

GRUM
SECTION 88W
015063

2 of 2

DRILL HOLE : FAGA127
NORTHING : 905,406.1
EASTING : 592,108.5
ELEVATION : 1,316.2
TOTAL DEPTH : 468.2
SECTION : W 88
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS ORE-SAMPLES: 46
NOS DOWN-H-SURVEYS: 7
NOS DOWN-H-LITHOLOGY: 118
NOS DOWN-H-STRUCTURE: 67
NOS DOWN-H-FAULTS: 60
NOS DOWN-H-SPLINES: 7
NOS COMPOSITES: 0

JDH: FAGA127 UTM-N: 905,406.1 UTM-E: 592,108.5 UTM-ELEV: 1,316.2 TOTAL DEPTH: 468.2 SECTION: W 88
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

---DEPTHS---		SAMPLE NO.	INT.	REC.	ROCK UNIT	ASSAYS													
FROM	TO					S.G. PULP	CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE %	BAC %	HG %	MN %	AS %	BA %	S.G. W.R.
89.4	90.5	92085	1.1	1.0	4C0			1.87	2.93	23.30									
93.5	96.5	91127	3.0	2.8	4CA			1.69	2.87	26.39									
96.5	99.5	91128	3.0	2.8	4A4			1.78	4.50	40.39									
99.5	102.5	91129	3.0	2.7	4D5			2.08	5.33	43.50									
102.5	105.5	91130	3.0	.6	4C5			1.67	2.87	25.39									
105.5	108.5	91131	3.0	3.0	4C5			1.19	3.29	26.39									
108.5	111.5	91132	3.0	3.0	4D5			1.37	3.66	25.39									
111.5	114.5	91133	3.0	3.0	4D5			1.67	4.20	38.39									
114.5	117.5	91134	3.0	3.0	4D5			1.78	4.01	35.29									
117.5	120.5	91135	3.0	2.9	4D5			1.58	3.95	29.10									
120.5	123.7	91136	3.2	3.0	4D5			2.14	4.86	38.39									
162.5	165.3	91137	3.3	3.3	4A0			1.28	3.54	23.30									
235.9	237.2	91138	1.3	1.3	4AE			5.61	9.77	85.70									
237.2	240.7	91139	3.5	3.4	4LA			.88	1.06	14.09									
240.7	242.6	91140	1.9	1.9	4A4			2.62	3.54	47.29									
242.6	244.4	91141	1.8	1.8	4D0			3.08	6.87	59.29									
245.4	246.0	91142	.6	.6	4D0			2.29	6.83	48.29									
327.5	329.5	91143	2.0	2.0	4A4			4.73	6.29	76.79									
329.5	332.4	91144	2.9	2.5	4A4			3.68	4.55	56.60									
334.2	334.6	91145	.4	.4	4E0			1.10	2.16	20.19									
334.6	336.6	91146	2.0	1.8	4E4			7.12	10.56	126.09									
336.6	337.7	91147	1.1	1.1	4EG			8.77	18.73	146.00									
337.7	339.7	91148	2.0	2.0	4EG			7.65	14.27	98.70									
339.7	341.5	91149	1.8	1.8	4EG			7.20	15.57	96.70									
341.5	343.2	91150	1.7	1.7	4AE			6.78	15.10	98.70									
343.2	345.2	91151	2.0	2.0	4AG			4.73	9.35	74.70									
345.2	347.2	91152	2.0	2.0	4AG			5.84	11.11	87.79									
347.2	348.4	91153	1.2	1.2	4G4			5.40	8.39	102.79									
401.7	402.5	91154	.8	.8	3G916			4.79	5.75	57.60									
402.5	403.4	91155	.9	.9	4G4			5.33	5.16	70.59									
403.4	403.7	91156	.3	.2	3C48			.24	.40	8.19									
403.7	404.7	91157	1.0	1.0	4G0			4.42	4.13	75.79									
404.7	406.0	91158	1.3	1.3	4G4			6.37	9.34	106.90									
406.0	408.2	91159	2.2	2.2	4E36			1.78	.88	20.19									
408.2	408.9	91160	.7	.7	4E86			.55	.53	12.00									
408.9	409.6	91161	.7	.7	4E86			7.49	5.67	65.50									
409.6	410.6	91162	1.0	1.0	4E43			5.96	6.58	60.29									
410.6	411.6	91163	1.0	1.0	4C3			.34	.29	12.00									
411.6	412.6	91164	1.0	1.0	4C3			.14	.14	8.90									
412.6	413.6	91165	1.0	1.0	4C3			1.23	.71	23.30									
413.6	414.6	91166	1.0	1.0	4C3			.42	.49	14.09									
414.6	415.6	91167	1.0	1.0	4C3			.47	1.25	15.09									
415.6	416.6	91168	1.0	1.0	4C3			1.17	.90	20.19									
416.6	417.6	91169	1.0	1.0	4C38			.75	.73	17.10									

Handwritten notes and corrections on the right side of the table:
 - 13/13 (next to 23.30)
 - 11/4 (next to 26.39)
 - 11/11 (next to 38.39)
 - 15/4 (next to 85.70)
 - 2/14 (next to 14.09)
 - 14/14 (next to 47.29)
 - 17/14 (next to 98.70)
 - 15/4 (next to 70.59)
 - 5/11 (next to 20.19)
 - 15/4 (next to 65.50)
 - 5/11 (next to 12.00)
 - 13/13 (next to 20.19)

18OCT83 GRUM

DOWN-HOLE SURVEYS (DH020)

PAGE: 4

DDH: FAGA127 UTM-N: 905,406.1 UTM-E: 592,108.5 UTM-ELEV: 1,316.2 TOTAL DEPTH: 468.2 SECTION: W 88
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
61.000	174.000	122.000
121.900	165.800	135.000
182.900	162.100	162.000
243.800	163.000	173.000
304.300	167.000	158.000
365.800	167.300	147.000

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

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
1.9	0001	#		0.5-	1
4.0	0002	5B0	88 MINOR (10Q0#) 60:40	0.5-	1
12.7	0003	5B0	82 88 BOTH MINOR (10Q0#) 90:10	0.5-	1
13.6	0004	5D0	(5B80) 70:30	0.5-	1
31.4	0005	5B0	88 MINOR (5D0)(10Q0#) 95:02:03	0.5-	1
32.9	0006	5D0		0.5-	1
61.3	0007	5B0	88 MINOR 82 MINOR (10Q0#)90:10	0.5-	1
64.6	0008	5A0	81 (5D0) 65:35	0.5-	1
67.4	0009	5D0		0.5-	1
69.8	0010	5A0	81 (5D0) 50:50	0.5-	1
76.2	0011	5D0		0.5-	1
79.2	0012	5D0		0.5-	1
80.5	0013	5B26	88 MINOR	0.5-	1
82.2	0014	5D0	(5B62) 95:05	0.5-	1
82.8	0015	5C0	8XA	0.5-	1
89.4	0016	5C6	8S	0.5-	1
90.5	0017	4C0		0.5-	1
93.4	0018	5C0	86	0.5-	1
95.0	0019	4C0		0.5-	1
99.7	0020	4A4		0.5-	1
123.7	0021	4D5	(4C5)	0.5-	1
125.0	0022	5D0	(10Q0) 90:10	0.5-	1
127.9	0023	4A4		0.5-	1
128.9	0024	5D4		0.5-	1
134.1	0025	4C5	-> (4A0)	0.5-	1
142.5	0026	4A0	84 LOCAL -> (4C5)	0.5-	1
142.8	0027	4D0	NOT SPLIT EST. 6%	0.5-	1
143.0	0028	5D4		0.5-	1
143.6	0029	4D0	NOT SPLIT 6-7% PB,ZN	0.5-	1
151.1	0030	4D5	-> (4A4)	0.5-	1
161.1	0031	3G0	89 V. MINOR	0.5-	1
161.4	0032	5D4		0.5-	1
162.5	0033	3G6	88 89 V. MINOR	0.5-	1
164.8	0034	4A0	(5A96[5B269]) 80:20	0.5-	1
206.4	0035	3G0	83 V. MINOR (3B3)	0.5-	1
208.3	0036	5D0	8# [4L65??]	0.5-	1
213.1	0037	3G4	STRINGERED ->(4L0 STR.) 60:40	0.5-	1
217.3	0038	3G0		0.5-	1
218.1	0039	3C3		0.5-	1
235.9	0040	3G0	89 V. MINOR (3B3)MINOR	0.5-	1
237.0	0041	4A0	(4A4) 50:50	0.5-	1
237.3	0042	4E44	-> [4F4]	0.5-	1
237.8	0043	4A0		0.5-	1
238.3	0044	4L1		0.5-	1
242.8	0045	4A4	80	0.5-	1
243.4	0046	4D0		0.5-	1
244.0	0047	3C0		0.5-	1
244.5	0048	4D4		0.5-	1
245.4	0049	3C3		0.5-	1
246.0	0050	4D0	(4E10) 50:50	0.5-	1
248.5	0051	3C0	(5A6)	0.5-	1

