							
217.9	219.5	08684	1.6	1.5 4E8#	3.80	.16	1.76	1.75	34.00		.55	7	20	27							
219.5	221.0	08685	1.5	1.3 4E8#	4.39	.17	4.70	3.80	62.00		.96	8	24	33							
221.0	222.5	08686	1.5	1.2 4E8#	3.73	.25	1.29	.78	22.00		1.37	6	18	25							
222.5	224.0	08687	1.5	.8 4E8#	3.98	.23	.77	.40	20.00		1.78	7	24	31							
224.0	225.6	08688	1.6	1.2 4E8#	4.02	.19	2.00	1.03	34.00		.48	7	24	31							
225.6	227.1	08689	1.5	1.3 4E8#	4.35	.29	3.40	2.03	45.00		1.71	1	33	34							
227.1	228.2	08690	1.1	1.1 4E8#	3.67	.18	2.70	3.70	37.00		1.30	2	20	22							
242.3	244.0	92011	1.7	1.7 4L15			.12	.09		5.10											
248.7	250.2	92012	1.5	1.5 4L1			.05	.08		1.00											
252.7	253.2	08691	.5	.5 4C0		.26	1.18	1.26	19.00												
253.2	255.7	08692	2.5	2.3 4A3		.19	.94	.90	15.00												
260.3	261.8	08693	1.5	1.5 4A3		.17	.94	.79	18.00												
WEIGHTED AVERAGE																					
50.6	51.1		.5	.4			.84	.84		15.10											
85.1	90.1		5.0	5.0	4.23	.14	4.40	6.80	81.96		.81	2	16	18							
91.8	92.7		.9	.9	4.30	.05	6.10	10.00	110.00		.41	4	13	17							
114.1	118.6		4.5	1.9	2.88	.04	.71	1.43	12.42		.21	2	2	4							
123.1	133.9		10.8	8.6	.70	.13	.55	.83	15.50			2	2	4							

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DOWN-HOLE SURVEYS (DHC2C)

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DDH: FAGA028 UTM-N: 904,697.3 UTM-E: 592,443.2 UTM-ELEV: 1,274.0 TOTAL DEPTH: 280.7 SECTION: W 64
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
85.300	175.400	49.000
115.800	176.000	95.000
195.100	166.000	86.000
243.800	165.000	74.000

DJH: FAGA028 UTM-N: 904,697.3 UTM-E: 592,443.2 UTM-ELEV: 1,274.0 TOTAL DEPTH: 280.7 SECTION: W 64
 RFE: S2 RFE DIR: 230 FLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
50.6	OC01	#		0.5-	1
61.7	OC02	500		0.5-	1
68.6	OC03	5A0	(500) (5A0) MINOR	0.5-	1
69.5	OC04	5A1	89	0.5-	1
71.0	OC05	5A1	NO CORE	0.5-	1
74.3	OC06	5B20	(5D4*)	0.5-	1
83.5	OC07	5A19		0.5-	1
85.1	OC08	5B26		0.5-	1
85.4	OC09	4A3	(4L0)	0.5-	1
90.1	OC10	4G4	(5C4*) (4C0) MINOR	0.5-	1
91.8	OC11	5A10		0.5-	1
92.7	OC12	4E4#	87 (4G4)	0.5-	1
100.6	OC13	5B20	(5D4*)	0.5-	1
102.8	OC14	5B80		0.5-	1
105.0	OC15	5B20		0.5-	1
106.1	OC16	5B80		0.5-	1
108.5	OC17	5A0	89 MINOR	0.5-	1
114.1	OC18	5B8	?	0.5-	1
124.3	OC19	4A0		0.5-	1
128.0	OC20	4H3	(4A1) BXA	0.5-	1
132.7	OC21	4A3	(5D4*)	0.5-	1
134.7	OC22	4C*	88 (4A0) (5B62) MINOR	0.5-	1
154.5	OC23	5B20	(4L1) (4C0) MINOR	0.5-	1
160.6	OC24	5B80		0.5-	1
191.4	OC25	5B2		0.5-	1
193.6	OC26	4L15	(5A1) MINOR	0.5-	1
195.6	OC27	4L2	(4L1) (4C7) BXA	0.5-	1
198.1	OC28	5B0		0.5-	1
204.3	OC29	5A1		0.5-	1
211.6	OC30	5B0		0.5-	1
213.3	OC31	4L1		0.5-	1
228.2	OC32	4E8#	8 PORCUS	0.5-	1
235.5	OC33	4L1	(4L1527)	0.5-	1
236.2	OC34	5C0	MOTTLED	0.5-	1
238.0	OC35	4L1	(4L1527)	0.5-	1
240.7	OC36	5D0	(4L2) MINOR	0.5-	1
244.1	OC37	4L1	(4L15278)	0.5-	1
247.5	OC38	5D0		0.5-	1
252.7	OC39	4L1	85 MINOR	0.5-	1
255.4	OC40	4A3	(4C0) MINOR	0.5-	1
258.7	OC41	4L1		0.5-	1
260.3	OC42	4L1		0.5-	1
261.8	OC43	4A3	(4E8) (4L1) BCTH MINOR	0.5-	1
270.4	OC44	4L1	(5D4*)	0.5-	1
271.6	OC45	5B6	?	0.5-	1
273.7	OC46	5A0	?	0.5-	1
275.8	OC47	5E1	? MYLONITE	0.5-	1
280.7	OC48	3G0	BIO. STAUR. GARNET SCHIST	0.5-	1

DDH: FAGA028 UTM-N: 904,697.3 UTM-E: 592,443.2 UTM-ELEV: 1,274.0 TOTAL DEPTH: 280.7 SECTION: W 64
 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
FAGA028	0.0	53.4	CS2		0	0	0	C	52	230	C		1	1	1
FAGA028	0.0	60.7	CS2		0	0	0	C	50	230	C		1	1	1
FAGA028	0.0	64.2	CS2		0	C	0	C	63	230	C		1	1	1
FAGAC28	61.0	64.9	CS2	Z	0	0	0	C	0	0	C		1	1	1
FAGA028	0.0	68.9	CS2		0	0	0	C	53	230	C		1	1	1
FAGA028	64.9	72.5	CS2	S	0	0	0	C	0	0	C		1	1	1
FAGA028	0.0	72.6	PS2		0	0	0	C	70	230	C		1	1	1
FAGAC28	72.5	74.4	PS2	P	0	0	0	C	0	0	C		1	1	1
FAGA028	0.0	76.7	CS2		0	0	0	C	63	230	C		1	1	1
FAGAC28	74.4	78.0	CS2	S	0	0	0	C	0	0	C		1	1	1
FAGA028	0.0	84.9	CS2		0	0	0	C	76	230	C		1	1	1
FAGAC28	78.0	85.4	CS2	C	0	0	0	C	0	0	C		1	1	1
FAGAC28	0.0	90.1	PS2		0	0	0	C	56	230	C		1	1	1
FAGA028	85.9	90.1	PS2	P	0	0	0	C	0	0	C		1	1	1
FAGA028	90.1	91.8	CS2	D	0	0	0	C	0	0	C		1	1	1
FAGAC28	91.8	92.7	PS2	P	0	0	0	C	0	0	C		1	1	1
FAGAC28	0.0	96.4	CS2		0	0	0	C	77	230	C		1	1	1
FAGAC28	92.7	98.6	CS2	D	0	0	0	C	0	0	C		1	1	1
FAGA028	0.0	102.2	PS2		0	0	0	C	77	230	C		1	1	1
FAGA028	98.6	104.1	PS2	P	0	0	0	C	0	0	C		1	1	1
FAGAC28	0.0	107.5	CS2		0	C	0	C	71	230	C		1	1	1
FAGA028	104.1	108.5	CS2	C	0	0	0	C	0	0	C		1	1	1
FAGA028	0.0	112.0	CS2		0	0	0	C	60	230	C		1	1	1
FAGAC28	0.0	128.5	PS2		0	0	0	C	46	230	C		1	1	1
FAGA028	0.0	135.3	PS2		0	0	0	C	59	230	C		1	1	1
FAGA028	114.1	138.2	PS2	P	0	0	0	C	0	0	C		1	1	1
FAGAC28	0.0	141.0	CS2		0	0	0	C	69	230	C		1	1	1
FAGA028	138.2	142.2	CS2	C	0	0	0	C	0	0	C		1	1	1
FAGAC28	0.0	145.7	PS2		0	C	0	C	54	230	C		1	1	1
FAGA028	142.2	145.8	PS2	P	0	0	0	C	0	0	C		1	1	1
FAGAC28	0.0	151.7	CS2		0	C	0	C	70	230	C		1	1	1
FAGA028	0.0	157.8	CS2		0	0	0	C	77	230	C		1	1	1
FAGA028	145.8	158.2	CS2	Z	0	0	0	C	0	0	C		1	1	1
FAGAC28	158.2	160.9	CS2	D	0	0	0	C	0	0	C		1	1	1
FAGAC28	0.0	162.6	CS2		0	0	0	C	69	230	C		1	1	1
FAGAC28	0.0	167.2	CS2		0	0	0	C	76	230	C		1	1	1
FAGAC28	160.9	167.9	CS2	Z	0	0	0	C	0	0	C		1	1	1
FAGA028	0.0	172.6	CS2		0	0	0	C	70	230	C		1	1	1
FAGAC28	0.0	177.3	CS2		0	0	0	C	70	230	C		1	1	1
FAGA028	167.9	177.9	CS2	D	0	0	0	C	0	0	C		1	1	1
FAGAC28	177.9	179.6	CS2	Z	0	0	0	C	0	0	C		1	1	1
FAGA028	0.0	183.0	CS2		0	0	0	C	70	230	C		1	1	1
FAGA028	179.6	183.5	CS2	C	0	0	0	C	0	0	C		1	1	1
FAGAC28	183.5	187.1	CS2	M	0	0	0	C	0	0	C		1	1	1
FAGAC28	0.0	187.8	CS2		0	0	0	C	78	230	C		1	1	1
FAGA028	187.1	192.3	CS2	S	0	0	0	C	0	0	C		1	1	1
FAGAC28	0.0	195.8	CS2		0	0	0	C	65	230	C		1	1	1
FAGAC28	0.0	200.7	CS2		0	0	0	C	74	230	C		1	1	1
FAGA028	192.3	202.3	CS2	M	0	0	0	C	0	0	C		1	1	1
FAGA028	0.0	206.0	CS2		0	0	0	C	75	230	C		1	1	1
FAGAC28	0.0	211.5	CS2		0	0	0	C	73	230	C		1	1	1

DDH: FAGA028 UTM-N: 904,697.3 UTM-E: 592,443.2 UTM-ELEV: 1,274.0 TOTAL DEPTH: 280.7 SECTION: W 64
 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	CFD			
FAGAC28	69.4	71.0	N				0	0	C	C	0	0	1
FAGAC28	108.6	109.7	G				0	0	C	C	0	0	1
FAGAC28	110.2	110.3	G				C	0	C	C	0	0	1
FAGAC28	115.2	116.7	P	2			0	0	C	C	0	0	1
FAGAC28	118.5	123.1	P	1			0	0	C	C	0	0	1
FAGAC28	123.1	123.6	X				0	0	C	C	0	0	1
FAGAC28	123.6	123.9	G				0	0	C	C	0	0	1
FAGAC28	124.2	124.9	D				0	0	C	C	0	0	1
FAGAC28	191.0	191.1	G				0	0	C	C	0	0	1
FAGAC28	208.7	209.0	S				0	0	C	C	0	0	1
FAGAC28	213.9	214.2	D?				0	0	C	C	0	0	1
FAGAC28	227.7	228.0	D?				0	0	C	C	0	0	1
FAGAC28	251.2	251.3	G				0	0	C	C	0	0	1
FAGAC28	260.7	260.9	D?				0	0	C	C	0	0	1
FAGAC28	270.3	273.7	G				0	0	C	C	0	0	1
FAGAC28	273.7	275.8	3SF				0	0	C	C	0	0	1

21MAR84 GRUM

DOWN-HOLE SPLINES (DHU20)

PAGE: 17

DDH: FAGA028 UTM-N: 904,697.3 UTM-E: 592,443.2 UTM-ELEV: 1,274.0 TOTAL DEPTH: 280.7 SECTION: W 64
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH SEGMENT NOS COND INDICATOR

FAGAC28	1	2
FAGAC28	2	2
FAGA028	3	2
FAGAC28	4	2
FAGAC28	5	1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 74-A028

Fabric Orientation Diagram:

Project: GROM RELOG

Location: VANGORDA PLATEAU

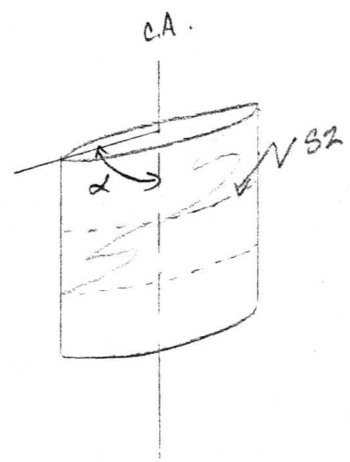
Claim: _____

UTM
Tarr. Plane
Co-ords.: 6,904,697.32 N

1979 H2O
Orthophoto Survey

592,443.16 E

Grid
Co-ords.: 64W / BLO+00



All symmetry determinations looking

NW with SZ dipping

SW with dip azimuth 230.

Elevation: 1274.04

Total Depth: 921 ft.

Purpose: _____

Logged by: RE PN

Date(s) Logged: SEPT. 2-5 / 80

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

NW 0 14

NQ 14 174

BQ 174 921

Started: AUG. 10 / 74 Completed: AUG. 18 / 74

Lithologic Log

Code	From		To		Unit	Code	Description
	10	14	16	20			
50.6	L	100	116	160	11		o/B granitic, porphyritic & schistose boulders; 4co boulders at 135 ft;
61.7	L	116	160	202	25	5D0	
68.6	L	120	25	225	0	13	5B10 5D0 204.7-205.5 ft; 5A0 204.3-204.7 ft; minn py blebs; graphite content incr. towards EOH;
59.5	L	122	50	228	0	14	5A11 py stringers;
71.0	L	122	80	233	0	15	5A1 no core
74.1	L	123	30	243	7	16	5B2 bleached tan 5D4 241.0-242.5 ft; 5B21; calcareous;
83.5	L	124	37	274	0	17	5A11 minn py, po, PbZn bands 248.8-250.0 ft; calcareous; (5A19)P8
85.6	L	127	40	281	0	18	5B2 5B21, uncalcareous, minn py stringers; ^{279.3-280.0} 2A3+4L
90.1	L	128	10	291	5	19	4G4 10% PbZn; honey-coloured sph; bleached buff calcareous 5D4 w/ manpositite + (minor 4co) @ 289.5-293.2 ft; ^{DOMINANTLY FINE RUBBLE ± GOUGE}
91.8	L	129	57	301	1	3	10 5A1 calcareous; minn py stringers; ^(4A1 - NO SULPHIDES)
92.6	L	130	13	304	1	11	4E4 15% PbZn; CALCAREOUS; 4E47 301.3-302.5 ft 303.6-304.0 ft; 4G4 302.5-303.6 ft (sph colour varies from honey-coloured to deep red); minn phyllitic & carbonate clasts; (93)
100.6	L	130	40	330	0	12	5B2 bleached buff 5D4 w/ manpositite 305.0-305.5 ft calcareous; minn py stringers; band of po-py 316.9-317.0 ft; 000 317.0-317.7 ft; brecciated at sulph-qtz contact w/ qtz clasts in sulph. matrix; 5D0 323.8-324.1 ft;
102.8	L	133	00	337	4	13	5B8 calcareous; minn py stringers;
105.0	L	133	74	344	6	14	5B2 calcareous, qtz-sulphite stringers; minn py;
106.1	L	134	46	348	0	15	5B8 no unit 13;
108.5	L	134	80	356	0	16	5A0 minn py stringers; 4A4 355.0-356.0 ft (5% PbZn);
114.1	L	135	60	374	5	17	5B8 gouge 356.5-360.0 ft; 361.6-362.0 ft;
124.3	L	137	45	407	7	18	4A1 calcareous densin gash fillings; 5% PbZn (sph > gal); brecciated w/ qtz-sulph. clasts in graphitic matrix 404.0-405.3 ft; gouge 405.3-406.7 ft; poor recovery 378-383 ft (0.8 ft); 389-404 ft (0.7 ft);
127.9	L	140	77	411	9	19	4H3 4A1+4H3 w/ sulph. matrix; few qtz clasts generally no. of clasts decr. towards E/W

32'
17'
54.5'
60.6'
191.4'
93.5'
195.6'
198.1'
204.3'
211.0'
213.3'
233.23'
35.5'
36.2'
238.0'
240.7'
244.1'
247.5'
252.7'
255.7'
258.7'
260.3'
261.8'

Code	From	To	Unit	Code	Description	
1	10	14	16	20	22 23 25 27	
L	41.98	4354	20	4A3	<2% PbZn; bleached tan SD4 434.2-434.5ft;	
L	4354	4420	21	4C*	slightly calcareous, ^{± v. PYRITIC + (AKI) MIXED UNIT.} <2% PbZn // 4A0 439.2-439.7ft; siliceous grey phyllite ^{± SERICITE} (5A1) 439.7-441.0ft;	
L	4420	5010	22	5B2	4L1 444.7-445.5, 446.8-447.1ft; 4C0 445.5-446.8ft; calcareous; OQ0 473.0-474.0, 493.6-496.7ft; minor py blebs;	
L	5010	5270	23	5B8	minor graphite; calcareous; few py, po bands; OQ0 524.3-526.7ft;	
L	5270	6280	24	5B12	minor chl; siliceous in parts; OQ0 544-546ft; 579.0-580.2ft; minor py blebs; OQ0 626.7-627.1ft;	
L	6280	6352	25	4L1	minor py, po blebs; OQ0 628.0-629.6ft; slightly calcareous; (minor 5A1 bands);	
L	6352	6418	26	4L2	^(4L) interbedded w/ 4C7 w/ 4L clasts;	
L	6418	6500	27	5B0	minor graphite ≠ 4L bands; light grey;	
L	6500	6703	28	5A1	mod siliceous towards E of F; minor py;	
L	6703	6942	29	5B0	light grey; siliceous in parts; minor py stringers; minor graphite; sheared 685.0-685.8ft;	
L	6942	6999	30	4L1	incr. graphite content down to 697.5ft where sharp contact w/ 4L; minor py;	
L	6999	7488	31	4E8	^{± POROUS} slightly siliceous ^{± v. calcareous} ; few interbands of 5A1 w/ minor py; brecciated 702.0-702.8 ²¹⁴ ; 747.3 ^{221.5} -748.1ft; 4D4 w/ minor opy (5% PbZn) 746.3-747.3ft; 227.47-227.77	
L	7488	7728	32	4L1	4L1 527; red iron oxide staining; <2% PbZn;	
L	7728	7750	33	5A0	^{NOT} mottled; 77	
L	7750	7808	34	4L1	4L1 527; as unit 32;	
L	7808	7896	35	5D0	minor 4L2 bands;	
L	7896	8010	36	4L1	4L1 527; as unit 32;	
L	8010	8120	37	5D0		
L	8120	8290	38	4L1	slightly calcareous; as unit 32; OQ0 824.3-824.6ft;	
L	8290	8390	39	4A3	4C0 829.0-830.6ft; <2% PbZn;	
L	8390	8488	40	4L1	slightly calcareous; as unit 32; 5D0 841.8-842.6, 843.0-843.3ft; 844.0-845.6ft; 848.3-848.8ft;	
L	8488	8540	41	4L1	as unit 32; imm. calc;	
L	8540	8590	42	4A3	<2% PbZn; brecciated; 4E8 855.4-856.0ft; → minor with QZ VEIN	

Code	From		To		Unit		Code		Description
	10	14	16	20	22	23	25	27	
									+7 @ 10cm F/W!
									4E8 855.4 - 857.0 ft; 4L1 857.0 - 858.4 ft;
L	859.0		887.0		43		441		5D4 w/ manposite 859.0 - 861.0 ft; 4L127;
L	887.0		891.0		44				fault zone w/ siliceous pebbles; med. grey; bleached buff 890 - 891.0 ft; 5B?
L	891.0		898.0		45		5A0		fault zone w/ siliceous pebbles;
L	898.0		905.0		46		5E11		mylonized?; irregular shaped elongated clasts in places; highly calcareous; siliceous laminated w/ seriate
L	905.0		921.0		47		3E11		dk. brown; siliceous; bt-staurolite - qtz schist w/ calcareous tenon crack fillings;
			150A						

704
 2716
 5A1
 20cm
 4/w.
 2737
 758
 307

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				1752	PSR			512	2310		
S				1990	CSZ			510	2130		
S				2000	FZE						Z sym. 200.0 - 213.0 ft;
S				2110	CSZ			63	2210		
S				2130	FZB						S sym. 213.0 - 238.0 ft;
S				2260	CSZ			53	2130		
S				2380	FZS						P region 238.0 - 244.0 ft; min. R region;
S				2383	PSZ			70	2310		
S				2440	FZP						S sym. 244.0 - 255.8 ft; min. D region;
S				2516	CSZ			63	2130		
S				2558	FZS						D region 255.8 - 280.3 ft; min. S sym;
S				2786	CSZ			76	2130		
S				2810	FZD						R region 280.3 - 295.7 ft; massive sulphides;
S				2957	PSZ			56	2130		
S				2957	FZR						D region 295.7 - 301.3 ft;
S				3013	FZD						R region 301.3 - 304.0 ft; massive sulphides;
S				3040	FZR						D region 304.0 - 323.5 ft; min. Z sym;
S				3164	CSZ			77	2130		
S				3235	FZD						P region 323.5 - 341.6 ft;
S				3354	PSZ			77	2130		
S				3416	FZP						D region 341.6 - 356.0 ft; min. Z sym;
S				3526	CSZ			71	2130		
S				3560	FZD						M region 356.0 - 374.5 ft; s/z = 1/1; very low symmetry determinations available;
S				3674	CSZ			60	2130		
S				3745	FZM						R region 374.5 - 453.5 ft; 80% massive sulph.
S				4215	PSZ			46	2130		

Code	From		To		Feature	SYM	S ₁		S ₂		Description
	10	14	16	20			Dip	Direct.	Dip	Direct.	
	22	24	26	28	32	34	38				
S				4440	PSZ			59	230		
S				4535	FZR						D region 453.5 - 466.5 ft; min S sym;
S				4627	CSZ			69	230		
S				4665	FZD						P region 466.5 - 478.3 ft;
S				4780	PSZ			54	230		
S				4783	FZP						Z sym. 478.3 - 519.0 ft; min D region;
S				4976	CSZ			70	230		
S				5176	CSZ			77	230		
S				5190	FZT						D region 519.0 - 528.0 ft;
S				5280	FZD						Z sym. 528.0 - 551.0 ft;
S				5335	CSZ			69	230		
S				5486	CSZ			76	230		
S				5510	FZE						D region 551.0 - 583.7 ft; min Z sym;
S				5663	CSZ			70	230		
S				5817	CSZ			70	230		
S				5837	FZD						Z sym. 583.7 - 589.2 ft;
S				5892	FZE						D region 589.2 - 602.0 ft; min S, Z sym
S				6005	CSZ			70	230		
S				6020	FZD						M region 602.0 - 613.9 ft; S/Z = 1/3;
S				6139	FZM						S sym; 613.9 - 630.9 ft; min D region;
S				6160	CSZ			78	230		
S				6309	FZE						M region 630.9 - 663.6 ft; S/Z = 1/2;
S				6425	CSZ			65	230		
S				6585	CSZ			74	230		
S				6636	FZM						Z sym. 663.6 - 694.2 ft;
S				6766	CSZ			75	230		
S				6940	CSZ			73	230		
S				6942	FZE						P region 694.2 - 921.0 ft; 20% massive sulph; min Z sym;
S				7525	PSZ			75	230		

DDH FAGA.0.28 Cyprus Anvil Mining Corp

ASSAY LOG (SAMPLER'S COPY)

Date 7 Aug/81

Sampled by

UNITS = FEET.

SPLIT

SPLIT

PARTLY SPLIT.

CODE	FROM		TO		SAMPLE		INTR.		REC (m)		UNIT		DESCRIPTION
	1	10	14	16	20	22	26	28	30	32	34	36	
P		11660		11675		15013		115		115		15D10	WHOLE CORE SAMPLED BY K.A. SEE K.A LOGS (LOW GRADE)
P		127193		128110		186664		117		117		1A1A3	+(4L0)
P		128110		12852		186665		142		142		1A1A4	
P		12852		12895		186666		143		143		1A1A4	
P		12895		12932		186667		137		130		15C14*	CALC; 3% FUCHSITIC (min. AC0)
P		12932		12957		186668		125		125		1A1A4	
		12957		130113		186669		156				15A113	NOT SAMPLED - ASSAY = 0%
P		130113		13040		186669		127		127		1A1E4	±7 +(4G4)
P		13745		13830		186710		185		123		1A1A1	±4
P		13830		13890		186711		160		134		1A1A1	±4
		13890		14040		186712		150		110		1A1A1	±4 - NOT SAMPLED DUE TO V. POOR RECOVERY.
P		14040		14077		186712		137		135		1A1A1	±4
P		14077		141104		186713		127		123		1A1E7	BRECCIA
P		141104		14151		186714		147		140		1A1H3	BRECCIA
P		14151		14198		186715		147		140		1A1H3	BRECCIA
P		14198		14250		186716		152		152		1A1A3	
P		14250		14302		186717		152		137		1A1A3	
P		14302		14354		186718		152		138		1A1A3	
P		14354		14392		186719		138		120		1A1C*	CALC/±8/ +(4K1)
P		16352		16418		186810		166		166		1A1L2	+(4C7)
P		16999		17050		186811		151		130		1A1E8*	+(5A1)
P		17050		171100		186812		150		149		1A1E8*	+(5A1)
P		171100		171150		186813		150		142		1A1E8*	+(5A1)
P		171150		172100		186814		150		148		1A1E8*	
P		172100		17250		186815		150		144		1A1E8*	
P		17250		173100		186816		150		140		1A1E8*	
P		173100		17350		186817		150		125		1A1E8*	
P		17350		174100		186818		150		140		1A1E8*	
P		174100		17450		186819		150		144		1A1E8*	
P		17450		17488		186910		138		137		1A1E8*	+(4D49)

ASSAY LOG (SAMPLER'S COPY)

Date 7/1/81

Sampled by _____

UNITS = FEET

CODE	FROM				TO				SAMPLE				INTR.		REC (m)		UNIT	DESCRIPTION
	10	14	16	20	22	26	28	30	32	34	36	40	42					
P	179	150	180	105	1523	15	15	14115	12/7/81	LOW GRADE - NOT SAMPLED SEE K.A. LOGS.								
P	181	160	182	110	1524	150	150	14111	LOW GRADE - NOT SAMPLED SEE K.A. LOGS.									
F	182	190	183	106	17691	16	14	14010										
F	183	106	183	190	18692	18	14	14131										
P	185	140	185	190	18693	150	150	14131	+(4E8) + (4L0±7)									
END OF HOLE @ 921 ft																		

DDH: FAGA028 -- 42 DEGREE PROFILE

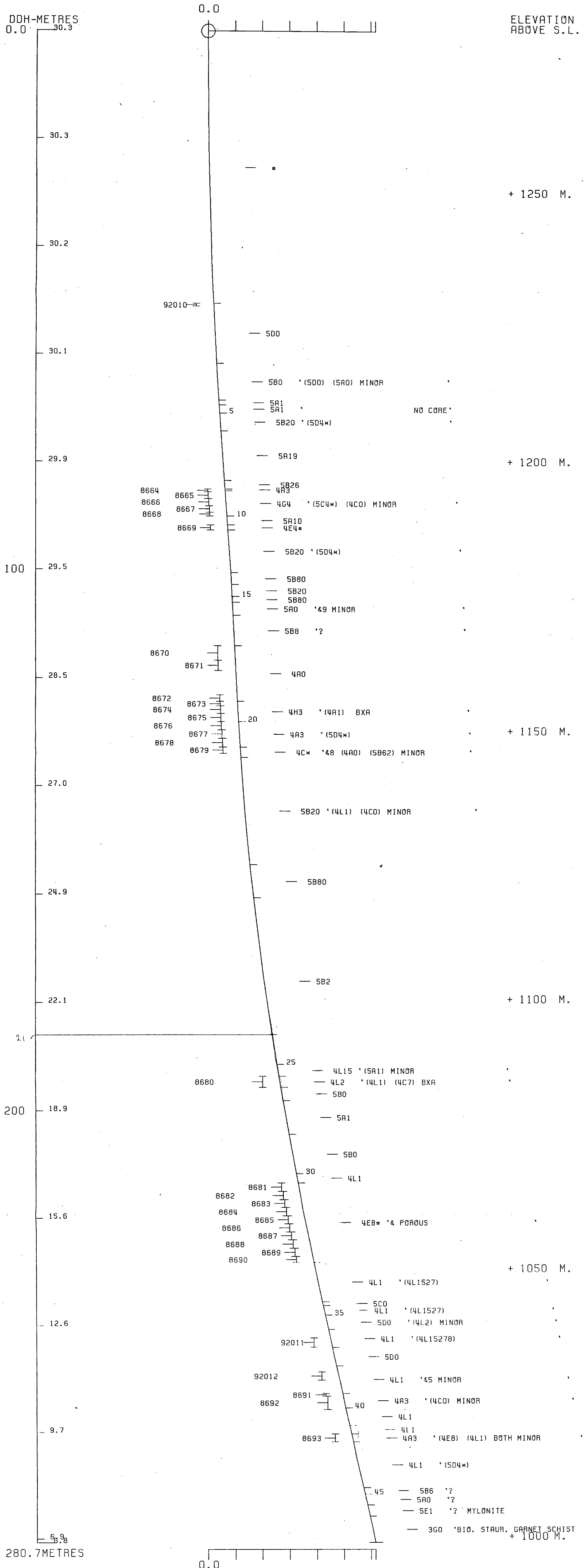
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1274 592443E ; 904697N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 373.8 Z = 1279.9

SECTION NAME: 63W



DDH: FAGA028 -- 42 DEGREE PROFILE

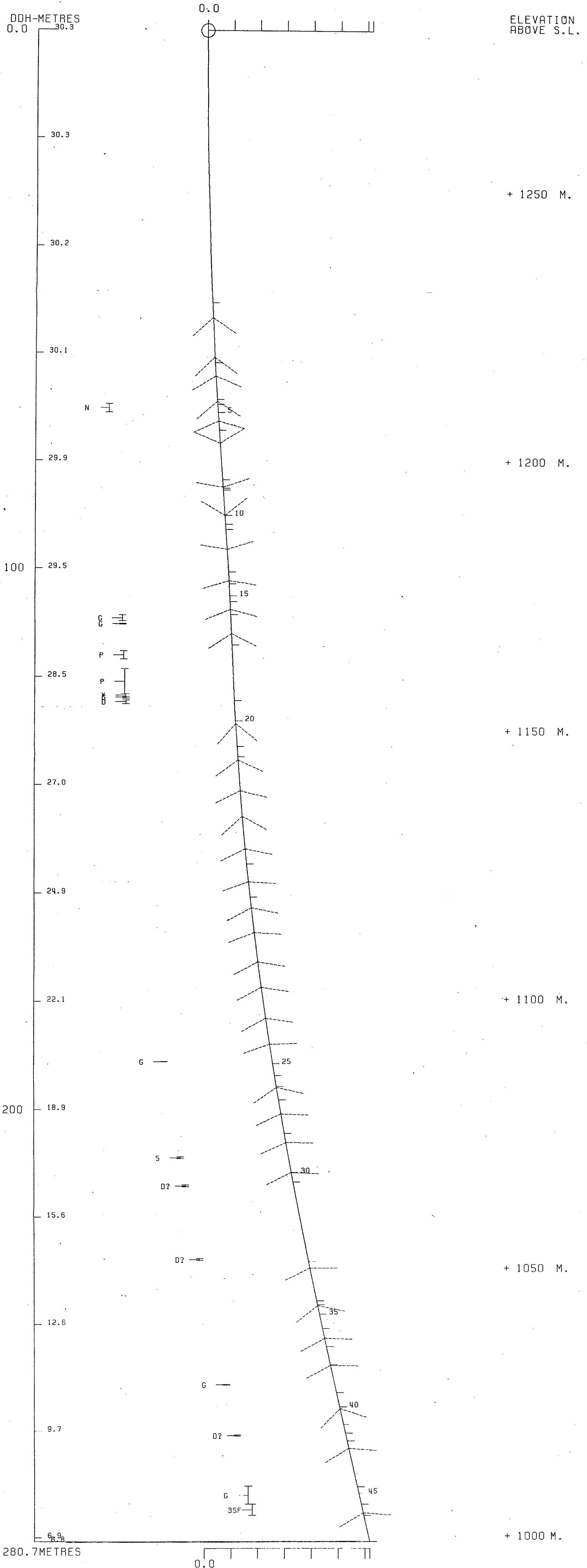
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1274 592443E ; 904697N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 373.8 Z = 1279.9

SECTION NAME: 63W



FAGA

055

DDH	SAMPLE	---DEPTHS---		INT	REC	ROCK	S.G.	CJ	PB	ZN	AG	AU	PO	PY	BAO	PB+ZN	PO+PY	ZN
		FROM	TO	M	%	UNIT		%	%	%	G/MT	G/MT	%	%	%	%	%	RATIO
FAGAC55	8919	149.0	150.0	1.0	100	4A0	3.04	.07	1.03	2.30	27.0	.55	.99	7.80		3.33	8.79	.69
	8920	150.0	150.9	.9	100	4LG	3.28	.06	1.48	1.83	33.0	.55	3.10	10.50		3.31	13.60	.55
	8921	150.9	152.9	2.0	95	4A4	3.09	.03	1.87	5.00	35.0	.75	1.71	6.40		6.87	8.11	.73
	8922	167.5	168.2	.7	100	4G4#	4.71	.14	7.10	7.90	101.0	1.37	1.75	23.80		15.00	25.55	.53
	8923	168.2	169.2	1.0	100	4KL	3.50	.03	2.50	3.80	36.0	.69	3.62	13.90		6.30	17.52	.60
	90136	174.7	175.2	.5		5B6			1.08	2.76	17.1					3.84		.72
	8924	180.7	181.9	1.2	100	4A0	2.99	.03	.85	2.30	19.0	.55	1.12	3.28		3.15	4.40	.73
	8925	181.9	182.9	1.0	100	4E4*8	4.46	.21	4.60	3.90	52.0	1.23	4.24	33.30		8.50	37.54	.46
	8926	182.9	184.6	1.7	100	4E8#@	4.63	.33	1.11	1.36	22.0	1.37	7.30	35.80		2.47	43.10	.55
	8927	184.6	185.8	1.2	100	4E8#@	4.66	.32	.80	1.00	19.0	1.44	9.85	37.50		1.80	47.35	.56
	8928	185.8	187.3	1.5	100	4E8#@	4.43	.25	1.35	1.23	21.0	1.44	6.76	33.70		2.58	40.46	.48
	8929	187.3	189.0	1.7	100	4C8	3.65	.37	1.31	1.60	25.0	.96	6.60	20.40		2.91	27.00	.55
	8930	189.0	190.8	1.8	100	4C8	3.45	.18	.26	.41	6.0	.82	5.06	19.30		.67	24.36	.61
	8931	190.8	192.5	1.7	100	4C8	3.56	.19	1.41	1.20	18.0	.55	8.30	18.50		2.61	26.80	.46
	8932	192.5	194.3	1.8	100	4C8	3.50	.23	1.70	2.40	31.0	1.17	3.87	17.70		4.10	21.57	.59
	9141	194.3	196.3	2.0	100	4C3		.41	.38	.40	18.0					.78		.51

DDH	SAMPLE	ROCK UNIT	NORMATIVE MINERALS - WEIGHT %							*	CPY	NORMATIVE MINERALS - VOLUME %						OTHER
			CPY	GA	SP	PC	PY	BAR	OTHER			GA	SP	PO	PY	BAR		
FAGA055	8919	4A0	.20	1.19	3.43	1.56	16.77	76.85	*	.15	.49	2.62	1.04	10.26	85.45			
	8920	4LG	.17	1.71	2.73	4.88	22.58	67.93	*	.13	.73	2.18	3.39	14.46	79.10			
	8921	4A4	.09	2.16	7.45	2.69	13.76	73.85	*	.06	.89	5.76	1.81	8.51	82.98			
	8922	4G4#	.40	8.20	11.78	2.75	51.18	25.68	*	.40	4.50	12.11	2.46	42.11	38.42			
	8923	4KL	.09	2.89	5.67	5.69	29.89	55.78	*	.07	1.31	4.83	4.22	20.39	69.17			
	90136	5B6		1.25	4.11			94.64	*									
	8924	4A0	.09	.98	3.43	1.76	7.05	86.69	*	.06	.38	2.50	1.12	4.11	91.84			
	8925	4E4*8	.61	5.31	5.81	6.67	71.61	9.99	*	.67	3.26	6.70	6.68	65.97	16.73			
	8926	4E8#0	.95	1.28	2.03	11.48	76.99	7.27	*	1.06	.80	2.36	11.64	71.81	12.33			
	8927	4E8#6	.92	.92	1.49	15.49	80.64	.53	*	1.08	.60	1.83	16.51	79.05	.94			
	8928	4E8#6	.72	1.56	1.83	10.63	72.47	12.78	*	.77	.93	2.06	10.37	65.02	20.85			
	8929	4C8	1.07	1.51	2.39	10.38	43.87	40.78	*	.95	.75	2.22	8.38	32.60	55.10			
	8930	4C8	.52	.30	.61	7.96	41.50	49.11	*	.44	.14	.54	6.13	29.43	63.31			
	8931	4C8	.55	1.63	1.79	13.05	39.78	43.20	*	.48	.80	1.64	10.40	29.15	57.54			
	8932	4C8	.66	1.96	3.58	6.09	38.06	49.64	*	.56	.92	3.16	4.67	26.90	63.78			
	9141	4C3	1.18	.44	.60			97.78	*									

DRILL HOLE : FAGA055
NORTHING : 904,786.2
EASTING : 592,525.9
ELEVATION : 1,277.6
TOTAL DEPTH : 217.9
SECTION : W 64
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS CRE-SAMPLES: 16
NOS DOWN-H-SURVEYS: 4
NOS DOWN-H-LITHOLOGY: 35
NOS DOWN-H-STRUCTURE: 49
NOS DOWN-H-FAULTS: 3
NOS DOWN-H-SPLINES: 4
NOS_CMPOSITES: 0

DDH: FAGA055 UTM-N: 904,738.2 UTM-E: 592,525.9 UTM-ELEV: 1,277.6 TOTAL DEPTH: 217.9 SECTION: W 64
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
61.000	173.900	68.000
121.900	168.000	63.000
195.100	165.500	58.000

DDH: FAGA055 UTM-N: 904708.2 UTM-E: 592525.9 UTM-ELEV: 1277.6 TOTAL DEPTH: 217.9 SECTION: W 64
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
32.9	0001	#		0.5-	1
61.6	0002	5B6	(3B3 B10) (4L6) MINOR	0.5-	1
74.2	0003	4L6		0.5-	1
81.4	0004	5B6		0.5-	1
84.7	0005	5D4*	[4L0]	0.5-	1
89.3	0006	4L6	[5B64] BIC ?	0.5-	1
97.5	0007	5B6	(4L6) MINCR	0.5-	1
111.9	0008	4L0	2 B10	0.5-	1
118.9	0009	4L6	[5B64] [3G STR??]	0.5-	1
127.4	0010	5B6	[3G0]	0.5-	1
128.7	0011	5B6	?	0.5-	1
132.7	0012	5B6		0.5-	1
134.9	0013	4L1	(4A0) 60:40	0.5-	1
136.1	0014	5C4*		0.5-	1
144.6	0015	4A0	[5A19]	0.5-	1
148.0	0016	4L1	-> 4L12 (5D4*) (4A0) MINOR	0.5-	1
150.0	0017	4A0		0.5-	1
150.9	0018	4L6	-> 4L62 (4G4*) (5C*)	0.5-	1
152.9	0019	4A4		0.5-	1
162.3	0020	5B6		0.5-	1
167.5	0021	4L0		0.5-	1
168.3	0022	4G4#		0.5-	1
169.4	0023	4K0	(4L0)	0.5-	1
170.7	0024	4L0		0.5-	1
180.7	0025	5B6	-> 5B26 (5A6) MINOR	0.5-	1
181.9	0026	4A0	84	0.5-	1
182.9	0027	4E4#	-> 4E48#	0.5-	1
187.3	0028	4E8#	8	0.5-	1
194.5	0029	4CE	SERICITIC	0.5-	1
196.3	0030	4C3	-> 4E1	0.5-	1
198.7	0031	4L0		0.5-	1
203.7	0032	4L7	(4H1)	0.5-	1
217.3	0033	4LC		0.5-	1
217.6	0034	5D4*	[4L3]	0.5-	1
217.9	0035	4L0	?	0.5-	1

DDH: FAGA055 UTM-N: 904,788.2 UTM-E: 592,525.9 UTM-ELEV: 1,277.6 TOTAL DEPTH: 217.9 SECTION: W 64
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYTRY	SO	ANGLE	DIRECT	S1	ANGLE	DIRECT	S2	ANGLE	DIRECT	RFE	CDE	DHDC	SDC	PROCESS
FAGA055	0.0	42.4	PS2			0	0	0	C		70	230	C			1	1	1
FAGA055	0.0	47.9	PS2			C	0	C	C		62	230	C			1	1	1
FAGA055	32.9	51.2	PS2	P		C	0	C	C		0	0	C			1	1	1
FAGA055	0.0	53.9	CS2			0	C	0	C		70	230	C			1	1	1
FAGA055	0.0	60.0	CS2			C	0	C	C		64	230	C			1	1	1
FAGA055	51.2	61.3	CS2	Z		C	0	0	C		0	0	C			1	1	1
FAGA055	61.3	65.1	CS2	S		0	0	0	C		0	0	C			1	1	1
FAGA055	0.0	65.1	CS2			0	C	0	C		65	230	C			1	1	1
FAGA055	65.1	67.1	CS2	Z		0	0	0	C		0	0	C			1	1	1
FAGA055	0.0	71.0	PS2			C	0	0	C		62	230	C			1	1	1
FAGA055	0.0	76.5	PS2			0	0	0	C		68	230	C			1	1	1
FAGA055	0.0	82.3	PS2	Z		0	0	0	C		69	230	C			1	1	1
FAGA055	67.1	84.7	PS2	P		0	0	0	C		0	0	C			1	1	1
FAGA055	0.0	88.4	CS2			C	0	0	C		75	230	C			1	1	1
FAGA055	0.0	94.5	CS2			0	C	0	C		70	230	C			1	1	1
FAGA055	84.7	99.5	CS2	Z		0	0	0	C		0	0	C			1	1	1
FAGA055	0.0	99.5	CS2			0	0	0	C		68	230	C			1	1	1
FAGA055	99.5	103.6	PS2	P		0	0	0	C		0	0	C			1	1	1
FAGA055	0.0	105.5	CS2			0	C	0	C		73	230	C			1	1	1
FAGA055	0.0	111.3	CS2			0	0	0	C		68	230	C			1	1	1
FAGA055	103.6	111.9	CS2	M		0	0	0	C		0	0	C			1	1	1
FAGA055	0.0	117.3	CS2			C	0	0	C		71	230	C			1	1	1
FAGA055	111.9	123.1	CS2	Z		0	0	0	C		0	0	C			1	1	1
FAGA055	0.0	123.1	CS2			C	C	0	C		70	230	C			1	1	1
FAGA055	0.0	128.8	CS2			0	0	0	C		80	230	C			1	1	1
FAGA055	123.1	134.4	CS2	M		0	0	0	C		0	0	C			1	1	1
FAGA055	0.0	134.4	CS2			C	0	0	C		76	230	C			1	1	1
FAGA055	134.4	137.2	PS2	P		0	C	0	C		0	0	C			1	1	1
FAGA055	0.0	137.2	PS2			C	0	C	C		90	230	C			1	1	1
FAGA055	0.0	142.0	CS2			0	C	0	C		81	230	C			1	1	1
FAGA055	137.2	144.6	CS2	Z		C	0	0	C		0	0	C			1	1	1
FAGA055	0.0	147.8	PS2			0	0	0	C		80	230	C			1	1	1
FAGA055	0.0	153.8	PS2			0	0	0	C		77	230	C			1	1	1
FAGA055	0.0	159.7	PS2			0	0	0	C		52	230	C			1	1	1
FAGA055	0.0	164.9	PS2			0	0	0	C		84	230	C			1	1	1
FAGA055	0.0	169.4	PS2			C	0	0	C		52	230	C			1	1	1
FAGA055	0.0	174.7	PS2			0	0	0	C		85	230	C			1	1	1
FAGA055	144.6	175.9	PS2	P		C	C	0	C		0	0	C			1	1	1
FAGA055	0.0	180.7	CS2			0	0	0	C		66	230	C			1	1	1
FAGA055	175.9	181.9	CS2	Z		0	0	0	C		0	0	C			1	1	1
FAGA055	0.0	186.2	PS2			0	0	0	C		55	230	C			1	1	1
FAGA055	0.0	190.5	PS2			0	0	0	C		54	230	C			1	1	1
FAGA055	0.0	196.3	PS2			C	0	0	C		56	230	C			1	1	1
FAGA055	0.0	202.4	PS2			C	0	0	C		77	230	C			1	1	1
FAGA055	181.9	206.0	PS2	P		C	0	C	C		0	0	C			1	1	1
FAGA055	206.0	208.5	CS2	S		0	0	0	C		0	0	C			1	1	1
FAGA055	0.0	208.5	CS2			0	0	0	C		49	230	C			1	1	1
FAGA055	0.0	213.7	PS2			0	0	0	C		65	230	C			1	1	1
FAGA055	208.5	217.9	PS2	P		0	C	0	C		0	0	C			1	1	1

DDH: FAGA055 UTM-N: 904,788.2 UTM-E: 592,525.9 UTM-ELEV: 1,277.6 TOTAL DEPTH: 217.9 SECTION: W 64
 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	D/D			
FAGA055	127.4	128.7	PG		1		0	0	0	0	1		
FAGA055	0.0	143.5	G				0	0	99	999	0	0	1
FAGA055	217.6	217.9	G				0	0	0	0	0	0	1

21MAR84 GRUM

DOWN-HOLE SPLINES (DH020)

PAGE: 24

DDH: FAGA055 UTM-N: 904,738.2 UTM-E: 592,525.9 UTM-ELEV: 1,277.6 TOTAL DEPTH: 217.9 SECTION: W 64
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH SEGMENT NOS COND INDICATOR

FAGA055	1	2
FAGA055	2	2
FAGA055	3	2
FAGA055	4	1

CYPRUS ANVIL MINING CORPORATION

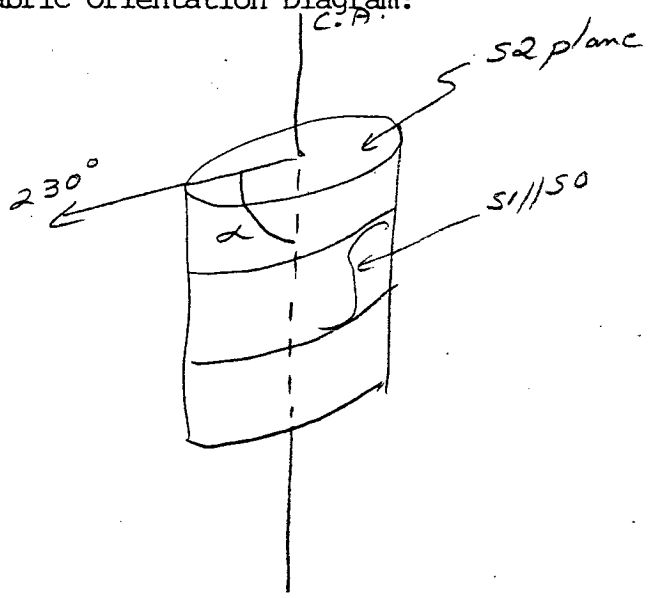
DIAMOND DRILL CORE LOG

Hole Number: 74-A055

Fabric Orientation Diagram:

Project: GRUM RELOG

Location: VANGORDA PLAT.



Claim: _____

UTM Terr. Plane Co-ords.: 6,904,788.2 N

1979 HED
Drill photo
Survey

592,525.9 E

Grid Co-ords.: 64W/4N

All symmetry determinations looking

NW with 52 dipping

SW with dip azimuth 230°.

Elevation: 1277.62

Total Depth: 715.0 ft.

Purpose: _____

Re Logged by: DJH

Date(s) Logged: _____

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

BQ 0 715

Started: 27/10/74 Completed: 3/11/74

Lithologic Log

Code	From		To		Unit		Code	Description
	10	14	16	20	22	23		
32.7		100	110	80	11		#	0/B-triconed (no core)
61.6		110	120	120	12		5B6	360?; w/ minor 4L6 and 5B0 bands; ± biotite and chl. rich zones giving rise to variable colour banding; have already started chl → bio transition zone
74.2		120	124	133	13		4L6	w/ nil to mod. alt'n generally incomplete; stretches of 5B6; ± bio and chl as unit 2
81.4		124	126	170	14		5B6	v. minor chl; boring grey phyllite
84.7		126	127	180	15		4L10	buff coloured; altered 5D?
89.3		127	129	130	16		4L6	? or v. weakly altered 5B6; bio. ?; ^{as com.} 3
97.5		129	132	100	17		5B6	w/ minor 4L6; grad. lower ct.
111.9		132	136	170	18		4L10	mod → strongly altered; ± bio in less altered sections
36.2		136	139	100	19		4L6	5B4?; v. weakly altered transition zone from 4L0 → 5B6; cannot rightly be called 4L6 since chl+bio ← ser; gen. light grey in colour reflecting some buff ser. alt'n; similar to units 3&6
127.4		139	141	180	10		5B6	360?; med grey phyllite
128.7		141	142	24	11		5B6	? ~ .5' clay gouge rec'd; fault?
132.7		142	143	155	12		5B6	as unit 10
139.9		143	144	26	13		4L1A	60:40 4L1:4A0 ^{o+phyl partings + 36z finely interl.}
36.1		144	144	66	14		5D4	w/ mariposite ^{503 moth+lam, chlorite + var. posit}
44.6		144	147	45	15		4A0	< 5% tot. sdes; not split ^{sampled by C.A. - very low 21% PbZn}
148.0		147	148	55	16		4L1	→ 4L12 w/ minor 5D4 4A bands ^{thinly pervasively fol. low grade}
150.0		148	149	20	17		4A0	10-15% tot. sdes ^{4A1 by phyll partings + 36z finely int. called SA}
0.9		149	149	50	18		4L6	→ 4L62; minor 4G? @ 494 @ 4K0 both banded + 46z no Zn ^{thin coarse 49z}
52.8		149	150	15	19		4A0	± 4 ± 36z finely interbanded ^{as unit 17 but w/ more Pb/Zn}
62.7		150	153	24	20		5B6	v. minor → nil chl; grey phyllite
167.5		153	154	96	21		4L10	buff → white colour; mod → strongly alt'd
170.7		154	155	28	22		4G4	* calc; I think there is some Bc ^{557.0-555.7 = 4K0}
180.7		155	156	10	23		4L10	strong → mod alt'n; sde bands 552.5- 555.7; grad lower ct. ^{→ 4E4w/large dark phylite}
181.9		156	159	30	24		5B6	→ 5B62 locally w/ minor 5A6
		159	159	68	25		4A0	± 4 some PbZn but probably 45% overall

Code	From f			To f			Feature	E S ₁	S ₁		S ₂		Description
	10	14	16	20	22	24			26	28	Dip	Direct.	
													0/B - 0-108.
S				11390	PSI2				70	230			PS2-region 108-168'
S				11570	PSI2				62	230			(occ. lithons w/ Z&S sym)
S				11680	FRP								Z region 168'-201'
S				11770	CSI2				70	230			
S				11970	CSI2				64	230			
S				12010	FRZ								S region 201-213.5'
S				12135	FRZ				65	230			Z region 213.5-220.0
S				12200	FRZ								PS2 region 220.0-267.0
S				12330	PSI2				62	230			(minor Z sym)
S				12510	PSI2				68	230			
S				12670	FRP								R region 267.0-278.0
S				12700	SI2				69	230			
S				12780	FRR								Z region 278.0-326.5
S				12900	CSI2				75	230			
S				13100	CSI2				70	230			
S				13265	FRZ				68	230			PS2 region 326.5-340.0
S				13400	FRP								M region 340.0-367.0
S				13460	CSI2				73	230			
S				13650	CSI2				68	230			
S				13670	FRM								Z region 367.0-404.0
S				13850	CSI2				71	230			
S				14090	FRZ				70	230			M region 404.0-441
S				14225	CSI2				80	230			
S				14410	FRM				76	230			R region 441.0-450.0
S				14500	FRR				90	230			Z region 450.0-474.5
S				14660	CSI2				81	230			
S				14745	FRZ								R region 474.5-501.5
S				14850	SI2				80	230			(minor Z)
S				15015	FRR								PS2 region 501.5-541.0
S				15045	PSI2				77	230			
S				15240	PSI2				52	230			
S				15410	FRP				84	230			R region 541.0-555.7
S				15557	FRR				52	230			PS2 region 555.7-577.0
S				15730	PSI2				85	230			
S				15770	FRP								Z region 577.0-596.8

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	148	190	149	120	189	119	130	130	14A11					c+phyl + 3Gzfi. #17	
P	149	120	149	150	189	120	130	130	14K10					(50%) #18	
P	149	150	150	115	189	121	165	161	14A10					±4 #19	
P	154	196	155	120	189	122	124	124	14G14*					calc #22	
P	155	120	155	157	189	123	137	137	14K10					#23	
F	159	130	159	168	189	124	138	138	14A10					±4 #25	
P	159	168	160	100	189	125	132	132	14E14*					±8 #26	
P	160		160	155	189	126	155	155	14E18*					#27	
P	160	155	160	197	189	127	142	142	14E18*					#27	
P	160	197	161	146	189	128	149	149	14E18*					#27	
P	161	146	162	100	189	129	154	154	14C18					sericitic #29	
P	162	100	162	160	189	130	160	160	14C18					sericitic #28	
P	162	160	163	116	189	131	156	156	14C18					sericitic #28	
P	163	116	163	176	189	132	160	159	14C18					sericitic #28	
P	163	176	164	139	189	133	163	160	14C18					" #28	

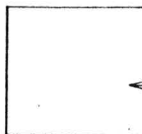
Feet

DIAMOND DRILL RECORD

LOGGED BY _____

D.D.H. No. A - 55 PAGE 5 of 10

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



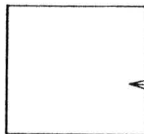
CLAIM No. _____
 DIRECTION AND DISTANCE FROM
 NE. CLAIM POST

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	
446.1	474.5	SULPHIDE ZONE IN QUARTZ-GRAPHITE PHYLLITE 80 - 85% qtz, 10 - 15% graph, 3 - 8% py, a few specks sphal, minor chalco, (0.07% Cu). Rock, siliceous, amny fractures to 460.0. Locally F1 developed. Striped banding. Brecciated and re-cemented at 456 - 456.5. C.A.: 85 - 90 at 446 - 451'; 85 - 75 - 85 at 452 - 456'; 85 - 90 - 85 at 457 - 474.	8.0/ 9.9 18.5/ 18.5		446.1	456.0										
474.5	485.5	QUARTZ-SERICITE-CHLIRITE PHYLLITE. Altered, bleached buff. 60 - 65% qtz, <1 py, <1 chl. (local). Thinly foliated with many qtz veins, the latter often fractured and show brecciation. Shear breccia (re-cemented) at 484.5. No PbZn seen. Rock firm. C.A.: 85 - 90 at 475 - 483'; 75 at 484'.	10.7/ 11		474.5	485.5										
485.5	501.5	SULPHIDE ZONE IN QUARTZ-GRAPHITE PHYLLITE AND QUARTZ-SERICITE PHYLLITE As 446.1 - 474.5 but more sulphs, also include band of buff colored ser. at 492 - 494.5. F2 fold nose at 494' with rich PbZn at nose. 485.5 - 489.0: 10 py, No PbZn - 492.9: 5 py, 6 PbZn - 496.5: 3 py, 0.7 PbZn - 501.5: 3 py, 9 PbZn C.A.: 85 at 485 - 492'; 65 at 492.5'; 80 at 495'; 90 at 496'; 85 at 497'; 75 - 80 at 498 - 501'.	3.5/ 3.5		485.5	489.0										
					491.5	501.5	1.4						2.296	3.696	1.442	
			3.9	1001	492.9	3.9	1.64	2.64	1.03							
			3.6	1002	496.5	3.6	.85	1.66	.41				3.06	5.976	1.476	
			3.9	1003	501.5	5.0	3.00	7.44	1.32				15.00	37.20	6.60	
					491.5	501.5	10.0	2.04	4.69	0.95	3.0		20.356	46.872	9.518	

DIAMOND DRILL RECORD

LOGGED BY _____

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



D.D.H. No. A - 55 PAGE 6 of 10



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		
501.6 ^{5.7}	506.6	QUARTZ-SERICITE-GRAPHITE PHYLLITE	4.3/ 5.1		501.5	506.6											
		70% qtz, 25 ser, 5 graph, rock firm. Thinly laminated, Med. grey, C.A.: 75 - 80°															
506.6	531.6	QUARTZ-SERICITE PHYLLITE	12.2/ 12.4		506.6	519.0											
		70% qtz, 30 ser, firm rock. Thinly laminated, med. grey. Shear with brecciation at 524 - 524.5' and 526.4 - 527. C.A.: 75 - 80 at 507 - 513'; 75 at 518'; 70 at 519'; 65 at 523'; 70 at 527'; 75 at 529'; 85 at 530'.	3.4/5			524.0											
			0.9/2			526.0											
531.6	548.9	QUARTZ-SERICITE PHYLLITE, Bleached buff with minor sulphides	2.5/ 3.4		531.6	535.0											
		70% qtz, 28 - 30 ser, 1 - 2 py, 0.3 PbZn. Thinly laminated, firm rock, seathered threads spahl-gal, in qtzose bands. 542.5 - 548.9 slightly leached-looking. Shear (right) at 547.5 - 547.5 - 548.9 ~ 0.6% PbZn. C.A.: 85 at 532 - 538'; 75 at 539 - 547'; 85 at 548'.	12/ 12.5			547.5											
			1.4	1004	166.7 ^M	548.9	1.4	.90	.94	.26				1.26	1.316	0.364	
548.9	554.5	MASSIVE SULPHIDES															
		Fine grained (60%), PbZn (10%) in qtz-barite matrix, banded. Spahl color light-med-dark brown. 0.7 barren qtz-ankerite (?). F2? folds at 549 - 550.5 F2 mineralization. C.A.: 70°.	5.4	1005	548.9	554.5	1.7 ^m 5.6	6.00	7.82	2.15				33.6	43.792	12.04	

DIAMOND DRILL RECORD

LOGGED BY _____

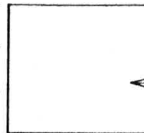
D.D.H. No. A - 55 PAGE 8 of 10

PROPERTY _____

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH Proposed: Ultimate: _____



CLAIM No. _____

DIRECTION AND DISTANCE FROM

NE. CLAIM POST 29.41

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
592.3	596.8	QUARTZ-GRAPHITE PHYLLITE WITH SULPHIDES 65 - 70% qtz, 25 - 30 graph, 3 py, 4 PbZn. Striped, fissile. Fl well developed at 593 - 594.5. C.A.: 70 at 593'; 75 at 594'; 85 at 595'; 75 at 596.5 Contact with sulphides at 80'.	3.7	1008	592.3	596.8	4.5	1.23	2.88	.59		4.11	5.54	12.96	2.46
596.8	614.6	MASSIVE SULPHIDES 75 - 80% py, fine grained with streaky blebs and bands mag and low PbZn. 596.8 - 600.0: 75 py, 8 PbZn, 0.5 mag. 612.5: 80 py, 1 - 2 PbZn, 2 - 3 mag. 615.0: 80 py, 2 - 3 PbZn, no mag. C.A.: 70 at 597'; 60 at 599'; 45 at 601'; 55 at 605'; 60 at 606'; 55 at 607'; 63 at 609 - 612'; 75 at 614'.	3.2	1009	596.8	600.0	3.2	5.33	5.16	1.50			17.06	16.51	4.80
			5.0	1010	605.0	605.0	5.0	1.23	1.38	.74		2.61	2.93	3.17	1.70
			9.6	1011	614.6	614.6	9.6	1.15	1.18	.47		2.33	3.44	3.86	2.07
			8.4	1012	614.6	623.0	8.4	1.35	1.72	.50		3.07	26.04	33.33	9.53
614.6	644.4	SULPHIDE ZONE IN QUARTZ-SERICITE PHYLLITE (Buff color sericite) 60 - 65% qtz, 35 - 55 py, minor mag, variable Cu, av. 0.10%, short rich sections; widely separated narrow, med. grade. PbZn bands (av.) 3%. Rock highly siliceous and hard, also contain 0.5% light brown mineral. 614.6 - 636.5 = 35 py, 636.5 - 644.2 = 55 - 60 py, Ser. 3 - 5%. C.A.: 70 at 615 - 637'; 75 at 638'; 85 at 640'; 75 at 643'.	10.0	1013	633.0	633.0	10.0	.83	.74	.21		1.57	25.43	32.64	7.16
			6.4	1014	639.6	639.6	6.6	1.45	1.72	.65		3.17			
			4.2	1015	644.0	644.0	4.4	.37	.26	.29		0.63			
			0.4/0.4		644.4	644.4							8.01		
				WT A:	600.0	623.0	23.0	2.66	.72						
				WT A:	182.9M		11.9	2.47	PbZn						

DDH: FAGA055 -- 42 DEGREE PROFILE

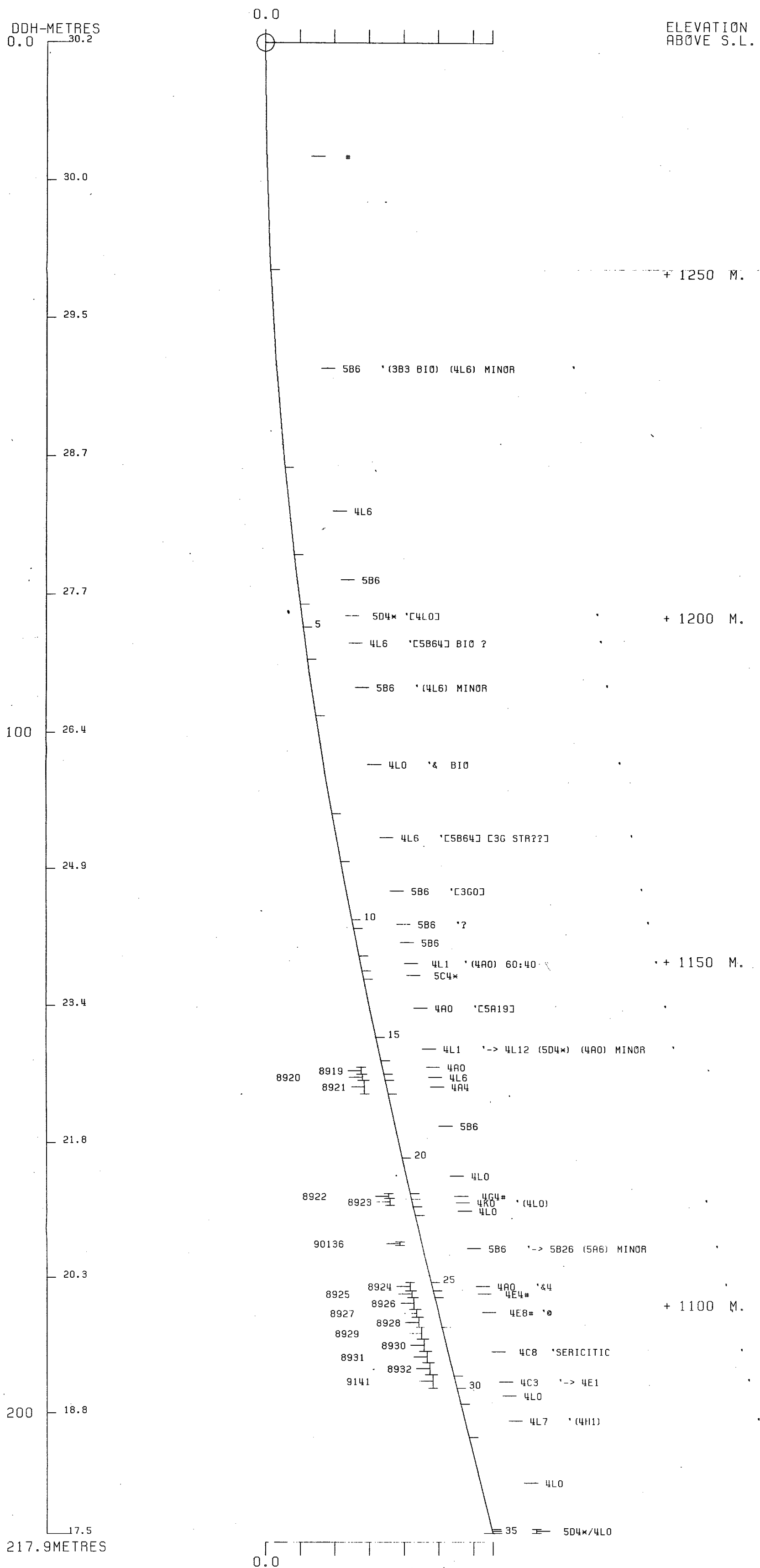
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1278 592526E ; 904788N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 496.7 Z = 1283.5

SECTION NAME: 63W



DDH: FAGA055 -- 42 DEGREE PROFILE

(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1278 592526E ; 904788N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 496.7 Z = 1283.5

SECTION NAME: 63W

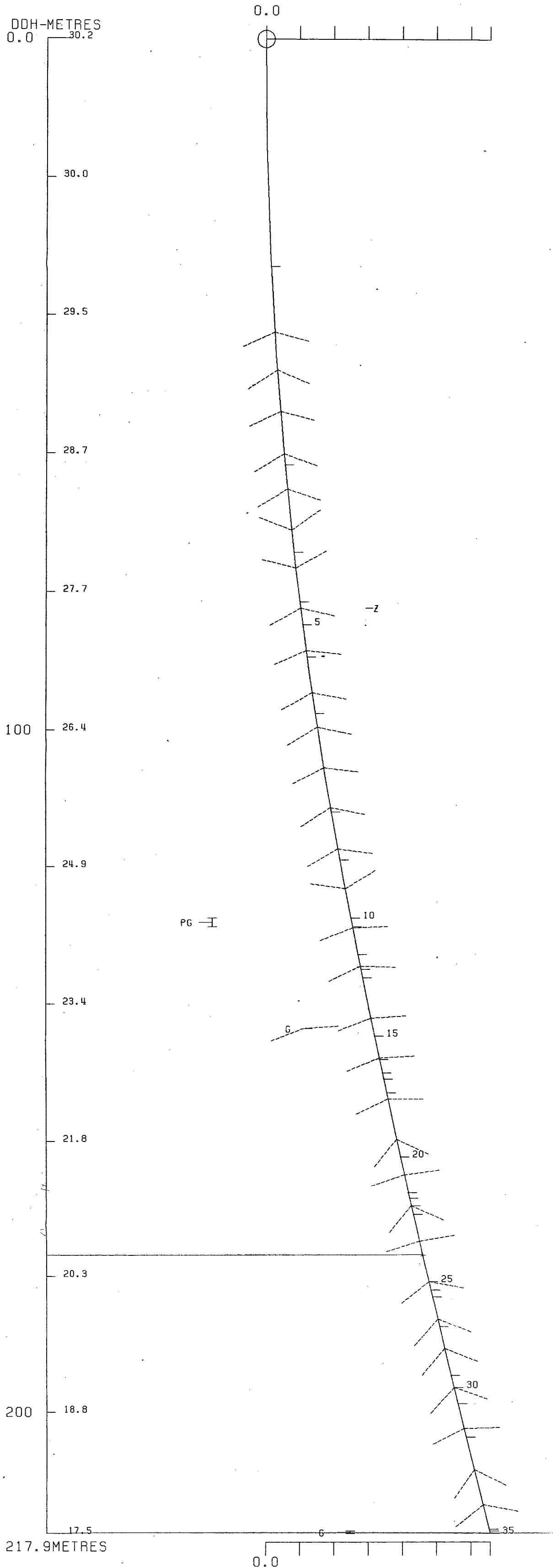
ELEVATION ABOVE S.L.

+ 1250 M.

+ 1200 M.

+ 1150 M.

+ 1100 M.



PG I



FAGA 077

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
FAGA077	6259	115.1 115.8	.7	100	4L0	3.17	.14	.67	.68	16.0	.21	6.60	7.80		1.35	14.40	.50
	6260	116.7 118.4	1.7	76	4C0	3.87	.19	1.81	1.65	31.0	.48	8.40	22.50		3.46	30.90	.48
	6261	118.4 119.8	1.4	100	4E0	4.35	.18	2.80	1.63	47.0	.62	3.73	35.90		4.43	39.63	.37
	6262	119.8 120.1	.3	67	4K4@	3.31	.54	1.96	2.70	59.0	1.44	4.85	10.90		4.66	15.75	.58
	6263	120.1 121.6	1.5	100	4E42	4.05	.11	3.50	3.00	46.0	.41	2.58	29.80		6.50	32.38	.46
	6264	121.6 123.7	2.1	100	4E1@	3.61	.14	.74	.64	19.0	.41	2.00	24.00		1.38	26.00	.46
	6265	174.5 175.0	.5	100	4D0	3.44	.18	2.30	1.99	33.0	.55	7.82	14.10		4.29	21.92	.46
	6266	175.0 175.4	.4	75	4L2@	3.30	.12	1.22	1.12	23.0	.48	6.86	11.10		2.34	17.96	.48
	6267	175.4 175.7	.3	100	4CE8	4.11	.23	.66	.68	22.0	.82	3.88	30.70		1.34	34.58	.51
	6268	175.7 177.4	1.7	71	4A0	3.00	.03	.06	.06	3.0	.21	3.70	4.19		.12	7.89	.50
	6269	177.4 178.1	.7	100	4A0	2.87	.05	.11	.14	4.0	.27	2.06	3.89		.25	5.95	.56
	6270	178.1 178.6	.5	80	4E0	3.98	.16	1.54	1.12	34.0	1.37	3.51	30.30		2.66	33.81	.42
	6271	178.6 179.2	.6	100	4L13	3.23	.13	.63	.58	13.0	.27	3.46	9.40		1.21	12.86	.48
	6272	179.2 179.7	.5	100	4D@	3.43	.13	3.30	3.40	42.0	.41	5.12	12.90		6.70	18.02	.51
	6273	179.7 180.7	1.0	100	4L23	3.22	.16	1.52	1.21	31.0	.34	3.32	10.70		2.73	14.02	.44
	6274	180.7 181.8	1.1	82	4E8	4.02	.25	1.72	1.26	38.0	.62	7.28	28.00		2.98	35.28	.42
	6275	181.8 182.3	.5	80	4CA	3.25	.09	.31	.22	9.0	.27	5.03	12.50		.53	17.53	.42
	6276	182.3 182.7	.4	100	4A0	2.92	.03	.08	.04	4.0	.21	2.77	2.61		.12	5.38	.33
	6277	182.7 184.1	1.4	100	4L0	2.88	.02	.01	.01	1.0	.21	2.32	1.75		.02	4.07	.50
	6278	184.1 185.6	1.5	93	4L0	2.94	.02	.02	.07	1.0	.21	2.19	2.27		.09	4.46	.78
	6279	185.6 186.2	.6	100	4A0	3.02	.05	.50	.60	9.0	.41	2.24	7.90		1.10	10.14	.55
	6280	186.2 187.2	1.0	100	4E1	4.20	.13	.58	.18	18.0	1.03	1.94	38.10		.76	40.04	.24
	6281	187.2 189.1	1.9	100	4L14	3.50	.12	1.97	2.07	26.0	.55	5.29	16.40		4.04	21.69	.51
	6282	189.1 191.1	2.0	100	4L14	3.45	.12	1.93	2.04	25.0	.69	4.86	16.10		3.97	20.96	.51
	6283	191.1 192.6	1.5	100	4L14	3.45	.10	1.80	1.93	23.0	.55	4.64	15.00		3.73	19.64	.52
	6284	192.6 194.8	2.2	100	4L14	3.43	.20	2.30	2.80	29.0	.75	6.47	15.30		5.10	21.77	.55
	6285	194.8 197.8	3.0	100	4L14	3.27	.11	1.84	1.50	23.0	.55	4.07	12.20		3.34	16.27	.45
	6286	197.8 198.4	.6	100	4A0	3.02	.10	.67	.75	8.0	.55	2.95	6.20		1.42	9.15	.53
	6287	198.4 199.8	1.4	100	4L14	3.78	.15	2.06	2.50	26.0	.55	5.70	17.50		4.56	23.20	.55
	6288	199.8 202.1	2.3	100	4L14	3.67	.16	2.60	2.90	32.0	.89	6.70	16.90		5.50	23.60	.53
	6289	202.1 203.5	1.4	100	4L14	3.28	.09	1.60	1.50	18.0	.27	5.30	11.30		3.10	16.60	.48
	6290	203.5 204.7	1.2	100	4L12	3.25	.11	1.36	1.46	20.0	.21	4.90	9.80		2.82	14.70	.52
	6291	237.3 237.5	.2	100	4E0	3.78	.02	.06	.03	7.0	.48	6.50	27.60		.09	34.10	.33
	6292	237.5 238.3	.8	100	4A0	3.14	.05	.14	.23	5.0	.27	2.72	12.10		.37	14.82	.62
	6293	238.3 238.7	.4	100	4E1*8	4.15	.12	3.30	1.40	59.0	.89	10.40	26.10		4.70	36.50	.30
	6294	238.7 239.1	.4	100	4G08	4.24	.08	3.70	3.60	53.0	.21	7.66	27.90		7.30	35.56	.49
	6295	239.1 239.6	.5	100	4CLA	3.53	.15	1.48	1.17	26.0	.62	2.06	20.10		2.65	22.16	.44
	6296	239.6 240.2	.6	100	4L0	3.11	.13	.41	.08	9.0	.21	3.74	7.20		.49	10.94	.16
	6297	240.2 241.5	1.3	100	4A1	3.25	.18	2.30	1.95	36.0	.89	4.44	21.90		4.25	26.34	.46
	6298	241.5 243.8	2.3	57	4E68*	3.05	.15	3.50	3.30	51.0	.75	6.40	28.80		6.80	35.20	.49
	6299	243.8 245.1	1.3	85	4E8*	3.90	.15	1.95	.86	39.0	.41	7.50	26.20		2.81	33.70	.31
	6300	245.1 246.4	1.3	100	4E8*	3.30	.12	3.00	.50	53.0	.48	10.00	23.70		3.50	33.70	.14
	6301	246.4 248.3	1.9	79	4AE	3.56	.04	.09	.10	5.0	.27	1.32	19.60		.19	20.92	.53
	6360	248.3 251.3	3.0	77	5A19		.01	.03	.03	2.0					.06		.50
	6302	251.3 252.2	.9	100	4A3		.01	.06	.02	5.0					.08		.25
	6303	252.2 252.8	.6	100	4A0		.01	.03	.02	2.0					.05		.40
	6304	258.0 259.6	1.6	69	4E51		.01	.06	.02	5.0					.08		.25
	6305	259.6 261.2	1.6	69	4A0		.01	.07	.03	5.0					.10		.30

DDH	SAMPLE	ROCK UNIT	NORMATIVE MINERALS - WEIGHT %							*	CPY	NORMATIVE MINERALS - VOLUME %					OTHER
			CPY	GA	SP	PO	PY	BAR	OTHER			GA	SP	PO	PY	BAR	
FAGA077	6259	4L0	.40	.77	1.01	10.38	16.77		70.65	*	.30	.32	.80	7.11	10.56		80.90
	6260	4C0	.55	2.09	2.46	13.21	48.39		33.30	*	.51	1.09	2.39	11.18	37.68		47.15
	6261	4E0	.52	3.23	2.43	5.87	77.20		10.75	*	.57	1.98	2.79	5.85	70.87		17.94
	6262	4K4a	1.56	2.26	4.03	7.63	23.44		61.08	*	1.23	1.00	3.33	5.48	15.50		73.46
	6263	4E42	.32	4.04	4.47	4.06	64.08		23.03	*	.32	2.26	4.70	3.71	53.84		35.17
	6264	4E1a	.40	.85	.95	3.15	51.61		43.03	*	.36	.42	.88	2.52	38.09		57.73
	6265	4D0	.52	2.66	2.97	12.30	30.32		51.24	*	.43	1.24	2.59	9.35	21.21		65.17
	6266	4L2a	.35	1.41	1.67	10.79	23.87		61.92	*	.27	.62	1.38	7.73	15.74		74.25
	6267	4CE8	.66	.76	1.01	6.10	66.02		25.44	*	.65	.42	1.04	5.46	54.35		38.07
	6268	4A0	.09	.07	.09	5.82	9.01		84.92	*	.06	.03	.07	3.72	5.30		90.83
	6269	4A0	.14	.13	.21	3.24	8.37		87.91	*	.10	.05	.15	2.04	4.86		92.80
	6270	4E0	.46	1.78	1.67	5.52	65.16		25.41	*	.45	.98	1.72	4.95	53.77		38.12
	6271	4L13	.38	.73	.86	5.44	20.21		72.38	*	.28	.30	.68	3.70	12.66		82.38
	6272	4D@	.38	3.81	5.07	8.05	27.74		54.95	*	.31	1.74	4.35	6.01	19.04		68.56
	6273	4L23	.46	1.76	1.80	5.22	23.01		67.75	*	.35	.75	1.45	3.64	14.77		79.04
	6274	4E8	.72	1.99	1.88	11.45	60.21		23.75	*	.71	1.10	1.95	10.34	50.02		35.87
	6275	4CA	.26	.36	.33	7.91	26.88		64.26	*	.20	.16	.27	5.61	17.54		76.23
	6276	4A0	.09	.09	.06	4.36	5.61		89.79	*	.06	.04	.04	2.72	3.23		93.91
	6277	4L0	.06	.01	.01	3.65	3.76		92.50	*	.04		.01	2.25	2.14		95.55
	6278	4L0	.06	.02	.10	3.44	4.88		91.49	*	.04	.01	.07	2.14	2.79		94.95
	6279	4A0	.14	.58	.89	3.52	16.99		77.87	*	.10	.23	.68	2.33	10.35		86.29
	6280	4E1	.38	.67	.27	3.05	81.93		13.70	*	.40	.40	.30	2.98	73.56		22.36
	6281	4L14	.35	2.28	3.09	8.32	35.27		50.70	*	.29	1.07	2.71	6.36	24.79		64.79
	6282	4L14	.35	2.23	3.04	7.64	34.62		52.12	*	.29	1.04	2.65	5.79	24.15		66.08
	6283	4L14	.29	2.08	2.88	7.30	32.26		55.20	*	.24	.95	2.47	5.44	22.11		68.80
	6284	4L14	.58	2.66	4.17	10.18	32.90		49.51	*	.49	1.25	3.68	7.81	23.23		63.55
	6285	4L14	.32	2.13	2.24	6.40	26.24		62.68	*	.25	.93	1.84	4.58	17.29		75.10
	6286	4A0	.29	.77	1.12	4.64	13.33		79.85	*	.21	.31	.84	3.04	8.04		87.56
	6287	4L14	.43	2.38	3.73	8.96	37.63		46.86	*	.37	1.14	3.34	6.99	27.01		61.15
	6288	4L14	.46	3.00	4.32	10.54	36.34		45.33	*	.40	1.45	3.91	8.29	26.30		59.65
	6289	4L14	.26	1.85	2.24	8.34	24.30		63.02	*	.20	.81	1.84	5.95	15.96		75.24
	6290	4L12	.32	1.57	2.18	7.71	21.07		67.15	*	.24	.67	1.75	5.38	13.54		78.42
	6291	4E0	.06	.07	.04	10.22	59.35		30.25	*	.05	.04	.04	8.84	47.24		43.78
	6292	4A0	.14	.16	.34	4.28	26.02		69.05	*	.11	.07	.27	2.96	16.58		80.00
	6293	4E1*8	.35	3.81	2.09	16.36	56.13		21.27	*	.35	2.15	2.21	15.05	47.51		32.74
	6294	4G08	.23	4.27	5.37	12.05	60.00		18.08	*	.24	2.46	5.79	11.31	51.81		28.39
	6295	4CLA	.43	1.71	1.74	3.24	43.23		49.65	*	.37	.81	1.55	2.50	30.69		64.09
	6296	4L0	.38	.47	.12	5.88	15.48		77.67	*	.27	.19	.09	3.90	9.44		86.10
	6297	4A1	.52	2.66	2.91	6.98	47.10		39.84	*	.47	1.33	2.73	5.70	35.37		54.40
	6298	4E68*	.43	4.04	4.92	10.07	61.93		18.61	*	.44	2.32	5.30	9.43	53.36		29.15
	6299	4E8*	.43	2.25	1.28	11.80	56.34		27.89	*	.42	1.22	1.30	10.38	45.62		41.07
	6300	4E8*	.35	3.46	.75	15.73	50.97		28.75	*	.33	1.86	.75	13.79	41.11		42.16
	6301	4AE	.12	.10	.15	2.08	42.15		55.41	*	.09	.05	.13	1.55	28.96		69.22
	6360	5A19	.03	.03	.04				99.89	*							
	6302	4A3	.03	.07	.03				99.87	*							
	6303	4A0	.03	.03	.03				99.91	*							
	6304	4E51	.03	.07	.03				99.87	*							
	6305	4A0	.03	.08	.04				99.85	*							

DRILL HOLE : FAGA077
NORTHING : 904,654.3
EASTING : 592,402.2
ELEVATION : 1,267.6
TOTAL DEPTH : 305.3
SECTION : W 64
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: 48
NOS DOWN-H-SURVEYS: 6
NOS DOWN-H-LITHOLOGY: 95
NOS DOWN-H-STRUCTURE: 70
NOS DOWN-H-FAULTS: 38
NOS DOWN-H-SPLINES: 6
NOS COMPOSITES: 0

21MAR34 GRUM

DOWN-HOLE SURVEYS (DHD20)

PAGE: 35

DDH: FAGA077 UTM-N: 904,654.3 UTM-E: 592,402.2 UTM-ELEV: 1,267.6 TOTAL DEPTH: 309.3 SECTION: W 64
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
52.400	177.000	69.500
104.200	173.000	78.800
165.200	169.000	72.500
226.200	169.000	71.600
287.100	167.000	72.900

DLH: FAGA077 UTM-N: 904,654.3 UTM-E: 592,402.2 UTM-ELEV: 1,267.6 TOTAL DEPTH: 305.3 SECTION: W 64
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
20.7	OC01	#			
21.2	OC02	50C		0.5-	1
21.9	OC03	5B0	(5C MOTT) MINOR	0.5-	1
23.6	OC04	5B20		0.5-	1
24.7	OC05	5C#	MOTT	0.5-	1
25.5	OC06	50C		0.5-	1
27.0	OC07	5C#		0.5-	1
28.0	OC08	5B20	1	0.5-	1
28.4	OC09	5B80		0.5-	1
29.1	OC10	5C#	MOTTLED	0.5-	1
29.9	OC11	5B20	1	0.5-	1
30.6	OC12	5C#	MOTTLED	0.5-	1
31.9	OC13	50C		0.5-	1
30.9	OC14	5B0		0.5-	1
38.0	OC15	5B20	(5D4*)	0.5-	1
40.5	OC16	5B23		0.5-	1
42.3	OC17	5D4*	(5B20)	0.5-	1
51.8	OC18	5B20	1	0.5-	1
59.1	OC19	5A31		0.5-	1
60.4	OC20	4LC	(5A) AT E.O.I.	0.5-	1
66.8	OC21	5A31		0.5-	1
67.1	OC22	5AC		0.5-	1
78.3	OC23	5B20	-> 5B26	0.5-	1
86.9	OC24	5A13		0.5-	1
88.1	OC25	5C4*	-> 5D4*	0.5-	1
90.1	OC26	5B*	(5B2) MINOR	0.5-	1
90.5	OC27	5D4*		0.5-	1
97.8	OC28	5B20		0.5-	1
103.6	OC29	5C#	(5C# MOTT) (5C4*) AT T.O.I.	0.5-	1
111.3	OC30	5B2*		0.5-	1
111.6	OC31	5B2	?	0.5-	1
115.1	OC32	5B20		0.5-	1
115.8	OC33	4LC		0.5-	1
116.7	OC34	5A16		0.5-	1
118.4	OC35	4DC	8a 88	0.5-	1
119.8	OC36	4EC	(4E6)	0.5-	1
120.1	OC37	4K4a		0.5-	1
121.6	OC38	4E42	[4E4 (4F0)]	0.5-	1
123.7	OC39	4E1a	BXA	0.5-	1
124.7	OC40	4AC		0.5-	1
125.3	OC41	5D84		0.5-	1
131.5	OC42	5B20	a (5D0) MINOR	0.5-	1
132.3	OC43	50C		0.5-	1
143.4	OC44	5B20	(5D0)	0.5-	1
143.9	OC45	5B8	?	0.5-	1
152.2	OC46	5E80		0.5-	1
153.0	OC47	5BC	?	0.5-	1
154.2	OC48	5B8		0.5-	1
158.6	OC49	5B2*	(5D0) 50:50	0.5-	1
159.0	OC50	4A1		0.5-	1
171.6	OC51	5AC	-> 5B2 LOCALLY	0.5-	1

DDH: FAGA077 UTM-N: 904,654.3 UTM-E: 592,402.2 UTM-ELEV: 1,267.6 TOTAL DEPTH: 305.3 SECTION: W 64
 RFE: S2 RFE DIR: 230 FLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
173.4	OC52	5AC	?	0.5-	1
174.5	OC53	5A6	-> 4A AT E.O.I.	0.5-	1
175.0	OC54	4DC	(4LG) [4G??]	0.5-	1
175.4	OC55	4L25	3 @	0.5-	1
175.7	OC56	4C8	(4E48) & BXA	0.5-	1
176.1	OC57	4AC		0.5-	1
176.6	OC58	4EC	84	0.5-	1
179.2	OC59	4L13	4	0.5-	1
179.7	OC60	4C6		0.5-	1
180.7	OC61	4L23	(5A1) 4L AFTER 4A?	0.5-	1
181.8	OC62	4E8	BXA	0.5-	1
182.3	OC63	4CA	BXA	0.5-	1
182.7	OC64	4AC		0.5-	1
185.6	OC65	4LC		0.5-	1
186.2	OC66	4AC		0.5-	1
187.2	OC67	4E1	88 (4C0)	0.5-	1
197.8	OC68	4L12	483 [4L (4C84) 60:40] [4LC]	0.5-	1
198.4	OC69	4AC		0.5-	1
204.7	OC70	4L14	283 [4CL] -> 4L2	0.5-	1
228.4	OC71	5A19	(4A4)	0.5-	1
237.3	OC72	5B26	88 -> 5A (5B269) AT E.O.I.	0.5-	1
237.5	OC73	4EC		0.5-	1
238.3	OC74	4A0		0.5-	1
238.7	OC75	4E1*	8 BXA	0.5-	1
239.1	OC76	4C43		0.5-	1
239.6	OC77	4C0	(4L0) (4A1)	0.5-	1
240.2	OC78	4LC		0.5-	1
241.5	OC79	4A1		0.5-	1
243.8	OC80	4E68	*	0.5-	1
246.4	OC81	4E8*	(4L0) 80:20	0.5-	1
248.3	OC82	4A0	(4E15) AT E.O.I.	0.5-	1
251.3	OC83	5A19	-> 4AC LOCALLY	0.5-	1
252.2	OC84	4A3		0.5-	1
252.8	OC85	4AC		0.5-	1
257.4	OC86	5AC		0.5-	1
258.0	OC87	5AC	?	0.5-	1
259.6	OC88	4E51		0.5-	1
261.2	OC89	4AC	(10QC) (4L0) (4A13)	0.5-	1
273.4	OC90	5AC	(5A19) MINOR	0.5-	1
273.7	OC91	5AC	?	0.5-	1
288.3	OC92	5A0	89 MINOR	0.5-	1
290.6	OC93	4LA	?	0.5-	1
295.0	OC94	4L1		0.5-	1
305.3	OC95	1CC8	BIO.ANDUL.STAUR.GARNET [3G8]	0.5-	1

DCH: FAGAC77 UTM-N: 904,654.3 UTM-E: 592,402.2 UTM-ELEV: 1,267.6 TOTAL DEPTH: 305.3 SECTION: W 64
 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	
FAGAC77	0.0	22.9	CS2	0	C	0	70	230	C	1	1	1
FAGAC77	0.0	26.3	CS2	0	C	0	75	230	C	1	1	1
FAGAC77	0.0	27.7	CS2	C	C	C	55	230	C	1	1	1
FAGAC77	0.0	32.0	CS2	0	0	0	52	230	C	1	1	1
FAGAC77	0.0	36.9	CS2	0	0	0	52	230	C	1	1	1
FAGAC77	0.0	37.3	CS2	C	0	C	54	230	C	1	1	1
FAGAC77	0.0	43.3	CS2	C	0	0	40	230	C	1	1	1
FAGAC77	0.0	47.2	CS2	0	0	0	74	230	C	1	1	1
FAGAC77	0.0	52.7	CS2	0	0	0	59	230	C	1	1	1
FAGAC77	0.0	57.3	CS2	0	0	0	50	230	C	1	1	1
FAGAC77	0.0	59.1	CS2	C	0	0	50	230	C	1	1	1
FAGAC77	0.0	61.0	CS2	C	C	0	34	230	C	1	1	1
FAGAC77	0.0	67.4	CS2	C	0	0	5	230	C	1	1	1
FAGAC77	0.0	67.8	CS2	C	0	0	52	230	C	1	1	1
FAGAC77	0.0	71.2	CS2	C	0	0	60	230	C	1	1	1
FAGAC77	0.0	75.3	CS2	0	0	0	66	230	C	1	1	1
FAGAC77	0.0	81.7	CS2	C	0	C	68	230	C	1	1	1
FAGAC77	0.0	86.7	CS2	0	0	0	55	230	C	1	1	1
FAGAC77	0.0	87.0	CS2	0	0	0	55	230	C	1	1	1
FAGAC77	0.0	93.3	CS2	C	0	C	60	230	C	1	1	1
FAGAC77	0.0	97.7	CS2	C	0	0	50	230	C	1	1	1
FAGAC77	0.0	99.1	CS2	0	0	0	50	230	C	1	1	1
FAGAC77	0.0	105.8	CS2	0	0	0	60	230	C	1	1	1
FAGAC77	0.0	110.9	CS2	0	0	0	65	230	C	1	1	1
FAGAC77	0.0	114.6	CS2	0	0	0	52	230	C	1	1	1
FAGAC77	0.0	121.0	CS2	C	0	C	50	230	C	1	1	1
FAGAC77	0.0	125.3	CS2	0	0	0	52	230	C	1	1	1
FAGAC77	0.0	129.5	CS2	0	0	0	50	230	C	1	1	1
FAGAC77	0.0	133.7	CS2	C	0	C	50	230	C	1	1	1
FAGAC77	0.0	139.9	CS2	0	0	0	61	230	C	1	1	1
FAGAC77	0.0	145.1	CS2	C	0	C	57	230	C	1	1	1
FAGAC77	0.0	150.5	CS2	0	0	0	55	230	C	1	1	1
FAGAC77	0.0	157.0	CS2	0	0	0	37	230	C	1	1	1
FAGAC77	0.0	158.9	CS2	0	0	0	48	230	C	1	1	1
FAGAC77	0.0	161.5	CS2	C	0	C	52	236	C	1	1	1
FAGAC77	0.0	166.4	CS2	0	0	0	45	230	C	1	1	1
FAGAC77	0.0	170.7	CS2	0	C	0	53	230	C	1	1	1
FAGAC77	0.0	175.4	PS2	0	0	0	45	230	C	1	1	1
FAGAC77	0.0	178.1	CS2	0	0	0	65	230	C	1	1	1
FAGAC77	0.0	179.5	CS2	C	C	C	65	230	C	1	1	1
FAGAC77	0.0	180.7	CS2	0	0	0	48	230	C	1	1	1
FAGAC77	0.0	184.4	CS2	0	C	0	55	230	C	1	1	1
FAGAC77	0.0	185.9	CS2	0	0	0	65	230	C	1	1	1
FAGAC77	0.0	188.4	PS2	0	0	0	65	230	C	1	1	1
FAGAC77	0.0	194.5	PS2	0	0	0	75	230	C	1	1	1
FAGAC77	0.0	203.0	CS2	0	0	0	68	230	C	1	1	1
FAGAC77	0.0	205.4	CS2	C	0	C	72	230	C	1	1	1
FAGAC77	0.0	212.4	CS2	0	0	0	65	230	C	1	1	1
FAGAC77	0.0	217.6	CS2	0	0	0	90	230	C	1	1	1
FAGAC77	0.0	221.9	CS2	0	0	0	75	230	C	1	1	1
FAGAC77	0.0	226.2	CS2	0	0	0	65	230	C	1	1	1

DDH: FAGA077 UTM-N: 904,654.3 UTM-E: 592,402.2 UTM-ELEV: 1,257.5 TOTAL DEPTH: 305.3 SECTION: W 64
 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	DFDC	SDC	PROCESS	
FAGAC77	0.0	230.7	CS2	0	0	60	230	C	1	1	1
FAGAC77	0.0	235.6	CS2	C	0	70	230	C	1	1	1
FAGAC77	0.0	237.5	CS2	0	0	65	230	C	1	1	1
FAGAC77	0.0	237.6	CS2	0	0	55	230	C	1	1	1
FAGAC77	0.0	239.1	CS2	C	0	55	230	C	1	1	1
FAGAC77	0.0	240.5	CS2	C	0	65	230	C	1	1	1
FAGAC77	0.0	248.4	CS2	0	0	75	230	C	1	1	1
FAGAC77	0.0	252.4	CS2	C	0	60	230	C	1	1	1
FAGAC77	0.0	253.1	CS2	0	0	5	230	C	1	1	1
FAGAC77	0.0	256.9	CS2	0	0	60	230	C	1	1	1
FAGAC77	0.0	264.6	CS2	C	C	65	230	C	1	1	1
FAGAC77	0.0	270.1	CS2	0	0	60	230	C	1	1	1
FAGAC77	0.0	276.1	CS2	0	0	65	230	C	1	1	1
FAGAC77	0.0	281.6	CS2	C	C	67	230	C	1	1	1
FAGAC77	0.0	288.3	CS2	0	C	70	230	C	1	1	1
FAGAC77	0.0	289.6	CS2	0	C	67	230	C	1	1	1
FAGAC77	0.0	292.6	CS2	0	0	58	230	C	1	1	1
FAGAC77	0.0	295.4	CS2	0	0	66	230	C	1	1	1
FAGAC77	0.0	304.2	CS2	0	C	74	230	C	1	1	1