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

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
253.6	0052	5A61	9 MINOR	0.5-	1
254.6	0053	5A69	MINOR (5D4\$) 70:30	0.5-	1
257.3	0054	5A6	GOUGE	0.5-	1
260.4	0055	5B6	[3G0]	0.5-	1
266.4	0056	5D0	(5B80) 50:50	0.5-	1
269.0	0057	5B0	(5D0)TR	0.5-	1
276.6	0058	5B6	(5D0) 85:15	0.5-	1
291.1	0059	5B6		0.5-	1
299.0	0060	4L167	3# (5D0) 90:10 [5B48 STR]	0.5-	1
300.2	0061	5B6	.	0.5-	1
301.2	0062	5B621		0.5-	1
301.5	0063	5C3		0.5-	1
303.4	0064	5B621	(5D6) (5D0 B10)	0.5-	1
305.5	0065	5C3		0.5-	1
306.0	0066	5B621	-> 5A16	0.5-	1
306.5	0067	5C3		0.5-	1
307.2	0068	5C3	(5B62\$) 60:40	0.5-	1
308.9	0069	5C3		0.5-	1
319.2	0070	5B62	\$1 ->5A\$1	0.5-	1
320.2	0071	5D4\$		0.5-	1
322.2	0072	5B62	1\$ ->5A1\$	0.5-	1
327.5	0073	5B6	8\$ &2 BOTH VERY MINOR	0.5-	1
331.3	0074	4A4	(5D4\$) MINOR	0.5-	1
332.2	0075	5B6	(5D4\$)	0.5-	1
332.4	0076	4A0		0.5-	1
333.7	0077	5B6	(10Q09 PY)	0.5-	1
334.1	0078	4C5		0.5-	1
335.9	0079	4E0	POROUS	0.5-	1
340.5	0080	4E4	86 (4G4) 80:20	0.5-	1
341.5	0081	4E46	-> 4G4	0.5-	1
342.5	0082	4A43		0.5-	1
343.2	0083	4E46		0.5-	1
343.7	0084	4A43	AS ABOVE -(UNIT 82)	0.5-	1
343.9	0085	4G4		0.5-	1
346.2	0086	4A43	AS ABOVE -(UNIT 92)	0.5-	1
348.4	0087	4G4		0.5-	1
350.2	0088	10Q0		0.5-	1
381.2	0089	3G0	(3B3 B10) 90:10	0.5-	1
381.7	0090	3C3		0.5-	1
382.3	0091	3G0		0.5-	1
384.1	0092	3B4\$	B10 (3C4\$)(3G0) 80:15:05	0.5-	1
389.7	0093	3G0		0.5-	1
394.6	0094	3G9	->5A (3B4\$)"FUCHITE" 70:30	0.5-	1
395.4	0095	3G0		0.5-	1
396.3	0096	3G416		0.5-	1
398.0	0097	3G16.		0.5-	1
401.0	0098	4L17	->3G416 DOWN HOLE	0.5-	1
401.8	0099	3G91		0.5-	1
402.5	0100	3G916		0.5-	1
403.4	0101	4G4		0.5-	1
403.7	0102	3C4\$		0.5-	1

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DEPTH	UNIT	CODE	DESC	RECOVERY	IND
405.9	0103	4G0	34	0.5-	1
409.6	0104	4E86		0.5-	1
410.3	0105	4E481	[4038]	0.5-	1
416.5	0106	4C3		0.5-	1
420.6	0107	4C387	39 MINOR	0.5-	1
420.9	0108	4E8		0.5-	1
421.1	0109	4G4	.	0.5-	1
422.9	0110	3G48	-> 3G0	0.5-	1
429.0	0111	3G8	STRINGER 34	0.5-	1
429.5	0112	3C2		0.5-	1
440.4	0113	3G0	38 STRINGERED	0.5-	1
441.2	0114	3C2		0.5-	1
442.0	0115	3G0	38 STRINGERED	0.5-	1
446.3	0116	3C2	33 (3G18) 95:05	0.5-	1
455.8	0117	3G1	38 STRINGERED	0.5-	1
468.2	0118	3G8	38 MINOR WEAKLY STRINGERED	0.5-	1

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 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
FAGA127	0.0	4.9	CS2	D	0	0	0	0	73	230	0		1	1	1
FAGA127	0.0	12.2	CS2	S	0	0	0	0	72	230	0		1	1	1
FAGA127	0.0	17.7	CS2	Z	0	0	0	0	76	230	0		1	1	1
FAGA127	0.0	28.1	PS2		0	0	0	0	78	230	0		1	1	1
FAGA127	0.0	36.9	PS2		0	0	0	0	80	230	0		1	1	1
FAGA127	0.0	45.6	CS2	D	0	0	0	0	65	230	0		1	1	1
FAGA127	0.0	55.6	CS2		0	0	0	0	72	230	0		1	1	1
FAGA127	0.0	61.0	CS2	D	0	0	0	0	63	230	0		1	1	1
FAGA127	0.0	72.0	PS2		0	0	0	0	70	230	0		1	1	1
FAGA127	0.0	77.0	PS2		0	0	0	0	61	230	0		1	1	1
FAGA127	0.0	83.8	PS2		0	0	0	0	64	230	0		1	1	1
FAGA127	0.0	91.0	PS2		0	0	0	0	84	230	0		1	1	1
FAGA127	0.0	98.8	CS2	S	0	0	0	0	80	230	0		1	1	1
FAGA127	0.0	108.4	CS2	S	0	0	0	0	78	230	0		1	1	1
FAGA127	0.0	116.4	CS2	S	0	0	0	0	74	230	0		1	1	1
FAGA127	0.0	121.0	CS2		0	0	0	0	76	230	0		1	1	1
FAGA127	0.0	127.4	CS2		0	0	0	0	72	230	0		1	1	1
FAGA127	0.0	134.7	CS2	D	0	0	0	0	69	230	0		1	1	1
FAGA127	0.0	139.3	CS2	S	0	0	0	0	69	230	0		1	1	1
FAGA127	0.0	145.5	CS2	S	0	0	0	0	71	230	0		1	1	1
FAGA127	0.0	155.3	PS2		0	0	0	0	75	230	0		1	1	1
FAGA127	0.0	157.6	PS2		0	0	0	0	75	230	0		1	1	1
FAGA127	0.0	167.0	PS2		0	0	0	0	73	230	0		1	1	1
FAGA127	0.0	172.4	PS2		0	0	0	0	90	230	0		1	1	1
FAGA127	0.0	179.3	PS2		0	0	0	0	74	230	0		1	1	1
FAGA127	0.0	190.2	CS2	S	0	0	0	0	81	230	0		1	1	1
FAGA127	0.0	194.4	CS2	S	0	0	0	0	74	230	0		1	1	1
FAGA127	0.0	197.6	CS2	S	0	0	0	0	85	230	0		1	1	1
FAGA127	0.0	211.0	PS2		0	0	0	0	60	230	0		1	1	1
FAGA127	0.0	221.3	CS2	Z	0	0	0	0	79	230	0		1	1	1
FAGA127	0.0	226.9	CS2	Z	0	0	0	0	71	230	0		1	1	1
FAGA127	0.0	234.8	PS2		0	0	0	0	73	230	0		1	1	1
FAGA127	0.0	241.5	CS2	S	0	0	0	0	79	230	0		1	1	1
FAGA127	0.0	249.0	PS2		0	0	0	0	62	230	0		1	1	1
FAGA127	0.0	261.8	PS2		0	0	0	0	83	230	0		1	1	1
FAGA127	0.0	268.8	PS2		0	0	0	0	76	230	0		1	1	1
FAGA127	0.0	274.4	CS2	S	0	0	0	0	76	230	0		1	1	1
FAGA127	0.0	280.6	PS2		0	0	0	0	75	230	0		1	1	1
FAGA127	0.0	290.3	PS2		0	0	0	0	75	230	0		1	1	1
FAGA127	0.0	294.5	PS2		0	0	0	0	85	230	0		1	1	1
FAGA127	0.0	299.7	CS2		0	0	0	0	83	230	0		1	1	1
FAGA127	0.0	310.0	CS2		0	0	0	0	90	230	0		1	1	1
FAGA127	0.0	317.0	PS2		0	0	0	0	70	230	0		1	1	1
FAGA127	0.0	324.1	PS2		0	0	0	0	75	230	0		1	1	1
FAGA127	0.0	330.0	CS2		0	0	0	0	66	230	0		1	1	1
FAGA127	0.0	333.8	PS2		0	0	0	0	68	230	0		1	1	1
FAGA127	0.0	341.5	PS2		0	0	0	0	64	230	0		1	1	1
FAGA127	0.0	344.4	PS2		0	0	0	0	60	230	0		1	1	1
FAGA127	0.0	347.3	PS2		0	0	0	0	66	230	0		1	1	1
FAGA127	0.0	356.0	PS2		0	0	0	0	75	230	0		1	1	1
FAGA127	0.0	359.8	PS2		0	0	0	0	80	230	0		1	1	1

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 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
FAGA127	0.0	367.0	PS2		0	0	0	0	87	230	0		1	1	1
FAGA127	0.0	376.7	PS2		0	0	0	0	80	230	0		1	1	1
FAGA127	0.0	381.1	PS2		0	0	0	0	75	230	0		1	1	1
FAGA127	0.0	389.9	PS2		0	0	0	0	70	230	0		1	1	1
FAGA127	0.0	397.0	CS2		0	0	0	0	80	230	0		1	1	1
FAGA127	0.0	403.3	PS2		0	0	0	0	65	230	0		1	1	1
FAGA127	0.0	404.5			0	0	0	0	30	230	0		1	0	0
FAGA127	0.0	409.8	PS2		0	0	0	0	79	230	0		1	1	1
FAGA127	0.0	415.8	PS2		0	0	0	0	75	230	0		1	1	1
FAGA127	0.0	422.8	PS2		0	0	0	0	85	230	0		1	1	1
FAGA127	0.0	424.6	PS2		0	0	0	0	85	230	0		1	1	1
FAGA127	0.0	431.7	PS2		0	0	0	0	75	230	0		1	1	1
FAGA127	0.0	439.0	PS2		0	0	0	0	85	230	0		1	1	1
FAGA127	0.0	447.0	PS2		0	0	0	0	76	230	0		1	1	1
FAGA127	0.0	452.8	PS2		0	0	0	0	76	230	0		1	1	1
FAGA127	0.0	466.0	PS2		0	0	0	0	80	230	0		1	1	1