DDH: FAGA077 UTM-N: 904,654.3 UTM-E: 592,402.2 UTM-ELEV: 1,267.6 TOTAL DEPTH: 305.3 SECTION: W 64
 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
FAGAC77	0.0	28.4	1F				0	0	4C 18C	0 0 1
FAGAC77	28.4	29.1	1G				0	0	C C	0 0 1
FAGAC77	0.0	29.4	G				0	0	C C	0 0 1
FAGAC77	0.0	29.8	G				0	0	C C	0 0 1
FAGAC77	29.8	30.6	2G				0	0	C C	0 0 1
FAGAC77	0.0	31.8	R				0	0	C C	0 0 1
FAGAC77	42.3	53.9	Q1X				0	0	C C	0 0 1
FAGAC77	0.0	53.9	1G				0	0	C C	0 0 1
FAGAC77	66.7	67.0	G				0	0	C C	0 0 1
FAGAC77	88.0	90.0	1G				0	0	C C	0 0 1
FAGAC77	90.0	90.5	XG				0	0	C C	0 0 1
FAGAC77	0.0	97.7	GP				0	0	C C	0 0 1
FAGAC77	100.1	100.5	G				0	0	C C	0 0 1
FAGAC77	109.1	111.2	RP	2			0	0	C C	0 0 1
FAGA077	111.2	111.5	G				0	0	C C	0 0 1
FAGA077	111.5	115.0	R1G				0	0	C C	0 0 1
FAGAC77	117.3	118.3	BR				0	0	C C	0 0 1
FAGAC77	118.3	118.4	X?				0	0	C C	0 0 1
FAGAC77	120.0	121.6	B				0	0	C C	0 0 1
FAGAC77	121.6	123.7	DB				0	0	C C	0 0 1
FAGAC77	123.7	124.6	GR				0	0	C C	0 0 1
FAGAC77	132.2	143.4	T				0	0	C C	0 0 1
FAGAC77	143.4	143.8	G				0	0	C C	0 0 1
FAGA077	143.8	152.2	1XQ				0	0	C C	0 0 1
FAGAC77	152.2	153.0	GRP	3			0	0	C C	0 0 1
FAGAC77	153.0	153.7	B				0	0	22 18C	0 0 1
FAGAC77	152.2	153.7	F?				0	0	0 C	0 0 1
FAGAC77	163.8	166.4	1F				0	0	44 7C	0 0 1
FAGAC77	171.6	173.4	GBP				0	0	C C	0 0 1
FAGAC77	173.4	174.4	B				0	0	C C	0 0 1
FAGAC77	175.5	175.7	XQ				0	0	C C	0 0 1
FAGAC77	180.7	182.3	X?				0	0	C C	0 0 1
FAGAC77	252.6	257.4	B				0	0	C C	0 0 1
FAGAC77	257.4	258.0	GB				0	0	C C	0 0 1
FAGAC77	258.0	261.2	3B				0	0	C C	0 0 1
FAGAC77	273.4	273.7	G				0	0	C C	0 0 1
FAGAC77	283.3	290.6	G				0	0	C C	0 0 1
FAGA077	290.6	295.0	XQ?				0	0	0 C	0 0 1

DDH: FAGA077 UTM-N: 904,654.3 UTM-E: 592,402.2 UTM-ELEV: 1,267.6 TOTAL DEPTH: 305.3 SECTION: W 64
 RFE: S2 RFE DIR: 230 FLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH SEGMENT NOS COND INDICATOR

FAGA077	1	2
FAGAC77	2	2
FAGAC77	3	2
FAGAC77	4	2
FAGAC77	5	2
FAGAC77	6	1

**THIS REPORT WAS REQUESTED BY: LEEP .GEOLOGY AT: 10:59:06

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: FAG-A077

Fabric Orientation Diagram:

Project: Grum Re-log

Location: Vangorda Plateau Section 64W

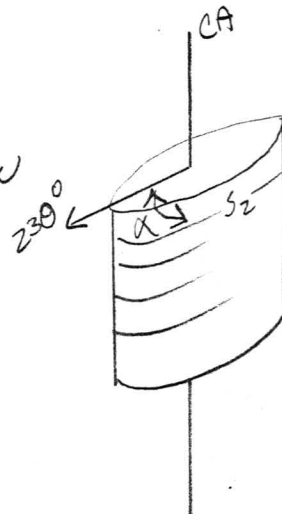
Claim: _____

Terr. Plane Co-ords.: 6904654.3 N

1979
This Orthophoto
Survey

592402.2 E

Grid Co-ords.: 64W/1+99 S



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

Elevation: 1267.6

Total Depth: 1001.5 ft (305.26m)

Purpose: _____

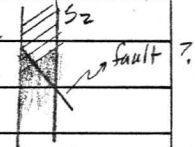
Re
Logged by: JSM

Date(s) Logged: 5/30/81 - 6/2/81

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

BQ 64 1001.5 ft

Started: 5/22/75 Completed: 5/29/75

Code	From		To		Recov.		No.		Unit		Description
	10	14	16	20	22	24	26	28	30	34	
L	00		1680					1			o/B triconed to 64'; 3ft of till w/ sm granite boulders, pebbles, dark calcareous matrix
L	1680		1695					2	5D10		massive green w/ siliceous (qtz-fspar) bands //S ₂ . lower etc sharp //S ₂
L	1695		720					3	5B10		mottled 5C @ TOI lower etc sharp //S ₂
L	720		775					4	5B2		CO ₃ veinlets, Fe sfd on s ₂ , gradational low etc
L	775		810					5	5C3		mottled, chlorite + CO ₃ . intruded by 1-3" thick bands of felsic intrusive, conformable lower etc //S ₂
L	810		837					6	5D10		massive green w/ cc. bands. lower etc broken
L	837		886					7	5C3		mottled, chlorite + CO ₃ . Note S ₂ (chlorite) which cuts S ₁ (?) mottles. This is unusual in mottled 5C. Minor felsic intrusive. lower etc sharp, competent, //S ₂
L	886		920					8	5B213		CO ₃ + SiO ₂ > C lower etc not preserved
L	920		932					9	5B86		lower etc possibly fault etc 
L	932		955					10	5C3		mottled, 10% gouge (//S ₂ , 1-2" thick) lower etc not preserved
L	955		980					11	5B216		highly siliceous, gouged in center of interval lower etc gouged
L	980		1005					12	5C3		mot? 75% gouge; 2" 5B2 @ E.O.I. faulted lower etc 50° to C.A.
L	1005		1045					13	5D10		massive green (5B8 @ center interval) lower etc rubble
L	1045		1210					14	5B10		
L	1210		1265					15	5B2		(5D4* w/ masiposite as minor interbeds) Possible fold nose @ T.O.I.
L	1265		1330					16	5B23		calcareous tension gash fillings (following S ₃ or S ₄ ?) lower etc //S ₂
L	1330		1388					17	5D4*		massive ankeritic w/ siliceous bands, (5B2 thin intbd). Fractured + CO ₃ veined @ E.O.I. lower etc //S ₂

Code	From		To		Recov.			No.		Unit	Description
	10	14	16	20	22	24	26	28	30	34	
51.8	L	11388	11700						118	5B21	variably calcareous, 5B0-5B2 gradational Abundant subvertical cc veining ^{lower etc} rubbly
59.1	L	11700	11940						119	5A31	thick cc veining (gash-fill) @ 177' Minor gouge. Silicified lower etc
60.4	L	11940	11980						120	440	(5B4* minor), Becomes intbdd w/ 5A lower etc // 52
66.8	L	11980	12190						121	5A31	variably siliceous OQO near EOI lower etc not preserved
57.1	L	12190	12200						122	5A0	gouge, possible subvertical shearing @ center or fold nose? or short limb?
78.7	L	12220	12570						123	5B2	variably calc → 5B26, 10% OQO, lower etc broken
86.7	L	1257	12850						124	5A1B3	lower etc broken
88.1	L	12850	12890						125	5C4*	mottled w/ marip → 5D4* massive
90.1	L	12890	12955						126	5B*	(5B2 minor) minor gouge (<5% ^o , 1-2" thick) lower etc gouged ankerite
90.5	L	12955	12970						127	5D4*	w/ marip. bixiated + gouged w/ siliceous pebbles (fault?) but fairly competent lower etc not recovered
97.8	L	12970	13208						128	5B2*	lower etc gouged. Poor rec'vy @ TOI ^{ankeritic}
103.6	L	13208	13400						129	5C3	(5C3 mot) silicified top, underlain by ~ 1ft 5C43 (mariposite). Very foliated metabasite alternating w/ 5C mot. (Succession of 3 flows w/ vesicular tops?) Minor spotty gouge esp. 328.5-330 lower etc broken
111.3	L	13400	13650						130	5B2*	358-365' broken 1ft recovered
111.6	L	13650	13660						131	5B2	? black gouge. Attitude unknown } fault?
115.1	L	13660	13775						132	5B21b	broken, bubbly, trace gouge lower etc broken
115.8	L	13775	13810						133	440	sfd's @ TOI lower etc broken by splitting
116.7	L	13800	13830						134	5A1b6	lower etc not rec'vd
118.4	L	13830	13885						135	440	minor sericite + ankerite (4D*?) PbZn in bands ± mgt (4D*8?) 385-388.2 broken bubbly core 388.2-388.5 well-healed sfd/siliceous bxia lower etc faulted?

Lithologic Log

Core	From				To				Recov.	No.	Unit	Description
	1	10	14	16	20	22	24	26				
119.8	L	13885	13930						136	4E10	(4E6) 80-90% Tot sfd. 1-2% PbZn minor cpy patches @ EOT lower dc missing	
120.1	L	13930	13940						137	4K4*	Banded (ankerite/py sp gn) rather than normal patchy 4K 6% PbZn lower dc lost	
121.6	L	13940	13990						138	4E4.2	PbZn + py zorphs concentr. in bands 10% PbZn? Broken core. Minor talc + CO ₃ ⁼ on fractures. 397-399' becoming 4A0	
123.7 ↑	L	3990	40160						139	4E11*	sfd bxia clasts of 4E, gtz, ank. Minor graphite. Most of interval is extremely broken. Lower dc not preserved	
124.7	L	40160	41090						140	4A10	Heavily gouged. Relict banding (black + Fe stained) indicates possibly 4A originally	
125.3	L	4090	41112						141	5D1*4	massive, spotty gouge near TOI lower dc sharp //sz ankeritic	
131.5	L	41112	41315						142	5B1*	* ^{ankerite} gives way to cc @ 424. Incipient white mica, minor 5D. Minor irregular gtz + CO ₃ ⁼ veining lower dc gradational	
132.3	L	4315	41340						143	5D10	massive green w/ cc bands	
143.4	L	4340	41705						144	5B8	strongly calc, (5D minor intbd) (minor OQO) pokerchip core	
143.9	L	4705	41720						145	5B8	? gouge + OQO	
152.24	L	4720	41995						146	5B8	strongly calc, stp CO ₃ ⁼ veining	
153.0	L	4995	50120						147	5B10	? 30% recvy gouge + rubble ? fault?	
154.2	L	50120	50160						148	5B8	highly fractured (minor slippage) to 504.5 lower dc //sz	
158.6	L	5060	52105						149	5B10	50:50 5B2* 5D mass. lam ↳ grades to 5A9 py @ EOT lower dc lost	
159.0	L	5205	5215						50	4A1	slightly fractured lower dc sharp + //sz	
171.6	L	5215	51630						51	5A0	variable Si, CO ₃ ⁼ , + C content, 5B2 locally.	
173.4	L	5630	51690						52	5A0	? gouge shearing broken core poor recovery (fault)	
174.5	L	5690	51724						53	5A6	broken; → 4A @ EOT lower dc lost	
√175	L	5724	51742						54	4D10	[4G?] possible barite (4L intbd) talcy	
175.4	L	5742	51755						55	4L25	5 CO ₃ ⁼ = ankerite lower dc // comp banding	
175.7	L	5755	51765						56	4D8	4E84 top half of unit; sfd/gtz crackle bxia w/ cc on fractures = bottom half.	
178.1	L	5765	51844						57	4A0	1-2% Tot sfd	

Code	From			To			Recov.			No.			Unit			Description
	1	10	14	16	20	22	24	26	28	30	34	35				
178.6	L	15844		15860						58	4E10				(thin band 4A4)	
179.2	L	15860		15880						59	4L134					
179.7	L	15880		15895						60	4D*				[4C4*] 25% PbZn ank+qtz in gangue	
180.7	L	15895		15930						61	4L23A?				catchall; bands of massive py w/ 4L partings (5A1 intbd)	
181.3	L	15930		15965						62	4E181				bixiated + vuggy @ TOI + center	
182.3	L	15965		15982						63	4CA1				FAULT?	
182.7	L	15982		15995						64	4A10				pervasive S ₂	
185.6	L	15995		16089						65	4L10					
186.2	L	16089		16109						66	4A10					
187.2	L	16109		16142						67	4E11				texture ~ nodular (spotty qtz) (4C0 locally) mgt @ EOI	
197.8	L	16142		16490						68	4L14				283 borderline! 4C-4L [4C0] 60:40 4L:4C84 small 4G intbd @ 617' minor talc + mgt	
198.4	L	16490		16510						69	4A10					
204.7	L	16510		16717						70	4L114				283 → 4L2 @ EOI lower etc lost	
228.4	L	16717		17493						71	5A119				minor dissem py + py blebs; 2 small intbds of 4A4 locally calc lower etc gradational	
237.3	L	17493		17785						72	5B26				locally dolomitic, locally → 5A minor sfd 5B269 @ EOI lower etc not preserved but it might have been // S ₂	
237.5	L	17785		17792						73	4E10					
238.3	L	17792		17818						74	4A10				lower etc // S ₂	
238.6	L	17818		17830						75	4E11*				large clasts of Si, ank, 4L; lower etc gradational	
239	L	17830		17843						76	4G48				~5% BaSO ₄ ; both honey + orange sp well banded, mgt follows banding, lower etc sharp + // S ₂	
239.6	L	17843		17860						77	4C0				(4L0) (4A1) lower etc // banding	
240.2	L	17860		17880						78	4L0					
241.5	L	17880		17923						79	4A11				~30% graphite 20% Tot sfd 50% qtz (4L, 4C @ EOI) lower etc // banding	
243.8	L	17923		18000						80	4E68				gangue = BaSO ₄ , qtz, CO ₂ (5-10% gangue) banded. Some vug-lined fractures Possible fold nose 795' defined by mgt bands	
246.4	L	18000		18085						81	4E81				20% 4L0 intbds. Minor CO ₂ gangue	

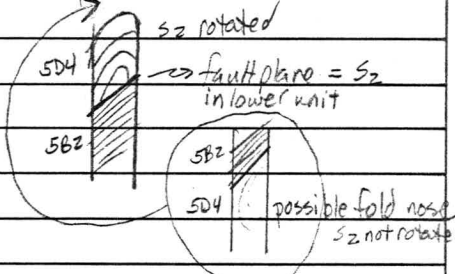
Lithologic Log

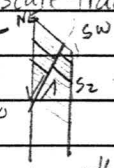
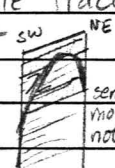
Date: _____

Logged By: JSM

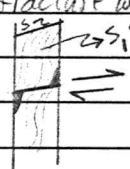
Code	From		To		Recov.			No.		Unit	Description
	10	14	16	20	22	24	26	28	30		
L	180185		181145						182	4A10	4E15 @ footwall
L	181145		182145						183	5A19	locally 4A0
L	182145		18275						184	4A13	75% py, 20%qtz 5%graph
↑ L	18275		18295						185	4A10	
L	18295		18445						186	5A0	S ₂ becomes subvertical @ TOT then gradually flattens. Fold nose? shear? short limb, Core highly broken
L	18445		18465						187	5A10	? gouge + broken core
↓ L	18465		18517						188	4E51	highly broken
↑ L	18517		18570						189	4A10	broken core (0A0) (4L0) (4A13@EOT)
L	18570		18970						190	5A10	(5A19 minor) variably calc
L	18970		18981						191	5A10	? gouge
L	18981		19460						192	5A10	variably calc trace sfs
L	19460		19535						193	4L4	? gouge color + preserved indicates that this was 4L/5A intbed
L	19535		19680						194	4L1	fractured, biotated, Fe stained
L	19680		19915						195	3G18	biot, musc, chlor, andal, staur, (garnet) schist
										EQH	

Structural Log

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	
S				750			C ₁ S ₁ Z						70	230	
S				880			C ₁ S ₁ Z						75	230	in metabasite S ₁ 45°/230°
S				910			C ₁ S ₁ Z						55	230	Dip Direction
				1050			C ₁ S ₁ Z						52	230	faulted etc 50°/40° NE @ 100.5'
S				1210			C ₁ S ₁ Z						52	230	@ 121.0' post-S ₂ faulted etc?
															
															504 interbed @ Top of 5B2 interval
S				1225			C ₁ S ₁ Z						54	230	@ 138' stp. irreg veining 20° to C.A.
S				1420			C ₁ S ₁ Z						40	230	@ 142' stp irreg veining 10° to C.A. no consistent direction
S				1550			C ₁ S ₁ Z						74	230	@ 155' veining 43° to C.A.
S				1730			C ₁ S ₁ Z						59	230	
S				1880			C ₁ S ₁ Z						50	230	
S				1940			C ₁ S ₁ Z						50	230	etc
S				2000			C ₁ S ₁ Z						34	230	~ same as etc @ 198'
S				2210			C ₁ S ₁ Z						05	230	nearly vertical undulating S ₂ foliation preserved in gneiss unit. F ₂ short limb? shearing foliation?
S				2225			C ₁ S ₁ Z						52	230	
S				2335			C ₁ S ₁ Z						60	230	
S				2470			C ₁ S ₁ Z						66	230	
S				2680			C ₁ S ₁ Z						68	230	
S				2845			C ₁ S ₁ Z						55	230	
S				2855			C ₁ S ₁ Z						55	230	foliation defined by mottles. 45-65° dip, 55-95° direction = attitude of minor slippage faults @ 290°

Core	From		To		Feature	S ₀ Dip Direct.	S ₁ Dip Direct.	S ₂ Dip Direct.	Description
	10	14	16	20					
									295.5-297.0' possible fault (bxia) no measurements possible
S			301.60		C512			610 230	
S			321.05		C512			50 230	
S			321.50		C512			50 230	mottled
									spotty gouge esp 328.5-330'
S			341.70		C512			610 230	
S			361.40		C512			615 230	
									365-377.5 probable fault. gouge to 366 then broken rubbly ore. No measurements possible
S			371.60		C512			52 230	→ comp banding in stds, @40' bxia in stds
S			391.70		C512			50 230	406-409' gouge, no attitudes
S			411.10		C512			52 230	5D, is this S ₁ ?
S			421.50		C512			50 230	
S			431.85		C512			50 230	
S			451.90		C512			612 230	470.5-472 gouge, no att.
S			471.60		C512			57 230	
S			491.37		C512			55 230	
									@503' small scale fracture w/ slight offset  S ₂ 45°/230° Fault 22°/60°
S			511.50		C512			37 230	@504' bxia, no attitudes 5D, S ₁ ?
S			521.2		C512			482 230	lith etc // S ₂
S			531.00		C512			512 230	
									@537.5 small scale fracture w/ slight offset  S ₂ 50°/230° Fault 44°/300° sense of movement is not for sure
									fractures w/ similar dip, variable dip direction continue to ~546'

Structural Log

Code	From				To				Feature	S ₂	S ₀		S ₁		S ₂		Description
	10	14	16	20	22	24	26	28			Dip	Direct.	Dip	Direct.	Dip	Direct.	
S				154.60					CSZ						45	230	
S				156.00					CSZ						53	230	
S				157.55					PSZ						45	230	comp banding (or s ₂ ?) in sfd
S				158.44					CSZ						65	230	comp banding (s ₂ ?) in sfd + etc
S				158.90					CSZ						65	230	"
S				159.30					CSZ						4.8	230	"
S																	596.5 - 598.2 bvia + vuggy no attitudes
S				160.50					CSZ						55	230	s ₂ in 4A
S				161.00					CSZ						61.5	230	ribbon bands (s ₂ ?) in 4A
S				161.80					PSZ						65	230	comp banding (s ₂ ?) in sfd
S				163.80					PSZ						75	230	comp banding (s ₂ ?) in sfd
S				166.60					CSZ						61.8	230	
S				167.40					CSZ						72	230	
S				169.70					CSZ						61.5	230	
S				171.40					CSZ						90	230	
S				172.80					CSZ						7.5	230	
																	@ 729.5' ^{low angle} small scale fracture w/ offset 
																	S ₂ 55°/230° Fault 62°/230° S ₁ 25°/230°
S				174.20					CSZ						61.5	230	
S				175.70					CSZ						60	230	fracture @ 45° to C.A./230°
S				177.30					CSZ						70	230	
S				177.92					CSZ						6.5	230	lith etc // comp banding?
S				177.94					CSZ						55	230	ribbon bands s ₂ in 4A
S				178.43					CSZ						55	230	lith etc // comp banding
S				178.90					CSZ						6.5	230	s ₂ in 4A
																	@ ~ 795' possible fold nose defined by mgf bands
S				181.50					CSZ						7.5	230	
S				182.80					CSZ						60	230	
S				183.05					CSZ						61.5	230	fold nose? shear? short limb?
S				184.30					CSZ						60	230	

Gauge + broken core (see lith logs)
no attitudes
C.A.M.C. 1981 - E - 4

DDH FA 4 A 0 7 7
2 8

Cyprus Anvil Mining Corp.

Page 11 of 13

Structural Log

Date: _____ Logged By: JSM

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
S				181680	C.S.Z							65	230	
S				181860	C.S.Z							610	2310	
														897-898.2 gouge, no attitudes
S				1910160	C.S.Z							65	230	
S				191240	C.S.Z							67	230	
S				1914160	C.S.Z							70	230	
														gouge no attitudes
S				1915100	C.S.Z							67	230	S ₂ w/in gouge unit
S				191600	C.S.Z			25	090	58		58	2310	bxia unit, some foliation preserved. fractures run thru @ all angles
S				191690	C.S.Z							616	2310	
S				191980	C.S.Z							74	2310	

ASSAY LOG (SAMPLER'S COPY)

Date 6/3/81

Sampled by AM

CODE	FROM Feet TO				SAMPLE	Feet INTR.				REG. Fee (\$)	UNIT	DESCRIPTION	
	10	14	16	20		22	26	28	30				32
A	1377	5	1380	0	16259		125		125		4L101		
	1380	0	1383	0									
A	1383	0	1388	5	16260		155		142		4D101		
A	1388	5	1393	0	16261		155		157		4E101	(4E6)	
A	1393	0	1394	0	16262		110		110		4K141X		
A	1394	0	1399	0	16263		150		156		4E142		
A	1399	0	1406	0	16264		170		171		4E11X		
A	1572	4	1574	2	16265		118		119		4D101	[49] (4L)	
A	1574	2	1575	5	16266		113		110		4L253		
A	1575	5	1576	5	16267		110		110		4D181	4E84 / sfl-gtz-bxica	
A	1576	5	1582	0	16268		155		141		4A101		
A	1582	0	1584	4	16269		124		136		4A101		
A	1584	4	1586	0	16270		116		113		4E101		
A	1586	0	1588	0	16271		120		120		4L113	4	
A	1588	0	1589	5	16272		115		116		4D1X		
A	1589	5	1593	0	16273		135		138		4L23	A	
A	1593	0	1596	5	16274		135		131		4E81		
A	1596	5	1598	2	16275		117		114		4C1A1		
A	1598	2	1599	5	16276		113		113		4A101		
A	1599	5	1604	0	16277		145		165		4L101		
A	1604	0	1608	9	16278		149		157		4L101		
A	1608	9	1611	0	16279		120		126		4A101		
A	1611	0	1614	2	16280		133		135		4E11	(4C0)	
A	1614	2	1620	5	16281		163				4L14	283 [4LC]	} spilled + divided into 3 sample bags
A	1620	5	1627	0	16282		165						
A	1627	0	1632	0	16283		150						
A	1632	0	1639	0	16284		170		175				
A	1639	0	1649	0	16285		110		102				
A	1649	0	1651	0	16286		120		122		4A101		
A	1651	0	1655	5	16287		145		166		4L114	283	} same
A	1655	5	1663	0	16288		175		175				
A	1663	0	1667	5	16289		145		146				
A	1667	5	1671	7	16290		142		141				
A	1778	5	1779	2	16291		107		113		4E101		
A	1779	2	1781	8	16292		126		125		4A101		
A	1781	8	1783	0	16293		112		116		4E11X	8	

CODE	FROM		TO		SAMPLE	INTR.				REC (m)	UNIT	DESCRIPTION	
	10	14	16	20		22	26	28	30				32
A	7830		7843		6294		113		114		4G48		
A	7843		7860		6295		117		116		4C01	(4L0)(4A1)	
A	7860		7880		6296		120		120		4L01		
A	7880		7923		6297		143		150		4A11		
A	7923		8010		6298		177		143		4E68		
A	8010		8040		6299		140		136		4E8		
A	8040		8085		6300		145		145		4E8		
A	8085		8145		6301		160		156		4A01		
A	8245		8275		6302		130		129		4A13		
A	8275		8295		6303		120		130		4A01		
A	8465		8517		6304		152		136		4E51		
A	8517		8570		6305		153				4A01		
A	8145		8245		6360				176		5A19	(4A0)	

Structural Log

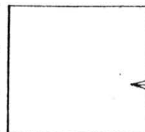
Code	From		To		Feature	S/E	S ₀		S ₁		S ₂		Description
	10	14	16	20			Dip	Direct.	Dip	Direct.	Dip	Direct.	
	1	2	3	4	5	6	7	8	9	10	11	12	
F			932		IF				40	18.0			
F		932		955	IG								
F				967	G								
F				980	G								
F		980		1005	2G								50° to CA at FOI
F				1045	SR								
F		1388		1770	01X								steep
F				1770	IG								
F		219		2200	G								steep S ₂ in Gorge
F		289		2955	IG								
F		2955		2970	XG								
F				3208	GP								
F		3285		3300	G								
F		3580		3650	RA 2								
F		3650		3660	G								
F		3660		3775	RI G								
F		385		3882	BR								
F		3882		3885	X.P.								
F		3940		3990	B								
F		3990		4060	DR								
F		4060		409	GR								
F		4340		4705	T								
F		4705		4720	G								
F		4720		4995	1XP								steep
F		4995		5020	GRP 3								
F		5020		5045	B				22	18.0			
F		4995		5045	F.P.								
F		563		569	GBP								
F		569		5724	B								
F		57160		57165	XP								
F		5930		5982	X.P.								
F		829		8445	B								
F		8445		8465	GB								
F		8465		8570	3B								
F		897		8981	IG								
F		9416		9535	G								
F		9535		9680	XP?								
F		5375		5460	IF								

44 070

DIAMOND DRILL RECORD

LOGGED BY F. Chow

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



D.D.H. No. 75-A77 PAGE 10 of 15



CLAIM No. _____

DIRECTION AND DISTANCE FROM _____

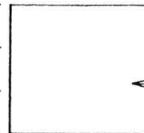
NE. CLAIM POST _____

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		
609.2	671.6	QUARTZ - SERICITE PHYLITE WITH SULPHIDES Bleached buff. 50% quartz-feldspar, 1-50% pyrite, 0-10% lead-zinc, 0.05% magnetite - scattered. Zone generally quartzy though readily parts along sericitic foliation. Moderate shearing and moderate fracturing. Mineralization dissem. in F2 bands.	4.4	2201	185.7	615.0	5.8	.63	.21	.41							
		609.2-611.2' -- quartz-sericite-graphite, 2% pyrite, 0.05% lead-zinc.	4.2	2203		627.5	5.5	2.08	2.52	.74				15.26	18.90	5.60	
		-614' -- massive and near massive fine grained pyrite and quartz. No lead-zinc.															
		-640' -- near uniform mineralization, some barren sericitic bands. Av. 25% pyrite, 8-10% lead-zinc.	3.6	2204		632.0	4.5	1.28	1.16	.44				5.76	3.22	1.98	
		Minor magnetite occurring as bands or blebs and scattered.	6.9	2205		640.0	8.0	3.00	2.64	.88				24.00	21.12	7.04	
		-645' -- more sericitic, minor shear with breccia, 13% pyrite, 7% lead-zinc.	4.4	2206		645.0	5.0	1.68	1.30	.56				8.40	6.50	2.80	
		-650.9' -- quartz-sericite + quartz-sericite-graphite bands; 5% pyrite, 4.5% lead-zinc, moderate shearing.															
		-663.0' -- alternating rich and lower grade sulphides, latter very sericitic and often talcy. Much fracturing and moderate brecciation	4.9	2207		650.9	5.9	1.38	1.18	.47				8.142	6.912	2.773	
		recemented; 25% pyrite, 9% lead-zinc, 0.3% magnetite @ 651'-654'. Lead-zinc finely dissem. within bands.	4.5	2208		655.5	4.6	2.70	2.46	.91				12.42	11.316	4.186	
		-671.5' -- similar to 650.9-663' except more talcy sericitic bands with low grade lead-zinc. Av. 12% pyrite, 6% lead-zinc, 0.3% magnetite @ 669-669.8'	7.0	2209		663.0	7.5	2.38	2.28	.88				17.85	17.10	6.60	
			7.8	2210		672.0	9.0 9.7	1.73	1.36	.59		3.09					
		Core Angle: 75° to 614-626', 70° @ 627', 60° @ 628', 75° @ 630-671' with a few 5-15° changes immediately adjacent to shears.			187.4	702.1	14.7										
					<u>Nr. Av.</u>	615.0	663.0	48.0	2.15	2.10	0.73	(25)	4.25	103.292	100.978	35.049	
					<u>Nr. Av.</u>	646.0 145.1	650.9	10.9 3.3	1.52	1.24	0.51	(17.5)	2.76	16.592	13.442	5.523	

DIAMOND DRILL RECORD

 LOGGED BY F. Chow

 D.D.H. No. 75-A77 PAGE 11 of 15

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

 CLAIM No. _____
 DIRECTION AND DISTANCE FROM _____
 NE. CLAIM POST _____

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
671.6	746.0	QUARTZ - GRAPHITE PHYLLITE 45-50% quartz-feldspar, 0.5% pyrite dissem in quartzose bands or laminae, also occur as discontinuous streaks along F2 foliation, minor amounts in Fl. Phyllite thinly laminated, sometimes as wider banding. 687-687.4' and 688-688.4' -- bands of quartz-sulphide + 55% pyrite, 13% lead-zinc, also pyrrhotite. Phyllite moderately fissile. 689-740' -- a few small shears, many slips, crumpled or contorted banding locally. Core Angles: 70-75° to 727', 40° @ 730-1, 70° @ 732', 75° @ 733-746'.	15.5/ 17 1.6/9		672.0	689.0									
			11/12			710.0									
			0.6/2		710.0	712.0									
			14/14			726.0									
			14/14			740.0									
			4.5/6			746.0									
746.0	778.5	QUARTZ - SERICITE - GRAPHITE PHYLLITE Light to medium gray. 35-40% quartz-feldspar, 1-5% graphite. Thin quartzose banding with fine foliations of sericite-graphite. Moderately fissile. Odd stringers pyrite. Many slips with considerable movement @ 773-782'. Core Angles: 75° @ 747', 60° @ 749-759', 70° @ 754-764', 75° @ 765-775', 55° @ 776', 45-40° @ 778'.	325 / 325		746.0	778.5									
778.5	814.0	QUARTZ - SULPHIDES + MASSIVE SULPHIDES, WITH INTERMITTENT SECTIONS OF SERICITIC AND/OR GRAPHITE PHYLLITE 778.5-779.6' -- massive pyrite (75-80%), slips parallel core, part sulphide breccia in quartz-sulphide matrix.	2.8	1807	778.5	781.6	3.1	.37	.63	.18		1.00			
			4.4	1808		786.4	4.8	3.15	2.28	1.21			15.12	10.944	5.808

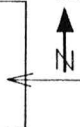
DIAMOND DRILL RECORD

LOGGED BY F. Chow

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

D.D.H. No. 75-A77 PAGE 13 of 15

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		
814.0	824.5	QUARTZ - GRAPHITE PHYLLITE WITH SULPHIDES 60% quartz-feldspar, thin graphitic foliations with 1/2" graphitic quartzose bands. Fl well developed, sub-vent to F2. 1-3% pyrite dissem in quartzose bands, odd spot of lead-zinc-copper. Moderately fissile. Non-competent rock. Core Angle: 75° throughout.	4/4.5		814.0	818.5											
			4.5/6			824.5											
824.5	827.6	QUARTZ - SULPHIDE WITH GRAPHITE Siliceous rock containing banded and kinky broken bands of pyrite with minor (2%) graphitic threads. No lead-zinc noted. 55% pyrite. Core Angle: 60-70° undulating.	2.7/3.1		824.5	827.6		Estimate nil									
827.6	847.5	QUARTZ - GRAPHITE PHYLLITE As 814-824.5' but sheared, fractured and broken. Highly fissile Core Angles: 60° @ 830', 50° @ 830-831', 30-40° @ 832-835', 40-45° @ 835-844'.	3.3/3.9		827.6	831.5											
			2/4.5			836.0											
			4.5/11.5			847.5											
847.5	852.0	QUARTZ - SULPHIDE WITH GRAPHITE Similar to 814-824.5' but highly fractured and broken. 60 % pyrite. Possible spots of lead-zinc.			258.3		1.4										
				1831	847.5	852.0	4.5	0.08	0.03	0.03			0.11				

DDH: FAGA077 -- 42 DEGREE PROFILE

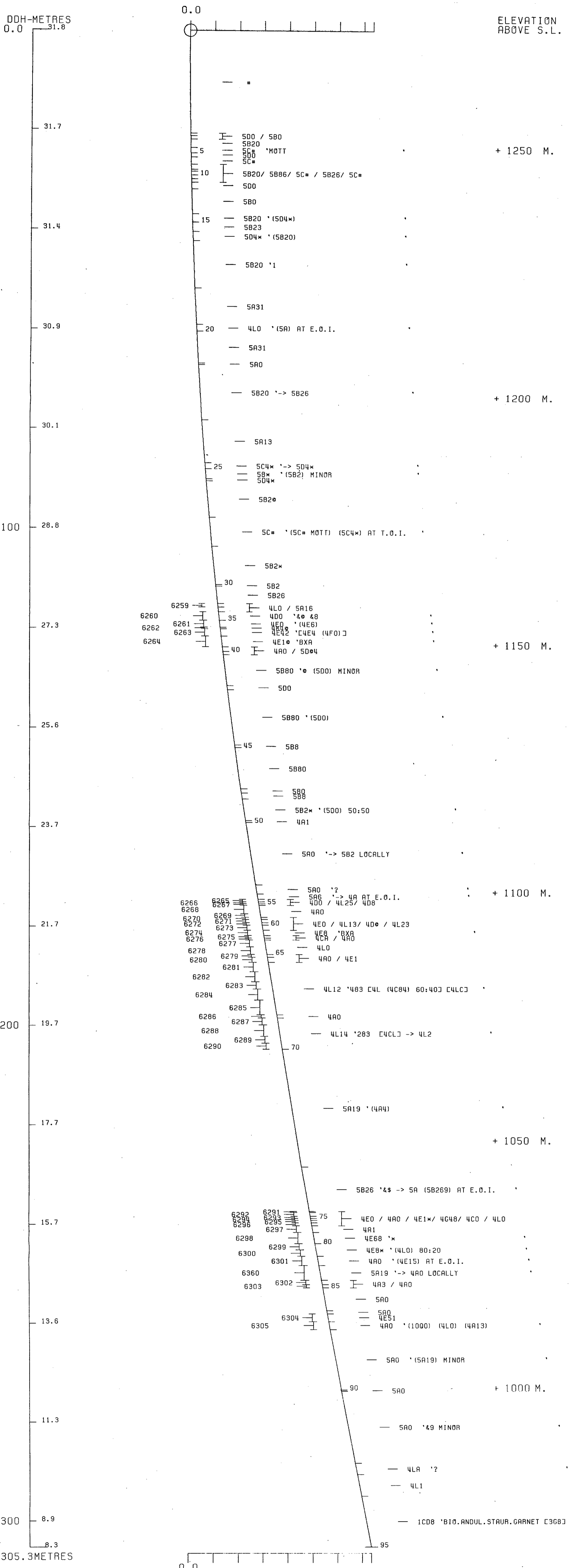
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1268 592402E ; 904654N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 314.4 Z = 1273.8

SECTION NAME: 63W



DDH: FAGA077 -- 42 DEGREE PROFILE

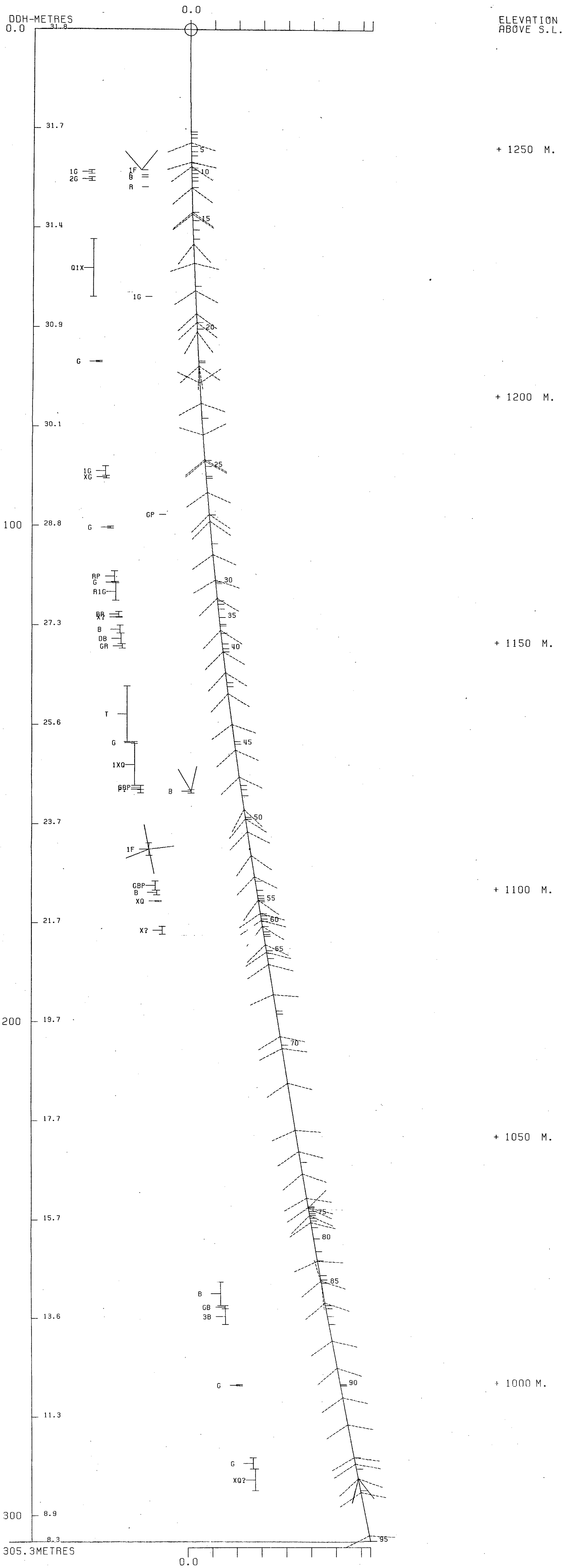
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1268 592402E ; 904654N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 314.4 Z = 1273.8

SECTION NAME: 63W



FAGA 152



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															
FAGA152	5359	93.3	94.8	1.5	93	4A3	2.85	.05	.13	.37	5.0	2.19				.50		.74
	5360	94.8	96.3	1.5	87	4A3	2.81	.06	.17	.22	7.0	.21				.39		.56
	5361	96.3	97.8	1.5	100	4A3	2.81	.05	.12	.15	6.0	.34				.27		.56
	5362	97.8	99.3	1.5	93	4A3	2.59	.15	.07	.18	7.0	.48				.25		.72
	5363	99.3	100.8	1.5	100	4A3	3.08	.14	.10	.34	7.0	.21				.44		.77
	5364	100.8	101.8	1.0	100	4A3	2.90	.15	.05	.10	6.0	.21				.15		.67
	5365	104.3	106.3	2.0	70	4A3	2.98	.16	.07	.21	5.0	.41				.28		.75
	5366	106.3	108.3	2.0		4A3	2.87					.48						
	5367	108.3	110.3	2.0	100	4A3	2.87	.07	.01	.15	3.0	.27				.16		.94
	5368	110.3	112.3	2.0	100	4A3	2.82	.11	.01	.18	3.0	.27				.19		.95
	5369	112.3	114.3	2.0	85	4A3	3.06	.13	.03	.55	5.0	.27				.58		.95
	5370	114.3	116.3	2.0	80	4A3	2.90	.13	.02	.36	5.0	.21				.38		.95
	5371	116.3	118.3	2.0	100	4A3	2.93	.07	.02	.38	3.0	.21				.40		.95
	5372	118.3	120.3	2.0	100	4A3	2.89	.07	.01	.20	2.0	.21				.21		.95
	5373	120.3	122.3	2.0	100	4A3	2.82	.16	.01	.51	5.0	.34				.52		.98
	5374	122.3	124.3	2.0	95	4A3	2.85	.23	.01	.38	6.0	.34				.39		.97
	5375	124.3	126.3	2.0	95	4A3	2.88	.18	.01	.68	5.0	.41				.69		.99
	5376	126.3	128.3	2.0	100	4A3	2.91	.17	.01	.32	3.0	.21				.33		.97
	5377	128.3	130.3	2.0	50	4A3	2.82	.16	.02	.19	4.0	.27				.21		.90
	5378	130.3	132.0	1.7	100	4A3	2.88	.10	.01	.25	4.0	3.02				.26		.96
	5379	136.2	138.2	2.0	100	4A3	2.83	.15	.01	.19	4.0	.27				.20		.95
	5380	138.2	140.2	2.0	90	4A3	2.90	.25	.01	.21	4.0	.34				.22		.95
	5381	140.2	142.2	2.0	100	4A3	2.75	.15	.01	.09	2.0	.21				.10		.90
	5382	142.2	144.2	2.0	85	4A3	2.80	.13	.01	.04	3.0	.21				.05		.80
	5383	144.5	146.7	2.2	91	4A3	2.96	.12	.48	.77	10.0	.62	1.68	10.00		1.25	11.68	.62
	5384	146.7	148.4	1.7	88	4D0	3.89	.23	1.70	3.32	29.0	1.23	1.89	27.90		5.02	29.79	.66
	5385	148.4	150.9	2.5	92	4A0	2.88	.10	1.72	2.95	26.0	.48	1.84	6.90		4.67	8.74	.63
	5386	175.3	177.3	2.0	95	4L1	3.08	.11	1.18	.91	12.0	.27	9.50	4.44		2.09	13.94	.44
	5387	177.3	179.0	1.7	82	4L1	3.09	.08	2.45	1.88	23.0	.14	8.68	2.74		4.33	11.42	.43
	5388	179.0	180.3	1.3	85	4L7	3.29	.15	2.26	3.10	25.0	.55	5.91	13.00		5.36	18.91	.58
	5389	185.3	186.8	1.5	100	4A3	2.72	.03	.58	.88	9.0	.14				1.46		.60
	5390	186.8	188.1	1.3	77	4A3	2.77	.06	.64	.94	11.0	.21				1.58		.59
	5391	200.6	202.6	2.0	80	4EC8	3.98	.37	1.53	1.35	23.0	1.23	4.01	27.80		2.88	31.81	.47
	5392	202.6	204.6	2.0	100	4C8	3.80	.36	.78	.95	18.0	.69	3.50	26.00		1.73	29.50	.55
	5393	204.6	206.0	1.4	93	4GD4	3.76	.13	4.78	5.55	69.0	1.30	4.17	13.40		10.33	17.57	.54

DDH	SAMPLE	ROCK UNIT	NORMATIVE MINERALS - WEIGHT %							*	NORMATIVE MINERALS - VOLUME %								
			CPY	GA	SP	PO	PY	BAR	OTHER		CPY	GA	SP	PO	PY	BAR	OTHER		
FAGA152	5359	4A3	.14	.15	.55					99.15	*								
	5360	4A3	.17	.20	.33					99.30	*								
	5361	4A3	.14	.14	.22					99.49	*								
	5362	4A3	.43	.08	.27					99.22	*								
	5363	4A3	.40	.12	.51					98.97	*								
	5364	4A3	.43	.06	.15					99.36	*								
	5365	4A3	.46	.08	.31					99.14	*								
	5366	4A3								#####	*								
	5367	4A3	.20	.01	.22					99.56	*								
	5368	4A3	.32	.01	.27					99.40	*								
	5369	4A3	.38	.03	.82					98.77	*								
	5370	4A3	.38	.02	.54					99.06	*								
	5371	4A3	.20	.02	.57					99.21	*								
	5372	4A3	.20	.01	.30					99.49	*								
	5373	4A3	.46	.01	.76					98.77	*								
	5374	4A3	.66	.01	.57					98.76	*								
	5375	4A3	.52	.01	1.01					98.45	*								
	5376	4A3	.49	.01	.48					99.02	*								
	5377	4A3	.46	.02	.28					99.23	*								
	5378	4A3	.29	.01	.37					99.33	*								
	5379	4A3	.43	.01	.28					99.27	*								
	5380	4A3	.72	.01	.31					98.95	*								
	5381	4A3	.43	.01	.13					99.42	*								
	5382	4A3	.38	.01	.06					99.55	*								
	5383	4A3	.35	.55	1.15	2.64	21.51			73.80	*	.26	.23	.89	1.79	13.38			83.46
	5384	4D0	.66	1.96	4.95	2.97	60.00			29.45	*	.63	1.05	4.95	2.58	47.97			42.82
	5385	4A0	.29	1.99	4.40	2.89	14.84			75.59	*	.21	.81	3.38	1.93	9.13			84.53
	5386	4L1	.32	1.36	1.36	14.94	9.55			72.47	*	.24	.57	1.06	10.12	5.95			82.08
	5387	4L1	.23	2.83	2.80	13.65	5.89			74.59	*	.17	1.16	2.16	9.16	3.64			83.71
	5388	4L7	.43	2.61	4.62	9.29	27.96			55.08	*	.35	1.19	3.95	6.91	19.12			68.48
	5389	4A3	.09	.67	1.31					97.93	*								
	5390	4A3	.17	.74	1.40					97.69	*								
	5391	4EC8	1.07	1.77	2.01	6.31	59.78			29.06	*	1.02	.95	2.02	5.51	48.04			42.46
	5392	4C8	1.04	.90	1.42	5.50	55.91			35.23	*	.96	.46	1.37	4.62	43.16			49.44
	5393	4GD4	.38	5.52	8.27	6.56	28.82			50.46	*	.31	2.59	7.28	5.01	20.27			64.53

DRILL HOLE : FAGA152
NORTHING : 904,765.0
EASTING : 592,505.2
ELEVATION : 1,277.3
TOTAL DEPTH : 209.2
SECTION : W 64
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: 35
NOS DOWN-H-SURVEYS: 3
NOS DOWN-H-LITHOLOGY: 48
NOS DOWN-H-STRUCTURE: 58
NOS DOWN-H-FAULTS: 25
NOS DOWN-H-SPLINES: 3
NOS COMPOSITES: 0

DDH: FAGA152 UTM-N: 904,765.0 UTM-E: 592,505.2 UTM-ELEV: 1,277.3 TOTAL DEPTH: 209.2 SECTION: W 64
 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 %	TOT FE	BAO %	HG %	MN %	AS %
93.3	94.8	05359	1.5	1.4	4A3	2.85	.05	.13	.37	5.00				2.19					
94.8	96.3	05360	1.5	1.3	4A3	2.81	.06	.17	.22	7.00				.21					
96.3	97.8	05361	1.5	1.5	4A3	2.81	.05	.12	.15	6.00				.34					
97.8	99.3	05362	1.5	1.4	4A3	2.99	.15	.07	.18	7.00				.48					
99.3	100.8	05363	1.5	1.5	4A3	3.08	.14	.10	.34	7.00				.21					
100.8	101.8	05364	1.0	1.0	4A3	2.90	.15	.05	.10	6.00				.21					
104.3	106.3	05365	2.0	1.4	4A3	2.98	.16	.07	.21	5.00				.41					
106.3	108.3	05366	2.0	.0	4A3	2.87								.48					
108.3	110.3	05367	2.0	2.0	4A3	2.87	.07	.01	.15	3.00				.27					
110.3	112.3	05368	2.0	2.0	4A3	2.82	.11	.01	.18	3.00				.27					
112.3	114.3	05369	2.0	1.7	4A3	3.06	.13	.03	.55	5.00				.27					
114.3	116.3	05370	2.0	1.6	4A3	2.90	.13	.02	.36	5.00				.21					
116.3	118.3	05371	2.0	2.0	4A3	2.93	.07	.02	.38	3.00				.21					
118.3	120.3	05372	2.0	2.0	4A3	2.89	.07	.01	.20	2.00				.21					
120.3	122.3	05373	2.0	2.0	4A3	2.82	.16	.01	.51	5.00				.34					
122.3	124.3	05374	2.0	1.9	4A3	2.85	.23	.01	.38	6.00				.34					
124.3	126.3	05375	2.0	1.9	4A3	2.88	.18	.01	.68	5.00				.41					
126.3	128.3	05376	2.0	2.0	4A3	2.91	.17	.01	.32	3.00				.21					
128.3	130.3	05377	2.0	1.0	4A3	2.82	.16	.02	.19	4.00				.27					
130.3	132.0	05378	1.7	1.7	4A3	2.88	.10	.01	.25	4.00				3.02					
136.2	138.2	05379	2.0	2.0	4A3	2.83	.15	.01	.19	4.00				.27					
138.2	140.2	05380	2.0	1.8	4A3	2.90	.25	.01	.21	4.00				.34					
140.2	142.2	05381	2.0	2.0	4A3	2.75	.15	.01	.09	2.00				.21					
142.2	144.2	05382	2.0	1.7	4A3	2.80	.13	.01	.04	3.00				.21					
144.5	146.7	05383	2.2	2.0	4A3	2.96	.12	.48	.77	10.00				.62	1	10	11		
146.7	148.4	05384	1.7	1.5	4C0	3.89	.23	1.70	3.32	29.00				1.23	1	27	29		
148.4	150.9	05385	2.5	2.3	4A0	2.88	.10	1.72	2.95	26.00				.48	1	6	8		
175.3	177.3	05386	2.0	1.9	4L1	3.08	.11	1.18	.91	12.00				.27	9	4	13		
177.3	179.0	05387	1.7	1.4	4L1	3.09	.08	2.45	1.88	23.00				.14	8	2	11		
179.0	180.3	05388	1.3	1.1	4L7	3.29	.15	2.26	3.10	25.00				.55	5	13	18		
185.3	186.8	05389	1.5	1.5	4A3	2.72	.03	.58	.88	9.00				.14					
186.8	188.1	05390	1.3	1.0	4A3	2.77	.06	.64	.94	11.00				.21					
200.6	202.6	05391	2.0	1.6	4EC8	3.98	.37	1.53	1.35	23.00				1.23	4	27	31		
202.6	204.6	05392	2.0	2.0	4C8	3.80	.36	.78	.95	18.00				.69	3	26	29		
204.6	206.0	05393	1.4	1.3	4GD4	3.76	.13	4.78	5.55	69.00				1.30	4	13	17		

WEIGHTED AVERAGE

93.3	101.8		8.5	8.1		2.90	.09	.11	.23	6.35				.63					
104.3	132.0		27.7	23.2		2.89	.12	.01	.31	3.78				.46					
136.2	144.2		8.0	7.5		2.82	.17	.01	.13	3.25				.25					
144.5	150.9		6.4	5.8		3.17	.14	1.28	2.29	21.29				.72	1	13	15		
175.3	180.3		5.0	4.4		3.13	.11	1.89	1.80	19.12				.29	8	6	14		
185.3	188.1		2.8	2.5		2.74	.04	.60	.90	9.92				.17					
200.6	206.0		5.4	4.9		3.85	.30	2.09	2.29	33.07				1.04	3	23	27		

DDH: FAGA152 UTM-N: 904,765.0 UTM-E: 592,505.2 UTM-ELEV: 1,277.3 TOTAL DEPTH: 209.2 SECTION: W 64
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

-----ASSAYS-----
 ----DEPTHS---- SAMPLE INT. REC. ROCK S.G. CU PB ZN AG(AA) AG(FA) AU(FA) PO PY TCT BAO HG MN AS BA S.G.
 FROM TO NO. UNIT PULP % % % G/MT G/MT G/MT % % FE % % % % % W.R.

DDH: FAGA152 UTM-N: 904,765.0 UTM-E: 592,505.2 UTM-ELEV: 1,277.3 TOTAL DEPTH: 209.2 SECTION: W 64
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
70.100	176.500	52.000
154.600	169.500	91.000

DDH: FAGA152 UTM-N: 904,765.0 UTM-E: 592,505.2 UTM-ELEV: 1,277.3 TOTAL DEPTH: 209.2 SECTION: W 64
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
38.7	OC01	#		0.5-	1
44.5	OC02	4L0	82 MINOR	0.5-	1
46.1	OC03	4L0		0.5-	1
50.7	OC04	4A3	(4L1) MINCR	0.5-	1
51.6	OC05	5B16		0.5-	1
52.7	OC06	5B6		0.5-	1
63.5	OC07	5B10	?	0.5-	1
64.8	OC03	4L1	BIG? (5D4*)	0.5-	1
65.6	OC09	5B16		0.5-	1
66.5	OC10	4L1		0.5-	1
67.9	OC11	4L1	(5D4*)	0.5-	1
68.6	OC12	5B16		0.5-	1
70.6	OC13	5B1		0.5-	1
75.5	OC14	4L1	(4L15) [5D4*?]	0.5-	1
77.2	OC15	5B1		0.5-	1
78.6	OC16	4L1		0.5-	1
79.8	OC17	4L1		0.5-	1
90.7	OC18	4L1	82 MINOR	0.5-	1
93.3	OC19	5B6		0.5-	1
101.8	OC20	4A3	(5D4*)	0.5-	1
104.3	OC21	5A9	16	0.5-	1
132.0	OC22	4A3	(4C0)	0.5-	1
133.0	OC23	5C4*	MCTT.	0.5-	1
134.1	OC24	4L1	(10QC)	0.5-	1
135.1	OC25	5B6	(5B61)	0.5-	1
136.2	OC26	5D*	84	0.5-	1
140.7	OC27	4A3	8#	0.5-	1
148.4	OC28	4D4	8*	0.5-	1
150.9	OC29	4A4		0.5-	1
156.9	OC30	5B1	80	0.5-	1
158.5	OC31	4L1	82 MINOR	0.5-	1
168.7	OC32	5B0	?	0.5-	1
169.5	OC33	5A10		0.5-	1
175.3	OC34	5B10	?	0.5-	1
179.0	OC35	4L1	(4L17482)	0.5-	1
180.3	OC36	4L7	8 MINOR	0.5-	1
180.8	OC37	4L0		0.5-	1
185.3	OC38	5A96		0.5-	1
188.1	OC39	4A3	(4L1) (5D4*) MINCR	0.5-	1
195.5	OC40	5B20	? GARNET ?	0.5-	1
196.8	OC41	4L1	2 MINOR	0.5-	1
197.6	OC42	5D4*		0.5-	1
200.6	OC43	5A1	(4L1)	0.5-	1
201.2	OC44	4E8#	(4E4)	0.5-	1
204.6	OC45	4C8	89 8# MINCR (4G4)	0.5-	1
205.4	OC46	4G4	88 MINOR	0.5-	1
206.0	OC47	4D4	# MINOR 85 MINOR	0.5-	1
209.2	OC48	5C4*	MCTT. (4L1)	0.5-	1

DOH: FAGA152 UTM-N: 904,765.0 UTM-E: 592,505.2 UTM-ELEV: 1,277.3 TOTAL DEPTH: 209.2 SECTION: W 64
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DOH	F DEPTH	T DEPTH	FEAT	SYMTRY	SO ANGLE DIRECT	S1 ANGLE DIRECT	S2 ANGLE DIRECT	RFE	CDE	DHCC	SDC	PROCESS	
FAGA152	0.0	40.6	PS2		0	C	C	45	230	C	1	1	1
FAGA152	0.0	47.8	PS2		0	C	C	70	230	C	1	1	1
FAGA152	0.0	53.0	PS2		C	C	C	68	230	C	1	1	1
FAGA152	0.0	59.2	PS2		C	C	C	70	230	C	1	1	1
FAGA152	40.6	60.0	PS2	P	0	C	C	0	0	C	1	1	1
FAGA152	0.0	64.2	CS2		0	0	C	74	230	C	1	1	1
FAGA152	60.0	64.9	CS2	S	0	C	0	0	C	C	1	1	1
FAGA152	0.0	67.4	CS2		0	C	C	67	230	C	1	1	1
FAGA152	64.9	67.4	CS2	Z	0	C	C	0	0	C	1	1	1
FAGA152	0.0	74.0	PS2		0	0	C	47	230	C	1	1	1
FAGA152	67.4	75.5	PS2	P	0	C	C	0	C	C	1	1	1
FAGA152	0.0	81.1	CS2		0	C	C	0	C	C	1	1	1
FAGA152	0.0	87.2	CS2		0	0	C	43	230	C	1	1	1
FAGA152	75.5	87.7	CS2	S	0	0	C	0	C	C	1	1	1
FAGA152	87.7	88.5	CS2	D	0	0	C	0	C	C	1	1	1
FAGA152	88.5	90.7	CS2	M	0	0	C	0	C	C	1	1	1
FAGA152	0.0	92.7	PS2		0	0	C	67	230	C	1	1	1
FAGA152	0.0	97.1	PS2		0	0	C	61	230	C	1	1	1
FAGA152	90.7	97.2	PS2	P	0	C	C	0	C	C	1	1	1
FAGA152	0.0	102.7	CS2		0	0	C	54	230	C	1	1	1
FAGA152	97.2	102.9	CS2	Z	0	0	C	0	0	C	1	1	1
FAGA152	0.0	105.4	CS2		0	C	C	68	230	C	1	1	1
FAGA152	102.9	105.6	CS2	D	0	0	C	0	C	C	1	1	1
FAGA152	105.6	108.7	CS2	M	0	0	C	0	C	C	1	1	1
FAGA152	0.0	111.8	CS2		0	0	C	64	230	C	1	1	1
FAGA152	0.0	119.1	CS2		0	0	C	60	230	C	1	1	1
FAGA152	108.7	124.4	CS2	C	0	0	C	0	C	C	1	1	1
FAGA152	124.4	125.9	CS2	S	0	C	C	0	C	C	1	1	1
FAGA152	0.0	127.0	CS2		0	0	C	68	230	C	1	1	1
FAGA152	125.9	127.4	CS2	Z	0	0	C	0	C	C	1	1	1
FAGA152	0.0	130.7	CS2		0	0	C	58	230	C	1	1	1
FAGA152	0.0	131.8	CS2		0	0	C	68	230	C	1	1	1
FAGA152	127.4	132.0	CS2	S	0	C	C	0	C	C	1	1	1
FAGA152	0.0	135.8	PS2		0	0	C	69	230	C	1	1	1
FAGA152	132.0	136.2	PS2	P	C	0	C	0	0	C	1	1	1
FAGA152	0.0	140.6	CS2		0	C	C	70	230	C	1	1	1
FAGA152	136.2	140.7	CS2	Z	0	0	C	0	C	C	1	1	1
FAGA152	0.0	146.3	CS2		0	C	C	66	230	C	1	1	1
FAGA152	140.7	146.7	CS2	D	0	0	C	0	0	C	1	1	1
FAGA152	0.0	154.6	PS2		0	0	C	69	230	C	1	1	1
FAGA152	0.0	160.9	PS2		0	0	C	81	230	C	1	1	1
FAGA152	146.7	164.3	PS2	P	0	C	C	0	C	C	1	1	1
FAGA152	0.0	166.5	CS2		0	C	C	71	230	C	1	1	1
FAGA152	164.3	171.6	CS2	Z	0	0	C	0	C	C	1	1	1
FAGA152	0.0	172.1	PS2		0	C	C	76	230	C	1	1	1
FAGA152	0.0	178.5	PS2		0	0	C	78	230	C	1	1	1
FAGA152	0.0	184.5	PS2		0	0	C	78	230	C	1	1	1
FAGA152	171.6	186.3	PS2	P	0	0	C	0	C	C	1	1	1
FAGA152	186.3	188.1	CS2	S	0	C	C	0	C	C	1	1	1
FAGA152	0.0	189.1	PS2		0	C	C	69	230	C	1	1	1
FAGA152	188.1	189.2	PS2	P	0	C	C	0	C	C	1	1	1

21MAR84 GRUM

DOWN-HOLE STRUCTURE (DHC20)

DDH: FAGA152 UTM-N: 904,765.0 UTM-E: 592,505.2 UTM-ELEV: 1,277.3 TOTAL DEPTH: 209.2 SECTION: W 64
 RFE: S2 RFE DIR: 230 FLUNGE 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
FAGA152	0.0	193.2	CS2		0	0	0	0	80	230	C		1	1	1
FAGA152	189.2	194.6	CS2	M	0	0	0	0	0	0	C		1	1	1
FAGA152	194.6	197.6	PS2	P	0	0	0	0	0	0	C		1	1	1
FAGA152	0.0	198.2	CS2		0	0	0	0	78	230	C		1	1	1
FAGA152	197.6	200.6	CS2	M	0	0	0	0	0	0	C		1	1	1
FAGA152	0.0	206.0	PS2		0	0	0	0	58	230	C		1	1	1
FAGA152	200.6	209.2	PS2	F	0	0	0	0	0	0	C		1	1	1

CDH: FAGA152 UTM-N: 904,705.0 UTM-E: 592,505.2 UTM-ELEV: 1,277.3 TOTAL DEPTH: 209.2 SECTION: W 64
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

CDH	F DEPTH	T DEPTH	FEAT	REC	CD	PARLL	UPPER PLANE	INTERNAL PLANE	LOWER PLANE	DHD			
FAGA152	43.5	43.6	G				0	0	C	C	0	0	1
FAGA152	44.5	46.1	G				0	0	C	C	0	0	1
FAGA152	46.4	47.6	BP	2			C	0	C	C	0	0	1
FAGA152	47.8	49.3	B				C	0	C	C	0	0	1
FAGA152	50.7	50.9	G				0	0	C	C	0	0	1
FAGA152	50.9	51.6	B				0	0	C	C	0	0	1
FAGA152	51.6	52.7	G				0	0	C	C	0	0	1
FAGA152	67.6	67.9	G				C	0	C	C	0	0	1
FAGA152	68.6	73.8	G				0	0	C	C	0	0	1
FAGA152	70.8	77.2	G				0	0	C	C	0	0	1
FAGA152	78.6	79.8	G				0	0	C	C	0	0	1
FAGA152	84.7	85.2	G				C	0	C	C	0	0	1
FAGA152	95.8	95.9	X				0	0	C	C	0	0	1
FAGA152	121.C	121.4	D?				C	0	C	C	0	0	1
FAGA152	121.8	121.9	D?				C	0	C	C	0	0	1
FAGA152	133.7	134.1	G				0	0	C	C	0	0	1
FAGA152	144.2	144.5	G				C	0	C	C	0	0	1
FAGA152	146.7	148.4	D				0	0	C	C	0	0	1
FAGA152	151.7	152.3	S				C	0	C	C	0	0	1
FAGA152	152.5	152.8	S				0	0	C	C	0	0	1
FAGA152	153.3	154.0	S				C	0	C	C	0	0	1
FAGA152	158.5	160.3	PB				0	0	C	C	0	0	1
FAGA152	182.7	183.0	S				0	0	C	C	0	0	1
FAGA152	199.C	199.2	S				0	0	C	C	0	0	1
FAGA152	199.4	199.6	X				C	0	C	C	0	0	1

21MAR64 GRUM

DOWN-HOLE SPLINES (DHO20)

PAGE: 30

DDH: FAGA152 UTM-N: 904,765.0 UTM-E: 592,505.2 UTM-ELEV: 1,277.3 TOTAL DEPTH: 209.2 SECTION: W 64
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DDH SEGMENT NOS COND INDICATOR

FAGA152	1	2
FAGA152	2	2
FAGA152	3	1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 76-A152

Fabric Orientation Diagram:

Project: GRUM RELOG

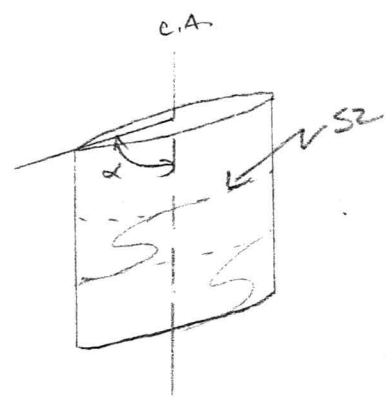
Location: VANGORDA PLATEAU

Claim: _____

UTM
Terr. Plane
Co-ords.: 6,904,765.03 N

1979 HIW
Orthophoto Survey
592,505.17 E

Grid
Co-ords.: 64W | 3N



All symmetry determinations looking

NW with S2 dipping

SW with dip azimuth 230.

Elevation: 1277.31

Total Depth: 209.2 m.

Purpose: _____

RE
Logged by: PN

Date(s) Logged: AUG. 28-30, 1980

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

BQ 0 EOH

Started: SEPT. 5 / 76

Completed: SEPT. 8 / 76

Lithologic Log

Code	From	To	Unit	Code	Description
1	10 14 16 20 22 23 25 27				
L	100	1387	11		OB
L	1387	1445	12	4L10	minor py; gouge 43.5-43.6m;
L	1445	1461	13	4L10	gouge (fault);
L	1461	15107	14	4A3	46.4-47.6m 4L1 broken core w/ poor recovery (0.2m); 3% PbZn; broken core 47.8-49.3m;
L	15107	15116	15	5B11	broken core; gouge 50.7-50.9m; minor py; non-calcareous;
L	15116	1527	16	5B16	gouge (fault);
L	1527	1635	17	5B11	slightly calcareous; numerous atzitic veins & lenses; minor py; more siliceous towards EOH; minor bt;
L	1635	1648	18	4L1	w/ chl & bt ^{dark brown bands} ; bleached calc. SD4 63.7-63.8m;
L	1648	1656	19	5B16	w/ dk. brown bands (due to incomplete bleaching?) ^{non-calc}
L	1656	1665	10	4L1	as unit 8; non-calc.
L	1665	1679	11	4L1	bleached tan calcareous SD4 w/ manposite 66.5- 66.6m; 67.4-67.6m; gouge 67.6-67.9m;
L	1679	1686	12	5B11	non-calc. (5B16); as unit 9;
L	1686	1706	13	5B11	gouge;
L	1706	1755	14	4L1	gouge 70.6-73.8m; calcareous (4L15);
L	1755	1772	15	5B11	gouge 76.8-77.2m; as unit 9;
L	1772	1786	16	4L1	as unit 8;
L	1786	1798	17	4L1	gouge (fault)
L	1798	1907	18	4L1	as unit 8; gouge 84.7-85.2m; minor py bands;
L	1907	1933	19	5B16	minor atz-ankerite lenses; few py stringers;
L	1933	110118	20	4A3	bleached calc. SD4 w/ manposite 93.3-93.4. 93.5-93.6m; brecciated w/ atz-py clasts (subrounded) of varying size 95.8-95.9m; 4L1 w/ py 95.9-96.3m; SD4 w/ chl & carbonate layers 96.3-96.4m;
L	110118	110143	21	5A9	highly siliceous non-calcareous;
L	110143	11320	22	4A3	abundant py 106.8-107.8 w/ lesser graphite (4C0); brecciated 121.0-121.4, 121.8-121.9m; 5A9 w/ carbonate densin crack fillings 131.3-131.7m;
L	11320	11330	23	5D14	bleached tan; calcareous w/ minor elongated chl blebs; bleached buff w/ manposite 132.2-132.4m;
L	11330	11341	24	4L1	OQO 133.0-133.5m; gouge 133.7-134.1m;
L	11341	11351	25	5B16	siliceous (5B61);

Code	From			To			Unit	Code	Description
	10	14	16	20	22	23			
L	1135	1		1136	2	216	5D11		bleached tan w/ alternating chl & calc. layers; siliceous; OQD w/ py bands 136.1-136.2m;
L	1136	2		1146	7	27	4A3		slightly calcareous; orange 144.2-144.5 m; 3% PbZn 146.3-146.7m;
L	1146	7		1148	4	28	4D4		5% PbZn (mainly sph); brecciated w/ py-sph-gtz clasts in matrix of buff carbonate + sulphides; carbonate content decr. towards EOH;
L	1148	4		1150	9	29	4A4		5% PbZn;
L	1150	9		1156	9	30	5B1		sheared 151.7-152.3, 152.5-152.8m, 153.3-154.0m; slightly calcareous;
L	1156	9		1158	5	31	4L1		min py w/ lesser PbZn;
L	1158	5		1168	7	32	5B1		poor recovery, broken ore 158.5-160.3m; variably siliceous; variable muscovite content (occurs as interbands w/ dk grey phyllite); generally colour lighter & fine siliceous towards EOH;
L	1168	7		1169	5	33	5A1		slightly calc;
L	1169	5		1175	3	34	5B1		very slightly calc; interbands of 4L incr. towards EOH;
L	1175	3		1179	0	35	4L1		4L74182 175.4-176.2m (5% PbZn); 178.0-178.3m. (w/ gtz, sericite clasts in sulph. matrix); narrow minor sulph. bands;
L	1179	0		1180	3	36	4L7		minor mt; 5% PbZn; siliceous;
L	1180	3		1180	8	37	4L0		
L	1180	8		1185	3	38	5A9		mm-calc.; sheared 182.7-183.0m; siliceous;
L	1185	3		1188	1	39	4A3		minor 4L bands; ^{few} calcareous bleached buff 5D41 bands;
L	1188	1		1195	5	40	5B2		siliceous; slightly calcareous; numerous gtz-carbonate py lenses; pink qtz (?) at 191.0m;
L	1195	5		1196	8	41	4L1		minor py stringers; slightly calcareous;
L	1196	8		1197	6	42	5DH		bleached buff w/ malposite; 5D41;
L	1197	6		2000	6	43	5A1		sheared 199.0-199.2m; minor py bands & 4L interbands; calcareous; brecciated 199.4-199.6m w/ pyritic clasts in gtz-calc. matrix;
L	2000	6		2001	2	44	4E8		^{calcareous} 4E4 200.6-200.8m (8% PbZn);
L	2001	2		2004	6	45	4C8		minor mt, cpy; <4% PbZn; slightly calcareous; 4G4 201.4-201.6m;

Code	From			To			Unit			Code	Description
	1	10	14	16	20	22	23	25	27		
L	12014	6		12015	4		46	4	GM		orange-colored sph; calcareous; 10% PbZn; min mt; cpy;
L	12015	4		12016	0		47	4	DT		5% PbZn; slightly calc; min graphitic interbands;
L	12016	0		12019	2		48	5	^{C*} DT		mottled; bleached buff + green; min py, po;
											4L1 208.5-209.2m;
				EQH							

Code	From		To		Feature	SYM	S ₁		S ₂		Description
	10	14	16	20			22	24	26	28	
S				406	PSZ				45	230	1/3 massive sulph; 1/3 gouge;
S				478	PSZ				70	230	
S				527	FZR						P region 52.7-60.0m; min S sym;
S				530	PSZ				68	230	
S				592	PSZ				70	230	
S				600	FZP						S sym. 60.0-64.9m; D region 63.8-64.5m;
S				642	CSZ				74	230	
S				649	FZE						Z sym. 64.9-67.4m; min S sym;
S				674	CSZ				67	230	
S				674	FZZ						R region 67.4-75.5m; 70% gouge;
S				740	PSZ				47	230	
S				755	FZR						S sym. 75.5-87.7m; min Z sym;
S				811	CSZ				46	230	
S				872	CSZ				43	230	
S				877	FZS						D region 87.7-88.5m;
S				885	FZD						M region 88.5-90.7m; Z/S = 2/1
S				907	FZM						R region 90.7-97.2m;
S				927	PSZ				67	230	
S				971	PSZ				61	230	
S				972	FZR						Z sym. 97.2-102.9m;
S				1027	CSZ				54	230	
S				1029	FZZ						D region 102.9-105.6m; min S sym;
S				1054	CSZ				68	230	
S				1056	FZD						M region 105.6-108.7m; S/Z = 2/1
S				1087	FZM						D region 108.7-124.4m;
S				1118	CSZ				64	230	
S				1191	CSZ				60	230	
S				1244	FZD						S sym. 124.4-125.9m;
S				1259	FZE						Z sym. 125.9-127.4m;
S				1270	CSZ				68	230	
S				1274	FZZ						S sym. 127.4-132.0m;
S				1307	CSZ				58	230	
S				1318	CSZ				68	230	
S				1320	FZS						R region 132.0-136.2m;

Geochemical Log (Sampler's Copy)

Code	From		To		Sample No.		Description		
	10	14	16	20	22	27	LENGTH	REC.	UNIT
P	933		948		153159		1.5	1.4	4A3
P	948		963		153160		1.5	1.3	4A3
P	963		978		153161		1.5	1.5	4A3
P	978		993		153162		1.5	1.4	4A3
P	993		1008		153163		1.5	1.5	4A3
P	1008		1018		153164		1.0	1.0	4A3
P	1018		1043		153165		2.0	1.4	4A3
P	11083		11103		153167		2.0	2.0	4A3
P	11103		11123		153168		2.0	2.0	4A3
P	11123		11143		153169		2.0	1.7	4A3
P	11143		11163		153170		2.0	1.6	4A3
P	11163		11183		153171		2.0	2.0	4A3
P	11183		11203		153172		2.0	2.0	4A3
P	11203		11223		153173		2.0	2.0	4A3
P	11223		11243		153174		2.0	1.9	4A3
P	11243		11263		153175		2.0	1.9	4A3
P	11263		11283		153176		2.0	2.0	4A3
P	11283		11303		153177		2.0	1.0	4A3
P	11303		11320		153178		1.7	1.7	4A3
P	11362		11382		153179		2.0	2.0	4A3
P	11382		11402		153180		2.0	1.8	4A3
P	11402		11422		153181		2.0	2.0	4A3
P	11422		11442		153182		2.0	1.7	4A3
P	11445		11467		153183		2.2	2.0	4A3
P	11467		11484		153184		1.7	1.5	4D4
P	11484		11509		153185		2.5	2.3	4A4
P	11753		11773		153186		2.0	1.9	4U
P	11773		11790		153187		1.7	1.4	4U
P	11790		11803		153188		1.3	1.1	4L7
P	11853		11868		153189		1.5	1.5	4A3
P	11868		11881		153190		1.3	1.0	4A3
P	2006		2026		153191		2.0	1.6	4EB 4CB
P	2026		2046		153192		2.0	2.0	4CB

Interval		DESCRIPTION	Recovery	Sample N ^o	Interval		Sample Length	Assay					Assay 1				
From	To				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag		
		CA: 52=Gouge; 54=F ₁ s.v., 60, F ₂ =85 opp dip; 58=F ₂ =40; 62=F ₂ 71; F ₁ loc. s.v.															
63.5	90.6	WHITE BLEACHED QUARTZ-SERICITE PHYLLITE. (Sb) With major FAULT ZONE.	0.9 0.7			68.3 69.5	69.5 70.6	1.2 1.1									
		Section weakly mineralized: Py, Po. Note dark green-brown CH? in folded F ₁ laminae - 64-66; 77-89	0.7 7.2			70.6 71.3	71.3 78.6	0.7 7.3									
		These in good F ₂ small-scale fold zones. Major fault gouge 68.6-73.9 and thin broken gouge zones 76.8-77.2, 78.6-79.8. Upper fault zone gouged, muddy, with dark-grey mutilated quartz-sericite zone at 68.6-70.6. Note thin bands of massive Py in this fault gouge.	0.7 0.4			78.6 83.8	79.8 84.7	1.2 0.9									
		CA: 66=F ₁ , S.V. F ₂ 80, F ₂ folds; 70=Gouge; 74=44F ₂ ; 78=F ₂ = 66; 82=F ₂ =56; 86=55, F ₂ , 88=F ₂ =65, F ₁ S.V. folded.															
90.6	93.3	GREY QUARTZ-SERICITE PHYLLITE. S F ₂ dominant; minor Py CA: 92=60. F ₂															
93.3	132.0	STRIPED QUARTZ-GRAPHITIC SULPHIDE ZONE. P _G S PZ Thin white qu-Py laminae alternated with black 6 1 sooty graphitic laminae. Sulphide content to locally 5%. Virtually no PbZn. Highest concentration of pyrite between	1.5	4957	106.7	108.2	1.5	0.02	0.26	4.11		0.28					

Interval		DESCRIPTION	Recovery	Sample N2	Interval		Sample Length	Assay					Assay x					
From	To				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag			
		108-106.8. Note F ₁ laminae s.v. 106-111.0 poss. fold nose region. Note also refolded F ₁ fold at 108.7.																
		Note quartz-sericite-mariposite zone 93.3-94.0. Section not worthy of assay : Representative section only.																
		CA: 96=F ₂ =50, 100=F ₂ 75, 104=F ₂ 60, F ₁ sub-v folded, 108=F ₂ =45, 110=F ₁ sub-v, F ₂ =55; 112=F ₁ sub-v, F ₂ =65, 116=F ₁ 70, F ₂ 68 opp. dip; 120=F ₂ 70; 124=F ₂ =75, F ₁ sub-v, 128=F ₁ sub-v F ₂ =65; 132=F ₂ =55																
132.0	136.2	WHITE BLEACHED QUARTZ-SERICITE MARIPOSITE PHYLLITE (Sbm) Unit has abundant green mariposite, with white qu-sericite. Note gougy zone. 133.5-134: Minor Pyrite. CA: 134=56F ₂	Excellent															
136.2	146.3	STRIPED QUARTZ-GRAPHITIC SULPHIDES. Pg Unit not as quartzitic as one above. Mineralization 2-5% pyrite. Virtually no PbZn. Bx-gouge 144.2-144.7. CA: 138=F ₂ =65, 142=F ₂ =70, F ₁ sub-v fold nose region. 146=F ₂ =65. S PZ	Excellent															
146.3	150-1	MASSIVE BX-SULPHIDE AND BANDED QUARTZ-GRAPHITIC PHYLLITE-SULPHIDES. Pg																
		70 8	1.5	4598A	146.3	147.8	1.5	1.80	2.72	30.17		4.52	2.70	4.08	45.26			
		65 8	1.5	A4959	147.8	149.3	1.5	2.15	4.09	35.31		6.24	3.23	6.14	52.97			

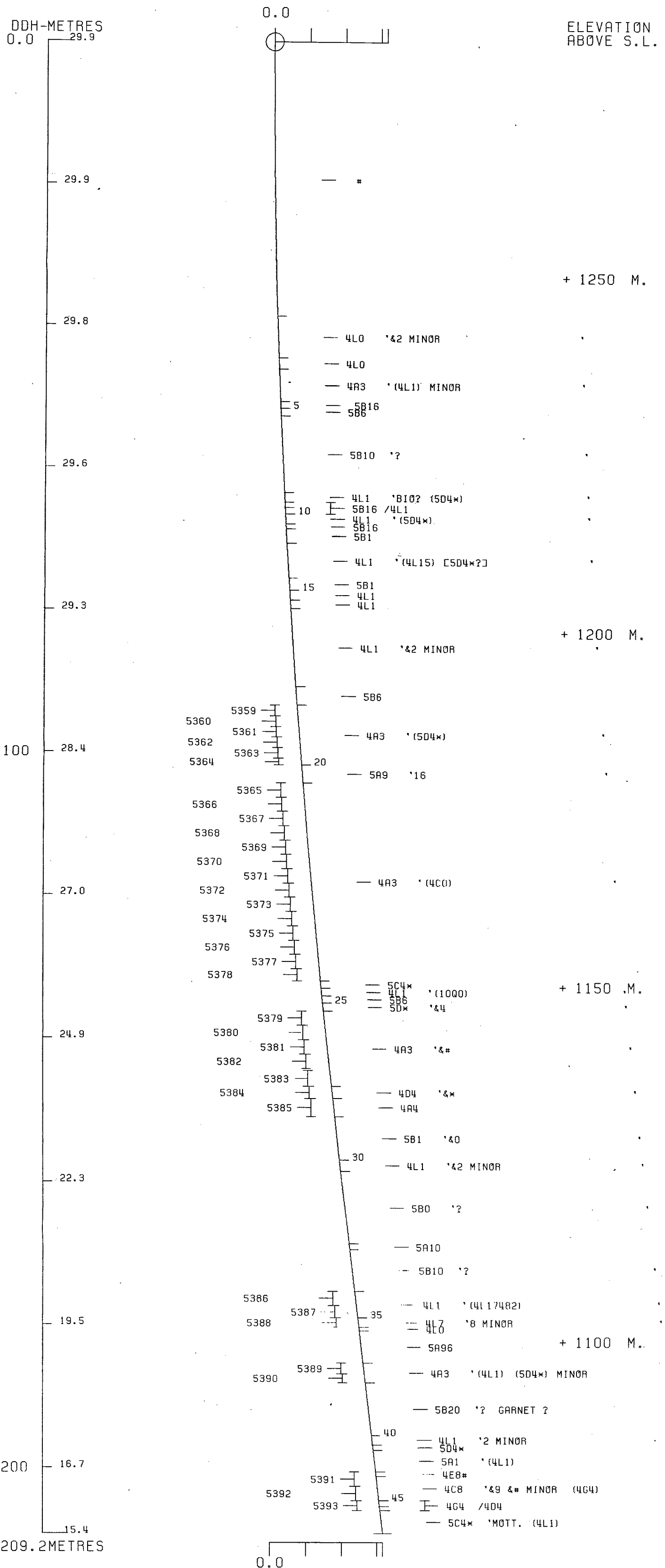
Interval		DESCRIPTION	S	PZ	Recovery	Sample No	Interval		Sample Length	Assay					Assay x		
From	To						From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag
			25	4	0.8	A4960	149.3	150.1	0.8	1.63	2.50	26.40		4.13	1.30	2.00	21.12
		Massive Py-Sph sulphide band has been brecciated (147-148.5)				Wt.AV.	146.3	150.1	3.8	1.90	3.22	31.41			7.23	12.22	119.35
		Bx recemented by, net-vein of buff carbonate and F.G. sulphs.															
		Quartz-graphite-sulphide sphalerite rich : Sulph conc. in F ₂															
		Sulphide vane-50-75%: Grade: 8%. CA: 150=76.															
150.1	152.0	BLACK QUARTZ-GRAPHITIC PHYLLITE G.															
		F ₂ foliation dominant. CA: 152=F ₂ 65.															
152.0	173.0	MEDIUM GRAY QUARTZ-SERICITE PHYLLITE Sb			Excellent												
		with local thin zones of WHITE BLEACHED PHYLLITE			except	0.4	156.5	160.3	1.8								
		at 157-158.5 with minor sphalerite. F ₂ foliation is dominant			0.3		169.4	170.7	1.3								
		Local F ₂ fold 163.4; 166; Thin quartz-veins. The unit grades to more bleached sericite below.															
		CA: 156=F ₂ =55; 160=F ₂ 72; 164=F ₂ 69; 168=F ₁ 80, F ₂ 75 opp dip; 172=F ₂ =70.															
			S	PZ													
172.0	180.7	WHITE BLEACHED QUARTZ-SERICITE PHYLLITE sb	45	4-6	1.1	A 4961	179.2	180.3	1.1	2.10	2.84	26.40					
		with thin bands of MASSIVE SULPHIDE at 175.7-176.2- Py, Po															
		Mt, minut sph-gal and 177.9-198.1 and 179.2-180.3 Note															
		sulphides are quite magnetic. Represent at the sample.															
		CA: 174=76F ₂ ; 178=F ₂ =60;															

Interval		DESCRIPTION	Recovery	Sample No	Interval		Sample Length	Assay					Assay z				
From	To				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag		
180.7	195.5	BLACK, STRIPPED QUARTZ-GRAPHITIC PHYLLITE (G) with minor (1-2%) Sulphides between 165.5-188 : Minor Py, sphalerite. F ₂ foliation is dominant; Minor thin quartz-veins and buff- ankerite. CA: 182=F ₂ 67; 186=F ₂ 76; 190=F ₁ 71; 194=F ₂ =55.															
195.5	197.6	WHITE BLEACHED QUARTZ-SERICITE PHYLLITE (Sb) Minor Py, with mariposite. CA: 196=F ₂ =70.															
197.6	200.6	BLACK QUARTZ-GRAPHITIC PHYLLITE G. Striped; quartz-veined; minor pyrite. CA: 198=F ₂ 70.															
200.6	206.0	MASSIVE BANDED PYRITIC SULPHIDE MB 75 6 S Pz Sulphide: 50-70% : Pyrite, red sphalerite; 60 4 black magnetite; Barite from 204.6 to end; minor 65 4-6 cpy. Grade varies 6-12% 70 12 CA: 202=70, 204=70	1.5	A4965	200.6	202.1	1.5	1.83	1.56	25.37							
			1.0	A4966	202.1	203.1	1.0	0.25	0.24	9.94				0.49	PbZn		
			1.0	A4967	203.1	204.1	1.0	0.30	0.35	10.97				0.05	0.05	1.99	
			1.9	A4968	204.1	206.0	1.9	4.10	4.95	60.34				0.30	0.35	10.97	
				Wt. Av	202.9	206.0	3.1	2.63	3.16	41.2				7.79	9.41	114.65	
				Wt. Av	202.1	204.1	2.0	0.57	PbZn					8.14	9.81	127.61	

DDH: FAGA152 -- 42 DEGREE PROFILE

(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1277 592505E ; 904765N
 PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0
 CORRECTED COLLAR POSITION: X = 465.6 Z = 1283.1
 SECTION NAME: 63W



DDH: FAGA152 -- 42 DEGREE PROFILE

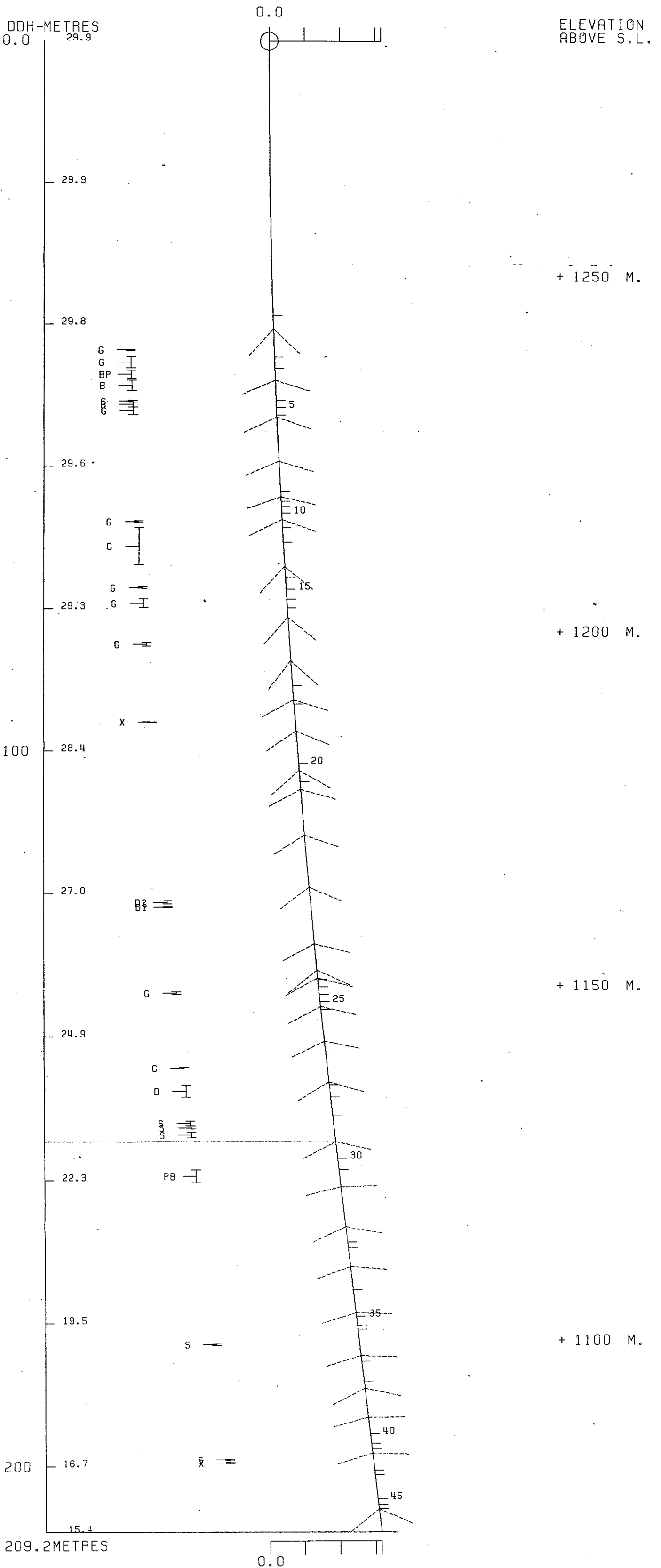
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1277 592505E ; 904765N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 465.6 Z = 1283.1

SECTION NAME: 63W



80 A203

DLH	SAMPLE	---DEPTH---		INT	REC	ROCK	S.G.	CU	PB	ZN	AG	AU	PO	PY	BAC	PB+ZN	PO+PY	ZN
		FROM	TO	M	%	UNIT		%	%	%	G/MT	G/MT	%	%	%	%	%	RATIO
FAGA2C3	5489	54.2	55.3	1.1	100	4AC#	2.91	.01	.16	.62	5.0	.07				.78		.79
	5490	58.6	59.3	.7	86	4E4#	4.46	.17	9.20	8.90	118.0	1.85	1.61	27.10		18.10	28.71	.49
	5491	69.7	71.2	1.5	100	4G4	4.35	.14	11.80	18.60	156.0	.75	1.39	19.10		30.40	20.49	.61
	5492	71.2	72.7	1.5	100	4G4	4.56	.21	12.50	23.00	155.0	.89	1.56	18.10		35.50	19.66	.65
	5493	72.7	74.2	1.5	100	4G4	4.56	.16	8.30	16.50	111.0	.75	.85	16.60		24.80	17.45	.67
	5494	74.2	75.7	1.5	93	4G4	4.27	.26	4.10	6.60	83.0	1.37	1.22	28.10		10.70	29.32	.62
	5495	76.2	77.4	1.2	100	4GD#4	3.76	.06	6.55	8.36	76.0	.69	1.55	17.60		14.91	19.15	.56
	5496	77.4	78.7	1.3	92	4GD#4	4.57	.12	10.90	14.40	135.0	1.03	1.45	23.20		25.30	24.65	.57
	5497	84.4	86.0	1.6	100	4AC	2.87	.02	.21	.31	5.0	.21				.52		.60
	5498	86.0	89.2	3.2	47	4AC	2.92	.02	.79	1.68	14.0	.34				2.47		.68
	5500	89.2	90.8	1.6	87	5D4*	2.93	.04	.51	.62	15.0	.21				1.13		.55
	5501	104.2	105.9	1.7	94	4G4	3.43	.16	4.62	6.37	86.0	.27	3.78	12.80		10.99	16.58	.58
	5502	105.9	106.8	.9	100	4A4	3.06	.05	2.67	3.68	40.0	.21	2.75	8.90		6.35	11.65	.58
	5503	106.8	108.3	1.5	100	4G4#	4.67	.24	8.63	8.61	144.0	1.58	.69	23.20		17.24	23.89	.50
	5504	108.3	109.8	1.5	100	4G0#	4.75	.34	5.80	8.30	119.0	1.51	.66	26.00		14.10	26.66	.59
	5505	109.8	111.4	1.6	100	4G0#	4.50	.22	3.50	5.70	63.0	2.13	.95	26.10		9.20	27.05	.62
	5506	111.4	112.4	1.0	100	4C3	4.62	.36	2.50	2.80	52.0	1.99	1.18	34.60		5.30	35.78	.53
	5507	112.4	113.9	1.5	93	4A0	2.84	.03	.34	.54	10.0	.14	.73	6.90		.88	7.63	.61
	5508	113.9	115.4	1.5	87	4A0	2.89	.11	.45	.53	12.0	.34	1.12	8.40		.98	9.52	.54
	5509	115.4	116.9	1.5	87	4A0	2.83	.12	.25	.23	7.0	.21				.48		.48
	5510	116.9	118.4	1.5	100	4AC	2.88	.06	.11	.10	7.0	.21				.21		.48
	5511	118.4	119.9	1.5	100	4A0	2.85	.22	.04	.13	7.0	.21				.17		.76
	5512	119.9	121.4	1.5	100	4A0	2.83	.03	.02	.03	4.0	.07				.05		.60
	5513	121.4	122.9	1.5	100	4A0	2.90	.12	.02	.08	2.0	.21				.10		.80
	5514	122.9	124.4	1.5	93	4A0	2.81	.08	.09	.21	6.0	.21				.30		.70
	5515	124.4	125.4	1.0	100	4A3	3.32	.23	.40	.50	13.0	.27				.90		.56
	5516	125.4	126.4	1.0	100	4A0	2.90	.11	.02	.02	4.0	.14				.04		.50
	5517	126.4	127.2	.8	87	4K#	3.68	.14	.40	.27	17.0	.21				.67		.40
	5518	127.2	128.3	1.1	82	4DLA	3.45	.20	1.18	1.09	25.0	.41				2.27		.48
	5519	128.3	129.4	1.1	100	4LC	2.98	.11	.99	.62	17.0	.62				1.61		.39
	5520	129.4	130.9	1.5	93	4GC#	3.35	.18	2.80	2.70	32.0	.48				5.50		.49
	5521	130.9	132.3	1.4	86	4GC#	3.59	.17	1.71	1.62	26.0	.27				3.33		.49
	5522	132.3	133.5	1.2	75	4A0	2.92	.08	.14	.06	5.0	.07				.20		.30
	5523	133.5	134.7	1.2	50	4L2	2.98	.20	.11	.23	5.0	1.30				.34		.68
	5524	134.7	136.0	1.3	62	4L2	3.06	.11	.30	.65	7.0	.27				.95		.68
	5525	136.0	137.3	1.3	38	4L2	2.93	.02	.17	.23	3.0	.27				.40		.57
	5526	184.9	186.3	1.4	93	4L2	2.94	.02	.07	.14	2.0	.07				.21		.67
	5527	186.3	187.7	1.4	100	4L2	2.87	.03	.23	.16	3.0	.21				.39		.41
	5528	187.7	189.1	1.4	100	4L2	2.82	.02	.23	.18	3.0	.14				.41		.44
	5529	189.1	190.8	1.7	94	4HL5	3.68	.19	1.93	2.02	27.0	.14				3.95		.51
	5530	190.8	192.2	1.4	100	4L0	2.86	.01	.10	.26	2.0	.14				.36		.72
	5531	192.2	193.2	1.0	90	4A0	2.83	.01	.01	.04	1.0	.14				.05		.80
	5532	193.2	194.3	1.1	91	4AC	2.90	.01	.02	.02	1.0	.07				.04		.50
	5533	197.5	198.9	1.4	100	4L2	2.80	.02	.12	.31	2.0	.07				.43		.72
	5534	198.9	200.3	1.4	100	4L2	2.88	.02	.02	.06	1.0	.14				.08		.75
	5535	200.3	201.7	1.4	100	4L2	2.85	.04	.05	.01	1.0	.07				.06		.17
	5536	201.7	203.1	1.4	100	4L2	2.97	.02	.02	.02	1.0	.14				.04		.50
	5537	203.1	204.5	1.4	100	4L2	2.94	.04	.02	.02	2.0	.14				.04		.50
	5538	204.5	205.8	1.3	100	4L2	2.84	.04	.02	.02	2.0	.07				.04		.50
	5539	206.5	207.4	.9	100	4G4	4.14	.17	5.00	5.60	74.0	.69	5.13	21.70		10.60	26.83	.53
	5540	207.4	208.5	1.1	82	4D8	4.07	.25	3.90	3.90	55.0	.89	7.00	19.00		7.80	26.00	.50
	5541	208.5	210.0	1.5	100	4D8	4.35	.21	3.35	2.96	40.0	.69	5.90	30.40		6.31	36.30	.47
	5542	210.0	211.5	1.5	93	4C8	4.00	.30	1.28	.89	47.0	1.03	8.02	24.50		2.17	32.52	.41
	5543	211.5	213.0	1.5	100	4D8	4.43	.29	3.39	2.80	47.0	.82	7.45	24.50		6.19	31.95	.45
	5544	213.0	214.8	1.8	94	4D8	4.19	.32	3.22	2.89	61.0	1.10	7.13	22.60		6.11	29.73	.47