DDH: FAGA127 UTM-N: 905,406.1 UTM-E: 592,108.5 UTM-ELEV: 1,316.2 TOTAL DEPTH: 468.2 SECTION: W 88
 RFE: 52 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
FAGA127	1.9	4.0	2B			0	0	0	1
FAGA127	4.0	12.7	2BG			0	0	0	1
FAGA127	12.7	13.6	1B			0	0	0	1
FAGA127	13.6	20.7	2B			0	0	0	1
FAGA127	21.3	26.0		4		0	0	0	1
FAGA127	20.7	28.7	3B			0	0	0	1
FAGA127	28.7	30.9	2B			0	0	0	1
FAGA127	30.8	31.1	RG			0	0	0	1
FAGA127	31.1	31.4	2B			0	0	0	1
FAGA127	32.9	61.3	2B			0	0	0	1
FAGA127	61.3	64.6	3B			0	0	0	1
FAGA127	62.8	64.6	S			0	0	0	1
FAGA127	65.2	65.8	G	6		0	0	0	1
FAGA127	64.6	67.4	2B			0	0	0	1
FAGA127	67.4	69.2	3B			0	0	0	1
FAGA127	80.5	81.0	2B			0	0	0	1
FAGA127	82.2	82.8	SXG			0	0	0	1
FAGA127	0.0	95.0	R			0	0	0	1
FAGA127	119.6	119.9	RG			0	0	0	1
FAGA127	122.2	122.5	RG			0	0	0	1
FAGA127	126.2	131.8	2B			0	0	0	1
FAGA127	131.8	132.9	3BR			0	0	0	1
FAGA127	132.9	134.1	GX			0	0	0	1
FAGA127	134.1	136.2	2B			0	0	0	1
FAGA127	140.2	141.5	3B			0	0	0	1
FAGA127	151.3	151.5	G			0	0	0	1
FAGA127	154.0	154.1	G			0	0	0	1
FAGA127	154.5	154.5	G			0	0	0	1
FAGA127	148.9	155.3	RG			0	0	0	1
FAGA127	162.3	162.5	G			0	0	0	1
FAGA127	200.9	206.3	2B			0	0	0	1
FAGA127	206.3	206.7	G			0	0	0	1
FAGA127	207.7	207.8	G			0	0	0	1
FAGA127	208.0	208.3	G			0	0	0	1
FAGA127	206.3	209.4	3BG			0	0	0	1
FAGA127	208.3	209.4	2B			0	0	0	1
FAGA127	213.1	217.8	1B			0	0	0	1
FAGA127	219.1	219.3	G			0	0	0	1
FAGA127	223.3	223.7	GR			0	0	0	1
FAGA127	228.1	228.2	G			0	0	0	1
FAGA127	231.0	231.6	GR			0	0	0	1
FAGA127	232.3	233.7	G			0	0	0	1
FAGA127	234.6	234.7	G			0	0	0	1
FAGA127	0.0	235.9	R			0	0	0	1
FAGA127	247.7	247.8	G			0	99	0	1
FAGA127	248.4	249.5	G	1		0	0	0	1
FAGA127	248.4	257.3	GR			0	0	0	1
FAGA127	300.2	301.2	1B			0	0	0	1
FAGA127	305.5	306.0	2B			0	0	0	1
FAGA127	320.2	322.2	SG			0	0	0	1
FAGA127	323.0	323.3	G			0	0	0	1

DDH: FAGA127 UTM-N: 905,406.1 UTM-E: 592,108.5 UTM-ELEV: 1,316.2 TOTAL DEPTH: 468.2 SECTION: W 88
 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
FAGA127	332.1	332.2	3BG		0	0	0	1
FAGA127	334.6	355.2	G		0	0	0	1
FAGA127	366.7	366.8	G		0	0	0	1
FAGA127	392.4	392.5	G		0	99	999	1
FAGA127	0.0	394.7	G		0	0	0	1
FAGA127	403.4	403.7	R		0	0	0	1
FAGA127	429.5	430.0	B		0	0	0	1
FAGA127	439.5	440.0	2B		0	0	0	1
FAGA127	455.4	457.1	3B		0	0	0	1

18OCT83 GRUM

DOWN-HOLE SPLINES (DH020)

PAGE: 12

DDH: FAGA127 UTM-N: 905,406.1 UTM-E: 592,108.5 UTM-ELEV: 1,316.2 TOTAL DEPTH: 468.2 SECTION: W 88
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH SEGMENT NOS COND INDICATOR

FAGA127	1	2
FAGA127	2	2
FAGA127	3	2
FAGA127	4	2
FAGA127	5	2
FAGA127	6	2
FAGA127	7	1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: FAGA 127

Fabric Orientation Diagram:

Project: Grum Pelog

Location: Vangorda Plateau

Claim: _____

Terr. Plane Co-ords.: 6905406.1399 N

592108.5484 E

Grid Co-ords.: 88W

10W

Elevation: 1316.17

Total Depth: 468.2 m

Purpose: to test one

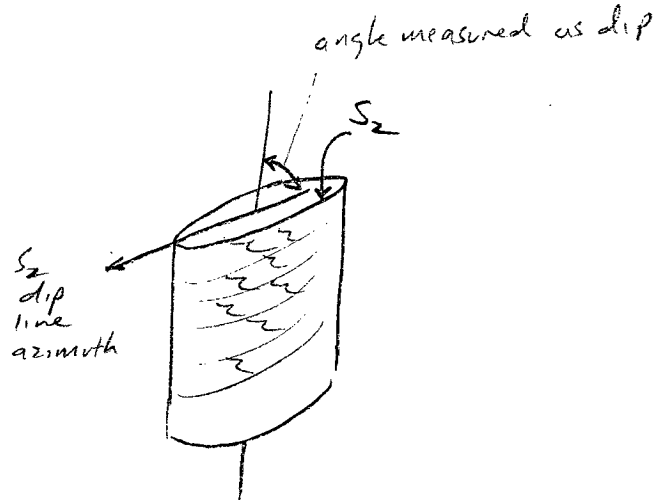
Logged by: LCP/GAT

Date(s) Logged: 3/4 Aug 1983

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

BQ

Started: Sept 26, 1975 Completed: Oct 5, 1975



All symmetry determinations looking

NW with S2 dipping

SW with dip azimuth 230.

Surface estimate of dip line azimuth is 310°

Note Bet on Assays

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	00	11		1	#	
L	11	40		2	SBO	±8 minor (10φ0#) 60:40 core is, um, moderately broken - just top of hole conditions
L	40	127		3	SBO	±2 ±8 L-th minor (10φ0#) 90:10 10φ below ~9m; with minor po and py porphs; core moderately to very broken with local IND gouge related to 10φ; 2 mainly in lower 1/2 of unit.
L	127	136		4	SDO	(SB80) 70:30 little broken.
L	136	314		5	SBO	±8 minor (SDO) (10φ0#) 95:2:3 SD in 30 cm bands; SBO has po porphs - good microthts blab blab ... core moderately broken to 20.7m w/no gouge very broken to 28.7m w/no gouge moderately broken to 30.8m 30.8 - 31.1 = rubble + gouge IND 31.1 - 31.4 = moderately broken 21.3 - 26.0 = 40% recovery
L	314	329		6	SDO	intact
L	329	613		7	SBO	±8 minor ±2 minor (10φ0#) 90:10 10φ @ 44.0 - 59.0 as 10-30 cm ~S ₂ 11 bands core moderately broken throughout - no major gouge zones no faults
L	613	646		8	SAIO	±1 (SDO) 65:35 SD bands from 1cm - 30cm thick w sharp S ₂ 11 contacts

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
						Rock starts as SB20 then quickly grades to SA in first m.
						SA/SD complex comparable ^{favorably} to type box Farm All D 89.9-77.1
						From 62.8-64.6 SA foliation is sheared and irregular and cut by many post S ₂ qtz CO ₂ vls.
						core heavily broken thought
L	64.6	67.4		9	SD0	calcite bands & diffuse calcite laminae
						core is moderately broken 65.2-65.8 = IND gauge
						cut 60% recov.
L	67.4	69.8		10	SAP	±1 (SD0) 50:50
						sharp S ₁ contacts
						core is strongly broken - small IND gauges locally but good recov.
L	68.9	78.2		11	SD0	w typical calcite + qtz bands - core mostly intact
						locally broken via faults.
L	78.2	79.2		12	SD\$	soft - lacks calcite bands, i.e. is homogeneous
						core intact
L	79.2	80.5		13	SB20\$	± 8 minor
						w. qtz dolo sst bands generally less than 1cm thick - the ± 8 is in bottom 30cm.
						intact