DDH	SAMPLE	---DEPTHS---		INT M	REC %	ROCK UNIT	S.G.	CU %	PB %	ZN %	AG G/MT	AU G/MT	PO %	FY %	BAC %	PB+ZN %	PO+PY %	ZN RATIO
		FROM	TO															
FAGA203	5545	214.8	216.0	1.2	100	408	4.21	.25	3.79	2.92	55.0	.82	9.01	22.30		6.71	31.81	.44
	5546	216.0	217.2	1.2	100	408	4.26	.34	.73	.35	29.0	.82	8.35	30.30		1.08	38.65	.32
	5547	217.2	219.4	1.2	100	408	4.35	.24	1.10	.56	35.0	.96	8.60	26.70		1.66	35.30	.34
	5548	218.4	219.7	1.3	100	408	4.09	.31	1.31	.76	29.0	.89	7.70	21.50		2.07	29.20	.37
	5549	219.7	221.5	1.8	100	4G4	4.43	.17	5.25	4.95	76.0	1.10	7.04	15.60		10.20	22.64	.49
	5550	221.5	222.4	.9	100	408	3.78	.09	.62	.13	17.0	1.99	3.63	24.10		.75	27.73	.17
	5551	223.2	224.9	1.7	100	400	2.92	.09	.29	.43	6.0	.48				.72		.60
	5552	224.9	226.7	1.8	100	4A0	2.92	.11	1.06	.64	16.0	.82				1.70		.38
	5553	226.7	227.5	.8	100	400	3.00	.17	.32	.38	9.0	.34				.70		.54
	5554	227.5	229.0	1.5	100	4L2	2.84	.01	.01	.01	1.0	1.51				.02		.50
	5555	229.0	230.5	1.5	100	4L2	2.82	.01	.01	.01	1.0	.96				.02		.50
	5556	230.5	232.0	1.5	100	4L2	2.86	.07	.01	.04	1.0	.07				.05		.80
	5557	232.0	233.5	1.5	100	4L2	2.93	.10	.14	.02	3.0	.21				.16		.13
	5558	236.9	238.5	1.6	94	4L2	2.91	.11	.08	.08	3.0	.07				.16		.50
	5559	238.5	240.1	1.6	100	4L2	2.89	.11	.30	.10	5.0	.21				.40		.25
	5560	240.1	241.7	1.6	87	4L2	3.04	.23	.28	.08	5.0	.21				.36		.22
	5561	241.7	243.3	1.6	100	4L2	2.96	.15	.07	.08	4.0	.21				.15		.53
	5562	243.3	244.9	1.6	100	4L2	2.90	.15	.05	.06	4.0	.27				.11		.55
	5563	244.9	246.7	1.8	94	4L2	2.87	.08	.02	.06	2.0	.14				.08		.75
	5564	246.7	248.4	1.7	100	4A0	3.02	.17	.38	.27	10.0	.34				.65		.42
	5565	248.4	249.6	1.2	100	4L2	2.91	.08	.05	.09	3.0	.07				.14		.64
	5566	250.1	251.1	1.0	90	4L2	2.89	.08	.04	.09	4.0	.07				.13		.69
	5567	251.1	252.1	1.0	70	4L2	2.96	.08	.05	.11	3.0	.07				.16		.69
	5568	252.1	252.9	.8	88	4L1	2.95	.09	.15	.15	5.0					.30		.50
	5569	252.9	254.0	1.1	91	4L2	2.91	.02	.33	.33	3.0					.66		.50
	5570	254.0	255.1	1.1	91	4L2	2.88	.03	.02	.02	1.0					.04		.50

DLH	SAMPLE	ROCK UNIT	CPY	NORMATIVE MINERALS - WEIGHT %						OTHER *	CPY	NORMATIVE MINERALS - VOLUME %							
				GA	SP	PC	PY	BAR	GA			SP	PC	PY	BAR	OTHER			
FAGA2C3	5489	4A0#	.03	.18	.92					98.86	*								
	5490	4E4#	.49	10.63	13.27	2.53	58.28			14.80	*	.52	6.31	14.78	2.45	51.94			23.99
	5491	4G4	.40	13.63	27.73	2.19	41.07			14.98	*	.42	7.91	30.16	2.07	35.74			23.70
	5492	4G4	.61	14.44	34.29	2.45	38.92			9.29	*	.65	8.62	38.37	2.39	34.85			15.12
	5493	4G4	.46	9.59	24.60	1.34	35.70			28.32	*	.44	5.06	24.34	1.15	28.26			40.76
	5494	4G4	.75	4.74	9.84	1.92	60.43			22.33	*	.75	2.64	10.30	1.75	50.59			33.98
	5495	4GD#4	.17	7.56	12.46	2.44	37.85			39.51	*	.16	3.79	11.70	1.99	28.42			53.95
	5496	4GD#4	.35	12.59	21.47	2.28	49.89			13.43	*	.37	7.47	23.87	2.20	44.38			21.71
	5497	4A0	.06	.24	.46					99.24	*								
	5498	4A0	.06	.91	2.50					96.53	*								
	5500	5C4*	.12	.59	.92					98.37	*								
	5501	4G4	.46	5.34	9.50	5.94	27.53			51.23	*	.38	2.49	8.29	4.51	19.23			65.09
	5502	4A4	.14	3.08	5.49	4.32	19.14			67.82	*	.11	1.32	4.39	3.01	12.25			78.93
	5503	4G4#	.69	9.97	12.84	1.09	49.89			25.53	*	.69	5.49	13.26	.97	41.23			38.36
	5504	4G0#	.98	6.70	12.37	1.04	55.91			22.99	*	.98	3.72	12.89	.94	46.61			34.85
	5505	4G0#	.64	4.04	8.50	1.49	56.13			29.20	*	.61	2.16	8.50	1.30	44.93			42.50
	5506	4C3	1.04	2.89	4.17	1.86	74.41			15.64	*	1.09	1.70	4.61	1.78	65.71			25.11
	5507	4A0	.09	.39	.81	1.15	14.84			82.73	*	.06	.16	.60	.74	8.84			89.60
	5508	4A0	.32	.52	.79	1.76	18.06			78.55	*	.23	.21	.60	1.16	10.98			86.81
	5509	4A0	.35	.29	.34					99.02	*								
	5510	4A0	.17	.13	.15					99.55	*								
	5511	4A0	.64	.05	.19					99.12	*								
	5512	4A0	.09	.02	.04					99.85	*								
	5513	4A0	.35	.02	.12					99.51	*								
	5514	4A0	.23	.10	.31					99.35	*								
	5515	4A3	.66	.46	.75					98.13	*								
	5516	4A0	.32	.02	.03					99.63	*								
	5517	4K#	.40	.46	.40					98.73	*								
	5518	4CLA	.58	1.36	1.62					96.43	*								
	5519	4L0	.32	1.14	.92					97.61	*								
	5520	4GC#	.52	3.23	4.03					92.22	*								
	5521	4GC#	.49	1.97	2.42					95.12	*								
	5522	4A0	.23	.16	.09					99.52	*								
	5523	4L2	.58	.13	.34					98.95	*								
	5524	4L2	.32	.35	.97					98.37	*								
	5525	4L2	.06	.20	.34					99.40	*								
	5526	4L2	.06	.08	.21					99.65	*								
	5527	4L2	.09	.27	.24					99.41	*								
	5528	4L2	.06	.27	.27					99.41	*								
	5529	4HL5	.55	2.23	3.01					94.21	*								
	5530	4L0	.03	.12	.39					99.47	*								
	5531	4A0	.03	.01	.06					99.90	*								
	5532	4A0	.03	.02	.03					99.92	*								
	5533	4L2	.06	.14	.46					99.34	*								
	5534	4L2	.06	.02	.09					99.83	*								
	5535	4L2	.12	.06	.01					99.81	*								
	5536	4L2	.06	.02	.03					99.89	*								
	5537	4L2	.12	.02	.03					99.83	*								
	5538	4L2	.12	.02	.03					99.83	*								
	5539	4G4	.49	5.77	8.35	8.07	46.67			30.65	*	.46	3.05	8.28	6.96	37.03			44.22
	5540	4D8	.72	4.50	5.81	11.01	40.86			37.09	*	.65	2.29	5.53	9.11	31.10			51.32
	5541	4D8	.61	3.87	4.41	9.28	65.38			16.46	*	.63	2.26	4.83	8.83	57.25			26.20
	5542	4C8	.87	1.48	1.33	12.61	52.69			31.03	*	.82	.78	1.31	10.84	41.65			44.60
	5543	4C8	.84	3.92	4.17	11.72	52.69			26.67	*	.81	2.13	4.25	10.38	42.93			39.51
	5544	4C8	.92	3.72	4.31	11.21	48.60			31.23	*	.87	1.96	4.26	9.63	38.41			44.88

DDH	SAMPLE	ROCK UNIT	NORMATIVE MINERALS - WEIGHT %							*	NORMATIVE MINERALS - VOLUME %						
			CPY	GA	SP	PC	PY	BAR	OTHER		CPY	GA	SP	PC	PY	BAR	OTHER
FAGA2C3	5545	4C8	.72	4.38	4.35	14.17	49.03		27.35	*	.70	2.37	4.41	12.48	39.74		40.30
	5546	4C8	.98	.84	.52	13.13	65.16		19.36	*	1.00	.48	.56	12.20	55.68		30.08
	5547	4C8	.69	1.27	.83	13.53	57.42		26.26	*	.67	.69	.35	11.99	46.84		38.95
	5548	4C8	.90	1.51	1.13	12.11	46.24		38.11	*	.81	.76	1.07	9.96	34.98		52.42
	5549	4G4	.49	6.06	7.38	11.07	33.55		41.45	*	.43	3.00	6.84	8.93	24.89		55.91
	5550	4C8	.26	.72	.19	5.71	51.83		41.29	*	.23	.36	.18	4.63	38.64		55.97
	5551	4C0	.26	.33	.64				98.76	*							
	5552	4A0	.32	1.22	.95				97.50	*							
	5553	4C0	.49	.37	.57				98.57	*							
	5554	4L2	.03	.01	.01				99.94	*							
	5555	4L2	.03	.01	.01				99.94	*							
	5556	4L2	.20	.01	.06				99.73	*							
	5557	4L2	.29	.16	.03				99.52	*							
	5558	4L2	.32	.09	.12				99.47	*							
	5559	4L2	.32	.35	.15				99.19	*							
	5560	4L2	.66	.32	.12				98.89	*							
	5561	4L2	.43	.08	.12				99.37	*							
	5562	4L2	.43	.06	.09				99.42	*							
	5563	4L2	.23	.02	.09				99.66	*							
	5564	4A0	.49	.44	.40				98.67	*							
	5565	4L2	.23	.06	.13				99.58	*							
	5566	4L2	.23	.05	.13				99.59	*							
	5567	4L2	.23	.06	.16				99.55	*							
	5568	4L1	.26	.17	.22				99.34	*							
	5569	4L2	.06	.38	.49				99.07	*							
	5570	4L2	.09	.02	.03				99.86	*							

DRILL HOLE : FAGA203
NORTHING : 904,679.0
EASTING : 592,465.0
ELEVATION : 1,269.6
TOTAL DEPTH : 279.8
SECTION : W 63
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: 81
NOS DOWN-H-SURVEYS: 9
NOS DOWN-H-LITHOLOGY: 68
NOS DOWN-H-STRUCTURE: 70
NOS DOWN-H-FAULTS: 28
NOS DOWN-H-SPLINES: 9
NOS COMPOSITES: 0

DDH: FAGA203 UTM-N: 904,679.0 UTM-E: 592,465.0 UTM-ELEV: 1,269.6 TOTAL DEPTH: 279.8 SECTION: W 63
 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 %	PE %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AL(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %
54.2	55.3	05489	1.1	1.1 4A0#	2.91	.01	.16	.62	5.00			.07						
68.6	69.3	05490	.7	.6 4E4#	4.46	.17	9.20	8.90	118.00			1.85	1	27	28			
69.7	71.2	05491	1.5	1.5 4G4	4.35	.14	11.80	18.60	156.00			.75	1	19	20			
71.2	72.7	05492	1.5	1.5 4G4	4.56	.21	12.50	23.00	155.00			.89	1	18	19			
72.7	74.2	05493	1.5	1.5 4G4	4.56	.16	8.30	16.50	111.00			.75		16	17			
74.2	75.7	05494	1.5	1.4 4G4	4.27	.26	4.10	6.60	83.00			1.37	1	28	29			
76.2	77.4	05495	1.2	1.2 4G0#4	3.76	.06	6.55	8.36	76.00	74.00		.69	1	17	19			
77.4	78.7	05496	1.3	1.2 4G0#4	4.57	.12	10.90	14.40	135.00			1.03	1	23	24			
84.4	86.0	05497	1.6	1.6 4A0	2.87	.02	.21	.31	5.00			.21						
86.0	89.2	05498	3.2	1.5 4A0	2.92	.02	.79	1.68	14.00			.34						
89.2	90.8	05500	1.6	1.4 5D4*	2.93	.04	.51	.62	15.00			.21						
104.2	105.9	05501	1.7	1.6 4G4	3.43	.16	4.62	6.37	86.00			.27	3	12	16			
105.9	106.8	05502	.9	.9 4A4	3.06	.05	2.67	3.68	40.00			.21	2	8	11			
106.8	103.3	05503	1.5	1.5 4G4#	4.67	.24	8.63	8.61	144.00			1.58		23	23			
108.3	109.8	05504	1.5	1.5 4G0#	4.75	.34	5.80	8.30	119.00			1.51		26	26			
109.8	111.4	05505	1.6	1.6 4G0#	4.50	.22	3.50	5.70	63.00			2.13		26	27			
111.4	112.4	05506	1.0	1.0 4C3	4.62	.36	2.50	2.80	52.00			1.99	1	34	35			
112.4	113.9	05507	1.5	1.4 4A0	2.84	.03	.34	.54	10.00			.14		6	7			
113.9	115.4	05508	1.5	1.3 4A0	2.89	.11	.45	.53	12.00			.34	1	8	9			
115.4	116.9	05509	1.5	1.3 4A0	2.83	.12	.25	.23	7.00			.21						
116.9	118.4	05510	1.5	1.5 4A0	2.88	.06	.11	.10	7.00			.21						
118.4	119.9	05511	1.5	1.5 4A0	2.85	.22	.04	.13	7.00			.21						
119.9	121.4	05512	1.5	1.5 4A0	2.83	.03	.02	.03	4.00			.07						
121.4	122.9	05513	1.5	1.5 4A0	2.90	.12	.02	.08	2.00			.21						
122.9	124.4	05514	1.5	1.4 4A0	2.81	.08	.09	.21	6.00			.21						
124.4	125.4	05515	1.0	1.0 4A3	3.32	.23	.40	.50	13.00			.27						
125.4	126.4	05516	1.0	1.0 4A0	2.90	.11	.02	.02	4.00			.14						
126.4	127.2	05517	.8	.7 4K#	3.68	.14	.40	.27	17.00			.21						
127.2	128.3	05518	1.1	.9 4DLA	3.45	.20	1.18	1.09	25.00			.41						
128.3	129.4	05519	1.1	1.1 4L0	2.98	.11	.99	.62	17.00			.62						
129.4	130.9	05520	1.5	1.4 4GC#	3.35	.18	2.80	2.70	32.00			.48						
130.9	132.3	05521	1.4	1.2 4GC#	3.59	.17	1.71	1.62	26.00			.27						
132.3	133.5	05522	1.2	.9 4A0	2.92	.08	.14	.06	5.00			.07						
133.5	134.7	05523	1.2	.6 4L2	2.98	.20	.11	.23	5.00			1.30						
134.7	136.0	05524	1.3	.8 4L2	3.06	.11	.30	.65	7.00			.27						
136.0	137.3	05525	1.3	.5 4L2	2.93	.02	.17	.23	3.00			.27						
184.9	186.3	05526	1.4	1.3 4L2	2.94	.02	.07	.14	2.00			.07						
186.3	187.7	05527	1.4	1.4 4L2	2.87	.03	.23	.16	3.00			.21						
187.7	189.1	05528	1.4	1.4 4L2	2.82	.02	.23	.18	3.00			.14						
189.1	190.8	05529	1.7	1.6 4HL5	3.68	.19	1.93	2.02	27.00			.14						
190.8	192.2	05530	1.4	1.4 4L0	2.86	.01	.10	.26	2.00			.14						
192.2	193.2	05531	1.0	.9 4A0	2.83	.01	.01	.04	1.00			.14						
193.2	194.3	05532	1.1	1.0 4A0	2.90	.01	.02	.02	1.00			.07						
197.5	198.9	05533	1.4	1.4 4L2	2.80	.02	.12	.31	2.00			.07						

CD: FAGA203 UTM-N: 9C4,679.0 UTM-E: 592,465.0 UTM-ELEV: 1,269.6 TOTAL DEPTH: 279.8 SECTION: W 63
 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 %
198.9	200.3	05534	1.4	1.4	4L2	2.88	.02	.02	.06	1.00								.14	
200.3	201.7	05535	1.4	1.4	4L2	2.85	.04	.05	.01	1.00								.07	
201.7	203.1	05536	1.4	1.4	4L2	2.97	.02	.02	.02	1.00								.14	
203.1	204.5	05537	1.4	1.4	4L2	2.94	.04	.02	.02	2.00								.14	
204.5	205.8	05538	1.3	1.3	4L2	2.84	.04	.02	.02	2.00								.07	
206.5	207.4	05539	.9	.9	4G4	4.14	.17	5.00	5.60	74.00	71.00	.69	5	21	26				
207.4	209.5	05540	1.1	.9	4D8	4.07	.25	3.90	3.90	55.00		.89	7	19	26				
208.5	210.0	05541	1.5	1.5	4D8	4.35	.21	3.35	2.96	40.00		.69	5	30	36				
210.0	211.5	05542	1.5	1.4	4C8	4.00	.30	1.28	.89	47.00		1.03	8	24	32				
211.5	213.0	05543	1.5	1.5	4D8	4.43	.29	3.39	2.80	47.00		.82	7	24	31				
213.0	214.8	05544	1.8	1.7	4D8	4.19	.32	3.22	2.89	61.00		1.10	7	22	29				
214.8	216.0	05545	1.2	1.2	4C8	4.21	.25	3.79	2.92	55.00		.82	9	22	31				
216.0	217.2	05546	1.2	1.2	4C8	4.26	.34	.73	.35	29.00		.82	8	30	38				
217.2	218.4	05547	1.2	1.2	4C8	4.35	.24	1.10	.56	35.00		.96	8	26	35				
218.4	219.7	05548	1.3	1.3	4C8	4.09	.31	1.31	.76	29.00		.89	7	21	29				
219.7	221.5	05549	1.8	1.8	4G4	4.43	.17	5.25	4.95	76.00	69.00	1.10	7	15	22				
221.5	222.4	05550	.9	.9	4C8	3.78	.09	.62	.13	17.00		1.99	3	24	27				
223.2	224.9	05551	1.7	1.7	4C0	2.92	.09	.29	.43	6.00		.48							
224.9	226.7	05552	1.8	1.8	4A0	2.92	.11	1.06	.64	16.00		.82							
226.7	227.5	05553	.8	.8	4C0	3.00	.17	.32	.38	9.00		.34							
227.5	229.0	05554	1.5	1.5	4L2	2.84	.01	.01	.01	1.00		1.51							
229.0	230.5	05555	1.5	1.5	4L2	2.82	.01	.01	.01	1.00		.96							
230.5	232.0	05556	1.5	1.5	4L2	2.86	.07	.01	.04	1.00		.07							
232.0	233.5	05557	1.5	1.5	4L2	2.93	.10	.14	.02	3.00		.21							
236.9	238.5	05558	1.6	1.5	4L2	2.91	.11	.08	.08	3.00		.07							
238.5	240.1	05559	1.6	1.6	4L2	2.89	.11	.30	.10	5.00		.21							
240.1	241.7	05560	1.6	1.4	4L2	3.04	.23	.28	.08	5.00		.21							
241.7	243.3	05561	1.6	1.6	4L2	2.96	.15	.07	.08	4.00		.21							
243.3	244.9	05562	1.6	1.6	4L2	2.90	.15	.05	.06	4.00		.27							
244.9	246.7	05563	1.8	1.7	4L2	2.87	.08	.02	.06	2.00		.14							
246.7	248.4	05564	1.7	1.7	4A0	3.02	.17	.38	.27	10.00		.34							
248.4	249.6	05565	1.2	1.2	4L2	2.91	.08	.05	.09	3.00		.07							
250.1	251.1	05566	1.0	.9	4L2	2.89	.08	.04	.09	4.00		.07							
251.1	252.1	05567	1.0	.7	4L2	2.96	.08	.05	.11	3.00		.07							
252.1	252.9	05568	.8	.7	4L1	2.95	.09	.15	.15	5.00									
252.9	254.0	05569	1.1	1.0	4L2	2.91	.02	.33	.33	3.00									
254.0	255.1	05570	1.1	1.0	4L2	2.88	.03	.02	.02	1.00									

WEIGHTED AVERAGE

54.2	55.3	1.1	1.1	2.91	.01	.16	.62	5.00				.07						
68.6	69.3	.7	.6	4.46	.17	9.20	8.90	118.00				1.85	1	27	28			
69.7	75.7	6.0	5.9	4.43	.19	9.17	16.17	126.25				.94	1	20	21			
76.2	78.7	2.5	2.4	4.18	.09	8.81	11.50	106.68	35.52			.86	1	20	22			
84.4	90.8	6.4	4.5	2.91	.02	.57	1.07	12.00				.27						
104.2	137.3	33.1	29.6	3.32	.14	1.58	1.95	30.15				.55	6	6				
184.9	194.3	9.4	9.0	3.01	.04	.44	.48	6.59				.13						

20MAR84 GRUM

CRE SAMPLES & ASSAYS (DHC20)

PAGE: 11

DDH: FAGA203 UTM-N: 904,679.0 UTM-E: 592,465.0 UTM-ELEV: 1,269.6 TOTAL DEPTH: 279.8 SECTION: W 63
 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 %	TOT FE	BAO %	HG %	MN %	AS %
197.5	205.8		8.3	8.3	2.88	.02	.04	.07	1.49			.10						
206.5	222.4		15.9	15.5	4.21	.25	2.83	2.46	48.45	11.83	.97	7	23	30				
223.2	233.5		10.3	10.3	2.89	.07	.28	.22	5.35			.64						
236.9	249.6		12.7	12.3	2.93	.13	.15	.10	4.55			.19						
250.1	255.1		5.0	4.3	2.91	.05	.11	.14	3.08			.02						

ZOMAR34 GRUM

DOWN-HOLE SURVEYS (DHO20)

PAGE: 12

DDH: FAGA203 UTM-N: 904,679.0 UTM-E: 592,465.0 UTM-ELEV: 1,209.6 TOTAL DEPTH: 279.8 SECTION: W 63
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
62.200	178.000	48.000
92.700	177.500	59.000
123.100	176.000	73.000
153.600	175.500	59.000
184.100	172.500	76.000
214.600	170.500	70.000
245.100	170.000	90.000
275.500	167.000	63.000

DDH: FAGA203 UTM-N: 904,679.0 UTM-E: 592,465.0 UTM-ELEV: 1,269.6 TOTAL DEPTH: 279.8 SECTION: W 63
 RFE: S2 RFE DIR: 230 FLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
48.6	OC01	#		0.5-	1
53.3	OC02	5A6		0.5-	1
54.2	OC03	5DC		0.5-	1
55.3	OC04	4AC#		0.5-	1
68.6	OC05	5AC	89	0.5-	1
69.3	OC06	4E4	8#	0.5-	1
69.7	OC07	5A6	?	0.5-	1
75.7	OC08	4G4	(4E4)MINOR & BXA (5D4*)MINOR	0.5-	1
76.2	OC09	5A6	89	0.5-	1
78.7	OC10	4G4#	(4D4) [4GC] (5D4*) MINOR	0.5-	1
84.4	OC11	5A9		0.5-	1
89.3	OC12	4A0		0.5-	1
90.8	OC13	5D4*		0.5-	1
104.2	OC14	5A9C		0.5-	1
105.9	OC15	4G4	(5D4*) MINOR	0.5-	1
106.8	OC16	4A4		0.5-	1
111.4	OC17	4G4	8C 8# (4D4) MINOR	0.5-	1
112.4	OC18	4C3	(4G4) MINOR (5D4*) MINOR	0.5-	1
126.4	OC19	4AC	(4C0)(4L0) BOTH MINOR [4AC?]	0.5-	1
127.2	OC20	4K4#	87 (5A0) MINOR	0.5-	1
127.9	OC21	4D#	6? SER. [4DL]	0.5-	1
128.3	OC22	4A0	(4C#0) MINOR	0.5-	1
129.4	OC23	4LC		0.5-	1
132.3	OC24	4G4	(4C8) (4K47#)	0.5-	1
133.5	OC25	4AC		0.5-	1
137.3	OC26	4L2		0.5-	1
141.3	OC27	5A0		0.5-	1
145.1	OC28	5A0		0.5-	1
146.6	OC29	5A0	89 MINOR	0.5-	1
149.2	OC30	5B6	(5B26) 89 MINOR	0.5-	1
154.8	OC31	5B68		0.5-	1
155.4	OC32	5DC	84	0.5-	1
162.2	OC33	5AC		0.5-	1
162.7	OC34	10QC		0.5-	1
184.9	OC35	5AC		0.5-	1
189.1	OC36	4L2	84 MINOR	0.5-	1
190.3	OC37	4H4		0.5-	1
190.8	OC38	4L4	(4L45) [5D4*]	0.5-	1
192.2	OC39	4LC	81 82	0.5-	1
194.3	OC40	4A0		0.5-	1
197.5	OC41	5B6	89 PY STRINGS	0.5-	1
205.8	OC42	4L2	87 86 MINOR [3G STRING?]	0.5-	1
206.5	OC43	5B6	(5B61)	0.5-	1
207.4	OC44	4G4#	81 88 (4A3) MINOR	0.5-	1
208.5	OC45	4D8	89 (4L4)	0.5-	1
214.4	OC46	4C8#	(4G4#) (4D4) BOTH MINOR	0.5-	1
214.8	OC47	4L1	82 87 MINOR	0.5-	1
219.7	OC48	4C89	(4G4) (4L2) (4A3) ALL MINOR	0.5-	1
221.5	OC49	4G4	88	0.5-	1
222.4	OC50	4C8	(4L28)	0.5-	1
223.2	OC51	5DC		0.5-	1

20MAR84 GRUM

DOWN-HOLE LITHOLOGY (DHC20)

DDH: FAGA203 UTM-N: 904,679.0 UTM-E: 592,465.0 UTM-ELEV: 1,269.6 TOTAL DEPTH: 279.8 SECTION: W 63
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	INC
223.5	OC52	4CC			
226.7	OC53	4AC		0.5-	1
227.5	OC54	4CO		0.5-	1
233.5	OC55	4L2	87 86	0.5-	1
236.9	OC56	5DC	[5C#]	0.5-	1
246.7	OC57	4L2	84 87 MINCR (5DC) MINOR	0.5-	1
248.4	OC58	4AO	89 MINOR	0.5-	1
249.6	OC59	4L2	84 87 MINCR	0.5-	1
250.1	OC60	5D4*		0.5-	1
252.1	OC61	4L2	84 87 MINOR	0.5-	1
252.9	OC62	4L1	BXA (5DC) MINCR	0.5-	1
255.1	OC63	4L2	84 87 MINCR	0.5-	1
256.6	OC64	4LC		0.5-	1
259.4	OC65	5A6		0.5-	1
260.0	OC66	3F1	BXA	0.5-	1
262.7	OC67	3FC	BIO	0.5-	1
279.8	OC68	3GC	BIO CHL GNT SCH (3FC)	0.5-	1

DDH: FAGA203 UTM-N: 904,679.0 UTM-E: 592,465.0 UTM-ELEV: 1,269.6 TOTAL DEPTH: 279.8 SECTION: W 63
 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
FAGA203	0.0	50.6	CS2		0	0	0	C	56	230	C		1	1	1
FAGA203	48.8	52.0	CS2	S	0	0	0	C	0	0	C		1	1	1
FAGA203	52.0	53.3	CS2	Z	0	0	0	C	0	0	C		1	1	1
FAGA203	0.0	53.7	CS2		0	0	0	C	59	230	C		1	1	1
FAGA203	53.3	54.2	CS2	P	0	0	0	C	0	0	C		1	1	1
FAGA203	54.2	55.3	CS2	Z	0	0	0	C	0	0	C		1	1	1
FAGA203	0.0	56.8	CS2		0	0	0	C	56	230	C		1	1	1
FAGA203	55.3	57.0	CS2	S	0	0	0	C	0	0	C		1	1	1
FAGA203	0.0	63.5	CS2		0	0	0	C	58	230	C		1	1	1
FAGA203	0.0	66.8	CS2		0	0	0	C	59	230	C		1	1	1
FAGA203	57.0	68.6	CS2	Z	0	0	0	C	0	0	C		1	1	1
FAGA203	68.0	78.7	PS2	P	0	0	0	C	0	0	C		1	1	1
FAGA203	0.0	79.3	CS2		0	0	0	C	57	230	C		1	1	1
FAGA203	0.0	83.1	CS2		0	0	0	C	49	230	C		1	1	1
FAGA203	78.7	84.7	CS2	Z	0	0	0	C	0	0	C		1	1	1
FAGA203	0.0	104.6	PS2		0	0	0	C	54	230	C		1	1	1
FAGA203	84.7	105.9	PS2	P	0	0	0	C	0	0	C		1	1	1
FAGA203	0.0	106.7	CS2		0	0	0	C	54	230	C		1	1	1
FAGA203	105.9	106.8	CS2	S	0	0	0	C	0	0	C		1	1	1
FAGA203	106.8	112.4	PS2	P	0	0	0	C	0	0	C		1	1	1
FAGA203	0.0	113.6	CS2		0	0	0	C	45	230	C		1	1	1
FAGA203	0.0	114.6	CS2		0	0	0	C	69	230	C		1	1	1
FAGA203	0.0	117.3	CS2		0	0	0	C	45	230	C		1	1	1
FAGA203	112.4	118.9	CS2	Z	0	0	0	C	0	0	C		1	1	1
FAGA203	0.0	123.7	CS2		0	0	0	C	43	230	C		1	1	1
FAGA203	118.9	123.7	CS2	S	0	0	0	C	0	0	C		1	1	1
FAGA203	0.0	125.8	CS2		0	0	0	C	41	230	C		1	1	1
FAGA203	123.7	126.4	CS2	Z	0	0	0	C	0	0	C		1	1	1
FAGA203	0.0	131.5	PS2		0	0	0	C	35	230	C		1	1	1
FAGA203	0.0	134.2	PS2		0	0	0	C	41	230	C		1	1	1
FAGA203	126.4	137.3	PS2	P	0	0	0	C	0	0	C		1	1	1
FAGA203	0.0	140.6	CS2		0	0	0	C	63	230	C		1	1	1
FAGA203	137.3	145.2	CS2	S	0	0	0	C	0	0	C		1	1	1
FAGA203	0.0	146.0	CS2		0	0	0	C	41	230	C		1	1	1
FAGA203	0.0	151.2	CS2		0	0	0	C	70	230	C		1	1	1
FAGA203	0.0	156.9	CS2		0	0	0	C	70	230	C		1	1	1
FAGA203	0.0	161.5	CS2		0	0	0	C	75	230	C		1	1	1
FAGA203	0.0	165.9	CS2		0	0	0	C	70	230	C		1	1	1
FAGA203	0.0	171.7	CS2		0	0	0	C	61	230	C		1	1	1
FAGA203	145.2	175.6	CS2	Z	0	0	0	C	0	0	C		1	1	1
FAGA203	0.0	176.4	CS2		0	0	0	C	80	230	C		1	1	1
FAGA203	0.0	182.8	CS2		0	0	0	C	78	230	C		1	1	1
FAGA203	175.6	182.9	CS2	S	0	0	0	C	0	0	C		1	1	1
FAGA203	0.0	188.7	CS2		0	0	0	C	67	230	C		1	1	1
FAGA203	182.9	189.2	CS2	Z	0	0	0	C	0	0	C		1	1	1
FAGA203	189.2	191.5	PS2	P	0	0	0	C	0	0	C		1	1	1
FAGA203	0.0	193.4	CS2		0	0	0	C	62	230	C		1	1	1
FAGA203	0.0	199.0	CS2		0	0	0	C	75	230	C		1	1	1
FAGA203	0.0	205.7	CS2		0	0	0	C	69	230	C		1	1	1
FAGA203	191.5	206.5	CS2	Z	0	0	0	C	0	0	C		1	1	1
FAGA203	0.0	217.9	PS2		0	0	0	C	72	230	C		1	1	1

DOH: FAGA203 UTM-N: 904,679.0 UTM-E: 592,465.0 UTM-ELEV: 1,209.6 TOTAL DEPTH: 279.8 SECTION: W 63
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DOH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	DIRECT	S1 ANGLE	DIRECT	S2 ANGLE	DIRECT	RFE	CDE	DHDC	SDC	PROCESS
FAGA203	0.0	219.5	PS2		0	0	0	C	45	230	C		1	1	1
FAGA203	0.0	221.3	PS2		0	0	0	C	77	230	C		1	1	1
FAGA203	206.5	222.4	PS2	P	0	0	0	C	0	0	C		1	1	1
FAGA203	0.0	223.9	CS2		0	0	0	C	76	230	C		1	1	1
FAGA203	222.4	224.6	CS2	S	0	0	0	C	0	0	C		1	1	1
FAGA203	224.6	226.7	CS2	Z	0	0	0	C	0	0	C		1	1	1
FAGA203	226.7	227.5	PS2	P	0	0	0	C	0	0	C		1	1	1
FAGA203	0.0	229.7	CS2		0	0	0	C	83	230	C		1	1	1
FAGA203	0.0	235.9	CS2		0	0	0	C	78	230	C		1	1	1
FAGA203	227.5	236.9	CS2	M	0	0	0	C	0	0	C		1	1	1
FAGA203	0.0	240.6	PS2		0	0	0	C	80	230	C		1	1	1
FAGA203	0.0	246.5	PS2		0	0	0	C	61	230	C		1	1	1
FAGA203	0.0	250.6	PS2		0	0	0	C	57	230	C		1	1	1
FAGA203	0.0	255.1	PS2		0	0	0	C	80	230	C		1	1	1
FAGA203	0.0	260.6	PS2		0	0	0	C	66	230	C		1	1	1
FAGA203	0.0	267.7	PS2		0	0	0	C	73	230	C		1	1	1
FAGA203	0.0	273.3	PS2		0	0	0	C	73	230	C		1	1	1
FAGA203	0.0	278.7	PS2		0	0	0	C	73	230	C		1	1	1
FAGA203	236.9	279.8	PS2	P	0	0	0	C	0	0	C		1	1	1

DDH: FAGA203 UTM-N: 904,679.0 UTM-E: 592,465.0 UTM-ELEV: 1,269.6 TOTAL DEPTH: 279.8 SECTION: W 63
 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
FAGA203	68.2	68.6	G		0	0	0	1
FAGA203	69.3	69.7	S		0	0	0	1
FAGA203	69.7	72.2	D?		0	0	0	1
FAGA203	72.6	73.1	D?		0	0	0	1
FAGA203	74.6	74.7	D?		0	0	0	1
FAGA203	76.1	76.2	G		0	0	0	1
FAGA203	84.7	104.2	G		0	0	0	1
FAGA203	113.2	113.4	G		0	0	0	1
FAGA203	116.7	117.0	G		0	0	0	1
FAGA203	124.3	124.6	G		0	0	0	1
FAGA203	127.9	128.3	B		0	0	0	1
FAGA203	132.2	132.3	D		0	0	0	1
FAGA203	136.8	137.3	G		0	0	0	1
FAGA203	138.2	139.6	GP		0	0	0	1
FAGA203	141.3	145.1	GP		0	0	0	1
FAGA203	149.2	149.7	G		0	0	0	1
FAGA203	177.7	177.8	S		0	0	0	1
FAGA203	184.2	184.3	S		0	0	0	1
FAGA203	189.1	190.3	D		0	0	0	1
FAGA203	192.8	193.0	S		0	0	0	1
FAGA203	215.8	216.1	D		0	0	0	1
FAGA203	241.7	242.0	G		0	0	0	1
FAGA203	252.1	252.9	X		0	0	0	1
FAGA203	252.9	253.3	S		0	0	0	1
FAGA203	253.8	253.9	S		0	0	0	1
FAGA203	254.6	254.8	S		0	0	0	1
FAGA203	255.1	259.4	GS		0	0	0	1
FAGA203	259.4	260.0	X		0	0	0	1

20MAR84 GRUM

DOWN-HOLE SPLINES (DHO20)

PAGE: 18

DDH: FAGA203 UTM-N: 904,679.0 UTM-E: 592,465.0 UTM-ELEV: 1,269.6 TOTAL DEPTH: 279.8 SECTION: W 63
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH SEGMENT NOS CCND INDICATOR

FAGA203	1	2
FAGA203	2	2
FAGA203	3	2
FAGA203	4	2
FAGA203	5	2
FAGA203	6	2
FAGA203	7	2
FAGA203	8	2
FAGA203	9	1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 80-A-203

Project: GRUM

Location: VADGORDA PLATEAU

Claim: _____

UTM Terr. Plane
Co-ords.: 6904679.006 N

CAMC Mine Survey
Co-ords.: 592464.999 E

Grid
Co-ords.: 63W/BL

Elevation: 1269.584

Total Depth: 279.8 m

Purpose: _____

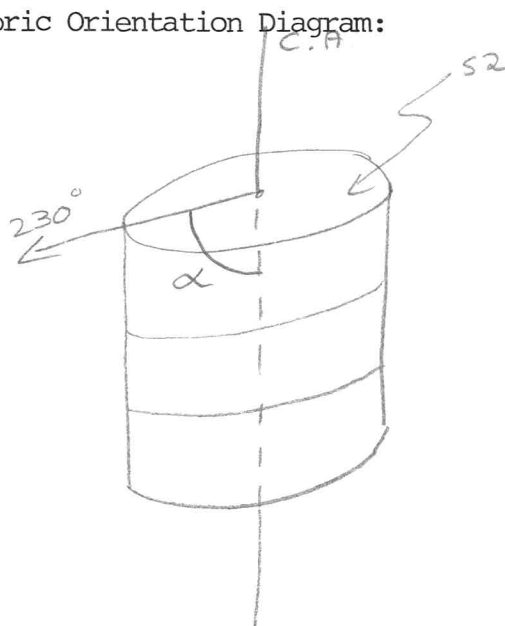
Logged by: PN

Date(s) Logged: OCT. 23-26, 1980

Drilling Contractor: Arctic D.D

Core:	Size	From	To	Collar Cased and Capped:
<u>NQ</u>	<u>0</u>	<u>180.4</u>		
<u>BQ</u>	<u>180.4</u>	<u>279.8</u>		

Fabric Orientation Diagram:



All symmetry determinations looking

NW with S2 dipping

SW with dip azimuth 230.

Started: SEPT. 13/80

Completed: SEPT. 24/80

Lithologic Log

Logged By: PN

Code	From	To	Unit	Code	Description
1	10 14 16 20	22 23 25 27			
L	100	148.8	1		o/s triconed
L	148.8	153.3	2	51A16	min. py blebs;
L	153.3	154.2	3	51D10	
L	154.2	155.3	4	41A10	w/ py & PbZn (<5%); calcarenous
L	155.3	168.6	5	51A10	w/ py stringers; gouge 68.2-68.6m;
L	168.6	169.3	6	4E14	5% PbZn; slightly calc. in spots;
L	169.3	169.7	7	5A16	(?) sheared;
L	169.7	175.7	8	4G14	4E4 69.7-69.8m; 4cm. of calcarenous SD4 w/ manposite at 69.8m; 15% PbZn; brecciated 69.7-72.2, 72.6-73.1m; 74.6-74.7m;
L	175.7	176.2	9	51A16	w/ py stringers; gouge 76.1-76.2m;
L	176.2	178.7	10	41G1D	OPD 76.2-76.4m; ^{5B6} w/ min py stringers 76.4-76.6m; calcarenous 4G4 interbanded w/ 4D4; 10% PbZn; honey-coloured sph in 4G; red in 4D; few narrow bands of bleached SD4 w/ manposite;
L	178.7	184.4	11	5A19	py stringers;
L	184.4	189.3	12	41A14	? gouge; intact core ^{pieces} contain 5% PbZn;
L	189.3	190.8	13	5D14	bleached calcarenous SD4 w/ manposite; gouge; min interbands of 4G4;
L	190.8	110.42	14	5A19	gouge; min py blebs; calcarenous;
L	110.42	110.59	15	41G14	10% PbZn; min interbands of SD4 (as unit 13); calcarenous;
L	110.59	110.68	16	41A14	min opy stringers; 5% PbZn;
L	110.68	111.14	17	41G14	4D4 bands 106.8-107.0m; calcarenous; honey-coloured sph;
L	111.14	111.24	18	41C10	w/ min PbZn bands; few 4G4 bands; SD4 w/ manposite 112.2-112.3m;
L	111.24	112.64	19	41A13	min PbZn; gouge 113.2-113.4m; 4C0 gouge 116.7-117.0m; 4U 120.8-121.0m; min po blebs; 4C0 123.2-123.4m; gouge 124.3-124.6m; 4C0 125.0-125.3m;
L	112.64	112.72	20	41K14	minor opy stringers; calcarenous; 4K4?; min SAO at 127.0m;
L	112.72	112.79	21	41D14	senite interbanded w/ 4D4 (5% PbZn); calcarenous; (barite-bearing?)