No.	From		To		Recov.	No.	Unit	Description
	10	14 16	20 22 24	26 28 30					34 35
L	180	182				114	SDP	(SB62) 95:5 top 5m is moderately broken
L	182	182				115	SCPI	BXA sheared with chloritic matrix with 1cm or less gte clasts/augen - coherent fault rock core intact mainly, gorge in least 10 cm
L	182	189				116	SCB	±\$ this is typical strongly foliated SC with chlorite laminae wrapping around it grey - white lenses which are only 10gms or so bearing mostly not ^{presumably} gte + feld? 82.1-82.7 at 89.0 - ESE is homogeneous sand olive green non calc phyllite - at ESE is mottled with alk chl spots. core is intact to locally broken - minor local gorge appearing to be lithologic not fault related
L	189	190				117	(4D0)	4C0 see assays very siliceous, ie. not much mica - S ² as thin stringers 11 S ₂ mainly sphal trace cpy & v. minor py. core split originally intact
L	190	193				118	SCP	±6 foliated SE as above but greener - core intact
L	193	195				119	(4D4)	From TOI to 93.8 unit is pale green presumably due to minor - chl in gte remainder is pale grey to offwhite - S ² as S ₂ 11 bands up to 3cm thick split but originally intact ^{but for} minor rubble at FOI

4C0
see assays

4D5 (465)
see assays

Code	From	To	Recov.	No.	Unit	Description
	10 14 16	20 22 24	26 28 30	34 35		
L	95	99		20	4A4	top 1/2 m grades thru 4C5 to overlying 4D0; has good "chty" bands - split but originally intact
L	99	123		21	4C5	medium gray folia but otherwise has 4A (lithon) texture. S ² are dominantly spherulite 119.6 - 119.9 and 122.2 - 122.5 = gouge and rubble (MD); otherwise interval is split but intact (last 2-3 m close to 4A esp last 1/2 m.)
L	123	125		22	SD4\$ (1000\$)	90:10 one 5cm 4A band, core intact, some green color preserved
L	125	127		23	4A4	not split!, TOI to 126-2 = intact, 126-2 - EOI = mod broken
L	127	128		24	SD4\$	mod broken some rubble esp at EOI
L	128	134		25	4C5	→ (4A0) not split ~10% S ² w/ py ≈ sphal > galena est 6% #b 131.8 core is moderately broken 131.8 - 132.9 = highly broken to rubble 132.9 ⇒ EOI = gouge with rock frags in mud matrix U & L are INP if internal may be 11 S ₂ but pale.
L	134	142		26	4A0	±4 local → (4C5) not split - est 3% core moderately broken to 136.2 minor rubble mainly in last 3m 136.2 - 140.2 is intact 140.2 - 141.5 is broken with lake steep fracture. ~30° to CA 141.5 - EOI = intact

Code	From	To	Recov.	No.	Unit	Description
	10	14 16	20 22 24	26 28 30	34 35	
L	2113	2117		38	360	gradational upper contact, unit moderately to mainly slightly broken. - no significant faults
L	2178	2181		39	3C3	lt grey with chl folia minor bio. - slight greening of phyllite 10cm above and below the 3C; intact
L	218	235		40	360	± 9 minor local (3B) minor 3B as a 20cm band - core intact to locally slightly broken. Gorge @ 219.1-219.3, 223.3-223.7 = gorge rubble, 228.1-228.2, 231.0-231.6 ^{92%} 232.3-233.7* 234.6-234.7 (* = the most likely major faults but none may be.)
L	235	237		41	4A0	(4A4) 50:50 4A4 in lower portion - both are close to 4A3 rubble in upper 10cm otherwise split but ok - upper contact is drilled away - seems to have been sharp could be a fault but ?able
L	237	237		42	4E4H	→ [4F4] w/clasts of quartz & ortho-graph phyllite - has microblockshot texture, intact but split
L	237	237		43	4A0	split originally intact
L	237	238		44	4L1	light greenish green siliceous phyllite with a 3cm band of dk grey siliceous phyllite
L	238	242		45	4A4	± 0 ^{est 4-6%} tot S = 10-15% py ≈ sphal, core split but ok.

"graphitic" increases down hole

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	24.2	24.3		46	4D\$2	z = fine porph. blast. py = "birdshot" where sphal rich Flow bx texture with silicate clasts in S= matrix.
L	24.3	24.4		47	3C\$	poorly carbonate laminated - has some sphal-quartz veins.
L	24.4	24.45		48	4D4	sphal = 4x py > galena - contains 3C clast tot S = x 15%
L	24.45	24.5		49	3G3	fairly homogeneous with minor green mottling, → 3B3 locally
L	24.5	24.6		50	(4D4) (4E10)	50:50 intact but split
L	24.6	24.8		51	3C\$ ± 4(SA6)	upper 1m is green, the rest is tan SA gouged at 247.7-247.8, is only SA in unit. Bottom 0.4 m of unit is rubble & gouge
L	24.8	25.0		52	SA61	9 minor entire unit is rubble with 10cm gouge at 249.6 with 10% recov from 248.4-249.6 where a fault is marked by drillers
L	25.0	25.4		53	SA69	minor (SD4\$) 70:30 similar to last unit but for SD4 - bottom 10cm is a broken calcite-quartz-py vein - core is rubble and IND gouge

4D0
see assays

Code	From	To	Recov.	No.	Unit	Description						
	10	14	16	20	22	24	28	28	30	34	35	
L	254	257		54	SAG	GOUGE IND top & bottom & center = major fault						
L	257	260		55	SBG	[360] locally poor lithon structure developed, intact						
L	260	266		56	SDO	(SB80) 50:50 intact, SD with calc bands - SB8 has calc lithons units interbanded on 40cm scale						
L	266	269		57	SBO	(SDO)+r upper contact gradational from SB80, SD is a 10cm band; SB has local lithon textures; intact						
L	269	276		58	SBG	(SDO) 85:15 medium grey non calc phyllite with fair lithon structure; SD as interbands to 30cm with sharp S ₂ // contacts; intact						
L	276	291		59	SBG	intact; fairly well developed quartzose lithons. med grey non calc as above.						
L	291	299		60	HL16	(<u>±S calc</u>) (SDO) 90:10 [SB48 stringered pochl] intact, stringers of po. - minor calcite						
L	299	300		61	SBG	upper contact gradational - med grey with hint of green - fair lithons.						
L	300	301		62	SBR	1 core broken no gauge of faults						

#

DDH FAGA12.7
2 8Cyprus Anvil Mining Corp.
Lithologic LogPage 12 of _____

Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
I	10	14 16	20 22 24	26 28 30	34 35	
L	30.1	30.1		63	SC3	
						with 1cm of SA in center, intact
L	30.1	30.3		64	SB62	1 (SD6) (SD0 bio)
						intact; SB621 → SA16
L	30.3	30.5		65	SC3	
						intact
L	30.5	30.6		66	SB62	1 → SA16
						moderately broken
L	30.6	30.6		67	SC3	
						unit is F ₂ infold, intact
L	30.6	30.7		68	SC3	(SB62\$) 60:40
						the SC intervals are both F ₂ hinges as above.
L	30.7	30.8		69	SC3	
						intact
L	30.8	31.9		70	SB62	\$1 → SA\$1
						good sst. laminae → lithons - rock overall is hard not just lithons, intact
L	31.9	32.0		71	SD4\$	
						with minor SA interbands 1-2cm thick - intact
L	32.0	32.2		72	SB62	1\$ → SA1\$
						upper contact is a coherent shear zone 11S ₂ with gouge below 321-3
L	32.2	32.7		73	SB6	±\$ ±2 both very minor
						poor lithons; 323.0 - 323.3 = gouge.
L	32.7	33.3		74	4A4	(SD4\$) minor
						subequal Py & sphul, tot S = 15-20%, SD as 1-3cm bands

from 322.5 - 331.2 - are best lith on assays.
 L610 smys 6-7%
 G5 smys 8-10%

Code	From	To	Recov.	No.	Unit	Description
L	10 14	16 20	22 24	26 28	30 34	35
L	331	332		175	5B6	(504\$)
						last 20 cm is very broken core and 1WD goss.
L	332	332		176	4A0	
						tot s = 30%, 4px to 1 sphal
L	332	333		177	5B6	(10009px)
						4L0 to 4L2 alteration around 100 in bottom 1/2 m.
L	333	334		178	4G5	
						upper contact gradational, lower sharp - could be wreath rock - more micaceous than the run of the mill 4G5/4A i.e. thicker micaceous partings
L	334	335		179	4E0	porous
L	335	340		180	4E1	±6 (4G4) 80:20
						rare non fizzing carbonate clasts. upper 1m of 4E is porous, intact but split
L	340	341		181	4E16	→ 4G4
						intact but split
L	341	342		182	4A43	(1")
						px in 10 cm near massive bands. - black cherty bands as clasts floating in sulfide rich sections
						px = 2 to 3 X sphal tot s = 35% intact
L	342	343		183	4E16	
L	343	343		184	4A43	as above
L	343	345		185	4G4	
L	345	346		186	4A43	as above
L	346	348		187	4G4	