Lithologic Log

Code	From		To		Unit	Code	Description
	10	14	16	20	22 23	25 27	
L	1127	9	1128	3	22	41A13	broken core ^{calcareous} w/ 400 128.2-128.3m;
L	1128	3	1129	4	23	41L10	min py, PbZn; 000 129.0-129.3m;
L	1129	4	1132	3	24	41G10	4G4 interbanded w/ 408; calcareous 4K47 (as unit 20) w/ 4L clasts 132.2-132.3m;
L	1132	3	1133	5	25	41A3	
L	1133	5	1137	3	26	41L2	gouge 136.8-137.3m;
L	1137	3	1141	3	27	5A10	4L2 (as unit 26) 138.1-138.2m; 4L gouge 138.2-138.4m; 5A gouge 138.4-139.6m (poor core recovery);
L	1141	3	1145	1	28	5A10	gouge; poor recovery
L	1145	1	1146	6	29	5A10	min py stringers;
L	1146	6	1149	2	30	5B6	5B26; min py stringers;
L	1149	2	1154	8	31	5B6	gouge 149.2-149.7m; min py, po blebs; chloritic;
L	1154	8	1155	4	32	5D10	min manganese blebs
L	1155	4	1162	2	33	5A10	min py blebs; calcareous;
L	1162	2	1162	7	34	000	
L	1162	7	1184	9	35	5A10	as unit 33; min py, po blebs; sheared 177.7- 177.8m; 184.2-184.3m;
L	1184	9	1189	1	36	41L2	w/ min PbZn, po;
L	1189	1	1190	3	37	41H4	5% PbZn; small quartzitic clasts (subangular);
L	1190	3	1190	8	38	41L4	4L45
L	1190	8	1192	2	39	41L4	min l py stringers & blebs assoc. w/ qtz bands; min PbZn, po blebs;
L	1192	2	1194	3	40	41A3	sheared 192.8-193.0m; 000 193.6-193.8m;
L	1194	3	1197	5	41	5B6	min py stringers assoc. w/ qtz lenses;
L	1197	5	1206	8	42	41L2	min po bands; locally chloritic w/ qtz; dk. brown bands due to incomplete bleaching? ^{2cm ht-calc. band} at 203.5m;
L	1205	8	1206	5	43	5B6	5B61
L	1206	5	1207	4	44	41G4	4A3 206.5-206.6m; 10% PbZn; calcareous; min py wt bands (408);
L	1207	4	1208	5	45	41D8	min cpy stringers; 4L4 208.0-208.1m;
L	1208	5	1214	4	46	41C3	slightly calcareous; interbands of calcareous 4G4; qtz-bant(?) band w/ py stringers 210.8-210.9m; 404 210.9-211.1m;
L	1214	4	1214	8	47	41L1	min py, po blebs;
L	1214	8	1219	7	48	41C3	cpy stringers; min 4G4 interbands; large

Lithologic Log

Code	From	To	Unit	Code	Description
	10 14 16 20	22 23 25 27			
					4L clasts 215.8-216.1m; 4L2 219.2-219.3, 219.4-219.5; 4A3 219.3-219.4m;
L	219.7	221.5	49	4B.4	4G48; 10% PbZn; honey-colored sph; 00owl cpy stringers 220.2-220.3m;
L	221.5	222.4	50	4C.8	4L2.8 221.8-222.0m;
L	222.4	223.2	51	5D0	minn po blebs (<5%);
L	223.2	223.5	52	4C0	3% PbZn;
L	223.5	226.7	53	4A3	
L	226.7	227.5	54	4C10	
L	227.5	233.5	55	4L2	minn po bands; locally chloritic; <2% PbZn; scattered qtz lenses;
L	233.5	236.9	56	5D0	mottled; qtz-calc. layers interbedded w/ chl.;
L	236.9	241.6	57	4L12	minn PbZn; gouge 241.7-242.0m; 5D0 242.1-242.2m;
L	241.6	248.4	58	4A3	minn cpy stringers;
L	248.4	249.6	59	4L2	as unit 57;
L	249.6	250.1	60	5D14	abundant manposite; calcareous; tufaceous(?); manposite, chl. layers alternating w/ qtz-calc. layers;
L	250.1	252.1	61	4L2	as unit 57;
L	252.1	252.9	62	4L11	brecciated; qtz clasts in sericitic, -calc-sulph matrix; few 5D0 bands (as unit 60);
L	252.9	255.1	63	4L2	as unit 57; sheared 252.9-253.3m, 253.8- 253.9, 254.6-254.8m;
L	255.1	256.6	64	4L10	gouge & shear; graphitic 256.2-256.3m;
L	256.6	259.4	65	5A1b	very slightly calcareous; minn py stringers; gouge & shear;
L	259.4	260.0	66	3F.1	brecciated;
L	260.0	262.7	67	3F.0	w/ bt bands; minn po blebs;
L	262.7	274.8	68	3G.0	small calcareous blebs (<2mm) 263.2-263.5m; 3F0 (as unit 67) 263.7-263.9m; bt-chl-qtz schist; 5mm thick qtz band at 271.7m w/ elongated qtz edges of qtz band; chloritic band w/ large qtz (<1cm) 274.2-274.4m; chloritic band w/ po stringers 274.6-274.8m;
		50.11			

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	36	
S			506	CSZ			56	230	
S			520	FZE					Z sym. 52.0 - 53.3 m;
S			533	FRZ					R region 53.3 - 54.2 m;
S			537	CSZ			59	230	
S			542	FZR					Z sym. 54.2 - 55.3 m;
S			553	FRZ					S sym. 55.3 - 57.0 m
S			568	CSZ			56	230	
S			570	FZE					Z sym. 57.0 - 68.6 m;
S			635	CSZ			58	230	
S			668	CSZ			59	230	
S			686	FRZ					R region 68.6 - 78.7 m; 95% massive sulph;
S			787	FZR					Z sym. 78.7 - 84.7 m;
S			793	CSZ			57	230	
S			831	CSZ			49	230	
S			847	FRZ					R region 84.7 - 105.9 m; pouce 84.7 - 104.2 m; massive sulph. 104.2 - 105.9 m;
S			1046	PSZ			54	230	
S			1059	FZR					S sym 105.9 - 106.8 m; few symmetry determinations available;
S			11067	CSZ			54	230	
S			11068	FZS					R region 106.8 - 112.4 m; massive sulph;
S			11124	FZR					Z sym. 112.4 - 118.9 m;
S			11136	CSZ			45	230	
S			11146	CSZ			69	230	
S			11173	CSZ			45	230	
S			11189	FRZ					S sym. 118.9 - 123.7 m;
S			11237	CSZ			43	230	
S			11237	FZE					Z sym. 123.7 - 126.4 m;
S			11258	CSZ			41	230	
S			1264	FRZ					R region 126.4 - 137.3 m;
S			1311	PSZ			35	230	
S			1342	PSZ			41	230	
S			1373	FZR					S sym. 137.3 - 145.2 m;

Code	From		To	Feature	SYE	S ₁		S ₂		Description
	10	14 16	20 22 24 26 28			Dip	Direct.	Dip	Direct.	
S			11410	CSZ				63	230	
S			11452	FZE						Z sym. 145.2 - 175.6m;
S			11460	CSZ				41	230	
S			11512	CSZ				70	230	
S			11569	CSZ				70	230	
S			11615	CSZ				75	230	
S			11659	CSZ				70	230	
S			11717	CSZ				61	230	
S			11756	FZB						S sym. 175.6 - 182.9m;
S			11764	CSZ				80	230	
S			11828	CSZ				78	230	
S			11829	FZE						Z sym. 182.9 - 189.2m;
S			11887	CSZ				67	230	
S			11892	FZE						R region 189.2 - 191.5m; ^{2/3} mass. sulph
S			11915	FZR						Z sym. 191.5 - 206.5m;
S			11934	CSZ				62	230	
S			11990	CSZ				75	230	
S			12057	CSZ				69	230	
S			12065	FZE						R region 206.5 - 222.4m; massive sulph; minor Z sym;
S			12179	PSZ				72	230	
S			12195	PSZ				45	230	
S			12213	PSZ				77	230	
S			12224	FZR						S sym. 222.4 - 224.6m;
S			12239	CSZ				76	230	
S			12246	FZE						Z sym. 224.6 - 226.7m;
S			12267	FZE						R region: 226.7 - 227.5m;
S			12275	FZR						M region: 227.5 - 236.9m; ^{5/8} = ^{3/2} ;
S			12297	CSZ				83	230	
S			12359	CSZ				78	230	
S			12369	FZM						R region 236.9 - 249.8m; 40% mass. sulph;
S			12406	PSZ				80	230	
S			12465	PSZ				61	230	
S			12506	PSZ				57	230	

Code	From		To		Sample No.	Description			
	10	14	16	20		22	27	LENGTH	RECOVERY
P	154	2	155	3	5489		1.1	1.1	4A0
P	168	6	169	3	5490		0.7	0.6	4E4
P	169	7	171	2	5491		1.5	1.5	4G4
	171	2	172	7	54912		1.5	1.5	4G4
	172	7	174	2	54913		1.5	1.5	4G4
	174	2	175	7	54914		1.5	1.4	4G4
P	176	2	177	4	54915		1.2	1.2	4G0
F	177	4	178	7	54916		1.3	1.2	4G0
P	184	4	186	0	54917		1.6	1.6	4A4 (sample w/ spoon)
P	186	0	189	2	54918		3.2	1.5	4A4
									4A4
P	189	2	190	8	55010		1.6	1.4	5D4 / 4G4
P	1104	2	1105	9	55011		1.7	1.6	4G4
P	1105	9	1106	8	55012		0.9	0.9	4A4
P	1106	8	1108	3	55013		1.5	1.5	4G4
P	1108	3	1109	8	55014		1.5	1.5	4G4
P	1109	8	1111	4	55015		1.6	1.6	4G4
P	1111	4	1112	4	55016		1.0	1.0	4C0
P	1112	4	1113	9	55017		1.5	1.4	4A3
P	1113	9	1115	4	55018		1.5	1.3	4A3
P	1115	4	1116	9	55019		1.5	1.3	4A3
P	1116	9	1118	4	55110		1.5	1.5	4A3
P	1118	4	1119	9	55111		1.5	1.5	4A3
P	1119	9	1121	4	55112		1.5	1.5	4A3
P	1121	4	1122	9	55113		1.5	1.5	4A3
P	1122	9	1124	4	55114		1.5	1.4	4A3
F	1124	4	1125	4	55115		1.0	1.0	4A3
P	1125	4	1126	4	55116		1.0	1.0	4A3
P	1126	4	1127	2	55117		0.8	0.7	4K4
P	1127	2	1128	3	55118		1.1	0.9	4DL / 4A3
P	1128	3	1129	4	55119		1.1	1.1	4L0

Code	From		To		Sample No.		Description		
	10	14	16	20	22	27	LEAD	COPPER	UNIT
P	1129	4	1130	9	155210		1.5	1.4	4GC
P	1130	9	1132	3	155211		1.4	1.2	4GC
P	1132	3	1133	5	155212		1.2	0.9	4A3
P	1133	5	1134	7	155213		1.2	0.6	4C2
P	1134	7	1136	0	155214		1.3	0.8	4C2
P	1136	0	1137	3	155215		1.3	0.5	4C2
P	1184	9	1186	3	155216		1.4	1.3	4C2
P	1186	3	1187	7	155217		1.4	1.4	4C2
P	1187	7	1189	1	155218		1.4	1.4	4C2
P	1189	1	1190	8	155219		1.7	1.6	4H4 / 4L4
P	1190	8	1192	2	155310		1.4	1.4	4C0
P	1192	2	1193	2	155311		1.0	0.9	4A3
P	1193	2	1194	3	155312		1.1	1.0	4A3
P	1197	5	1198	9	155313		1.4	1.4	4C2
P	1198	9	1200	3	155314		1.4	1.4	4C2
P	1200	3	1201	7	155315		1.4	1.4	4C2
P	1201	7	1203	1	155316		1.4	1.4	4C2
P	1203	1	1204	5	155317		1.4	1.4	4C2
P	1204	5	1205	8	155318		1.3	1.3	4C2
P	1206	5	1207	4	155319		0.9	0.9	4G4
P	1207	4	1208	5	155410		1.1	0.9	4DB
P	1208	5	1210	0	155411		1.5	1.5	4C8
P	1210	0	1211	5	155412		1.5	1.4	4C8
P	1211	5	1213	0	155413		1.5	1.5	4C8
P	1213	0	1214	8	155414		1.8	1.7	4C8 / 4L1
P	1214	8	1216	0	155415		1.2	1.2	4C8
P	1216	0	1217	2	155416		1.2	1.2	4C8
P	1217	2	1218	4	155417		1.2	1.2	4C8
P	1218	4	1219	7	155418		1.3	1.3	4C8
P	1219	7	1221	5	155419		1.8	1.8	4G4
P	1221	5	1222	4	155510		0.9	0.9	4C8
P	1223	2	1224	9	155511		1.7	1.7	4C0 / 4A3

DDH F.A.G.A.203
 2 8
 Meters

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	22	24	26	28			Dip	Direct.	Dip	Direct.	Dip	Direct.	
F	68	2	68	6	G												
F	69	3	69	7	S												
F	69	7	72	2	D _P												
F	72	6	73	1	D _P												
F	74	6	74	7	D _P												
F	76	1	76	2	G												
F	84	7	104	2	G												
F	111	3	111	4	G												
F	111	6	111	7	G												
F	124	3	124	6	G												
F	127	9	128	3	B												
F	132	2	132	3	D												
F	136	8	137	3	G												
F	138	2	139	6	GP												
F	141	3	145	1	GP												
F	149	2	149	7	G												
F	177	7	177	8	S												
F	184	2	184	3	S												
F	189	1	190	3	D												
F	192	8	193	0	S												
F	215	8	216	1	D												
F	241	7	242	0	G												
F	252	1	252	9	X												
F	252	9	253	3	S												
F	253	8	253	9	S												
F	254	6	254	8	S												
F	255	1	259	4	GS												
F	259	4	260	0	X												

DDH: FAGA203 -- 42 DEGREE PROFILE

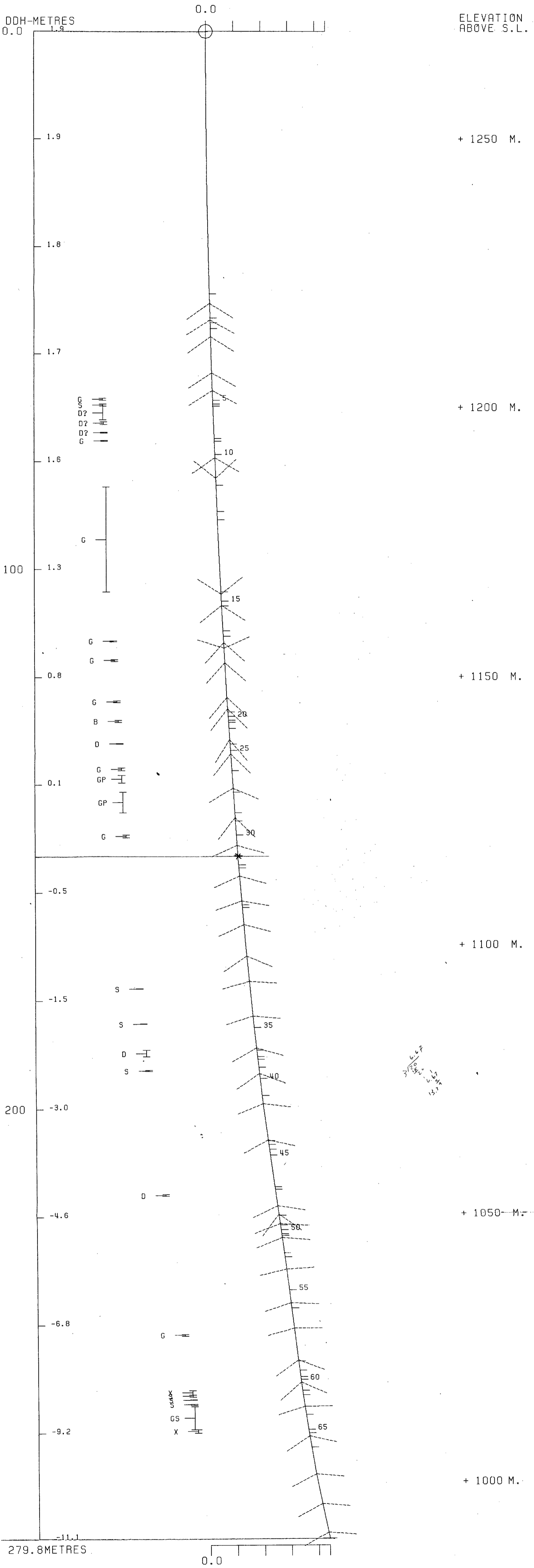
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1270 592465E ; 904679N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 374.8 Z = 1270.0

SECTION NAME: 63W



DDH: FAGA203 -- 42 DEGREE PROFILE

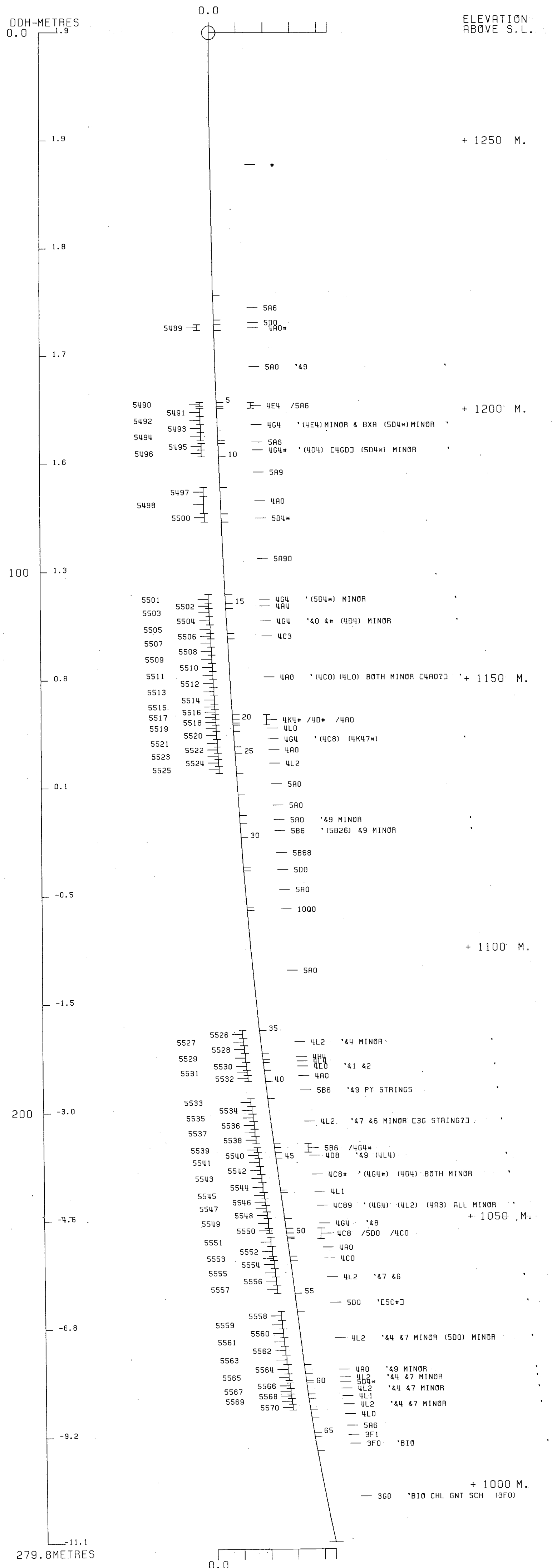
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1270 592465E ; 904679N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 374.8 Z = 1270.0

SECTION NAME: 63W



80 A204

DCR	SAMPLE	---DEPTHS---		INT M	REC %	ROCK UNIT	S.G.	CU %	PB %	ZN %	AG G/MT	AU G/MT	PC %	PY %	BAC %	PB+ZN %	PC+PY %	ZN RATIO
		FROM	TO															
FAGAZC4	5580	100.5	102.0	1.5	100	4L2	2.94	.06	.69	.68	13.0	.27				1.37		.50
	5581	102.0	103.5	1.5	100	4L2	2.85	.04	.42	.61	5.0	.14				1.03		.59
	5582	103.5	105.0	1.5	100	4L2	2.85	.04	1.06	.32	10.0	.55				1.38		.23
	5583	105.0	106.6	1.6	100	4L2	2.83	.03	.55	.26	6.0	.75				.81		.32
	5584	106.6	108.2	1.6	69	4L2	2.88	.03	1.12	.51	13.0	.27				1.63		.31
	5585	108.2	109.7	1.5	93	4AC	2.85	.04	.03	.05	2.0	.21				.08		.63
	5586	109.7	111.3	1.6	94	4AC	2.82	.03	.04	.13	1.0	.14				.17		.76
	5587	111.3	112.1	.8	100	4C0	3.01	.07	.04	.17	4.0	.34				.21		.81
	5588	112.1	113.6	1.5	100	4L2	2.88	.04	.06	.13	15.0	.21				.19		.68
	5589	113.6	115.1	1.5	100	4L2	2.83	.02	.17	.10	4.0	.14				.27		.37
	5590	115.1	116.7	1.6	100	4L2	2.91	.02	.43	.09	6.0	.41				.52		.17
	5591	116.7	118.3	1.6	94	4L2	2.84	.01	.27	.15	4.0	.07				.42		.36
	5592	118.3	134.9	1.3	100	4AC	2.98	.17	.13	.37	5.0	.75				.50		.74
	5593	134.9	138.2	1.3	85	4AC	3.08	.15	.12	.56	5.0	.34				.68		.82
	5594	138.2	139.5	1.3	62	4AC	2.93	.10	.18	.35	6.0	.34				.53		.66
	5595	139.5	140.9	1.4	79	4AC	2.87	.07	.02	.32	2.0	.14				.34		.94
	5596	140.9	142.3	1.4	100	4AC	3.02	.13	.02	.14	4.0	.48				.16		.87
	5597	142.3	144.4	1.5	93	4AC	2.90	.04	.14	.26	4.0	.14				.40		.65
	5598	144.4	145.9	1.5	100	4AC	2.92	.09	.10	.30	5.0	.21				.40		.75
	5599	145.9	147.3	1.4	100	4AC	2.96	.11	.50	1.07	14.0	.41				1.57		.68
	5600	147.3	148.7	1.4	100	4AC	2.91	.02	1.55	3.00	35.0	.41				4.55		.66
	5601	148.7	150.1	1.4	86	4AC	2.93	.01	.69	1.53	14.0	.34				2.22		.69
	5602	166.8	168.4	1.6	100	4L2	2.97	.05	1.23	1.05	15.0	.21				2.28		.46
	5603	168.4	170.1	1.7	100	4L2	2.83	.06	.43	.22	9.0	.14				.65		.34
	5604	171.7	172.6	.9	100	4G4	4.55	.02	4.30	6.50	59.0	.41				10.80		.60
	5605	178.0	179.2	1.2	100	4A3	3.21	.02	2.60	4.40	43.0	.55	1.50	12.50		7.00	14.00	.63
	5606	179.2	180.6	1.4	100	4G4	4.54	.16	5.80	8.70	98.0	1.58	.58	17.30		14.50	17.88	.60
	5607	180.6	181.9	1.3	100	4G4	4.63	.07	5.10	8.50	76.0	.82	1.13	15.00		13.60	16.13	.63
	5608	181.9	183.2	1.3	92	4E4	4.50	.21	2.70	2.40	33.0	1.10	3.40	33.80		5.10	37.20	.47
	5609	183.2	184.5	1.3	92	4E0	4.33	.32	1.39	1.40	23.0	4.25	3.06	31.40		2.79	34.46	.50
	5610	184.5	186.2	1.7	65	4G4#	4.27	.16	7.20	11.00	117.0	.41	1.87	20.00		18.20	21.87	.60
	5611	186.2	187.5	1.3	100	4E0#	4.29	.27	2.11	2.60	35.0	3.09	2.90	30.30		4.71	33.20	.55
	5612	187.5	188.8	1.3	92	4E0#	4.23	.26	.92	.56	20.0	1.03	4.09	31.40		1.48	35.49	.38
	5613	188.8	190.0	1.2	100	4C8	4.41	.34	1.24	1.59	22.0	1.37	8.02	26.60		2.83	34.62	.56
	5614	190.0	191.2	1.2	100	4C8	4.29	.20	.59	.23	12.0	1.17	3.64	30.80		.82	34.44	.28
	5615	191.2	192.3	1.1	82	4D8	3.71	.25	3.40	3.80	53.0	1.30	3.22	20.20		7.20	23.42	.53

DEF	SAMPLE	ROCK UNIT	NORMATIVE MINERALS - WEIGHT %							*	NORMATIVE MINERALS - VOLUME %									
			CPY	GA	SP	PO	PY	BAR	OTHER		CPY	GA	SP	PO	PY	BAR	OTHER			
FAGA2C4	5580	4L2	.17	.80	1.01					98.02	*									
	5581	4L2	.12	.49	.91					98.49	*									
	5582	4L2	.12	1.22	.48					98.18	*									
	5583	4L2	.09	.64	.39					98.89	*									
	5584	4L2	.09	1.29	.76					97.86	*									
	5585	4A0	.12	.03	.07					99.78	*									
	5586	4A0	.09	.05	.19					99.67	*									
	5587	4C0	.20	.05	.25					99.50	*									
	5588	4L2	.12	.07	.19					99.62	*									
	5589	4L2	.06	.20	.15					99.60	*									
	5590	4L2	.06	.50	.13					99.31	*									
	5591	4L2	.03	.31	.22					99.44	*									
	5592	4A0	.49	.15	.55					98.81	*									
	5593	4A0	.43	.14	.83					98.59	*									
	5594	4A0	.29	.21	.52					98.98	*									
	5595	4A0	.20	.02	.48					99.30	*									
	5596	4A0	.38	.02	.21					99.39	*									
	5597	4A0	.12	.16	.39					99.34	*									
	5598	4A0	.26	.12	.45					99.18	*									
	5599	4A0	.32	.58	1.60					97.51	*									
	5600	4A0	.06	1.79	4.47					93.68	*									
	5601	4A0	.03	.80	2.28					96.89	*									
	5602	4L2	.14	1.42	1.57					96.87	*									
	5603	4L2	.17	.50	.33					99.00	*									
	5604	4E4	.06	4.97	9.69					85.29	*									
	5605	4A3	.06	3.00	6.56	2.36	26.88			61.14	*	.05	1.33	5.43	1.70	17.82				73.68
	5606	4E4	.46	6.70	12.97	.91	37.20			41.75	*	.41	3.30	11.98	.73	27.49				56.09
	5607	4E4	.20	5.89	12.67	1.78	32.26			47.20	*	.17	2.80	11.31	1.38	23.04				61.29
	5608	4E4	.61	3.12	3.58	5.35	72.69			14.66	*	.64	1.85	3.98	5.17	64.65				23.71
	5609	4E0	.92	1.61	2.09	4.81	67.53			23.04	*	.92	.90	2.18	4.38	56.54				35.08
	5610	4E4#	.46	8.32	16.40	2.94	43.01			28.87	*	.44	4.42	16.36	2.55	34.33				41.90
	5611	4E0#	.78	2.44	3.88	4.56	65.16			23.19	*	.78	1.36	4.05	4.14	54.45				35.23
	5612	4E0#	.75	1.06	.83	6.43	67.53			23.39	*	.75	.59	.87	5.84	56.41				35.53
	5613	4C8	.98	1.43	2.37	12.61	57.20			25.40	*	.96	.78	2.43	11.22	46.82				37.80
	5614	4C8	.58	.68	.34	5.72	66.24			26.44	*	.56	.37	.35	5.10	54.25				39.37
	5615	4C8	.72	3.93	5.67	5.06	43.44			41.18	*	.64	1.95	5.27	4.10	32.33				55.72

DRILL HOLE	:	FAGA2C4
NORTHING	:	904,769.8
EASTING	:	592,548.2
ELEVATION	:	1,277.9
TOTAL DEPTH	:	254.8
SECTION	:	W 63
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:	36
NOS DOWN-H-SURVEYS:	8
NOS DOWN-H-LITHOLOGY:	58
NOS DOWN-H-STRUCTURE:	55
NOS DOWN-H-FAULTS:	29
NOS DOWN-H-SPLINES:	8
NOS COMPOSITES:	0

20MAR84 GRUM

DOWN-HOLE SURVEYS (DHD20)

DDH: FAGA204 UTM-N: 904,769.8 UTM-E: 592,548.2 UTM-ELEV: 1,277.9 TOTAL DEPTH: 254.8 SECTION: W 63
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
66.800	178.500	113.000
97.200	176.000	87.000
127.700	172.000	81.000
158.200	172.000	73.000
188.700	172.000	67.000
219.100	172.500	55.000
249.600	172.500	54.000

DDH: FAGA204 UTM-N: 904,769.8 UTM-E: 592,548.2 UTM-ELEV: 1,277.9 TOTAL DEPTH: 254.8 SECTION: W 63
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
35.2	0001	#		0.5-	1
35.6	0002	5B6	[3G STR]	0.5-	1
36.2	0003	4LC		0.5-	1
44.3	0004	5B6		0.5-	1
45.9	0005	4LC	(5D0)	0.5-	1
48.8	0006	5B6		0.5-	1
55.3	0007	4L2	(5B6)	0.5-	1
59.3	0008	5B6	(4LC)	0.5-	1
62.1	0009	4LC	(5D4*)	0.5-	1
69.3	0010	5B6	(4LC) [3G STR?]	0.5-	1
72.9	0011	4L2		0.5-	1
74.3	0012	3B3	BIO	0.5-	1
77.7	0013	4LC	? [3G STR]	0.5-	1
78.7	0014	3B3	BIO	0.5-	1
79.4	0015	4LC		0.5-	1
80.2	0016	3B3	BIO	0.5-	1
80.7	0017	4LC		0.5-	1
82.4	0018	3B3	BIO	0.5-	1
88.2	0019	4LC		0.5-	1
89.3	0020	5B6	9 P0 [3G STR]	0.5-	1
94.2	0021	4LC	81 82 MINOR	0.5-	1
94.9	0022	5B6		0.5-	1
96.4	0023	4LC	82 87 MINOR	0.5-	1
99.7	0024	5B6		0.5-	1
100.5	0025	4LC		0.5-	1
108.2	0026	4L2	87 84 MINOR	0.5-	1
111.3	0027	4A0	(5D4*)	0.5-	1
112.1	0028	4C0	8 SER (4 A3)	0.5-	1
118.3	0029	4L2		0.5-	1
133.6	0030	5B6	89 -> 4L [3G STR]	0.5-	1
142.3	0031	4A0		0.5-	1
142.9	0032	5D4*	[5C4*]	0.5-	1
150.1	0033	4A0		0.5-	1
166.8	0034	5B6	82 (4L15 [5D4*])	0.5-	1
170.1	0035	4L2	81 (4D4)	0.5-	1
171.1	0036	5D0		0.5-	1
171.7	0037	4LC	82 MINOR	0.5-	1
172.6	0038	4G4	(4C0 MINOR)	0.5-	1
173.6	0039	4LC		0.5-	1
178.0	0040	5B6		0.5-	1
179.2	0041	4A3	(4C0) MINOR	0.5-	1
181.9	0042	4G4		0.5-	1
184.5	0043	4EC#	BXA 84 & POROUS	0.5-	1
186.2	0044	4G4#	PCROUS	0.5-	1
188.8	0045	4EC#	& POROUS BXA	0.5-	1
192.3	0046	4C83	-> 4D83	0.5-	1
195.9	0047	5B6	(4LC) MYLONITE	0.5-	1
197.6	0048	3C4*		0.5-	1
201.8	0049	5A0		0.5-	1
203.3	0050	3G4?		0.5-	1
207.4	0051	3G4B	& GNT & STAUR.	0.5-	1

DDH: FAGA204 UTM-N: 904,769.8 UTM-E: 592,548.2 UTM-ELEV: 1,277.9 TOTAL DEPTH: 254.8 SECTION: W 63
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	INC
209.1	OC52	3G8	BIO. CHL. GNT. SCHIST	0.5-	1
223.4	OC53	3G8	GNT.	0.5-	1
227.1	OC54	3B4*	?	0.5-	1
231.3	OC55	3FC		0.5-	1
241.0	OC56	3FC?	[3D7]	0.5-	1
241.7	OC57	3F1	(3F18)	0.5-	1
254.8	OC58	3GC	GNT	0.5-	1

DDH: FAGA204 UTM-N: 904,769.8 UTM-E: 592,548.2 UTM-ELEV: 1,277.9 TOTAL DEPTH: 254.8 SECTION: W 63
 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	DHOC	SDC	PROCESS
FAGA204	0.0	35.5	CS2			0	0	C	C		66	230	C			1	1	1
FAGA204	0.0	40.9	CS2			C	C	C	C		62	230	C			1	1	1
FAGA204	35.7	41.4	CS2	S		0	0	C	C		0	0	C			1	1	1
FAGA204	0.0	42.6	CS2			0	0	0	C		62	230	C			1	1	1
FAGA204	41.4	42.7	CS2	Z		C	C	0	C		0	C	C			1	1	1
FAGA204	0.0	48.2	CS2			C	C	0	C		68	230	C			1	1	1
FAGA204	42.7	50.3	CS2	S		0	0	0	C		0	0	C			1	1	1
FAGA204	0.0	53.7	CS2			C	C	0	C		63	230	C			1	1	1
FAGA204	0.0	62.2	CS2			0	C	C	C		65	230	C			1	1	1
FAGA204	0.0	67.7	CS2			0	C	0	C		80	230	C			1	1	1
FAGA204	0.0	73.7	CS2			0	0	0	C		63	230	C			1	1	1
FAGA204	0.0	78.8	CS2			C	0	0	C		63	230	C			1	1	1
FAGA204	0.0	82.8	CS2			0	0	0	C		78	230	C			1	1	1
FAGA204	0.0	88.4	CS2			C	0	C	C		77	230	C			1	1	1
FAGA204	50.3	88.7	CS2	Z		0	0	0	C		0	0	C			1	1	1
FAGA204	88.7	89.9	CS2	S		0	C	0	0		0	0	C			1	1	1
FAGA204	0.0	93.7	CS2			C	0	0	C		65	230	C			1	1	1
FAGA204	0.0	99.3	CS2			0	C	0	C		70	230	C			1	1	1
FAGA204	0.0	103.3	CS2			0	0	0	C		59	230	C			1	1	1
FAGA204	89.9	103.7	CS2	Z		0	C	0	C		0	0	C			1	1	1
FAGA204	103.7	108.2	PS2	P		C	0	0	C		0	0	C			1	1	1
FAGA204	0.0	109.3	CS2			C	0	0	0		70	230	C			1	1	1
FAGA204	0.0	115.0	CS2			C	C	C	C		69	230	C			1	1	1
FAGA204	108.2	116.0	CS2	S		0	0	0	C		0	C	C			1	1	1
FAGA204	0.0	121.2	CS2			C	0	0	C		68	230	C			1	1	1
FAGA204	0.0	126.8	CS2			0	0	0	C		62	230	C			1	1	1
FAGA204	0.0	132.4	CS2			0	0	0	C		66	230	C			1	1	1
FAGA204	116.0	135.6	CS2	Z		C	0	0	C		0	0	C			1	1	1
FAGA204	135.6	139.8	CS2	S		C	0	0	C		0	0	C			1	1	1
FAGA204	0.0	141.2	CS2			0	0	0	C		78	230	C			1	1	1
FAGA204	139.8	146.6	CS2	Z		0	C	C	C		0	C	C			1	1	1
FAGA204	0.0	146.9	CS2			0	0	0	C		83	230	C			1	1	1
FAGA204	146.6	148.9	CS2	S		C	0	0	C		0	C	C			1	1	1
FAGA204	0.0	153.1	CS2			0	0	0	C		67	230	C			1	1	1
FAGA204	0.0	158.6	CS2			C	0	0	C		70	230	C			1	1	1
FAGA204	148.9	162.6	CS2	Z		0	C	0	C		0	0	C			1	1	1
FAGA204	0.0	167.5	PS2			0	0	0	C		73	230	C			1	1	1
FAGA204	162.6	169.0	PS2	P		C	0	C	C		0	0	C			1	1	1
FAGA204	169.0	171.6	CS2	Z		0	0	0	C		0	C	C			1	1	1
FAGA204	0.0	172.1	PS2			0	C	0	C		75	230	C			1	1	1
FAGA204	171.6	173.6	PS2	P		0	C	0	C		0	C	C			1	1	1
FAGA204	0.0	176.9	CS2			C	0	0	0		66	230	C			1	1	1
FAGA204	173.6	179.2	CS2	Z		0	C	0	0		0	0	C			1	1	1
FAGA204	0.0	193.6	PS2			C	0	0	C		55	230	C			1	1	1
FAGA204	0.0	203.3	PS2			C	0	0	C		70	230	C			1	1	1
FAGA204	0.0	207.9	PS2			C	0	0	0		62	230	C			1	1	1
FAGA204	0.0	213.9	PS2			0	C	0	C		67	230	C			1	1	1
FAGA204	0.0	219.7	PS2			0	0	0	C		72	230	C			1	1	1
FAGA204	0.0	225.4	PS2			0	C	0	0		68	230	C			1	1	1
FAGA204	0.0	231.4	PS2			0	0	0	C		75	230	C			1	1	1
FAGA204	0.0	236.4	PS2			0	C	0	C		73	230	C			1	1	1

ZUMAR84 GRUM

DOWN-HOLE STRUCTURE (DHC20)

PAGE: 25

DDH: FAGA204 UTM-N: 904,769.8 UTM-E: 592,548.2 UTM-ELEV: 1,277.9 TOTAL DEPTH: 254.8 SECTION: W 63
 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
FAGA204	0.0	242.6	PS2		0	C	0	C	73	230	C		1	1	1
FAGA204	0.0	245.0	PS2		0	0	0	C	80	230	C		1	1	1
FAGA204	0.0	248.5	PS2		0	0	0	C	79	230	C		1	1	1
FAGA204	179.2	254.8	PS2	P	0	0	0	C	0	0	C		1	1	1

DDH: FAGA204 UTM-N: 904,769.8 UTM-E: 592,548.2 UTM-ELEV: 1,277.9 TOTAL DEPTH: 254.8 SECTION: W 63
 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	
FAGA204	35.6	36.2	S				0	0	0	0	1
FAGA204	52.3	53.0	S				0	0	0	0	1
FAGA204	53.0	53.6	N				0	0	0	0	1
FAGA204	57.3	59.0	S				0	0	0	0	1
FAGA204	59.3	59.8	G				0	0	0	0	1
FAGA204	60.0	60.3	G				0	0	0	0	1
FAGA204	61.3	61.4	G				0	0	0	0	1
FAGA204	61.8	61.9	G				0	0	0	0	1
FAGA204	68.4	68.6	S				0	0	0	0	1
FAGA204	68.8	68.9	S				0	0	0	0	1
FAGA204	71.5	71.6	S				0	0	0	0	1
FAGA204	72.7	72.8	S				0	0	0	0	1
FAGA204	82.3	82.4	S				0	0	0	0	1
FAGA204	86.4	86.5	S				0	0	0	0	1
FAGA204	86.5	87.5	RN				0	0	0	0	1
FAGA204	106.4	108.2	S				0	0	0	0	1
FAGA204	108.7	108.8	G				0	0	0	0	1
FAGA204	110.7	110.8	G				0	0	0	0	1
FAGA204	138.1	138.7	NR				0	0	0	0	1
FAGA204	139.6	139.9	G				0	0	0	0	1
FAGA204	140.2	140.3	G				0	0	0	0	1
FAGA204	146.3	146.4	G				0	0	0	0	1
FAGA204	149.6	149.8	G				0	0	0	0	1
FAGA204	162.7	163.3	B				0	0	0	0	1
FAGA204	183.5	184.5	D?				0	0	0	0	1
FAGA204	186.2	187.1	D?				0	0	0	0	1
FAGA204	192.3	195.9	G SF				0	0	0	0	1
FAGA204	195.9	197.1	G				0	0	0	0	1
FAGA204	197.4	201.8	G				0	0	0	0	1

20MAR84 GRUM

DOWN-HOLE SPLINES (DHO20)

PAGE: 27

DDH: FAGA204 UTM-N: 904,769.8 UTM-E: 592,548.2 UTM-ELEV: 1,277.9 TOTAL DEPTH: 254.8 SECTION: W 63
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DDH SEGMENT NOS CCND INDICATOR

FAGA204	1	2
FAGA204	2	2
FAGA204	3	2
FAGA204	4	2
FAGA204	5	2
FAGA204	6	2
FAGA204	7	2
FAGA204	8	1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: B0-A204

Project: GRUM

Location: VANGORDA PLATEAU

Claim: _____

UTM Terr. Plane Co-ords.: 6904769.751 N

CAMC Mine Survey 592548.191 E

Grid Co-ords.: 63W/4N

Elevation: 1277.868

Total Depth: 254.8 m

Purpose: _____

Logged by: PN

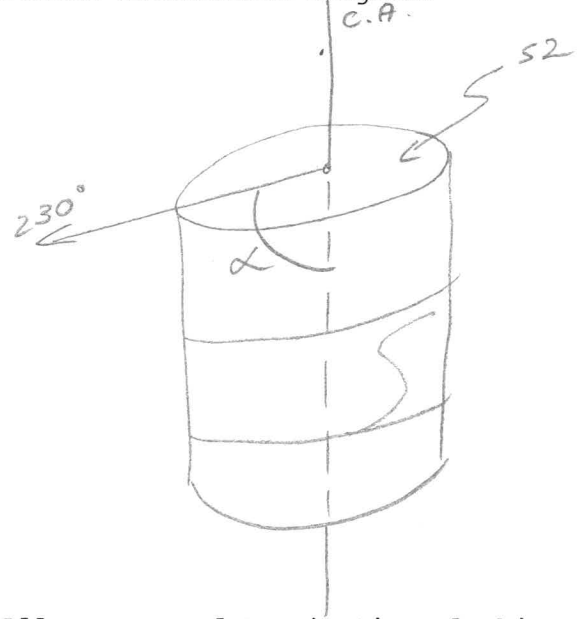
Date(s) Logged: OCT, 27-30/80

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

NQ 0 EoH

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	
	10	14	16	20	22 23 25 27	
L	100	1352	1			1/8 tuconed
L	1352	1356	2	5B16		min qtz-chl bands;
L	1356	1362	3	4L0		sheared
L	1362	443	4	5B16		min 4L0 interbands; ^{few} py stringers; 5D0 41.1-41.2m;
L	443	459	5	4L0		5D0 45.5-45.6m;
L	459	488	6	5B16		as unit 4;
L	488	553	7	4L2		5B6 50.3-50.6m; sheared 52.5-53.0m;
						no core (gr.) 53.0-53.6m;
L	553	593	8	5B16		min py stringers; 4L0 56.1-56.5m; sheared 57.3-59.0m;
L	593	621	9	4L0		<2% py, Pbz assoc. w/ qtz bands; qtz-calc-maniposite band 59.8-59.9m; pouge 59.3-59.8, 60.0-60.3, 61.3-61.4, 61.8-61.9m;
L	621	693	10	5B16		min py po stringers assoc. w/ qtz veins & lenses; sheared 68.4-68.6m, 68.8-68.9m; 4L0 68.0-68.5m;
L	693	729	11	4L0		<5% py stringers & blebs; sheared 71.5-71.6m; 72.7-72.8m;
L	729	743	12	5D0		(?) dk. brown, calcareous, biotitic; few seriate bands;
L	743	777	13	4L0		dk. brown bands (due to incomplete bleaching) usually adjacent to chloritic bands; 5B6 75.2-75.7m; 5D0 75.7-76.2m;
L	777	787	14	5D0		as unit 12;
L	787	794	15	4L0		
L	794	802	16	5D0		as unit 12;
L	802	807	17	4L0		as unit 15;
L	807	824	18	5D0		as unit 12;
L	824	882	19	4L0		sheared 82.2-82.4m; 1% py; 1cm. po band at 83.7 & 84.7m; sheared 86.4-86.5m; gr. 86.5-87.5 (no core recovered);
L	882	893	20	5B16		min po bands (1%);
L	893	942	21	4L0		<2% py, po; numerous qtz bands;
L	942	949	22	5B16		
L	949	964	23	4L0		3% py, po; lesser Pbz;

Lithologic Log

Code	From	To	Unit	Code	Description
	10 14 16	20 22 23 25 27			
L	964	997	24	5B6	
L	997	1005	25	4L0	
L	1005	1082	26	4L2	w/ minor PbZn, py stringers; sheared 106.4-108.2m;
L	1082	1113	27	4A3	minor py; 5D4 w/ manganese 110.8-111.0m; gouge at 108.7-108.8, 110.7-110.8m;
L	1113	1121	28	4C0	minor sericite layers; 4A3 111.8-112.0m;
L	1121	1133	29	4L2	as unit 26;
L	1133	1135	30	5B6	minor py, po bands; 0Q0 129.3-129.5m;
					4L0 133.8-134.0m; 4L2 134.0-134.2m;
					4L0 135.2-135.4, 4L2 135.4-135.6m;
L	1135	1142	31	4A3	gouge 139.6-139.9m, 140.2-140.3m; gr. 138.1-138.7m (no core recovered);
L	1142	1142	32	5D4	5D4; w/ manganese; calcareous; bleached; somewhat mottled;
L	1142	1150	33	4A3	minor sericitic interbands; gouge 146.3-146.4m, 149.6-149.8m.
L	1150	1166	34	5B6	locally 5B26; 4L15 150.3-150.5m; minor py po blks assoc. w/ gl; generally less graphitic towards E.H.; 4L0 162.7-163.3m (broken rock);
L	1166	1170	35	4L2	4L2; 4D1 (5% PbZn) 168.2-168.4m;
L	1170	1171	36	5D0	
L	1171	1171	37	4L0	minor py bands;
L	1171	1172	38	4G4	10% PbZn, 4C0 172.0-172.3m, 172.5-172.6m;
L	1172	1173	39	4L0	<1% py;
L	1173	1178	40	5B6	minor py;
L	1178	1179	41	4A3	w/ few 4C0 interbands;
L	1179	1181	42	4G4	10% PbZn; honey-colored sph; calcareous;
L	1181	1184	43	4E0	vuggy w/ calcite, fracture fillings; brecciated 183.5-184.5m;
L	1184	1186	44	4G4	11% PbZn; calcareous; fracture & porosity 184.8-185.3m;
L	1186	1188	45	4E0	as unit 43; brecciated 186.2-187.1m;
L	1188	1192	46	4C0	
L	1192	1195	47	5B6	4L0 interbands; gouge & shear; mylonite(?) w/ numerous clasts & "flow" layers;

Lithologic Log

Code	From		To		Unit		Code		Description
	10	14	16	20	22	23	25	27	
L	1959	1976	48	5D10					mottled; w/ manganese concentrated mainly in orange areas; orange 1959-1971m; 1974-1976m;
L	1976	2018	849	5A10					orange fault
L	2018	2033	50	4L0					3G0 w/ alternating green & pink bands (non-calc) 202.8-203.3m
L	2033	2074	451	3G10					? sericitic w/ varying amts. of chlorite; buff color numerous small (< 1mm) non-calc. blebs; light green colour; 3G0 w/ qtz & staurolite(?) blebs 205.8-206.3m;
L	2074	2091	52	3G10					very few po & cpy staurolite assoc. w/ fractures; dk brown; bt-dk-qtz schist;
L	2091	2234	453	3G0					lt green chl-sericite-qtz schist;
L	2234	2271	154	3B14					? sericitic w/ minor chl; numerous buff & yellow blebs; non-calc; buff colour;
L	2271	2313	355	3F10					somewhat siliceous; sericitic;
L	2313	2410	56	3F10					? highly calcareous w/ alternating chl & bt bands; (n calc-sil.?) ; dk green band w/ sericitic-calc. interbands 234.0-234.4m (chl. or diop? - med. hardness);
L	2410	2417	57	3F11					3F18;
L	2417	2548	58	3G10					0Q0 245.1-245.4m numerous silicified pink & lt. green blebs assoc. w/ qtz veins (qtz & chl.);
		EGH							

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			355	CSZ			66	230	
S			357	FZ3					S sym. 35.7 - 41.4m;
S			409	CSZ			62	230	
S			414	FZ2					Z sym. 41.4 - 42.7m;
S			426	CSZ			62	230	
S			427	FZ3					S sym. 42.7 - 50.3m;
S			482	CSZ			68	230	
S			503	FZ2					Z sym. 50.3 - 88.7m;
S			537	CSZ			63	230	
S			622	CSZ			65	230	
S			677	CSZ			80	230	
S			737	CSZ			63	230	
S			788	CSZ			63	230	
S			828	CSZ			78	230	
S			884	CSZ			77	230	
S			887	FZ3					S sym. 88.7 - 89.9m;
S			899	FZ2					Z sym. 89.9 - 103.7m;
S			937	CSZ			65	230	
S			993	CSZ			70	230	
S			1033	CSZ			59	230	
S			1037	FZ2					R region 103.7 - 108.2m;
S			1082	FZ2					S sym. 108.2 - 116.0m;
S			1093	CSZ			70	230	
S			1150	CSZ			69	230	
S			1160	FZ2					Z sym. 116.0 - 135.6m;
S			1212	CSZ			68	230	
S			1268	CSZ			62	230	
S			1324	CSZ			66	230	
S			1356	FZ3					S sym. 135.6 - 139.8m;
S			1398	FZ2					Z sym. 139.8 - 146.6m;
S			1412	CSZ			78	230	
S			1466	FZ3					S sym. 146.6 - 148.9m;
S			1469	CSZ			83	230	
S			1489	FZ2					Z sym. 148.9 - 162.6m;
S			1531	CSZ			67	230	
S			1586	CSZ			70	230	

Code	From	To	Sample No.	Description					
I	10	14	16	20	22	27	LENGTH	RECOVERY	UNIT
P	488	501					1.3		4L2
P	501	514					1.3		4L2
P	514	527					1.3		4L2
P	527	540					1.3		4L2
P	540	553					1.3		4L2
							*no tags 5571 - 5579 *		
P	693	705					1.2		4L0
P	705	717					1.2		4L0
P	717	729					1.2		4L0
P	949	964					1.5		4L0
P	110105	110120		55810			1.5	1.5	4L2
P	110120	110135		55811			1.5	1.5	4L2
P	110135	110150		55812			1.5	1.5	4L2
P	110150	110166		55813			1.6	1.6	4L2
P	110166	110182		55814			1.6	1.1	4L2
P	110182	110197		55815			1.5	1.4	4A3
P	110197	111113		55816			1.6	1.5	4A3
P	111113	111121		55817			0.8	0.8	4L0
P	111121	111136		55818			1.5	1.5	4L2
P	111136	111151		55819			1.5	1.5	4L2
P	111151	111167		55910			1.6	1.6	4L2
P	111167	111183		55911			1.6	1.5	4L2
P	11356	11369		55912			1.3	1.3	4A3
P	11369	11382		55913			1.3	1.1	4A3
P	11382	11395		55914			1.3	0.8	4A3
P	11395	11409		55915			1.4	1.1	4A3
P	11409	11423		55916			1.4	1.4	4A3
P	11429	11444		55917			1.5	1.4	4A3
P	11444	11459		55918			1.5	1.5	4A3
P	11459	11473		55919			1.4	1.4	4A3
P	11473	11487		5600			1.4	1.4	4A3
P	11487	11501		5601			1.4	1.2	4A3

DDH: FAGA204 -- 42 DEGREE PROFILE

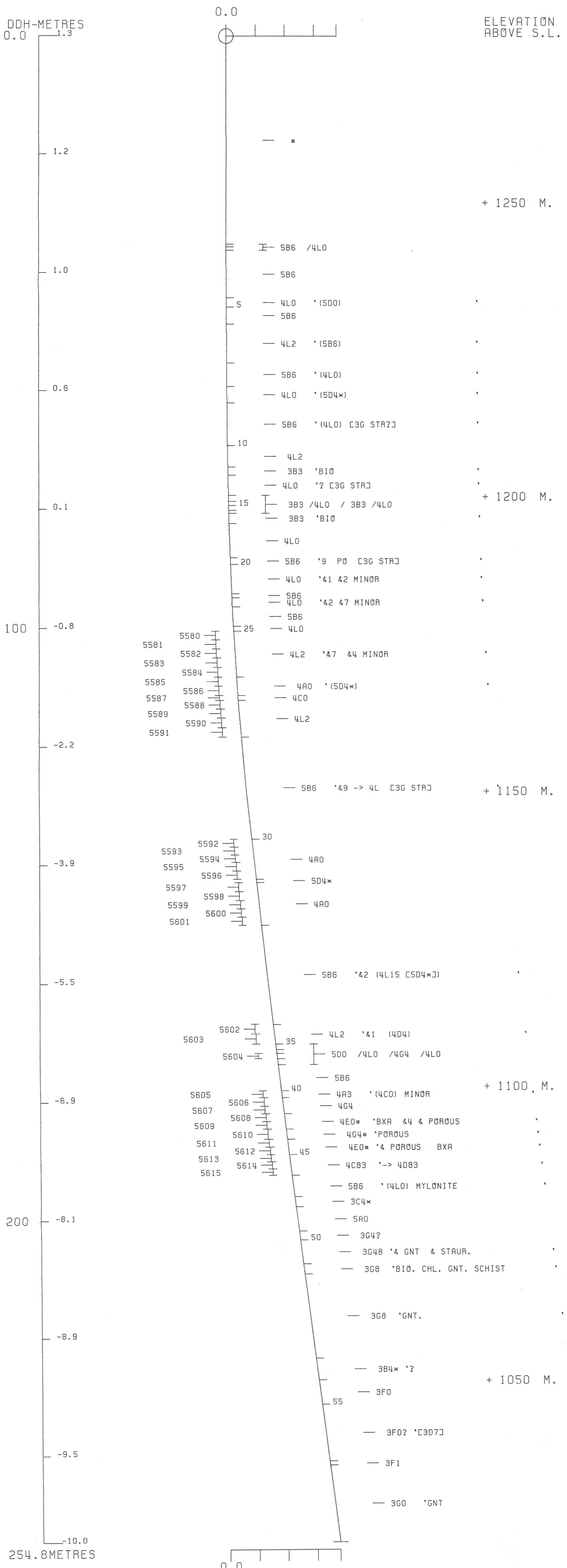
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1278 592548E ; 904770N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