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	348	350		88	1000	intact sharp foliaform contact with sulfides, lower contact destroyed
L	350	381		89	360	(383 bio) 90:10 3B is up to 30 cm thick and down to ~10 cm. Generally PS ₂ local poor lithons - local 1000\$ with chl & po gouge at 354.6 → 355.2 ^(355.2) and 366.7 → 366.8 core otherwise intact
L	381	381		90	363	
L	381	382		91	360	) intact
L	382	384		92	384\$	bio (360) 80:15:05
L	384	389		93	360	) intact
L	389	394		94	369	med grey homogenous, black, black... PS ₂ foliated (384\$) "Fuchite" 70:30 → 5A core intact except for minor S ₁ il gouge at 392.4-392.5 otherwise intact <u>zokun 4E0 interband in 369?</u>
L	394	395		95	360	
L	395	396		96	364/6	10 cm gouge at 394.7; minor chl alter beside 100 veins; unit cut by late fractures at 30° to CA.
L	396	398		97	361/6	hard lt grey phyllite with sparse py + sphal lenses along S ₂ intact
L	398	401		98	411/7	contains dissem to banded sphal & po - similar to above but medium grey not altered lt grey looking; intact; upper and lower contacts are gradational → 364/6 down hole. 364/5 in last 1m, intact po in stringers ~ along S ₂ , film - ductile flow in po locally disrupts & cuts S ₂

to 350.2

to 395.4

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	4010	4018		99	369.11	Similar to "claty" bands in 4A but no sulfides - very siliceous dark grey phyllite, intact
L	4018	4025		100	369.16	as above but cut by sphal > pyrite injection veins. split but intact
L	4025	4037		101	464	split but intact
L	4037	4039		102	3C.48	rubble only
L	4039	4057		103	464	) intact but split magnetite often associated with quartz as clasts in sulfides - and as ^{thin} foliiform bands; intact but split
L	4057	4096		104	4E8.6	
L	4096	4108		105	4E4.8	L 40387 intact
L	4108	4165		106	4C3	a few sphal rich bands but mostly no grades. 35-40% py, intact but split
L	4165	4206		107	4C3.8	7 ± 9 minor chalco tending to be in fractures - split but intact
L	4206	4209		108	4E.8	minor quartz ~10% - interstitial to py., intact but split
L	4209	4211		109	4G4	intact
L	4211	4229		110	364.8	→ 360 upper contact sharp ^{foliiform} with ~5cm band of 4C0 between 4G and 3G. light grey to some with thin chloritic bands if S ₂ , intact

460 ± 4
see assays

Code	From	To	Recov.	No.	Unit	Description
L	4229	4290		1,111	3G8	stringer ± 4 po gte ± chl ± chalc ^o ± no stringers, 10 cm is weakly calcareous and biotite rich - could be altered 3B3 bit not sure, intact; local bio not assoc with stringers
L	4290	4295		1,112	3C2	intact
L	4295	4404		1,113	3G0	± 8 stringers Stringers po and/or py ± gtz ± chl ± cpy; local biotite in phyllite not assoc with stringers core is broken ^{no gauge} from TOI to 430.0, otherwise intact, 439.5 - 440 moderately to highly broken no gauge
L	4404	4412		1,114	3C2	intact
L	4412	4420		1,115	3G0	± 8 stringers, as above intact
L	4420	4463		1,116	3C2	± 3 (3G18) 95:5 intact
L	4463	4558		1,117	3G0	± 8 stringers Stringers are po or py ± cpy some sphal ± gtz ± chbrite. - stringers bigger than usual; some up to 2cm thick; intact. NB. would have been 4L7612 at DY
L	4558	4682		1,118	3G8	± 5 minor weakly stringers carbonate bands associated with biotite; this unit not as hard as 117 and ^{greatly} lacks po stringers but still have a few small ones. 456.4 - 457.1 core is very broken no gauge, otherwise core is intact.

468.2 = E04

Code	From	To	Recov.	No.	Unit	Description
	10 14 16	20 22 24	26 28 30	34 35		
L	4010	4018		99	369.11	
						Similar to "cherty" bands in 4A but no sulfides - very siliceous dark grey phyllite, intact
L	4018	4025		100	369.16	split but intact
						as above but cut by sphal > pyrite injection veins.
L	4025	4034		101	464	split but intact
L	4034	4037		102	364.5	rubble only
L	4037	4059		103	464	
L	4059	4096		104	468.6	) intact but split magnetite often associated with quartz as clasts in sulfides - and as ^{thin} foliaceous bands; intact but split
L	4096	4108		105	464.8	[4038] intact
L	4108	4165		106	463	a few sphal rich bands but mostly no grades. 35-40% py, intact but split
L	4165	4206		107	463.8	7 ± 9 minor chalc. tending to be in fractures - split but intact
L	4206	4209		108	468	minor quartz ~10% - interstitial to py., intact but split
L	4209	4211		109	464	intact
L	4211	4229		110	364.8	→ 360 upper contact sharp with ~5cm band of 400 between 46 and 36. light grey to cream with thin chloritic bands if S ₂ , intact

460 ± 4
see assays

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	4229	4290		111	358	stringer ±4 po gte ± chl ± chalc ± stringers, 10 cm is weakly calcareous and biotite rich - could be altered 3B3 bit not sure, intact; local bio not assoc with stringers
L	4290	4295		112	352	intact
L	4295	4404		113	360	±8 stringered Stringers po and/or py + gtz + chl ± cpy; local biotite in phyllite not assoc with stringers core is broken ^{no gauge} from TOI to 430.0, otherwise intact, 439.5-440 moderately to highly broken no gauge
L	4404	4412		114	352	intact
L	4412	4420		115	360	±8 stringered, as above intact
L	4420	4463		116	352	±3 (3618) 95:5 intact
L	4463	4558		117	350	±8 stringered Stringers are po or py ± cpy some sphal + gtz ± chlorite - stringers bigger than usual, some up to 2cm thick; intact. NB: would have been 4L7612 at DY
L	4558	4682		118	368	±\$ minor weakly stringered carbonate bands associated with biotite; this unit not as hard as 117 and ^{generally} lacks po stringers but still have a few small ones. 456.4 - 457.1 core is very broken no gauge, otherwise core is intact.

468.2 = E04

Structural Log

Date: 4 Aug/83 Logged By: KCP/GAJ

Code	From		To		Feature	SYM	S ₀		S ₁		S ₂		Description
	10	14	16	20			Dip	Direct.	Dip	Direct.	Dip	Direct.	
	26	28	32	34	38	40	44						
S				49	CIS ₂	D					713	230	
S				112	CIS ₂	S					712		S symm for SW-dipping S ₂
S				117	CIS ₂	Z					716		
S				128	PS ₂						718		
S				136	PS ₂						810		
S				145	CIS ₂	D					615		
S				155	CIS ₂						712		
S				161	CIS ₂	D					613		
S				172	PS ₂						710		
S				177	PS ₂						611		
S				183	PS ₂						614		
S				191	PS ₂						814		
S				198	CIS ₂	S					810		S for SW-dipping S ₂
S				1108	CIS ₂	S					710		"
S				1116	CIS ₂	S					714		S for SW-dipping S ₂
S				1121	CIS ₂						716		
S				1127	CIS ₂						712		
S				1134	CIS ₂	D					619		
S				1139	CIS ₂	S					619		S for SW-dipping S ₂
S				1145	CIS ₂	S					711		"
S				1155	PS ₂						715		
S				1157	PS ₂						715		
S				1167	PS ₂						713		
S				1172	PS ₂						910		
S				1179	PS ₂						714		
S				1191	CIS ₂	S					811		S for SW-dipping S ₂
S				1194	CIS ₂	S					714		" "
S				1197	CIS ₂	S					815		" "
S				1211	PS ₂						610		
S				1221	CIS ₂	Z					719		Z for SW-dipping S ₂
S				1226	CIS ₂	Z					711		" "
S				1234	PS ₂						713		
S				1241	CIS ₂	S					719		S for SW-dipping S ₂
S				1249	PS ₂						612		
S				1261	PS ₂						813		
S				268	PS ₂						716		

Structural Log

Code	From		To		Feature	S ₁ E	S ₀		S ₁		S ₂		Description	
	10	14	16	20			Dip	Direct.	Dip	Direct.	Dip	Direct.		
	26	28	32	34	38	40	44							
S			1274	4	C/S12	S					76	23	10	S-for SW-dipping S ₂
S			12810	6	P/S12						75			
S			12910	3	P/S12						75			
S			1294	5	P/S12						85			
S			1299	7	C/S12						83			
\$			1306	4										F ₂ fold closure
\$			1306	8										F ₂ fold closure
\$			1307	1										F ₂ fold closure
S			13110	0	C/S12						910			
S			13117	0	P/S12						710			
S			1324	1	P/S12						75			
S			13310	0	C/S12						616			
S			13338	8	P/S12						618			P/S2 approaching C/S2
S			1341	5	P/S12						614			" " "
														bulk of fltn in sulfides & this reading / S ₂ or S ₁ on limbs
S			1344	4	P/S12?						610			sulfides - could be S ₁
S			1347	3	P/S12?						616			" " " "
S			1356	0	P/S12						75			
S			1359	8	P/S12						80			P/S2 approaching C/S2
S			1367	0	P/S12						817			
S			1376	7	P/S12						810			
S			1381	1	P/S12						75			
S			1389	9	P/S12						70			
S			1397	0	C/S12						810			
S			1403	3	P/S12?						65			sulfides - could be S ₁
\$			1404	5							310			fltn in basitic sulfides is steep for ~ 1/2 m.
S			1409	8	P/S12?						79			} sulfides
S			1415	8	P/S12?						75			}
\$	1418		14210	2										sulfides section has fltn parallel S ₂ / no obvious fold hinges
S			1422	8	P/S12						815			
S			1424	6	P/S12						815			
S			1431	7	P/S12						75			
S			1439	0	P/S12						85			

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		119		140				21B									Mod. brkn - top of hole conditions
F		140		1127				21BG									Mod. to very brkn w/ local IND gauge
F		1127		1136				11B									little brkn
F		1136		1210				21B									Mod. brkn w/ no gauge
F		1210		1218				31B									very brkn w/ no gauge
F		1218		1310				21B									Mod. brkn
F		1310		1311				RIG									rubble & ind gauge
F		1311		1314				21B									mod. brkn
F		1211		260				P		4							40% recovery
F		1312		1613				21B									mod. brkn - no gauge - no faults
F		1613		1614				31B									heavily brkn
F		1612		1614				S ₁									S ₂ fltn sheared & irregular - cut by many post-S ₂ gtz-carbonate faults
F		1614		1617				21B									Mod. brkn
F		1615		1618				G		6							Ind. gauge w/ 60% recovery
F		1617		1619				31B									strongly brkn - small IND local gauges - good recov.
F		1810		1811				21B									mod. brkn
F		1812		1818				SIXIG									sheared w/ chloritic matrix coherent fault rock, gauge in last 10 cm.
F				1915				OR									minor rubble
F		1119		1119				RIG									IND gauge & rubble
F		1121		1121				RIG									IND gauge & rubble
F		1121		1131				21B									Mod. brkn, minor rubble
F		1131		1131				31BR									highly brkn to rubble
F		1131		1134				GXI									IND, gauge w/ rock frags in mud matrix
F		1134		1131				21B									mod. brkn w/ minor rubble
F		1141		1141				31B									brkn w/ late steep fracture ~30° core axis
F		1141		1151				RIG									rubble with minor gauge gauge is IND
F		1151		1151				SG									IND

Structural Log

Code	From				To				Feature	S ₀ Dip Direct.	S ₁		S ₂		Description
	10	14	16	20	22	24	26	28			32	34	38	40		44
F	1154	0	1154	1	G										IND
F	1154	3	1154	5	G										IND
F	1162	3	1162	5	G										IND
F	1200	9	12016	3	2B										brkn w/ increased qtz veins
F	1206	3	1209	4	3B	G									severely brkn w/ gouges
F	12016	3	12016	7	G										IND
F	12017	7	12017	8	G										IND
F	12018	0	12018	3	G										IND
F	12018	3	12019	4	2B										Unit brkn
F	12113	1	12117	8	1B										Unit mod. to mainly slightly brkn - no major faults
F	12119	1	12119	3	G										
F	12123	3	12123	7	G	R									
F	12128	1	12128	2	G										
F	12131	0	12131	6	G	R									* } most likely major fault * }
F	12132	3	12133	7	G										
F	12314	6	12314	7	G										
F			12315	9	R										10cm of rubble
F	12417	7	12417	8	G				9.9	9.9	9				11 S ₂ gouge
F	12418	4	12517	3	G	R									IND gouge & rubble
F	12418	4	12419	6	G		1								10% recovery, fault marked by drillers
F	13100	2	13101	2	1B										broken, no gouge or faults
F	13101	5	131016	0	2B										mod. brkn
F	13121	0	13121	2	5G										Upper contact coherent shear zone 11 S ₂ Gouge below 321.3
F	13121	3	13121	3	G										
F	13132	1	13132	2	3B	G									very brkn core & IND gouge
F	13134	6	13155	2	G										
F	13161	6	1366	8	G										
F	13192	4	13192	5	G				9.9	9.9	9				S ₂ 11 gouge
F			13194	7	G										10cm gouge - late fractures @ 30° core axis
F	14103	4	14103	7	R										rubble only
F	1429	5	1430	0	B										broken - no gouge

Interval		DESCRIPTION	Recovery	Sample No	Interval		Sample Length	Assay					Assay x			
From	To				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag	
		-82.3 Banded quartz-chlorite phyllite, $F_2=75^\circ$														
		-84.9 Thinly foliated quartz-chlorite phyllite, partly silicified; small recumbent fold between 84.65-84.8														
		-85.3 As above, but very broken														
		-87.4 Quartz-chlorite phyllite, $F_2=75^\circ$; minor sulphides.														
		-87.6 White quartz.														
		-89.4 Quartz-chlorite-sericite phyllite; $F_2=60^\circ$														
89.4	148.9	QUARTZ-SULPHIDES														
		89.4-90.5 Quartz sulphide; Py5; PbZn 4; silicified. $F_2=60^\circ$	1.0	2983	89.4	90.5	1.1	1.88	2.94	.68						
		-93.5 Green quartz-chlorite phyllite, silicified; barren.	3.0/3.0		93.5											
		-96.5 Quartz-sulphide; Py 5; PbZn 4-5; Silicified, $F_2=65^\circ$. Broken 94.9-95.2 minor graphitic zones	2.8	2984		96.5	3.0	1.70	2.88	.77						
		96.5-99.5 Quartz-sericite-sulphide-graphite phyllite, $F_2=85^\circ$, Py 10, PbZn 4.	2.8	2985	96.5	99.5	3.0	1.78	4.50	1.18						
		-102.5 As above, broken.	2.7	2986		102.5	3.0	2.08	5.34	1.27						
		-105.5 As above, very broken	0.6	2987		105.5	3.0	1.68	2.88	.74						
		-108.5 Quartz-sericite phyllite, F_2 , Py 10, PbZn 2-4 $F_2=90^\circ$	3.0	2988		108.5	3.0	1.20	3.30	.77						
		-111.5 As above; PbZn 2	3.0	2989		111.5	3.0	1.38	3.66	.74						
		-114.5 As above; PbZn 1-2	3.0	2990		114.5	3.0	1.68	4.20	1.12			5.04	12.60		
		-117.5 As above; PbZn 1-2	3.0	2991		117.5	3.0	1.78	4.02	1.03			5.34	12.06		
		-120.5 As above;	2.9	2992		120.5	3.0	1.58	3.96	.85			4.74	11.88		
		-123.7 As above; PbZn 2-3	3.0	2993		123.7	3.2	2.15	4.86	1.12			6.88	15.552		
		-125.2 Green quartz-chlorite phyllite, competent, $F_2=90^\circ$	1.5/1.5			125.2										
		-136.2 VERY BROKEN-POSSIBLY MINOR FAULT ZONE	4.5/7.0		125.2	127.9										
						136.2										

7% PbZn/2.7m EST.

Interval		DESCRIPTION	Recovery	Sample No	Interval		Sample Length	Assay					Assay x		
From	To				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag
		125.2-127.9 Quartz sericite sulphide. Py 5; PbZn 1			128.9	132.0		3% PbZn/3.1	EST.						
						134.1		1.5% " /2.1	EST.						
						136.2		0.5% " /2.1	EST.						
		-128.9 Green quartz-chlorite phyllite.		WT.AV	96.5	102.5	6.0	1.93	4.92	1.23	(42.0g/mt)		11.58	29.52	
		-132.9 Quartz-sericite phyllite, as above,		WT.AV	102.5	111.5	9.0	1.42	3.28	0.75	(25.7)		12.78	29.52	
		-134.1 Quartz-sericite graphite-gougy.		WT.AV	111.5	123.7	12.2	1.80	4.27	1.03	(35.4)		22.00	52.092	
		136.2-148.9 Quartz-sericite sulphide+graphite phyllite;	4.6/4.8		136.2	141.0		1.5% Pb/6.8m	(136.2-143m)	EST					
		Py 5-10; PbZn 1-2; occasional rich bands up to	7.4/7.9			148.9		8 PZ/2.4m	(143-145.4m)	EST					
		1cm long. Brecciated from 139.9-140.5						5 PZ/2.3m	(145.4-147.7m)	EST					
								3 PZ/1.3m	(147.7-149m)	EST.					
148.9-	155.2	MINOR FAULT ZONE	5.6/6.3		148.9	155.2									
		Broken and gougy zone:													
		148.9-150.1 Broken rock and gouge.													
		-150.3 Quartz-sericite phyllite; Py 5, PbZn 1													
		-155.2 Broken quartz-sericite phyllite barren with minor gouge.													
155.2	162.5	QUARTZ SERICITE PHYLLITE LIGHT GREY													
		Thinly folliated and well folliated, fissile but generally competent. F ₁ rarely seen, F ₂ well developed, 60-70°. Minor quartz veins. Lower contact gouge zone at 162.3-162.5	6.9/7.0		155.2	162.5									
162.5	165.8	QUARTZ-SERICITE-SULPHIDE PHYLLITE													
		Competent, well folliated; F ₂ =80°; Py 10; Po 10-15; and PbZn 6?	3.3	2994	162.5	165.8	3.3	1.28	3.54	.68					

Interval		DESCRIPTION	Recovery	Sample No	Interval		Sample Length	Assay					Assay x			
From	To				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag	
		-244.0 Quartz chlorite phyllite, contact with below 80°														
		-244.4 Quartz sulphide.														
		244.4-245.4 Quartz chlorite phyllite, barren	1.0/1.0		244.4	245.4										
		-246.0 Quartz sulphide; Py 30, PbZn 8-10, F ₂ =80° upper contact at 45°, but crosscutting F ₂	0.6	2999		246.0	0.6	2.30	6.84	1.41						
246.0	248.2	QUARTZ-CHLORITE-SERICITE-CALCITE PHYLLITE. LIGHT GREY Poorly foliated, poorly fissile, very competent. F ₂ =80°	2.2/2.2		246.0	248.2										
248.2	257.3	FAULT ZONE 248.2-248.5 Broken quartz sericite phyllite -249.6 Black gouge -250.5 Broken quartz-graphite phyllite -250.8 Grey quartz-sericite phyllite. -253.0 Black gouge and graphitic phyllite -254.4 Gouge and broken sericitic phyllite -254.6 Quartz-sericite sulphide; Py 60 -257.3 Black gouge with rock fragments	5.9/9.1		248.2	257.3										
257.3	299.8	QUARTZ+CHLORITE+SERICITE+CALCITE PHYLLITE LIGHT GREY Well bedded and foliated, competent phyllite. Details:	13.6/13.6		257.3	270.9										
		580 257.3-260.4 Quartz sericite phyllite, F ₂ =80°, slightly calcareous														
		500 -267.1 Quartz-calcite-chlorite phyllite; F ₂ =75°	28.8/28.9			299.8										
		580 -271.4 Quartz-calcite-sericite+chlorite phyllite, F ₂ =90°.														
		580± -280.6 Quartz-sericite phyllite, F ₂ =80°, occasionally calcareous														