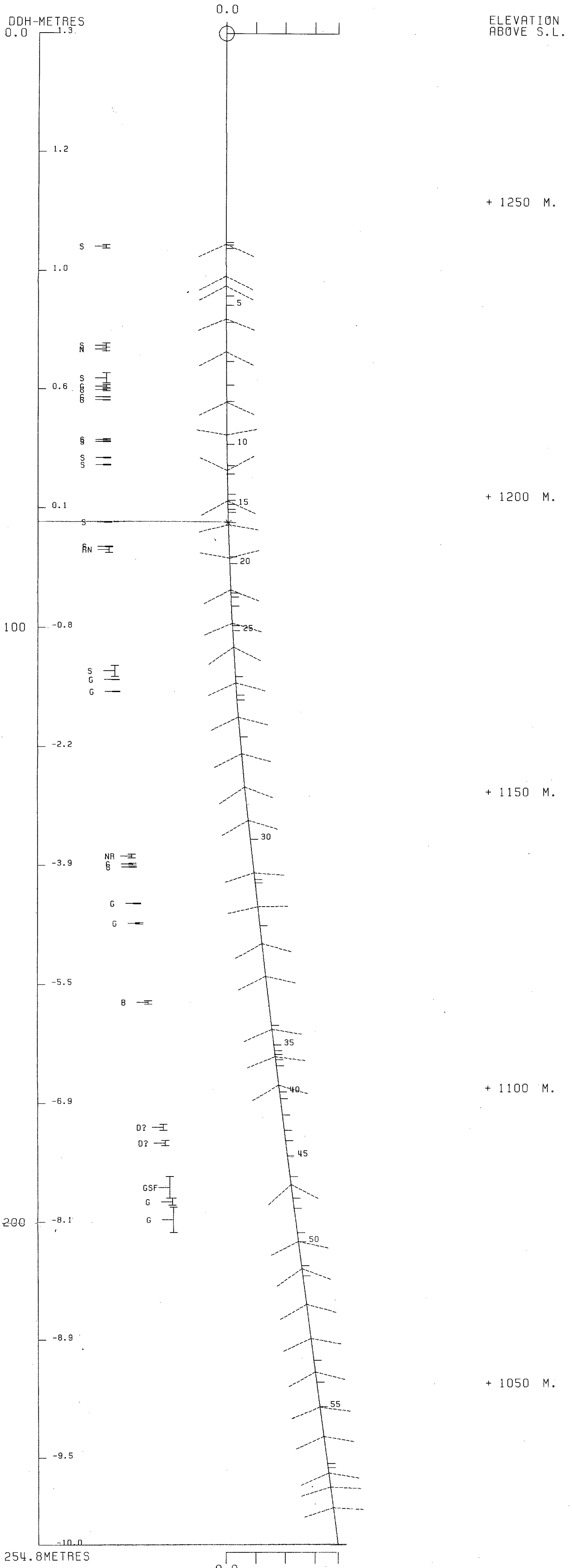
CORRECTED COLLAR POSITION: X = 497.9 Z = 1278.1

SECTION NAME: 63W



DDH: FAGA204 -- 42 DEGREE PROFILE (VIEW AZIMUTH = 312 DEGREES)

ELEV:1278 592548E ; 904770N
 PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0
 CORRECTED COLLAR POSITION: X = 497.9 Z = 1278.1
 SECTION NAME: 63W



80 A211

DCH	SAMPLE	---DEPTH---		INT	REC	ROCK	S.G.	CU	PB	ZN	AG	AU	PC	PY	BAC	PB+ZN	PC+PY	ZN
		FROM	TO															
FAGA211	5735	55.3	55.3	2.0	100	40E4	3.79	.04	8.10	20.10	138.0	1.30	2.71	13.60		22.20	16.31	.71
	5736	55.3	57.3	2.0	100	4043	3.62	.07	8.00	18.40	144.0	.69	2.45	12.20		26.40	14.65	.70
	5737	57.3	59.6	1.3	100	4043	3.70	.05	6.30	15.60	112.0	.62	1.84	14.30		21.90	16.14	.71
	5738	50.6	59.7	1.1	100	4E4	4.55	.23	2.70	7.50	62.0	.65	2.91	34.80		10.20	37.71	.74
	5739	59.7	60.9	1.1	100	4E0	4.82	.12	1.35	2.80	30.0	.62	2.42	41.60		4.15	44.02	.67
	5740	60.8	62.4	1.6	100	4043	3.83	.06	7.60	17.70	144.0	.41	2.07	14.40		25.30	16.47	.70
	5741	62.4	63.6	1.2	100	4C3	3.56	.07	5.00	11.40	92.0	.69	.80	12.10		16.40	12.90	.70
	5742	63.6	65.1	1.5	100	4C3	3.46	.05	3.20	6.10	58.0	.69	1.19	12.20		9.30	13.39	.66
	5743	65.1	66.3	1.2	100	4G4	3.62	.02	4.70	10.40	82.0	.62	1.45	13.00		15.10	14.45	.69
	5744	66.3	67.4	1.3	100	4034	3.95	.05	6.40	16.40	120.0	1.10	3.02	15.40		22.80	18.42	.72
	5745	67.6	68.9	1.3	100	4034	4.20	.10	7.40	16.40	132.0	1.23	3.25	18.90		23.80	22.15	.69
	5746	68.9	70.6	1.7	100	4E4	4.30	.16	8.20	17.10	134.0	1.92	3.02	19.80		25.30	22.82	.68
	5747	70.6	72.0	1.4	100	40435	3.78	.21	6.30	8.60	104.0	2.40	1.83	17.00		14.90	18.83	.58
	5748	72.0	73.8	1.8	100	4C3	3.64	.26	.20	.45	12.0	1.03	1.79	24.30		.65	26.09	.69
	5749	73.8	75.1	1.3	100	4A3	3.21	.15	.08	.51	10.0	.69	.75	15.50		.59	16.25	.86
	5750	75.1	76.3	1.2	100	4A3	3.31	.18	.08	.54	12.0	.75	.62			.62		.87
	5751	76.3	78.3	2.0	100	4C35	3.32	.24	.08	.73	14.0	.89				.81		.90
	5752	78.3	80.3	2.0	100	4C35	3.54	.28	.06	.35	14.0	.89				.41		.85
	5753	80.3	81.5	1.2	100	4C35	3.55	.22	.14	1.00	17.0	.75	2.07	21.80		1.14	23.87	.88
	5754	81.5	83.2	1.7	100	4C3	3.51	.31	.06	.33	9.0	.69	2.45	21.10		.39	23.55	.85
	5755	83.2	84.4	1.2	100	4C35	3.66	.26	2.20	1.73	162.0	1.17	2.13	18.70		3.93	20.83	.44
	5756	84.4	85.7	1.3	100	4C35	3.42	.15	3.20	3.20	45.0	1.17	1.55	16.60		6.40	18.15	.50
	5757	85.7	87.7	2.0	100	40354	3.62	.16	6.90	9.50	82.0	1.37	2.57	15.30		16.40	17.87	.58
	5758	87.7	89.7	2.0	100	4035	3.37	.08	3.40	4.50	55.0	1.58	1.15	15.50		7.90	16.65	.57
	5759	89.7	91.2	1.5	100	4A0	3.49	.12	1.29	1.35	18.0	.96	1.42	19.90		2.64	21.32	.51
	5760	91.2	92.8	1.6	100	4A0	3.19	.13	1.05	1.34	24.0	.69	1.66	14.40		2.39	16.06	.56
	5761	92.8	94.5	1.7	100	4C3	3.53	.36	.75	.92	14.0	.82	2.30	21.60		1.67	23.90	.55
	5762	94.5	96.3	1.8	100	4C3	3.56	.26	.43	.40	10.0	.69	2.85	21.00		.83	23.85	.48
	5763	96.3	98.3	2.0	100	4A0	3.28	.15	.27	.61	8.0	.55				.88		.69
	5764	98.3	100.3	2.0	100	4A0	3.36	.15	.40	.67	12.0	.69				1.07		.63
	5765	100.3	102.3	2.0	100	4A0	3.38	.18	.95	1.32	22.0	.69				2.27		.58
	5766	102.3	104.3	2.0	100	4A0	3.21	.16	.07	.28	8.0	.41				.35		.80
	5767	104.3	106.3	2.0	100	4A0	3.29	.23	.07	.32	6.0	.48				.39		.82
	5768	106.3	108.3	2.0	100	4A0	3.21	.15	.07	.17	6.0	.41				.24		.71
	5769	108.3	110.3	2.0	100	4A0	3.48	.53	.10	.24	14.0	.55				.34		.71
	5770	110.3	112.3	2.0	100	4A0	2.96	.27	.07	.37	10.0	.27				.44		.84
	5771	112.3	113.0	.7	100	4A0	3.02	.34	.07	.60	8.0	.34				.67		.90
	5772	113.0	114.0	1.0	100	4C0	3.19	.21	.06	.28	8.0	.27				.34		.82
	5773	114.0	116.0	2.0	100	4A0	2.89	.09	.06	.33	4.0	.21				.39		.85
	5774	116.0	118.0	2.0	100	4A0	2.97	.15	.07	.64	8.0	.27				.71		.90
	5775	118.0	120.0	2.0	100	4A0	2.92	.13	.06	.37	6.0	.34				.43		.86
	5776	120.0	122.0	2.0	100	4A0	2.85	.04	.01	.64	3.0	.21	2.93	4.12		.65	7.05	.98
	5777	122.0	124.0	2.0	100	4A0	3.04	.15	.02	.59	4.0	.34	2.89	10.40		.61	13.29	.97
	5778	124.0	125.7	1.7	100	4A0	3.22	.17	1.48	1.11	22.0	1.10	1.38	11.30		2.59	12.68	.43
	5779	125.7	128.0	2.3	100	4E0	4.68	.40	2.50	1.16	40.0	1.44	1.18	40.20		3.66	41.38	.32
	5780	128.0	129.7	1.7	100	4E4	4.67	.33	3.90	1.73	66.0	1.71	1.15	39.40		5.63	40.55	.31
	5781	129.7	131.0	1.3	100	4E0	4.69	.42	1.41	1.42	30.0	1.58	2.01	41.50		2.83	43.51	.50
	5782	131.0	132.3	1.3	100	4E0	4.85	.36	1.77	1.53	33.0	1.65	1.22	42.70		3.35	43.92	.47
	5783	132.3	134.3	2.0	100	4E0	4.03	.23	1.23	1.21	32.0	1.30	2.21	29.40		2.44	31.61	.50
	5784	134.3	136.0	1.7	100	4E04	3.90	.23	3.20	3.90	56.0	1.71	1.53	25.40		7.10	26.93	.55
	5785	136.0	138.0	2.0	100	4EA4	4.22	.25	3.70	4.10	87.0	1.85	1.25	26.70		7.80	27.95	.53
	5786	138.0	140.0	2.0	100	4EA4	3.79	.29	2.60	4.30	63.0	1.92	1.31	29.70		6.90	31.01	.62
	5787	140.0	141.6	1.6	100	4EA	4.33	.27	1.14	1.36	26.0	1.17	1.17	33.70		2.50	34.87	.54
	5788	141.6	143.3	1.7	100	4EA4	4.19	.37	3.00	3.60	56.0	1.78	1.42	27.40		6.60	28.82	.55
	5789	143.3	143.8	.5	100	4074	3.80	.40	9.00	11.50	141.0	1.17	10.13	9.00		20.50	19.13	.56

DDH	SAMPLE	---DEPTHS---		INT M	REC %	ROCK UNIT	S.G.	CU %	PB %	ZN %	AG G/MT	AU G/MT	PC %	FY %	BAC %	PB+ZN %	PC+PY %	RA	
		FROM	TO																
FAGA211	5790	174.0	175.8	1.8	100	4CE84	3.93	.28	2.90	2.50	45.0	.14					5.40		.
	5791	202.0	204.2	2.2	100	4G4	4.21	.16	5.50	7.60	86.0	1.51	2.40	15.20		13.10	17.60		.
	5792	204.2	206.2	2.0	100	4E84	4.31	.32	3.80	3.29	60.0	1.44	7.99	27.00		7.09	34.99		.
	5793	206.2	208.1	1.9	100	4E84	4.14	.34	2.50	2.64	38.0	1.17	8.67	27.10		5.14	35.77		.

DEF	SAMPLE	ROCK UNIT	NORMATIVE MINERALS - WEIGHT %								*	NORMATIVE MINERALS - VOLUME %							
			CPY	GA	SP	PC	PY	BAR	OTHER	CPY		GA	SP	PC	PY	BAR	OTHER		
FAGA211	5735	40E4	.12	9.35	29.97	4.26	29.25		27.06	*	.11	4.91	29.52	3.65	23.05		38.76		
	5736	4043	.20	9.24	27.43	3.85	26.24		33.04	*	.13	4.70	26.14	3.19	20.00		45.79		
	5737	4043	.14	7.28	23.26	2.89	30.75		35.68	*	.13	3.65	21.88	2.37	23.15		48.82		
	5738	4E4	.81	3.12	11.18	4.58	74.84		5.48	*	.90	1.95	13.09	4.66	70.08		9.33		
	5739	4E0	.35	1.56	4.17	3.81	89.46		.65	*	.41	1.02	5.14	4.08	88.18		1.17		
	5740	4043	.17	8.78	26.39	3.26	30.97		30.44	*	.16	4.54	25.59	2.75	24.03		42.94		
	5741	403	.20	5.77	17.00	1.26	26.02		49.75	*	.17	2.69	14.84	.96	18.17		63.18		
	5742	403	.14	3.70	9.09	1.87	26.24		58.96	*	.12	1.65	7.61	1.36	17.55		71.72		
	5743	404	.06	5.43	15.50	2.28	27.96		48.77	*	.05	2.55	13.63	1.74	19.66		62.37		
	5744	4034	.14	7.39	24.45	4.75	33.12		30.15	*	.13	3.83	23.74	4.01	25.72		42.57		
	5745	4034	.29	8.55	24.45	5.11	40.64		20.96	*	.28	4.71	25.28	4.59	33.61		31.52		
	5746	4E4	.46	9.47	25.49	4.75	42.58		17.25	*	.47	5.36	27.04	4.38	36.14		26.61		
	5747	40435	.61	7.28	12.82	2.88	36.56		39.86	*	.54	3.63	11.98	2.34	27.33		54.18		
	5748	403	.75	.23	.67	2.82	52.26		43.27	*	.66	.11	.62	2.25	38.46		57.90		
	5749	4A3	.43	.09	.76	1.18	33.33		64.20	*	.34	.04	.62	.84	21.80		76.36		
	5750	4A3	.52	.09	.81				98.58	*									
	5751	4035	.69	.09	1.09				98.13	*									
	5752	4035	.31	.07	.52				98.60	*									
	5753	4035	.64	.16	1.49	3.26	46.88		47.58	*	.54	.08	1.33	2.53	33.57		61.94		
	5754	403	.90	.07	.49	3.85	45.38		49.31	*	.76	.03	.44	2.97	32.19		63.61		
	5755	4035	.75	2.54	2.58	3.35	40.21		50.56	*	.63	1.20	2.28	2.57	28.40		64.92		
	5756	4035	.43	3.70	4.77	2.44	35.70		52.96	*	.36	1.72	4.15	1.85	24.86		67.07		
	5757	40354	.46	7.97	14.16	4.04	32.90		40.46	*	.41	3.95	13.17	3.27	24.48		54.73		
	5758	4035	.23	3.93	6.71	1.81	33.33		53.99	*	.19	1.81	5.79	1.36	23.03		67.82		
	5759	4A0	.35	1.49	2.01	2.23	42.79		51.12	*	.29	.70	1.77	1.71	30.12		65.41		
	5760	4A0	.38	1.21	2.00	2.61	30.97		62.84	*	.29	.53	1.64	1.87	20.40		75.26		
	5761	403	1.04	.87	1.37	3.62	46.45		46.65	*	.89	.42	1.24	2.83	33.48		61.14		
	5762	403	.75	.50	.60	4.48	45.16		48.51	*	.64	.24	.53	3.47	32.21		62.91		
	5763	4A0	.43	.31	.91				98.35	*									
	5764	4A0	.43	.46	1.00				98.11	*									
	5765	4A0	.52	1.10	1.97				96.41	*									
	5766	4A0	.46	.08	.42				99.04	*									
	5767	4A0	.66	.08	.48				98.78	*									
	5768	4A0	.43	.08	.25				99.23	*									
	5769	4A0	1.53	.12	.36				98.00	*									
	5770	4A0	.78	.08	.55				98.59	*									
	5771	4A0	.98	.08	.89				98.04	*									
	5772	400	.61	.07	.42				98.91	*									
	5773	4A0	.26	.07	.49				99.18	*									
	5774	4A0	.43	.08	.95				98.53	*									
	5775	4A0	.38	.07	.55				99.00	*									
	5776	4A0	.12	.01	.95	4.61	8.86		85.45	*	.08		.70	2.94	5.19		91.08		
	5777	4A0	.43	.02	.88	4.55	22.37		71.75	*	.32	.01	.69	3.10	14.03		81.85		
	5778	4A0	.49	1.71	1.65	2.17	24.30		69.67	*	.37	.73	1.32	1.50	15.47		80.62		
	5779	4E0	1.16	2.89	1.73	1.86	86.45		5.92	*	1.31	1.84	2.06	1.93	82.57		10.28		
	5780	4E4	.95	4.50	2.58	1.81	84.73		5.42	*	1.09	2.89	3.10	1.89	81.53		9.49		
	5781	4E0	1.21	1.63	2.12	3.16	89.25		2.63	*	1.41	1.06	2.58	3.35	86.94		4.67		
	5782	4E0	1.04	2.04	2.36	1.92	91.83		.81	*	1.23	1.35	2.92	2.07	90.97		1.47		
	5783	4E0	.66	1.42	1.80	3.48	63.22		29.41	*	.64	.76	1.81	3.04	50.80		42.96		
	5784	4EC4	.66	3.70	5.81	2.41	54.62		32.80	*	.62	1.93	5.70	2.05	42.88		46.81		
	5785	4EA4	.72	4.27	6.11	1.97	57.42		29.51	*	.69	2.29	6.13	1.72	46.10		43.07		
	5786	4EA4	.84	3.00	6.41	2.06	63.87		23.82	*	.83	1.66	6.65	1.86	53.04		35.96		
	5787	4EA	.78	1.32	2.03	1.84	72.47		21.56	*	.79	.74	2.15	1.69	61.41		33.22		
	5788	4EA4	1.07	3.46	5.37	2.23	58.92		28.94	*	1.02	1.86	5.40	1.95	47.42		42.35		
	5789	4D74	1.16	10.39	17.14	15.93	19.35		36.02	*	1.04	5.25	16.25	13.13	14.67		49.65		

24710730

GRUN DATABASE - QUIZ REPORT

PAGE 3

DEF	SAMPLE	ROCK UNIT	CPY	NORMATIVE MINERALS - WEIGHT %						*	CPY	NORMATIVE MINERALS - VOLUME %							
				GA	SP	PC	PY	BAR	OTHER			GA	SP	PC	PY	BAR	OTHER		
FAGA211	5790	4CE84	.81	3.35	3.73					92.11	*								
	5791	4G4	.46	6.35	11.33	3.77	32.69			45.39	*	.40	3.06	10.24	2.97	23.64			59.69
	5792	4E84	.92	4.39	4.90	12.57	58.06			19.15	*	.94	2.51	5.25	11.70	49.75			29.84
	5793	4E84	.98	2.89	3.94	13.64	58.28			20.28	*	.99	1.63	4.17	12.56	49.39			31.25

DRILL HOLE : FAGA211
NORTHING : 904,722.8
EASTING : 592,506.7
ELEVATION : 1,276.7
TOTAL DEPTH : 261.2
SECTION : W 63
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: 59
NOS DOWN-H-SURVEYS: 8
NOS DOWN-H-LITHCLOGY: 58
NOS DOWN-H-STRUCTURE: 51
NOS DOWN-H-FAULTS: 6
NOS DOWN-H-SPLINES: 8
NOS COMPOSITES: 0

DDH: FAGA211 UTM-N: 904,722.8 UTM-E: 592,506.7 UTM-ELEV: 1,276.7 TOTAL DEPTH: 261.2 SECTION: W 63
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

---DEPTHS---		SAMPLE NO.	INT.	REC.	ROCK UNIT	S.G. PULP	CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AL(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.	
FROM	TO																					
53.3	55.3	05735	2.0	2.0	4DE4	3.79	.04	8.10	20.10	138.00		1.30	2	13	16							
55.3	57.3	05736	2.0	2.0	4D43	3.62	.07	8.00	18.40	144.00		.69	2	12	14							
57.3	58.6	05737	1.3	1.3	4D43	3.70	.05	6.30	15.60	112.00		.62	1	14	16							
58.6	59.7	05738	1.1	1.1	4E4	4.55	.28	2.70	7.50	62.00		.65	2	34	37							
59.7	60.8	05739	1.1	1.1	4E0	4.82	.12	1.35	2.80	30.00		.82	2	41	44							
60.8	62.4	05740	1.6	1.6	4D43	3.83	.06	7.60	17.70	144.00		.41	2	14	16							
62.4	63.6	05741	1.2	1.2	4C3	3.56	.07	5.00	11.40	92.00		.69		12	12							
63.6	65.1	05742	1.5	1.5	4C3	3.46	.05	3.20	6.10	58.00	56.00	.69	1	12	13							
65.1	66.3	05743	1.2	1.2	4G4	3.62	.02	4.70	10.40	82.00		.62	1	13	14							
66.3	67.6	05744	1.3	1.3	4D34	3.95	.05	6.40	16.40	120.00		1.10	3	15	18							
67.6	68.9	05745	1.3	1.3	4D34	4.20	.10	7.40	16.40	132.00		1.23	3	18	22							
68.9	70.6	05746	1.7	1.7	4E4	4.30	.16	8.20	17.10	134.00		1.92	3	19	22							
70.6	72.0	05747	1.4	1.4	4D435	3.78	.21	6.30	8.60	104.00		2.40	1	17	18							
72.0	73.8	05748	1.8	1.8	4C3	3.64	.26	.20	.45	12.00		1.03	1	24	26							
73.8	75.1	05749	1.3	1.3	4A3	3.21	.15	.08	.51	10.00		.69		15	16							
75.1	76.3	05750	1.2	1.2	4A3	3.31	.18	.08	.54	12.00		.75										
76.3	78.3	05751	2.0	2.0	4C35	3.32	.24	.08	.73	14.00		.89										
78.3	80.3	05752	2.0	2.0	4C35	3.54	.28	.06	.35	14.00		.89										
80.3	81.5	05753	1.2	1.2	4C35	3.55	.22	.14	1.00	17.00		.75	2	21	23							
81.5	83.2	05754	1.7	1.7	4C3	3.51	.31	.06	.33	9.00		.69	2	21	23							
83.2	84.4	05755	1.2	1.2	4C35	3.66	.26	2.20	1.73	162.00	26.00	1.17	2	18	20							
84.4	85.7	05756	1.3	1.3	4C35	3.42	.15	3.20	3.20	45.00		1.17	1	16	18							
85.7	87.7	05757	2.0	2.0	4D354	3.62	.16	6.90	9.50	82.00		1.37	2	15	17							
87.7	89.7	05758	2.0	2.0	4D35	3.37	.08	3.40	4.50	55.00		1.58	1	15	16							
89.7	91.2	05759	1.5	1.5	4A0	3.49	.12	1.29	1.35	18.00		.96	1	19	21							
91.2	92.8	05760	1.6	1.6	4A0	3.19	.13	1.05	1.34	24.00		.69	1	14	16							
92.8	94.5	05761	1.7	1.7	4C3	3.53	.36	.75	.92	14.00		.82	2	21	23							
94.5	96.3	05762	1.8	1.8	4C3	3.56	.26	.43	.40	10.00		.69	2	21	23							
96.3	98.3	05763	2.0	2.0	4A0	3.28	.15	.27	.61	8.00		.55										
98.3	100.3	05764	2.0	2.0	4A0	3.36	.15	.40	.67	12.00		.69										
100.3	102.3	05765	2.0	2.0	4A0	3.38	.18	.95	1.32	22.00		.69										
102.3	104.3	05766	2.0	2.0	4A0	3.21	.16	.07	.28	8.00		.41										
104.3	106.3	05767	2.0	2.0	4A0	3.29	.23	.07	.32	6.00		.48										
106.3	108.3	05768	2.0	2.0	4A0	3.21	.15	.07	.17	6.00		.41										
108.3	110.3	05769	2.0	2.0	4A0	3.48	.53	.10	.24	14.00		.55										
110.3	112.3	05770	2.0	2.0	4A0	2.96	.27	.07	.37	10.00		.27										
112.3	113.0	05771	.7	.7	4A0	3.02	.34	.07	.60	8.00		.34										
113.0	114.0	05772	1.0	1.0	4C0	3.19	.21	.06	.28	8.00		.27										
114.0	116.0	05773	2.0	2.0	4A0	2.89	.09	.06	.33	4.00		.21										
116.0	118.0	05774	2.0	2.0	4A0	2.97	.15	.07	.64	8.00		.27										
118.0	120.0	05775	2.0	2.0	4A0	2.92	.13	.06	.37	6.00		.34										
120.0	122.0	05776	2.0	2.0	4A0	2.85	.04	.01	.64	3.00		.21	2	4	7							
122.0	124.0	05777	2.0	2.0	4A0	3.04	.15	.02	.59	4.00		.34	2	10	13							
124.0	125.7	05778	1.7	1.7	4A0	3.22	.17	1.48	1.11	22.00	20.00	1.10	1	11	12							
125.7	128.0	05779	2.3	2.3	4E0	4.68	.40	2.50	1.16	40.00		1.44	1	40	41							
128.0	129.7	05780	1.7	1.7	4E4	4.67	.33	3.90	1.73	66.00		1.71	1	39	40							
129.7	131.0	05781	1.3	1.3	4E0	4.69	.42	1.41	1.42	30.00		1.58	2	41	43							
131.0	132.3	05782	1.3	1.3	4E0	4.85	.36	1.77	1.58	33.00		1.65	1	42	43							
132.3	134.3	05783	2.0	2.0	4EC	4.03	.23	1.23	1.21	32.00		1.30	2	29	31							
134.3	136.0	05784	1.7	1.7	4EC4	3.90	.23	3.20	3.90	56.00		1.71	1	25	26							
136.0	138.0	05785	2.0	2.0	4EA4	4.22	.25	3.70	4.10	87.00		1.85	1	26	27							

DDH: FAGA211 UTM-N: 904,722.8 UTM-E: 592,506.7 UTM-ELEV: 1,276.7 TOTAL DEPTH: 261.2 SECTION: W 63
 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 %	S.G. W.R.
138.0	140.0	05786	2.0	2.0	4EA4	3.79	.29	2.60	4.30	63.00		1.92	1	29	31						
140.0	141.6	05787	1.6	1.6	4EA	4.33	.27	1.14	1.36	26.00		1.17	1	33	34						
141.6	143.3	05788	1.7	1.7	4EA4	4.19	.37	3.00	3.60	56.00	50.00	1.78	1	27	28						
143.3	143.8	05789	.5	.5	4C74	3.80	.40	9.00	11.50	141.00		1.17	10	9	19						
174.0	175.8	05790	1.8	1.8	4CE84	3.93	.28	2.90	2.50	45.00		.14									
202.0	204.2	05791	2.2	2.2	4G4	4.21	.16	5.50	7.60	86.00		1.51	2	15	17						
204.2	206.2	05792	2.0	2.0	4E84	4.31	.32	3.80	3.29	60.00		1.44	7	27	34						
206.2	208.1	05793	1.9	1.9	4E84	4.14	.34	2.50	2.64	38.00		1.17	8	27	35						

WEIGHTED AVERAGE

53.3	143.8	90.5	90.5			3.61	.20	2.25	4.06	44.62	2.58	.93	1	14	15						
174.0	175.8	1.8	1.8			3.93	.28	2.90	2.50	45.00		.14									
202.0	208.1	6.1	6.1			4.22	.26	4.00	4.64	62.52		1.38	6	22	28						

20MAR84 GRUM

DOWN-HOLE SURVEYS (DF020)

PAGE: 45

DDH: FAGA211 UTM-N: 904,722.8 UTM-E: 592,506.7 UTM-ELEV: 1,276.7 TOTAL DEPTH: 261.2 SECTION: W 63
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
61.900	176.000	32.000
98.500	176.000	48.000
125.900	174.000	63.000
162.500	174.000	53.000
189.900	172.000	53.000
226.500	170.500	55.000
253.900	170.000	49.000

DDH: FAGA211 UTM-N: 904,722.8 UTM-E: 592,506.7 UTM-ELEV: 1,276.7 TOTAL DEPTH: 261.2 SECTION: W 63
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
53.3	OC01	#		0.5-	1
53.8	OC02	4E0		0.5-	1
58.6	OC03	4D43	BXA	0.5-	1
60.8	OC04	4E0	84 BXA	0.5-	1
62.4	OC05	4D43		0.5-	1
65.1	OC06	4C3	BXA	0.5-	1
66.3	OC07	4G4	BXA	0.5-	1
68.9	OC08	4D34	[4D4 (4E0) 50:50] [4E14] [4DE]	0.5-	1
70.6	OC09	4E4	BXA & POROUS	0.5-	1
72.0	OC10	4D435	[4D4 (4A4) 50:50] [4CA]	0.5-	1
73.8	OC11	4C3		0.5-	1
76.3	OC12	4A3		0.5-	1
81.5	OC13	4C350	[4C0 (4A0) 50:50] [4CA]	0.5-	1
83.2	OC14	4C3		0.5-	1
85.7	OC15	4C35	[A.A.]	0.5-	1
89.7	OC16	4D35	[A.A.]	0.5-	1
92.8	OC17	4A0	-> 4A4 -> 4A3	0.5-	1
96.3	OC18	4C3		0.5-	1
110.6	OC19	4A0	-> 4A3 (4C0)(4E0) BOTH MINOR	0.5-	1
113.0	OC20	4A0		0.5-	1
114.0	OC21	4C0		0.5-	1
125.7	OC22	4A0	84 AT E.O.I.	0.5-	1
132.3	OC23	4E0		0.5-	1
136.0	OC24	4E1	85 [4E0 (4C0)(4AC) 70:30:10]	0.5-	1
143.3	OC25	4E15	[4E0 (4A0) 70:30]	0.5-	1
143.8	OC26	4D73	BXA	0.5-	1
145.7	OC27	4L0		0.5-	1
159.0	OC28	5B6	-> 5B64 AT E.C.I.	0.5-	1
160.8	OC29	4L0		0.5-	1
161.2	OC30	4E7		0.5-	1
163.2	OC31	4L0		0.5-	1
166.0	OC32	5B6	-> (4C0)	0.5-	1
169.2	OC33	4L0		0.5-	1
169.9	OC34	4A0	?	0.5-	1
171.5	OC35	5B6		0.5-	1
174.0	OC36	4L0	-> 4L2 LOCALLY (4C0) MINOR	0.5-	1
175.0	OC37	4C0		0.5-	1
175.8	OC38	4E8		0.5-	1
177.9	OC39	4L0	-> 4L3 LOCALLY	0.5-	1
181.7	OC40	5B6		0.5-	1
185.9	OC41	5A6		0.5-	1
195.1	OC42	4L0	-> 4L2 -> 4L12 LOCALLY	0.5-	1
198.3	OC43	5C0	84	0.5-	1
202.0	OC44	4L0	(5B2) MINOR	0.5-	1
204.2	OC45	4G0		0.5-	1
208.1	OC46	4E84	-> 4E14 LOCALLY	0.5-	1
211.4	OC47	4L0		0.5-	1
213.4	OC48	5C6	MOTTLED	0.5-	1
214.0	OC49	4L0		0.5-	1
214.7	OC50	4E15	? [4E0 (4A0) 50:50]	0.5-	1
219.9	OC51	4L0		0.5-	1

DDH: FAGA211 UTM-N: 904,722.8 UTM-E: 592,506.7 UTM-ELEV: 1,276.7 TOTAL DEPTH: 261.2 SECTION: W 63
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
221.9	0052	5B6	84	0.5-	1
224.5	0053	5B68	? [5BD]	0.5-	1
226.9	0054	5B6		0.5-	1
229.2	0055	5B6	?	0.5-	1
230.1	0056	4LC	?	0.5-	1
251.9	0057	3FC		0.5-	1
261.2	0058	3GC	BIO STAUR. SCH.	0.5-	1

DDH: FAGA211 UTM-N: 904,722.8 UTM-E: 592,506.7 UTM-ELEV: 1,276.7 TOTAL DEPTH: 261.2 SECTION: W 63
 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	
FAGA211	0.0	69.2	PS2		0	0	54	230	C	1	1	1
FAGA211	68.9	74.6	PS2	P	0	0	0	0	C	1	1	1
FAGA211	0.0	74.6	PS2		0	0	46	230	C	1	1	1
FAGA211	74.6	78.2	CS2	M	0	0	0	C	C	1	1	1
FAGA211	0.0	80.0	PS2		0	0	23	230	C	1	1	1
FAGA211	0.0	85.5	PS2		0	0	31	230	C	1	1	1
FAGA211	78.2	90.7	PS2	P	0	0	0	C	C	1	1	1
FAGA211	0.0	90.7	CS2		0	0	70	230	C	1	1	1
FAGA211	90.7	92.8	CS2	Z	0	0	0	C	C	1	1	1
FAGA211	0.0	96.4	PS2		0	0	53	230	C	1	1	1
FAGA211	92.8	99.4	PS2	P	0	0	0	0	C	1	1	1
FAGA211	0.0	101.7	CS2		0	0	56	230	C	1	1	1
FAGA211	99.4	105.0	CS2	S	0	0	0	C	C	1	1	1
FAGA211	0.0	107.4	CS2		0	0	66	230	C	1	1	1
FAGA211	105.0	112.9	CS2	M	0	0	0	0	C	1	1	1
FAGA211	0.0	112.9	CS2		0	0	64	230	C	1	1	1
FAGA211	112.9	114.2	PS2	P	0	0	0	0	C	1	1	1
FAGA211	0.0	117.6	CS2		0	0	61	230	C	1	1	1
FAGA211	114.2	119.2	CS2	M	0	0	0	0	C	1	1	1
FAGA211	0.0	123.9	CS2		0	0	70	230	C	1	1	1
FAGA211	119.2	125.6	CS2	Z	0	0	0	C	C	1	1	1
FAGA211	0.0	129.6	PS2		0	0	76	230	C	1	1	1
FAGA211	0.0	136.3	PS2		0	0	66	230	C	1	1	1
FAGA211	0.0	142.2	PS2		0	0	70	230	C	1	1	1
FAGA211	125.6	144.1	PS2	P	0	0	0	0	C	1	1	1
FAGA211	0.0	148.3	CS2		0	0	50	230	C	1	1	1
FAGA211	0.0	153.6	CS2		0	0	69	230	C	1	1	1
FAGA211	0.0	160.0	CS2		0	0	67	230	C	1	1	1
FAGA211	144.1	165.6	CS2	Z	0	0	0	0	C	1	1	1
FAGA211	0.0	165.6	CS2		0	0	67	230	C	1	1	1
FAGA211	0.0	170.4	PS2		0	0	54	230	C	1	1	1
FAGA211	165.6	172.0	PS2	P	0	0	0	C	C	1	1	1
FAGA211	172.0	173.0	CS2	Z	0	0	0	0	C	1	1	1
FAGA211	173.0	176.4	PS2	P	0	0	0	0	C	1	1	1
FAGA211	0.0	176.4	PS2		0	0	67	230	C	1	1	1
FAGA211	176.4	181.7	CS2	Z	0	0	0	0	C	1	1	1
FAGA211	0.0	181.7	PS2		0	0	52	230	C	1	1	1
FAGA211	0.0	183.5	PS2		0	0	55	230	C	1	1	1
FAGA211	0.0	188.7	PS2		0	0	75	230	C	1	1	1
FAGA211	0.0	195.1	PS2		0	0	59	230	C	1	1	1
FAGA211	0.0	199.5	PS2		0	0	73	230	C	1	1	1
FAGA211	0.0	205.7	PS2		0	0	53	230	C	1	1	1
FAGA211	0.0	211.4	PS2		0	0	77	230	C	1	1	1
FAGA211	0.0	216.6	PS2		0	0	65	230	C	1	1	1
FAGA211	0.0	222.1	PS2		0	0	63	230	C	1	1	1
FAGA211	0.0	230.2	PS2		0	0	70	230	C	1	1	1
FAGA211	0.0	236.5	PS2		0	0	68	230	C	1	1	1
FAGA211	0.0	242.6	PS2		0	0	71	230	C	1	1	1
FAGA211	0.0	248.9	PS2		0	0	81	230	C	1	1	1
FAGA211	0.0	255.1	PS2		0	0	82	230	C	1	1	1
FAGA211	181.7	261.2	PS2	P	0	0	80	230	C	1	1	1

DDH: FAGA211 UTM-N: 904,722.8 UTM-E: 592,506.7 UTM-ELEV: 1,276.7 TOTAL DEPTH: 261.2 SECTION: W 63
 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
FAGA211	53.8	68.9	D		0	0	0	1
FAGA211	0.C	143.8	G		0	0	0	1
FAGA211	169.2	169.9	RP		0	0	0	1
FAGA211	174.C	175.0	3B		0	0	0	1
FAGA211	181.7	185.9	B		0	0	0	1
FAGA211	226.9	230.1	G3F		0	0	0	1

20MAR84 GRUM

DOWN-HOLE SPLINES (DHO20)

PAGE: 50

DDH: FAGA211 UTM-N: 904,722.8 UTM-E: 592,506.7 UTM-ELEV: 1,276.7 TOTAL DEPTH: 261.2 SECTION: W 63
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH SEGMENT NOS COND INDICATOR

FAGA211	1	2
FAGA211	2	2
FAGA211	3	2
FAGA211	4	2
FAGA211	5	2
FAGA211	6	2
FAGA211	7	2
FAGA211	8	1

**THIS REPORT WAS REQUESTED BY: LEEP .GEOLOGY AT: 14:34:14

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 80-A211

Project: GRUM

Location: VANGORDA PLAT

Claim: _____

UTM Terr. Plane
Co-ords.: 6904722.806 N

CAMC Mine Survey
Co-ords.: 592506.726 E

Grid
Co-ords.: 63W/2N

Elevation: 1276.749m

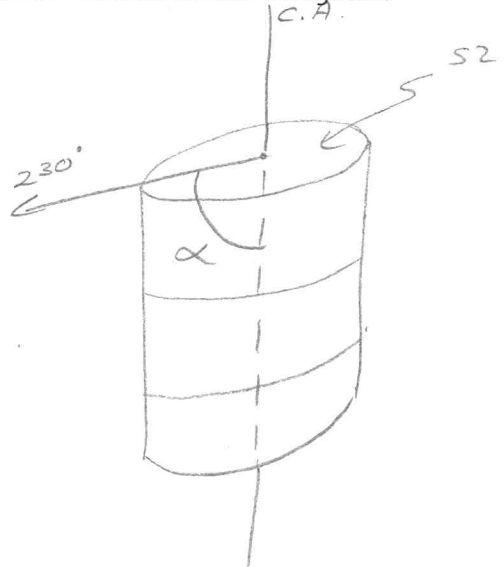
Total Depth: 261.2m.

Purpose: _____

Logged by: DJH Date(s) Logged: _____

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

Fabric Orientation Diagram:



All symmetry determinations looking

NW with S2 dipping

SW with dip azimuth 230°.

Started: _____ Completed: _____

Lithologic Log

Logged By: DJH.

Code	From		To		Unit		Code	Description
	10	14	16	20	22	23		
L	100		1533		1		#	tricmed
L	1533		1538		2		4E0	
L	1538		1586		3		4D4	~60-70% tot sdes (py ≈ sph >> gal); micro bxia?
L	1586		1608		4		4E0	bxia w/ m.sde matrix
L	1608		1624		5		4D4	cf. unit 3
L	1624		1651		6		4C0	40-50% sde (py >> sph > gal); honey coloured sph?; bxia.
L	1651		1663		7		4G0	bxia.
L	1663		1689		8		4DE	50:50 4D4:4E0; 4E is generally porous & gritty; bxia
L	1689		1706		9		4EA	weakly porous & gritty; no bxia.
L	1706		1720		10		4DA	50:50 4D4:4A4
L	1720		1738		11		4C0	50-60% tot. sdes (py >> sph > gal)
L	1738		1763		12		4A0	30-40% tot. sdes
L	1763		1815		13		4CA	50:50 4C0:4A0; 30-40% tot. sdes.
L	1815		1832		14		4C0	cf. unit 11
L	1832		1857		15		4CA	cf. unit 13
L	1857		1897		16		4DA	50:50 4D0:4A0; minor 4DA4 bxia.
L	1897		1928		17		4A0	→ 4A4 locally; 20-30% tot. sdes.
L	1928		1963		18		4C0	40-50% tot. sdes.
L	1963		1106		19		4A0	w/ minor 4C & 4E. bands; 20-30% tot. sdes.
L	1106		1130		20		4A0	as unit 19 only 10-20% tot. sdes.
L	1130		1140		21		4C0	20-25% tot. sdes.
L	1140		1257		22		4A0	15-20% tot. sdes; minor 4A4 towards EOT.
L	1257		1323		23		4E0	
L	1323		1360		24		4EC	70:20:10 4E0:4C0:4A0
L	1360		1433		25		4EA	→ 4EA4 locally; 70:30 4E0:4A0; 4A content decreasing towards E.O.T.
L	1433		1438		26		4D7	bxia w/ 4EA & 4A0 matrix; ~70% tot. sdes.
L	1438		1457		27		4L0	no sdes; gouge @ upper ct.
L	1457		1590		28		5B16	- weakly altered towards EOT.
L	1590		1608		29		4L0	strong ser. alt'n.

mining camps,

1) Faro

- layers of lead zinc & silver minerals
in sediments. & minor volcs.
- bottom of ocean

2) Whse Cu.

- skarn (limestone & granite)

3) United Keno.

- silver veins.

Lithologic Log

Logged By: D.J.H.

Code	From		To		Unit		Code	Description
	10	14	16	20	22	23		
L	1160	8	1161	23	04	E7		
L	1161	2	1163	23	14	L0		cf unit 29
L	1163	2	1166	03	25	B6		w/50% 4L0 (weak ser. alt'n)
L	1166	0	1169	23	34	L0		cf units 29,31
L	1169	2	1169	93	44	A0		? - only a few chips rec.
L	1169	9	1171	53	55	B6		cf unit 32
L	1171	5	1174	03	64	L0		→ 4L2 loc. ; cf. units 29,31,33 ; minor 4C0
L	1174	0	1175	03	74	C0		heavily broken core.
L	1175	0	1175	83	84	E8		
L	1175	8	1177	93	94	L0		cf units 29,31,33,36 ; → 4L3 locally in soft zones
L	1177	9	1181	74	05	B6		
L	1181	7	1185	94	15	A6		heavily mashed
L	1185	9	1195	14	24	L0		cf. units 29,31,33,36,39 ; → 4L2 and 4L12 locally.
L	1195	1	1198	34	35	D3		w/ 5D4 at T.O.I.
L	1198	3	1202	04	44	L0		cf unit 42 ; one small band of 5B2
L	1202	0	1204	24	54	G0		
L	1204	2	1208	14	64	E8		→ 4E1 locally ; 3% mag. lams and porphs.
L	1208	1	1208	14	74			; sph rich last 0.2 m.
L	1208	1	1211	44	74	L0		cf. units 29,31,33,36,39
L	1211	4	1213	44	85	D6		mottled ; 5C6?
L	1213	4	1214	04	94	L0		cf. units 29,31,33,36,39,47
L	1214	0	1214	75	04	E4		50:50 4E0:4A0
L	1214	7	1219	95	14	L0		cf. units 29,31...etc
L	1219	9	1221	95	25	B6		weak ser. alt'n.
L	1221	9	1224	55	35	B0		? strong qtz-carb veining.
L	1224	5	1226	95	45	B6		
L	1226	9	1229	25	55	B6		? clay & graph. gouge zone (fault?)
L	1229	2	1230	15	64	L0		? clay & talc gouge zone (fault?)
L	1230	1	1251	95	73	F0		
L	1251	9	1261	25	83	G0		musc-bio-staur. schist.

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	
									o/B 0-53.3m.
									Bxia 53.3 - 68.9 no sym
									no S2
S			1692	PSI2			514	2130	R region 68.9 - 74.6
S			1746	FR2R			416	2130	M region 74.6 - 78.2
S			1782	FR2M					R region 78.2 - 90.7
S			1800	PSI2			213	2130	
S			1855	PSI2			311	2130	
S			1907	FR2R			710	2130	Z region 90.7 - 92.8
S			1928	FR2Z					R region 92.8 - 99.4
S			1964	PSI2			513	2130	
S			1994	FR2R					S region 99.4 - 105.0
S			11017	CISI2			516	2130	
S			11050	FR2S					M region (equal S&Z)
S			11074	CISI2			616	2130	105.0 - 112.9
S			11129	FR2M			614	2130	R region 112.9 - 114.2
S			11142	FR2R					M region (equal S&Z)
S			11176	CISI2			611	2130	114.2 - 119.2
S			11192	FR2M					Z region 119.2 - 125.6
S			11239	CISI2			710	2130	
S			11256	FR2Z					R region 125.6 - 144.1
S			11296	PSI2			716	2130	
S			11363	PSI2			616	2130	
S			11422	PSI2			710	2130	
S			11441	FR2R					Z region 144.1 - 165.6
S			11483	CISI2			510	2130	
S			11536	CISI2			619	2130	
S			11600	CISI2			617	2130	
S			11656	FR2Z			617	2130	PS2 region 165.6 - 172.0
S			11704	PSI2			514	2130	
S			11720	FR2P					Z region 172.0 - 173.0
S			11730	FR2Z					R region 173.0 - 176.4
S			11764	FR2R			617	2130	Z region 176.4 - 181.7
S			11817	FR2Z			722	2130	R region 181.7 - 185.9
S			11835	PSI2			555	2130	
S			11859	FR2R					PS2 region 185.9 - 195.1

Structural Log

Code	From		To		Feature	SYM	S ₁		S ₂		Description
	10	14	16	20			22	24	26	28	
S				118	7	PS2			75	230	
S				195	1	F2P			59	230	R region 195.1-198.3
S				198	3	F2R					PS2 region 198.3-202.0
S				199	5	PS2			73	230	
S				202	0	F2P					R region 202.0-208.2
S				205	7	PS2			53	230	
S				208	2	F2R					PS2 region 208.2-211.4
S				211	4	F2P			77	230	R region 211.4-214.8
S				214	8	F2R					PS2 region 214.8-226.9
S				216	6	PS2			65	230	
S				222	1	PS2			63	230	
S				226	9	F2P					
											Gouge zone 226.9-230.2
											-nosym nos2
S				230	2	PS2			70	230	PS2 region 230.2-261.2
S				236	5	PS2			68	230	
S				242	6	PS2			71	230	
S				248	9	PS2			81	230	
S				255	1	PS2			82	230	
S				261	2	F2P			80	230	
						E104					

DDH 80-A211
2 8Cyprus Anvil Mining Corp.
Geochemical Log (Sampler's Copy)Page 7 of 8
Logged By: DJH.
Sampled By: _____

Code	From	To	Sample No.	Description					
1	10	14	16	20	22	27	Length	Rec.	Unit.
P	1513	1513	1515	1515	1517	1515	2.0	2.0	4DE
P	1515	1515	1517	1517	1517	1516	2.0	2.0	4D4
P	1517	1517	1518	1518	1517	1517	1.3	1.3	4D4
F	1518	1518	1519	1519	1517	1518	1.1	1.1	4EO
P	1519	1519	1608	1608	1517	1519	1.1	1.1	4EO
P	1608	1608	1624	1624	1517	1610	1.6	1.6	4D4
P	1624	1624	1636	1636	1517	1611	1.2	1.2	4CO
P	1636	1636	1651	1651	1517	1612	1.5	1.5	4CO
P	1651	1651	1663	1663	1517	1613	1.2	1.2	4GO
D	1663	1663	1676	1676	1517	1614	1.3	1.3	4DE
P	1676	1676	1689	1689	1517	1615	1.3	1.3	4DE
D	1689	1689	1706	1706	1517	1616	1.7	1.7	4E4
P	1706	1706	1720	1720	1517	1617	1.4	1.4	4DA
P	1720	1720	1738	1738	1517	1618	1.8	1.8	4CO
P	1738	1738	1751	1751	1517	1619	1.3	1.3	4AO
P	1751	1751	1763	1763	1517	1620	1.2	1.2	4AO
P	1763	1763	1783	1783	1517	1621	2.0	2.0	4CA
P	1783	1783	1803	1803	1517	1622	2.0	2.0	4CA
P	1803	1803	1815	1815	1517	1623	1.2	1.2	4CA
P	1815	1815	1832	1832	1517	1624	1.7	1.7	4CO
P	1832	1832	1844	1844	1517	1625	1.2	1.2	4CA
P	1844	1844	1857	1857	1517	1626	1.3	1.3	4CA
P	1857	1857	1877	1877	1517	1627	2.0	2.0	4DA
P	1877	1877	1897	1897	1517	1628	2.0	2.0	4DA
P	1897	1897	1912	1912	1517	1629	1.5	1.5	4AO
F	1912	1912	1928	1928	1517	1630	1.6	1.6	4AO
P	1928	1928	1945	1945	1517	1631	1.7	1.7	4CO
P	1945	1945	1963	1963	1517	1632	1.8	1.8	4CO
D	1963	1963	1983	1983	1517	1633	2.0	2.0	4AO
P	1983	1983	11003	11003	1517	1634	2.0	2.0	4AO
P	11003	11003	11023	11023	1517	1635	2.0	2.0	4AO
P	11023	11023	11043	11043	1517	1636	2.0	2.0	4AO
P	11043	11043	11063	11063	1517	1637	2.0	2.0	4AO
P	11063	11063	11083	11083	1517	1638	2.0	2.0	4AO
P	11083	11083	11103	11103	1517	1639	2.0	2.0	4AO
F	11103	11103	11123	11123	1517	1640	2.0	2.0	4AO

DDH: FAGA211 -- 42 DEGREE PROFILE

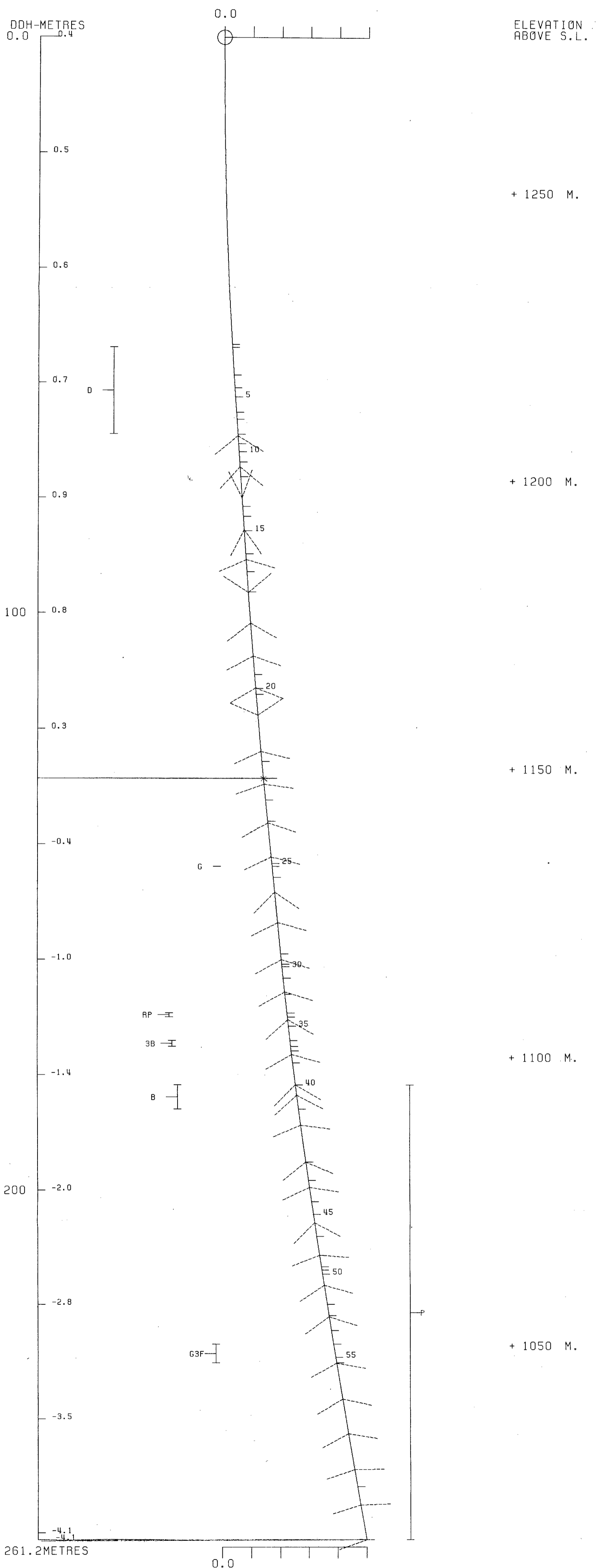
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1277 592507E ; 904723N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 435.2 Z = 1276.8

SECTION NAME: 63W



DDH: FAGA211 -- 42 DEGREE PROFILE

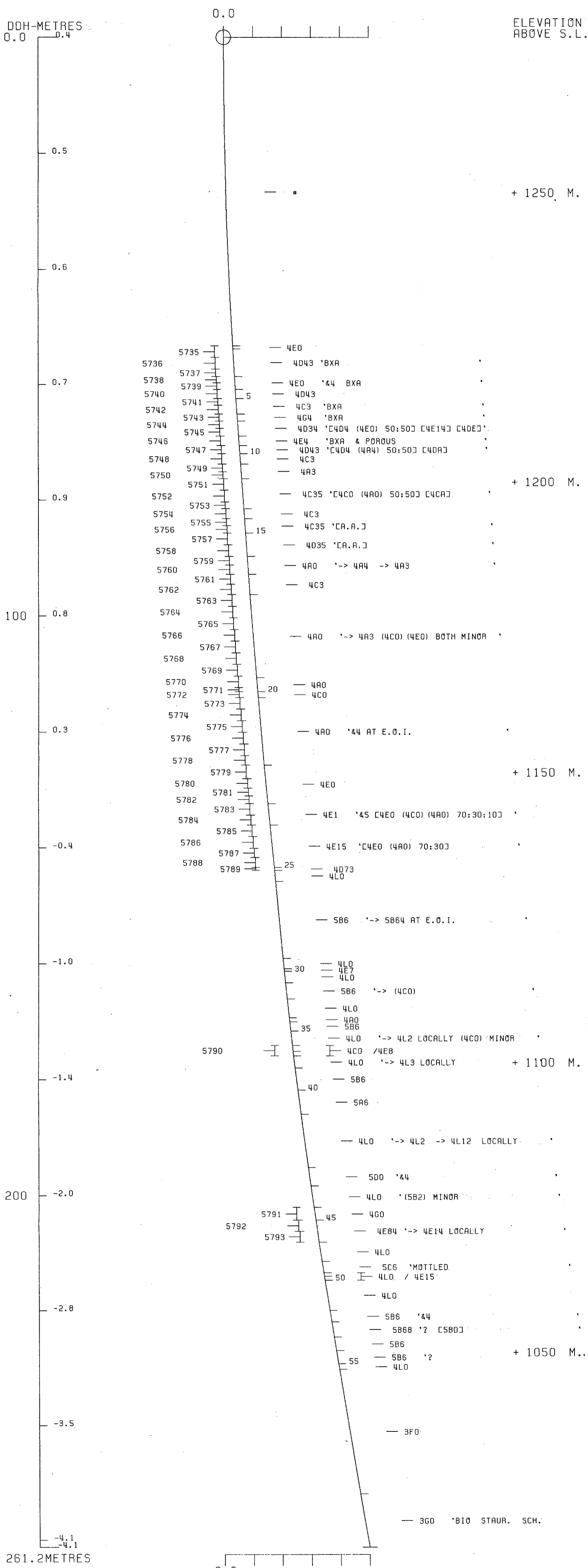
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1277 592507E; 904723N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 435.2 Z = 1276.8

SECTION NAME: 63W



FAGU 074

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															
FAGU074	92164	56.5	57.9	1.4	86	4A134			3.38	3.52	44.2					6.90		.51
	92165	57.9	59.2	1.3	100	4A13			.85	1.40	13.0					2.25		.62
	92166	59.2	60.5	1.3	100	4A134			3.33	5.40	35.3					8.73		.62
	92167	60.5	61.6	1.1	100	4A13			1.72	1.85	23.3					3.57		.52
	92168	67.9	69.3	1.4	100	4C3			.11	.68	11.0					.79		.86
	92169	69.3	70.6	1.3	100	4C3			.12	.45	8.9					.57		.79
	92170	70.6	71.9	1.3	100	4C3			.32	1.20	17.1					1.52		.79
	92171	71.9	73.1	1.2	100	4C3			.70	1.15	6.2					1.85		.62
	92172	73.1	74.5	1.4	100	4C3			.05	.73	8.2					.78		.94
	92173	74.5	75.7	1.2	100	4C3			.80	1.90	30.2					2.70		.70
	92174	75.7	77.0	1.3	100	4C3			.49	1.73	23.3					2.22		.78
	92175	77.0	78.6	1.6	87	4C3			.45	1.58	21.3					2.03		.78
	92176	78.6	79.9	1.3	100	4C3			.48	1.40	16.1					1.88		.74
	92177	79.9	81.5	1.6	100	4C3			.09	.60	11.0					.69		.87
	92178	81.5	82.8	1.3	100	4C3			.49	2.33	15.1					2.82		.83
	92179	82.8	84.3	1.5	100	4C3			.08	.45	7.2					.53		.85
	92180	84.3	85.6	1.3	100	4C3			.07	.68	7.2					.75		.91
	92181	85.6	86.8	1.2	100	4C3			.10	.67	8.9					.77		.87
	92182	86.8	88.2	1.4	100	4C3			.08	.58	8.9					.66		.88
	92183	88.2	91.4	3.2	100	4C3			.50	.75	17.1					1.25		.60
92184	96.8	97.5	.7	100	4A0			.62	1.00	28.5					1.62		.62	
92185	103.1	104.5	1.4		4L124			1.67	2.28	26.4					3.95		.58	
92186	104.5	105.9	1.4		4L124			2.25	2.78	34.3					5.03		.55	

DRILL HOLE : FAGU074
NORTHING : 904,808.5
EASTING : 592,427.3
ELEVATION : 1,164.3
TOTAL DEPTH : 107.9
SECTION : W 67
R.F.E. : S2
PFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 0

DETAIL RECORD COUNTS:

NOS ORE-SAMPLES: 23
NOS DOWN-H-SURVEYS: 4
NOS DOWN-H-LITHOLOGY: 12
NOS DOWN-H-STRUCTURE: 0
NOS DOWN-H-FAULTS: 26
NOS DOWN-H-SFLINES: 4
NOS COMPOSITES: 0

LCH: FAG0074 UTM-N: 9047808.3 UTM-E: 5927427.3 UTM-ELEV: 17164.3 TOTAL DEPTH: 107.9 SECTION: W 67
 RFE: S2 RFE DIR: 250 PLUNGE ANGLES: 11 312 BHD CALC: 1 SS CALC: 0

DEPTH	ZENITH	AZIMUTH
0.000	81.600	149.800
45.700	87.300	149.000
70.200	88.700	149.000
100.700	91.000	149.000

DDH: FAG0074 UTM-N: 904,908.5 UTM-E: 592,427.3 UTM-ELEV: 1,184.3 TOTAL DEPTH: 107.9 SECTION: W 67
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 0

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
21.0	0001	3GC	(1000 3*)	0.5-	1
22.7	0002	4C5	WEASEL ROCK	0.5-	1
53.5	0003	4AC		0.5-	1
61.2	0004	4A13	84 RUBBLE	0.5-	1
91.4	0005	4C3	(400) LOCAL	0.5-	1
96.7	0006	3GC		0.5-	1
97.6	0007	4AC	83	0.5-	1
99.0	0008	4LC		0.5-	1
103.0	0009	3GC		0.5-	1
106.0	0010	4L12	(4E44 BXA [4JC VEIN])	0.5-	1
107.3	0011	3GC		0.5-	1
107.9	0012	4E47	MICROBXA	0.5-	1

DDH: FAGUC74 UTM-N: 904788.5 UTM-E: 592747.3 UTM-ELEV: 17164.3 TOTAL DEPTH: 107.9 SECTION: W 67
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 0

DDH	F DEPTH	T DEPTH	FEAT	REC	CD	PARLL	UPPER PLANE	INTERNAL PLANE	LOWER PLANE	DHC	
FAGUC74	0.1	1.5	P	3			0	0	0	0	1
FAGUC74	3.0	4.6	P	7			0	0	0	0	1
FAGUC74	9.4	10.1	3GQ				0	0	0	0	1
FAGUC74	14.1	14.6	1G				0	0	0	0	1
FAGUC74	16.9	17.5	G				45	180	0	0	1
FAGUC74	19.2	19.7	1G				99	999	99	999	1
FAGUC74	21.0	21.3	G				0	0	0	0	1
FAGUC74	22.4	22.6	R				0	0	0	0	1
FAGUC74	21.0	22.7	3BP	5			0	0	0	0	1
FAGUC74	22.7	25.5	X				0	0	0	0	1
FAGUC74	22.7	32.0	P	8			0	0	0	0	1
FAGUC74	39.3	39.6	3X				0	0	0	0	1
FAGUC74	42.4	42.9	3X				0	0	0	0	1
FAGUC74	45.7	50.5	RP	3			0	0	0	0	1
FAGUC74	51.5	51.9	3B				0	0	0	0	1
FAGUC74	32.0	53.5	1XQ				0	0	0	0	1
FAGUC74	55.1	56.6	X				0	0	0	0	1
FAGUC74	59.0	59.2	X				0	0	0	0	1
FAGUC74	53.5	61.2	RB				0	0	0	0	1
FAGUC74	90.9	91.4	1XQ				0	0	0	0	1
FAGUC74	91.3	91.4	1G				0	0	0	0	1
FAGUC74	96.2	96.4	FX				0	0	45	0	1
FAGUC74	103.1	103.6	B				0	0	0	0	1
FAGUC74	103.6	106.0	XD				0	0	0	0	1
FAGUC74	107.1	107.4	G				0	0	0	0	1
FAGUC74	107.8	107.9	1XD				0	0	0	0	1

DDH: FAGUC74 UTM-N: 904,908.5 UTM-E: 592,427.8 UTM-ELEV: 1,164.3 TOTAL DEPTH: 107.9 SECTION: W 67
 RFE: S2 RFE DIP: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SD CALC: 0

DDH	SEGMENT NOS	COND INDICATOR
FAGUC74	1	2
FAGUC74	2	2
FAGUC74	3	2
FAGUC74	4	1

**THIS REPORT WAS REQUESTED BY: LEEP .GEOLOGY AT: 13:41:56

67W

OFF SECTION

NO STRUCT OR ASSAY LOG

REQUIRED.

CYPRUS ANVIL MINING CORPORATION

Page 1 of 4

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: FAGU 074

Reference Fabric Orientation Diagram:

Project: GRUM

Location: 67W

Claim: _____

Terr. Plane Co-ords.: 904808.5 N

592427.3 E

Grid Co-ords: 67W

*WTM
K-A
revision of
surveyed
grid
co-ords*

All symmetry determinations looking

Elevation: 1164.4³

_____ with _____ dipping

Total Depth: 107.9

_____ with dip azimuth _____.

Purpose: _____

Reason hole Terminated: _____

Logged by: _____

Date(s) Logged: _____

Drilling Contractor: _____

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

Hole Cemented: _____

Steel down hole: _____

Started: _____ Completed: _____

Lithologic Log

Date: 17 Aug 82 Logged By: GAT/DSJ

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	100	210		1	3GD	(000±*) 0-1.5 = 0.5m recy; 3-4.6 = .4m loss 9.4-10.1 broken core & gouge indeter assoc w/ 000; 14.1-14.6 = indeterminate to 11 S ₂ 5cm thick & 5m fault; 16.9- 17.5 = gouge whole cut 45°/180 dublet cut indeter major gouge in ⊥ DDH; 19.2-19.2 upper 11 S ₂ , interval 11 S ₂ , lower S ₂ // i.e. 10cm gouge 11 S ₂ ;
L	210	227		2	4CS	prob. wall-k mineralization - Weasel Rock locally blk.; gouge 21.0-21.3 22.4-22.6 rubbly indeter; 1m recd over interval; ends in 5cm fault bria (locked)
L	227	535		3	4AO	to 25.5 = flt bria of 44 frags in blk. dct. matrix rk flour upper indeter, lower chle bria 20% core loss to 32 m; 45.7-50.5 = 1.8m recd as rubble; v. blk, locally intact only; 51.5-51.9 = blk indeter; brias & rks incp briaed everywhere, good bria zones 39.3-39.6 & 42.4-42.9; rubble " may = bria "wash outs"; unit ≈ 30% rubble
L	535	612		4	4A13	"you'll wonder where the ZNS went" rubbly & blk & partially split; bria 53.1-56.6 & 59.0-59.2 all rk flour ?? matrix - black funky
L	612	914		5	4CB	50-60% S ₂ mainly py w/ local 400 w/ky banded q-py rk w/ banded 11 c.a.; much micro bria tends to homog, unit = destroy banding long but locally intact; good recy; low cont = 10cm indeter flt gouge & last 0.5 m = chle bria; no internal bria
L	914	967		6	3GD	Gouge; 96.2-96.4 = fault @ 45° to S ₂ // c.a. bria in 96.2-96.4; S ₂ drag ⇒ dublet ↓

ASSAY LOG (SAMPLER'S COPY)

CODE	FROM		TO		SAMPLE	INTR.		REC (m)		UNIT	DESCRIPTION		
	10	14	16	20	22	26	28	30	32	34		36	40
P	156	5	157	9	92164	11	2	11	2	4A113	4		
	157	9	159	2	92165	11	3	11	3	4A113			
	159	2	160	5	92166	11	3	11	3	4A113	4		
	160	5	161	6	92167	11	1	11	1	4A113			
	167	9	169	3	92168	11	4	11	4	4C13			
	169	3	170	6	92169	11	3	11	3	4C13			
	170	6	171	9	92170	11	3	11	3	4C13			
	171	9	173	1	92171	11	2	11	2	4C13			
	173	1	174	5	92172	11	4	11	4	4C13			
	174	5	175	7	92173	11	2	11	2	4C13			
	175	7	177	0	92174	11	3	11	3	4C13			
	177	0	178	6	92175	11	6	11	4	4C13			
	178	6	179	9	92176	11	3	11	3	4C13			
	179	9	181	5	92177	11	6	11	6	4C13			
	181	5	182	8	92178	11	3	11	3	4C13			
	182	8	184	3	92179	11	5	11	5	4C13			
	184	3	185	6	92180	11	3	11	3	4C13			
	185	6	186	8	92181	11	2	11	2	4C13			
	186	8	188	2	92182	11	4	11	4	4C13			
	188	2	191	4	92183	13	2	13	2	4C13			
	196	8	197	5	92184	11	3	11	3	4A10			
	1103	1	1104	5	92185	11	4			44112	4		
	1104	5	1105	9	92186	11	4			44112	4		

Metres

FAULT

DDH F.A.G.U.074
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.	
	32	34	38	40	44													
F	109	111	115	P	3												0.5m/1.5m =	
F	130	146	P	7													1.2/1.6m	
F	194	110	181	Q													brken core & gauge 2000s. w/ 1000	
F	114	114	146	1G													IND gauge	
F	116	117	125	G					415	118	0						gauge lower contact IND	
F	119	119	127	1G					919	919	919	919	919	919	919	919	S ₂ // gauge	
F	121	121	127	3B	P	5											1m/1.7m	
F	121	121	123	G													gauge	
F	122	122	126	R													IND rubble	
F	122	122	125	X													fault bxa - 4A frags in black dolomitic matrix rock flour upper IND lower crackle bxa	
F	122	122	132	P	8												20% core loss	
F	145	150	155	R	P	3											1.8m/4.8m rubble	
F	151	151	151	3B													brken IND	
F	139	139	139	3X													good bxa zone	
F	142	142	142	3X													good bxa zone	
F	132	132	153	1X	Q												incipiently bxa to crackle bxa	
F	153	153	161	2R	B												rubble & brken bxa - rock flour	
F	155	155	156	X													bxa - rock flour	
F	159	159	159	X													bxa - rock flour	
F	190	191	194	1X	Q												crackle bxa	
F	191	191	191	1G													IND fault gauge	
F	196	196	196	4F	X					45000							fault 45° to S ₂ // c.d. bxa	
F	1103	1103	1103	6B													brken	
	1103	1103	1106	0X	D												sulph microbxa or intrusive vein	
	1107	1107	1107	4G													IND gauge	
	1107	1107	1107	9X	D												microbxa IND contacts - S ₂ folded phyll frags	

Interval		DESCRIPTION	Recovery	Sample N ^o	Interval		Sample Length	Assay					Assay x			
From	To				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag	
		65.8-66.0: Massive Py.		W. Av.	56.5	60.5	4.0	5.63	PbZn	?						
67.9	91.4	QUARTZ-SULPHIDES (P).														
		As previous but with thin bands of sphalerite and some chal-														
		copyrite; trace of pyrrhotite. Py PbZn														
		33 2.5	1.4	2605	67.9	69.3	1.4	0.11	0.68	10.97			0.79	PbZn		
		35 2	1.3	2606	69.3	70.6	1.3	0.12	0.45	3.91			0.57	PbZn		
		35 2	1.3	2607	70.6	71.9	1.3	0.32	1.20	17.14			1.52	PbZn		
		30 Tr.	1.2	2608	71.9	73.1	1.2	0.07	1.15	6.17			1.22	PbZn		
		35 2	1.4	2609	73.1	74.5	1.4	0.05	0.73	8.23			0.78	PbZn		
		35 4	1.2	2610	74.5	75.7	1.2	0.80	1.90	30.17			2.70	PbZn		
		33 4	1.3	2611	75.7	77.0	1.3	0.49	1.73	23.31			2.22	PbZn		
		30 4	1.4	2612	77.0	78.6	1.6	0.45	1.58	21.26			2.03	PbZn		
		30 3	1.3	2613	78.6	79.9	1.3	0.48	1.40	16.11			1.88	PbZn		
		TRACE OF MAGNETITE 35 3	1.6	2614	79.9	81.5	1.6	0.09	0.60	10.79			0.69	PbZn		
		37 4	1.3	2615	81.5	82.8	1.3	0.49	2.33	15.09			2.82	PbZn		
		OPEN TENSION CRACKS 25 Tr	1.5	2616	82.8	84.3	1.5	0.08	0.45	7.20			0.53	PbZn		
		35 4	1.3	2617	84.3	85.6	1.3	0.07	0.68	7.20			0.75	PbZn		
		30 3	1.2	2618	85.6	86.8	1.2	0.10	0.67	8.91			0.77	PbZn		
		SOME ANKERITE FILLED TENSION CRACKS 25 3	1.4	2619	86.8	88.2	1.4	0.08	0.58	8.91			0.66	PbZn		
		25 5	3.2	2620	88.2	91.4	3.2	0.50	0.75	17.14			1.25	PbZn		

DDH: FAGU074 -- 42 DEGREE PROFILE

(VIEW AZIMUTH = 312 DEGREES)

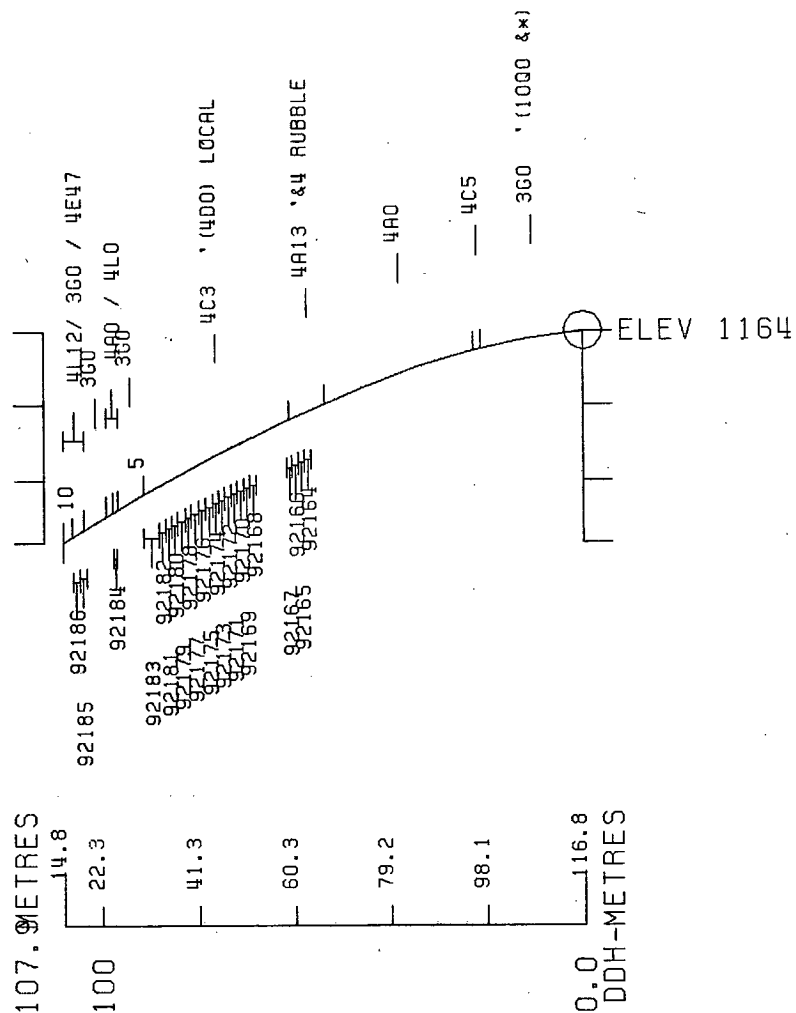
ELEV: 1164 592427E ; 904809N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 445.8 Z = 1187.0

SECTION NAME: 63W

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 22 MAY 1984 8:34 AM



DDH: FAGU074 -- 42 DEGREE PROFILE
(VIEW AZIMUTH = 312 DEGREES)

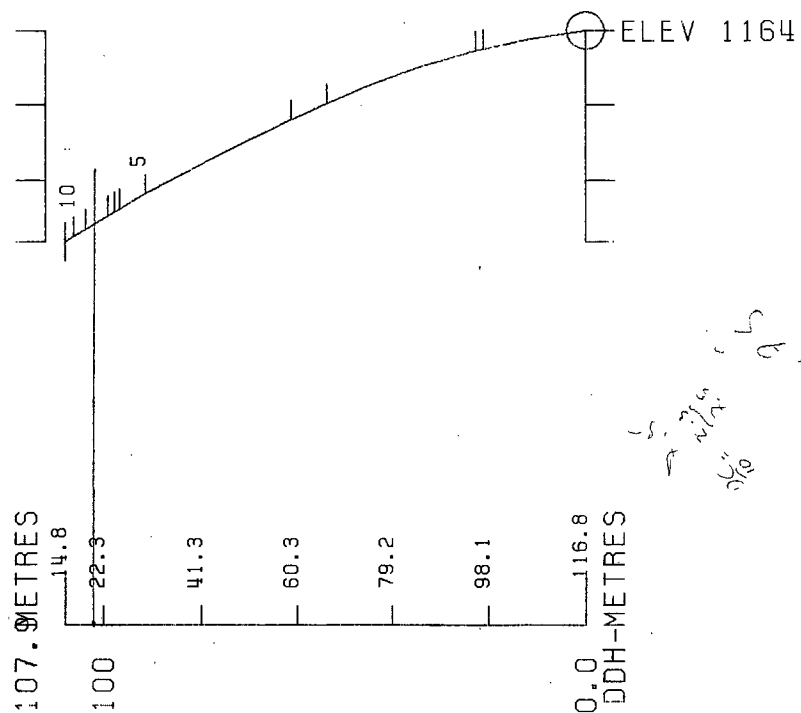
ELEV: 1164 592427E ; 904809N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 445.8 Z = 1187.0

SECTION NAME: 63W

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 22 MAY 1984 8:33 AM



FAGU 078

84/10/16

GRUM DATABASE - QUIZ REPORT

PAGE 12

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	
FAGU078	92227	38.1	39.6	1.5	93	4A31			.25	1.20	17.1							1.45	.83
	92228	44.2	45.7	1.5	87	4A31			.05	1.00	9.9							1.05	.95
	92229	50.3	51.8	1.5	100	4A31			.05	.62	5.1							.67	.93
	92230	56.1	57.6	1.5	100	4A10			.40	.42	26.4							.82	.51
	92231	64.0	65.5	1.5	100	4A31			.05	.25	4.1							.30	.83
	92232	70.1	71.6	1.5	100	4A31			.06	.37	9.9							.43	.86
	92233	77.7	79.2	1.5	93	4A31			.14	.75	8.2							.89	.84
	92234	83.8	85.3	1.5	100	4A31			.11	.55	18.2							.66	.83
	92235	89.9	91.4	1.5	100	4A31			.09	.25	9.9							.34	.74
	92236	94.9	96.5	1.6	75	4A31			1.73	2.20	28.5							3.93	.56
	92237	96.5	97.8	1.3	100	4A31			.66	1.28	20.2							1.94	.66
	92238	97.8	99.4	1.6	94	4A31			.13	.75	9.9							.88	.85

DDH	SAMPLE	ROCK UNIT	CPY	NORMATIVE MINERALS - WEIGHT %						*	CPY	NORMATIVE MINERALS - VOLUME %						
				GA	SP	PO	PY	BAR	OTHER			GA	SP	PO	PY	BAR	OTHER	
FAGUC78	92227	4A31		.29	1.79					97.92	*							
	92228	4A31		.06	1.49					98.45	*							
	92229	4A31		.06	.92					99.02	*							
	92230	4A10		.46	.63					98.91	*							
	92231	4A31		.06	.37					99.57	*							
	92232	4A31		.07	.55					99.38	*							
	92233	4A31		.16	1.12					98.72	*							
	92234	4A31		.13	.82					99.05	*							
	92235	4A31		.10	.37					99.52	*							
	92236	4A31		2.00	3.28					94.72	*							
	92237	4A31		.76	1.91					97.33	*							
	92238	4A31		.15	1.12					98.73	*							

DRILL HOLE : FAGU078
NORTHING : 904,809.0
EASTING : 592,427.9
ELEVATION : 1,164.4
TOTAL DEPTH : 106.7
SECTION : W 67
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 0

DETAIL RECORD COUNTS:

NOS CRE-SAMPLES: 12
NOS DOWN-H-SURVEYS: 4
NOS DOWN-H-LITHOLOGY: 11
NOS DOWN-H-STRUCTURE: 0
NOS DOWN-H-FAULTS: 17
NOS DOWN-H-SPLINES: 4
NOS COMPOSITES: 0

BJR: FAG0078 UTM-N: 904,809.0 UTM-E: 592,427.9 UTM-ELEV: 1,184.4 TOTAL DEPTH: 106.7 SECTION: W 67
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 0

DEPTH	ZENITH	AZIMUTH
0.000	81.200	135.800
45.700	85.800	137.000
76.200	88.000	136.000
106.700	90.000	134.000

DBH: FAGUC73 UTM-N: 904,809.0 UTM-E: 592,427.9 UTM-ELEV: 1,164.4 TOTAL DEPTH: 106.7 SECTION: W 67
 RFE: 52 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 0

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
6.5	0C01	3GC		0.5-	1
8.4	0C02	1000	3* (3GC) 85:15	0.5-	1
10.6	0C03	3GC		0.5-	1
11.2	0C04	1000	3*	0.5-	1
20.4	0C05	3GC		0.5-	1
22.8	0C06	4LC		0.5-	1
23.2	0C07	504*		0.5-	1
30.5	0C08	4AC		0.5-	1
56.1	0C09	4A31	(4E0) 95:05	0.5-	1
61.6	0C10	4A1		0.5-	1
106.7	0C11	4A31	(4E0) MINOR	0.5-	1

DDH: FAGU078 UTM-N: 9047009.0 UTM-E: 5927427.9 UTM-ELEV: 1164.4 TOTAL DEPTH: 106.7 SECTION: W 67
 RFE: S2 RFE DIR: 250 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 0

DDH	F DEPTH	T DEPTH	FEAT	REC	CD	PARLL	UPPER PLANE	INTERNAL PLANE	LOWER PLANE	DHD
FAGUC78	0.1	6.5	2B				C	C	C	1
FAGUC78	0.0	8.4	1X				O	C	O	1
FAGUC78	6.5	8.4	Q				O	C	O	1
FAGUC78	8.4	10.6	2B				O	C	O	1
FAGUC78	0.0	10.6	1G				O	O	O	1
FAGUC78	10.6	11.2	Q				C	C	O	1
FAGUC78	11.2	20.4	1B				O	C	O	1
FAGUC78	0.0	20.4	1G				C	C	O	1
FAGUC78	0.0	22.8	1G				O	C	O	1
FAGUC78	20.4	22.8	3B				O	C	O	1
FAGUC78	22.8	23.2	XBR				O	O	O	1
FAGUC78	0.0	23.2	1G				O	C	O	1
FAGUC78	23.2	36.5	B				O	C	O	1
FAGUC78	36.5	56.1	1D?				C	C	O	1
FAGUC78	60.7	61.6	D?				O	C	O	1
FAGUC78	75.0	75.8	XD?				O	C	O	1
FAGUC78	94.5	95.0	XD?				O	C	O	1
							99	999	99 999	1

DDH: FAGUC78 UTM-N: 904,109.0 UTM-E: 592,427.9 UTM-ELEV: 1,104.4 TOTAL DEPTH: 106.7 SECTION: W 67
 RFE: S2 RFE DIR: 130 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 0

DDH SEGMENT NOS COND INDICATOR

FAGUC78	1	2
FAGUC78	2	2
FAGUC78	3	2
FAGUC78	4	1

**THIS REPORT WAS REQUESTED BY: LEEP .GEOLOGY AT: 13:20:29

OFF SECTION NO
STRUCT OR ASSAY
LOG REQUIRED

67W

CYPRUS ANVIL MINING CORPORATION

Page 1 of 5

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: FAGU 078

Reference Fabric Orientation Diagram:

Project: Green

Location: 67W

Claim: _____

UTM Terr. Plane
Co-ords.:

6904809.0 N

Conversion of
K-A surveyed grid
co-ords

592427.9 E

Grid
Co-ords: _____

All symmetry determinations looking

Elevation: 1164.⁴

_____ with _____ dipping

Total Depth: 106.7

_____ with dip azimuth _____.

Purpose: _____

Reason hole Terminated: _____

Logged by: _____

Date(s) Logged: _____

Drilling Contractor: _____

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

Hole Cemented: _____

Steel down hole: _____

Started: _____ Completed: _____

Lithologic Log

Date: _____ Logged By: _____

Code	From				To				Recov.				No.	Unit	Description
	10	14	16	20	22	24	26	28	30	34	35				
L	00		16	5									1	360	normal laminarly banded w good qtz siltstone development moderately broken good recvy no gouge
L	16	5	18	4									2	090	* upper contact // S ₂ lower highly irregular partly btd. 360 banded 7.2-7.5 as unit 1
L	18	4	110	6									3	360	as unit 1 moderately broken good recvy av. angle to this point is 30-35°
L	110	6	111	2									4	01010	* intrusive lower contact at 60° to core axis (⊥ S ₂) upper is gouged IND (bit holes 1 to CA)
L	111	2	120	4									5	360	as unit 1 core broken weakly OP* veined // to S ₂ and ⊥ to CA 1% OP* - lower portion of unit weakly bleached with minor dissem py. though much of unit S ₂ // to CA S ₂ @ 30° except becoming // to CA 198-FOI
L	120	4	122	8									6	410	banded top and bottom by .05m thick gouge upper @ 70° (S ₂ // to CA there) lower contact is IND 41 is normal with S ₂ // to CA thrust heavily broken thrust minor dissem py.
L	122	8	123	2									7	504*	(micro bxa of 504X and 41A) 1cm IND gouge at FOI entire unit broken and rubble.
L	123	2	136	5									8	410	low S ₂ (20%) normal texture well banded S ₂ // S ₁ , ⊥ // to CA S ₂ ⊥ 20° to CA over interval entire unit broken but recvy generally good, no gouge zones or bad rubble zones low base metals.

Lithologic Log

Date: _____ Logged By: _____

Code	From		To		Recov.		No.		Unit	Description
	10	14	16	20	22	24	26	28	30	
L	365		561						9 4A31	= (4E0) unit generally, normal evhalative text. good strong gts s ² banding with good black gtsike laminae. minor incip bxa zones but none appear to be fault related 44.2 - 45.1 = 4E0 main zone. others are present but minor S ₁ tends to become 11 S ₂ which dip 30° to CA with only local CS ₂ in local M regions Core extremely siliceous - black "cherty" evhalites. very low in base metal. unit largely intact - box chosen as type example of "4A31" DSI" e. the type with good hard black "cherty" rich bands as opposed to the light gtsike bands
L	561		606						4A11	similar to above black "chty" granularness for gts py bands differs from above in lower py content - ~20% s ² mainly py - similar to unit 8 but has fewer light gts bands From 60.7 to FOI is Bxa zone Upper contact is IND lower is at 70° to CA (drilling artifact?) is in part sulfide in sulfide bxa with 4A 4E large specimens is incipient Bxated 4A - looks like local flow bxa of 4A s ² rich bands but part is with black cherty matrix
L	616		706						4A31	30-40% tot s ² py >>> BMS = local 4E bands esp 77.6 - 79.0 and smaller ones.

Metres

Kerr - Addison

DDH FAG4078 Cyprus Anvil Mining Corp

Page _____ of _____

ASSAY LOG (SAMPLER'S COPY)

Logged by _____

Date _____ Sampled by _____

CODE	FROM		TO		SAMPLE		INTR.		REC (m)	UNIT		DESCRIPTION
	10	14	16	20	22	26	28	30	32	34	36	
	38	1	39	6	92227		1	5	1	4	A311	
	44	2	45	7	92228		1	3	1	3	A311	
	50	3	51	8	92229		1	5	1	5	A311	
	56	1	57	6	92230		1	5	1	5	A110	
	64	6	65	5	92231		1	5	1	4	A311	
	70	1	71	6	92232		1	5	1	5	A311	
	77	7	79	2	92233		1	5	1	4	A311	
	83	3	85	3	92234		1	5	1	5	A311	
	89	9	91	4	92235		1	5	1	5	A311	
	94	9	96	5	92236		1	6	1	2	A311	
	96	5	97	8	92237		1	3	1	3	A311	
	97	8	99	4	92238		1	6	1	5	A311	

NO: U-78
 LENGTH: 106.70

LATITUDE: 10603.29
 DEPARTURE: 7732.93
 ELEVATION: 1175.07

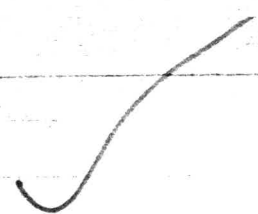
AZIMUTH: ~~135.49~~
 DIP: 8.50

TESTS:	DEPTH	DIP	AZIMUTH
	45.72	4.00	136.00
	76.20	2.00	136.00
	106.68	0.00	133.00

10,599.75 N
 7,790.10 E

INTERVAL	ASSAYS			
FROM	TO			
	PB %	ZN %	AG GM/TON	<u>F.A.</u>
00	38.10	N/A	N/A	N/A
03	39.60	.25	1.20	17.14 — 92227
07	44.20	N/A	N/A	N/A
20	45.70	.05	1.00	9.94 — 92228
30	50.30	N/A	N/A	N/A
30	51.80	.05	.62	5.14 — 92229
60	56.10	N/A	N/A	N/A
10	57.60	.40	.42	26.40 — 92230
33	64.00	N/A	N/A	N/A
00	65.50	.05	.25	4.11 — 92231
60	70.10	N/A	N/A	N/A
10	71.60	.06	.37	9.94 — 92232
60	77.70	N/A	N/A	N/A
70	79.20	.14	.75	3.23 — 92233
20	83.80	N/A	N/A	N/A
22	85.30	.11	.55	18.17 — 92234
00	89.90	N/A	N/A	N/A
00	91.40	.09	.25	9.94 — 92235
40	94.90	N/A	N/A	N/A
90	96.50	1.73	2.20	28.46 — 92236
50	97.80	.66	1.28	20.23 — 92237
80	99.40	.13	.75	9.94 — 92238
40	106.70	N/A	N/A	N/A

AZI: 135°49'



Metres

FAULT

DDH F.A.G.U.078
2 8

Cyprus Anvil Mining Corp.

Page _____ of _____

Structural Log

Date: _____ Logged By: _____

Code	From		To		Feature	E N	S ₀		S ₁		S ₂		Description	
	10	14	16	20			Dip	Direct.	Dip	Direct.	Dip	Direct.		
	10	14	16	20	22	24	26	28	32	34	38	40	44	
F		101		165	21B									mod. broken
F				184	11X									contact between 1000 & 300 partly bixiated
F		184		1106	21B									mod. broken - good recovery
F				1106	11G									gauge INO between 300 & 1000
F				165	184	Q								
F				1106	1112	Q								
F				1112	1210	411B								core broken
F					1210	411G								0.05 gauge 70° c.a.
F					1228	811G								0.05m gauge
F				1210	4122	831B								heavily broken
F				1228	8123	218R								micro bxa of 5D4 and 4A
F					1232	11G								entire unit broken & rubble 1cm INO gauge
F				1232	1316	51B								broken - recovery OK - no gauge or rubble
F				1316	5151	611D1?								minor incipient bxa zones - not fault related
F				1610	7161	61D1?								bxa zone part sulph in sulph looks like ductile flow bxa
F				1750	8175	81D1?								upper INO / lower 70° c.a. bxa - black rock flow matrix irregular contacts
F				1914	5191	501D1?	919	919	19		919	919	19	" " " contacts // S ₂

Interval		DESCRIPTION	Py	PbZn	Recovery	Sample N ^o	Interval		Sample Length	Assay					Assay x		
From	To						From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag
34.9	106.7	QUARTZ SULPHIDES (PB).															
		Interbanded sulphides and phyllite or quartz. Fine grained;															
		F perpendicular to F-F @0-20°.	20		1.4	2634	38.1	39.6	1.5	0.25	1.20	17.14			1.45	PbZn	
		1 2 2	15		4.5/4.6		39.6	44.2									
			35		1.3	2635	44.2	45.7	1.3	0.05	1.00	9.94			1.05	PbZn	
			20		4.6/4.6		45.7	50.3									
			15		1.5	2636	50.3	51.8	1.5	0.05	0.62	5.14			0.67	PbZn	
			20		4.3/4.3		51.8	56.1									
		-1% Cu, 1% Pb.	25	1	1.5	2637	56.1	57.6	1.5	0.40	0.42	26.40			0.82	PbZn	
		60.0-61.5: FAULT GOUGE.	20		4.4/6.4		57.6	64.0									
			15		1.4	2638	64.0	65.5	1.5	0.05	0.25	4.11			0.30	PbZn	
		68.7-69.4: Quartz and Pyrite breccia in phyllite	25		4.0/4.5		65.5	71.0									
		groundmass.	20		1.5	2639	70.1	71.6	1.5	0.06	0.37	9.94			0.43	PbZn	
		75.0-75.7: Breccia as previous.	20		5.9/5.9		71.6	77.7									
			35		1.4	2640	77.7	79.2	1.5	0.14	0.75	8.23			0.80	PbZn	
		80.4-81.8: Breccia as previous.	15		4.4/4.6		79.2	83.8									
		-1% Cu.	20		1.5	2641	83.8	85.3	1.5	0.11	0.55	18.17			0.66	PbZn	
		-1% Cu.	20		4.6/4.6		85.3	89.9									
		-1% Cu.	20		1.5	2642	89.9	91.4	1.5	0.09	0.25	9.94			0.34	PbZn	
		94.5-94.9: Breccia as previous.	20	Tr.	3.3/3.5		91.4	94.9									
			25	4	1.2	2643	94.9	96.5	1.6	1.73	2.20	28.46			3.93	PbZn	
			25	4	1.3	2644	96.5	97.8	1.3	0.66	1.28	20.23			1.94	PbZn.	

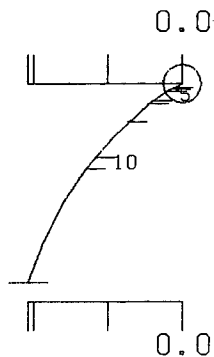
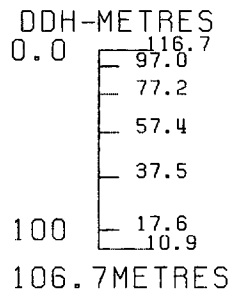
DDH: FAGU078 -- 42 DEGREE PROFILE
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1164 592428E ; 904809N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 446.6 Z = 1187.1 + 1200 M.

SECTION NAME: 63W



ELEVATION
ABOVE S.L.

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 22 MAY 1984 8:35 AM



DDH: FAGU078 -- 42 DEGREE PROFILE

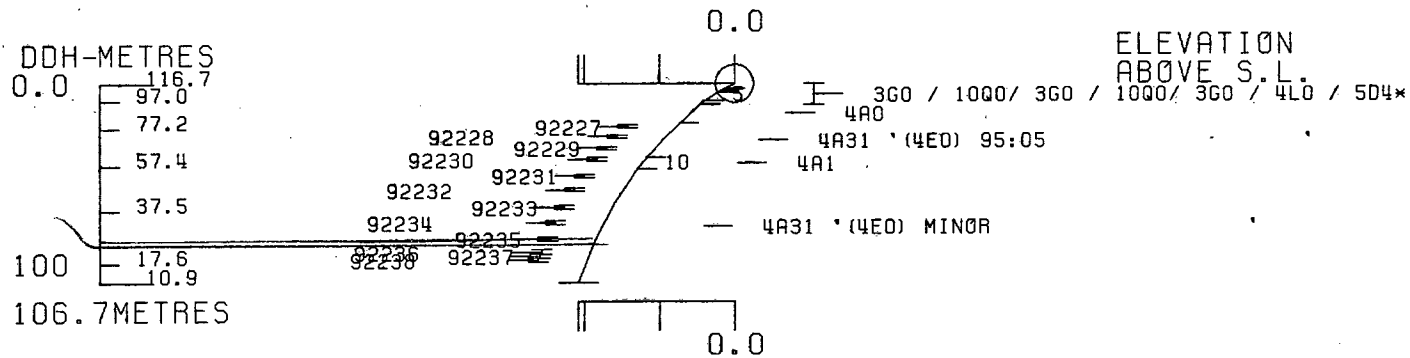
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1164 592428E ; 904809N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 446.6 Z = 1187.1
+ 1200 M.

SECTION NAME: 63W



$$x = \frac{2.4}{9} \quad (19.9)$$



CYPRUS ANVIL MINING CORPORATION
 PROGRAM DH162 22 MAY 1984 8:35 AM