Green Eggs & Honey

Interval		DESCRIPTION	Recovery	Sample No	Interval		Sample Length	Assay					Assay x			
From	To				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag	
		-327.5 Quartz-chlorite-sericite phyllite, competent, $F_2=75^\circ$														
327.5	334.6	QUARTZ+SERICITE SULPHIDE PHYLLITE														
		327.5-329.5 Quartz-sericite sulphide; Py 30; PbZn 10; $F_2=80^\circ$	2.0	3000	327.5	329.5	2.0	4.73	6.29	2.24			9.46	12.58	4.48	
		-331.2 As above	2.5	2741	(329.5-330.5)	(1.0)							3.68	4.56	1.65	
		-332.0 Quartz-sericite graphite phyllite, $F_2=70^\circ$, barren		WT.AV	(330.5-332.4)								10.67	13.22	4.78	
		332.0-332.4 Quartz-sericite sulphide phyllite, Py 30; PbZn 6-8			327.5	330.5	3.0	4.38	5.71	2.04	(70.1)		13.14	17.14	6.13	
		-333.7 Quartz-sericite phyllite, $F_2=60^\circ$; minor gouge at 333.7	1.6/1.8		327.5	332.4	4.9	4.10	5.26	6.5						
		-334.2 Quartz-chlorite sericite phyllite, silicified														
		-334.6 Quartz-sulphide, gradational from above, Py 10, Po 2?, PbZn 4.	0.4	2742		334.6	0.4	1.10	2.16	.59						
334.6	348.4	MASSIVE SULPHIDE WITH BARYTES														
		334.6-336.6 Py 60; PbZn 10-12? vuggy, coarse, $F_2=60^\circ$	1.8	2743	334.6	336.6	2.0	7.13	10.56	3.68			14.260	21.12	7.360	
		-337.7 As above	1.1	2744		337.7	1.1	8.78	18.74	4.26			9.658	20.14	4.686	
		-339.7 Baryte-sulphide; Py 40; PbZn 8?	2.0	2745		339.7	2.0	7.65	14.28	2.88			15.300	28560	5.760	
		-341.5 AS above	1.8	2746		341.5	1.8	7.20	15.57	2.82			12.960	28.026	5.076	
		-343.5 Massive sulphide and barren quartz sericite phyllite with minor folds-interbedded. Py 25, PbZn 4-5	1.7	2747		343.2	1.7	6.78	15.11	2.88			11.526	25.687	4.896	
		-345.2 Barytes-sulphide-quartz; Py 25-30, PbZn 6?	2.0	2748		345.2	2.0	4.73	9.36	2.18			9.460	18.720	4.360	
		-347.2 Interbedded barytes-sulphide quartz and massive sulphide; Py 40-50; PbZn 8-10?	2.0	2749		347.2	2.0	5.85	11.12	2.56			11.700	22.24	5.120	
		-348.4 Massive sulphide; Py 60; PbZn 10; Ba 20; $F_2=70^\circ$	1.2	2750		348.4	1.2	5.40	8.39	3.00			6.480	10.068	3.600	

Interval		DESCRIPTION	Recovery	Sample No	Interval		Sample Length	Assay					Assay x			
From	To				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag	
391.3	394.2	QUARTZ-GRAPHITE-SERICITE PHYLLITE DARK GREY-BLACK	3.8/3.9		391.3	394.2										
		Competent well folliated; $F_2=80^\circ$. Minor variations														
		391.3-392.5 Competent but fissile														
		-392.7 Gouge														
		-392.9 Competent graphitic phyllite, lower contact at 60°														
		-393.1 Quartz-fuchsite-sericite, lower contact at 90°														
		-393.2 Quartz graphite phyllite														
		-393.4 Silicified quartz-chlorite phyllite														
		-394.2 Sheared quartz-graphite phyllite														
394.2	402.5	BLEACHED MINERALISED PHYLLITES														
		394.2-395.3 Bleached quartz sericite phyllite, with band of PbZn 1cm thick	7.4/7.5		394.2	401.7										
		-395.35 Massive sulphide; Py 60-70; PbZn 3-4														
		-397.9 Bleached quartz-sericite phyllite, po 5, Py 5														
		-400.6 Bleached quartz-chlorite sericite phyllite with bands of Po up to 2cm; Po 10-15; PbZn trace														
		-401.8 Sheared, fractured quartz-sericite phyllite, recemented by quartz.														
		-402.1 Massive sulphide with phyllite; PbZn 3-4; Po 40	0.8	2751	401.7	402.5	0.8	4.80	5.76	1.68			3.840	4.608	1.344	
		-402.5 Recemented phyllite breccia, competent, Po 5, PbZn 2-3, Py 5; Contact below 40°														
402.5	421.1	QUARTZ SULPHIDES AND MASSIVE SULPHIDES WITH BARYTES														
		402.5-403.4 Massive sulphide, Py 60-70; PbZn 10-12; $F_2=60^\circ$	0.9	2752	402.5	403.4	0.9	5.33	5.16	2.06			4.797	4.644	1.854	
		-403.7 Mixed sulphide and gouge. Heavy coreloss, Py 60; PbZn 3-4?	0.2	2753		403.7	0.3	.25	.40	.24			0.75	.120	.072	
		403.7-404.7 Massive sulphide: Py 60-70; PbZn 8-10	1.0	2754	403.7	404.7	1.0	4.43	4.14	2.21			4.43	4.14	2.21	
		-406.0 " " " " Py 60, PbZn 12	1.3	2755		406.0	1.3	6.38	9.34	3.12			8.294	12.14	4.056	

DDH: FAGA127 -- 42 DEGREE PROFILE

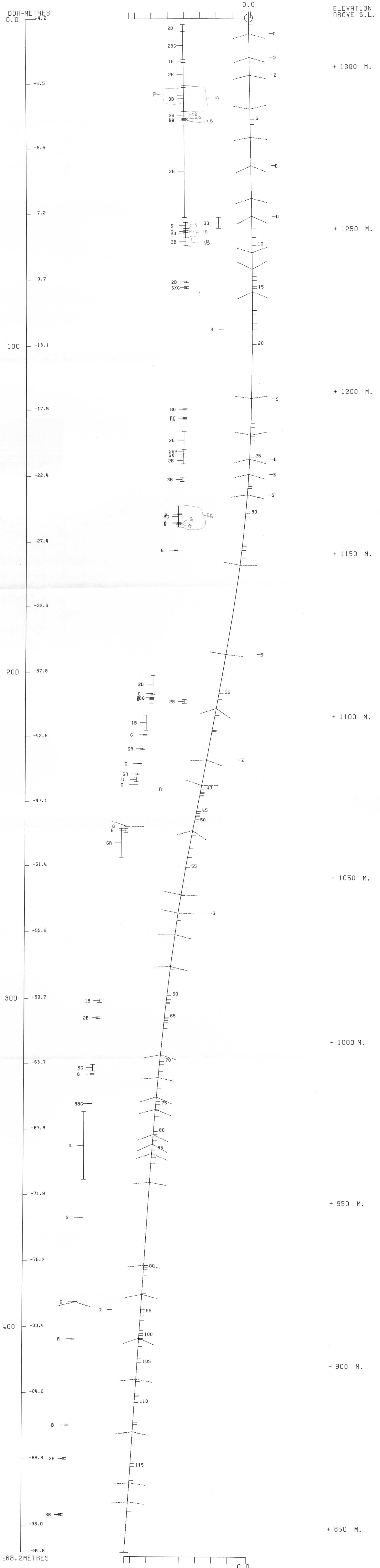
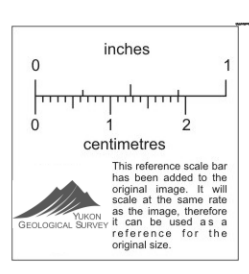
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1316 592109E ; 905406N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 673.6 Z = 1315.4

SECTION NAME: 88W



DRILL HOLE : FAGA128
NORTHING : 905,179.0
EASTING : 591,898.9
ELEVATION : 1,320.4
TOTAL DEPTH : 477.3
SECTION : W 88
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS ORE-SAMPLES: 26
NOS DOWN-H-SURVEYS: 6
NOS DOWN-H-LITHOLOGY: 118
NOS DOWN-H-STRUCTURE: 68
NOS DOWN-H-FAULTS: 38
NOS DOWN-H-SPLINES: 6
NOS COMPOSITES: 0

DDH: FAGA128 UTM-N: 905,179.0 UTM-E: 591,898.9 UTM-ELEV: 1,320.4 TOTAL DEPTH: 477.3 SECTION: W 88
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTHS	SAMPLE	INT.	REC.	ROCK	ASSAYS															
					S.G.	CU	PB	ZN	AG(AA)	AG(FA)	AU(FA)	PO	PY	TOT	BAO	HG	MN	AS	BA	S.G.
FROM	TO	NO.		UNIT	PULP	%	%	%	G/MT	G/MT	G/MT	%	%	FE	%	%	%	%	W.R.	
2	237.8	239.8	91100	2.0	1.9	4C#B			.93	.65	14.09									
3	239.8	241.0	91101	1.2	1.2	4E8			2.45	1.62	35.29									
	241.0	242.1	91102	1.1	1.1	4G4			6.08	7.99	106.90									
4	246.2	247.5	91104	1.3	1.1	4D5			2.23	3.27	28.49									
5	317.6	318.2	91105	.6	.3	4E0			7.24	8.32	148.09									
6	318.2	318.8	91106	.6	.5	4J24			15.58	23.00	302.39									
7	347.8	348.8	91107	1.0	.9	4E0			4.13	4.86	53.50									
8	352.2	353.6	91108	1.4	1.2	40A			1.58	1.50	22.30									
9	353.6	355.1	91109	1.5	1.4	4A10			1.12	1.08	21.30									
10	355.1	356.6	91110	1.5	1.3	4A0			1.31	1.50	19.19									
11	356.6	360.0	91111	3.4	2.3	40AC			3.12	5.40	42.50									
	360.0	361.5	91112	1.5	1.3	4C5			1.64	2.37	26.39									
	361.5	362.1	91113	.6	.6	4E4#			8.10	9.67	99.70									
13	363.0	365.0	91114	2.0	2.0	4G4			5.17	6.16	65.50									
15	367.1	368.3	91115	1.2	1.2	4E40			6.74	8.65	100.79									
	368.3	370.0	91116	1.7	1.6	4D5			2.06	2.89	26.39									
17	419.7	422.3	91117	2.6	2.6	4C0			1.12	2.68	13.19									
19	425.8	426.8	91118	1.0	1.0	4L524			1.33	2.70	20.19									
20	426.8	428.3	91119	1.5	1.5	4EG			3.08	3.54	51.39									
	428.3	429.3	91120	1.5	1.5	4EG			2.70	4.65	43.50									
22	431.7	433.4	91121	1.7	1.7	4E8			2.56	2.22	27.39									
23	435.8	436.6	91122	.8	.8	4E4			3.00	3.41	34.29									
24	436.6	437.6	91123	1.0	1.0	4E4			4.13	2.46	40.39									
	437.6	438.6	91124	1.0	1.0	4E4			3.97	3.20	35.29									
	438.6	439.6	91125	1.0	1.0	4E4			5.83	6.32	50.39									
26	444.7	445.9	91126	1.2	1.2	4A0			3.29	2.52	36.29									
27	WEIGHTED AVERAGE																			
	237.8	242.1		4.3	4.2				2.67	2.80	43.75									
	246.2	247.5		1.3	1.1				2.23	3.27	28.49									
	317.6	318.8		1.2	.8				11.41	15.66	225.24									
	347.8	348.8		1.0	.9				4.13	4.86	53.50									
	352.2	362.1		9.9	3.1				2.40	3.40	33.92									
	363.0	365.0		2.0	2.0				5.17	6.16	65.50									
	367.1	370.0		2.9	2.8				3.99	5.27	57.18									
	419.7	422.3		2.6	2.6				1.12	2.68	13.19									
	425.8	429.8		4.0	4.0				2.50	3.74	40.63									
	431.7	433.4		1.7	1.7				2.56	2.22	27.39									
	435.8	439.6		3.8	3.8				4.31	3.37	40.40									

B6W

18OCT83 GRUM

DOWN-HOLE SURVEYS (DH020)

PAGE: 16

DDH: FAGA128 UTM-N: 905,179.0 UTM-E: 591,898.9 UTM-ELEV: 1,320.4 TOTAL DEPTH: 477.3 SECTION: W 88
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
121.900	178.000	56.000
182.900	170.800	101.000
243.800	170.000	102.000
304.800	165.400	105.000
365.800	164.200	90.000

DDH: FAGA128 UTM-N: 905,179.0 UTM-E: 591,898.9 UTM-ELEV: 1,320.4 TOTAL DEPTH: 477.3 SECTION: W 83
 RFE: 52 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
7.0	0001	#		0.5-	1
10.0	0002	580	&\$ (10Q#CHLORITE SEL.) 95:05	0.5-	1
12.0	0003	530	&2 MINOR &\$	0.5-	1
14.9	0004	5380\$	(10Q#) [(50)] 95:05	0.5-	1
21.3	0005	580	8 MINOR &2 (1.0M AT T.O.I.)	0.5-	1
21.8	0006	500	(10Q#)	0.5-	1
32.9	0007	530	8 MINOR &2 MINOR IN 1M @ TOI	0.5-	1
33.5	0008	500	(10Q#)	0.5-	1
40.7	0009	580	8 MINOR	0.5-	1
41.2	0010	500		0.5-	1
75.8	0011	580	8 MINOR ->5880 (500)(10Q#)	0.5-	1
75.5	0012	5880	SLIGHTLY GREENER THAN ABOVE	0.5-	1
78.7	0013	500	.	0.5-	1
82.0	0014	5880	(10Q#CHL)	0.5-	1
83.9	0015	5380	(500) 50:50	0.5-	1
109.0	0016	530	(500)(10Q#) 90:10:MINOR	0.5-	1
113.4	0017	53\$	&0 8 MINOR	0.5-	1
114.5	0018	504\$		0.5-	1
120.5	0019	53\$0	(10Q#)	0.5-	1
123.6	0020	5A0	(5862\$) 70:30	0.5-	1
130.1	0021	532\$	&0 V. MINOR (1 00Q\$) MINOR	0.5-	1
131.6	0022	5362\$	->5A0 60:40	0.5-	1
132.8	0023	504\$	(10Q\$) MINOR	0.5-	1
137.6	0024	532\$	&0 APP. 20% UNIT CC-BEARING	0.5-	1
141.3	0025	4L\$#	#7(10Q\$#PO,SPH,GA,CPY,MARCAS?)	0.5-	1
157.2	0026	5820	&6 (10Q#)	0.5-	1
159.8	0027	4L67		0.5-	1
160.7	0028	4L724	(5A19) 60% SULF:30% 4L:10% 5A	0.5-	1
161.2	0029	53629	-> 5A19 AT BOTTOM	0.5-	1
163.2	0030	4L#	(5C#+10Q#)(586\$) 50:20:30	0.5-	1
174.7	0031	5820\$	(582\$&0)80:20 BIO,C.S.	0.5-	1
184.5	0032	5320	(500) C.S. 98:02	0.5-	1
186.3	0033	5320	(500) 60:40 (500 BIO)	0.5-	1
196.1	0034	530	&2 MINOR	0.5-	1
198.9	0035	53\$46	(10Q#) 50:50 5B ->4L	0.5-	1
205.7	0036	5362\$	-> 5A LOCALLY	0.5-	1
206.5	0037	504\$	(4047 BXA 4L FRAGS)	0.5-	1
210.5	0038	53\$	&\$ MINOR &4 ->4L6 (504\$ MINOR)	0.5-	1
216.1	0039	5C#	(5840 STR.[4L567#]) 90:10	0.5-	1
224.9	0040	4L#67	[534 STRINGER]	0.5-	1
225.5	0041	5C\$		0.5-	1
225.7	0042	5348	(10Q#) 50:50	0.5-	1
226.5	0043	5C\$	&0	0.5-	1
227.2	0044	5348	(10Q0)	0.5-	1
227.9	0045	5C3	.	0.5-	1
229.3	0046	536\$	MINOR &48	0.5-	1
230.1	0047	5C\$		0.5-	1
230.5	0048	586\$	48	0.5-	1
233.3	0049	5C\$	&4 (53648) 5C\$->50\$&4 90:10	0.5-	1
236.0	0050	4L67#	[53043 STRINGER]	0.5-	1
237.5	0051	530	&2	0.5-	1

DDH: FAGA128 UTM-N: 905,179.0 UTM-E: 591,898.9 UTM-ELEV: 1,320.4 TOTAL DEPTH: 477.3 SECTION: W 88
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
237.8	0052	5D40		0.5-	1
240.0	0053	4C#	78 W/4L PARTINGS	0.5-	1
241.1	0054	4E8	POSSIBLE 1 - MINOR #	0.5-	1
241.8	0055	4G4		0.5-	1
242.8	0056	5D\$	84	0.5-	1
245.1	0057	5B6\$	4 ->4L65 (5D3)TRACE (10Q\$)	0.5-	1
246.2	0058	5B6\$	82 (5B\$4 [5D4\$])	0.5-	1
248.1	0059	4D\$	(4E46) (10Q\$# BRECCIA VEIN)	0.5-	1
249.0	0060	4L6	W/4C BANDS // S1	0.5-	1
250.7	0061	5B\$0	82 84	0.5-	1
253.7	0062	5D0	-> [(5B80)]	0.5-	1
258.1	0063	5B08	8 MINOR (5D0)	0.5-	1
267.8	0064	5B0	.	0.5-	1
276.2	0065	5B80	(5D0)	0.5-	1
291.1	0066	5B0	8 MINOR	0.5-	1
292.8	0067	5D0	.	0.5-	1
297.4	0068	5B0	82 MINOR (5D0)(10Q\$) 70:30	0.5-	1
307.3	0069	5B20	8\$ MINOR	0.5-	1
313.0	0070	5B2\$	0 MINOR 81 ->5A\$ (5D4\$)	0.5-	1
317.0	0071	5B26	81 ->5A6	0.5-	1
322.5	0072	5A\$9	81 ->5B26\$	0.5-	1
335.7	0073	5B80		0.5-	1
336.3	0074	5D4#	.	0.5-	1
339.5	0075	5B0	84 8\$	0.5-	1
340.0	0076	5D4\$		0.5-	1
344.4	0077	5B6\$	84 (5D4\$) 60:40	0.5-	1
346.5	0078	4L6	WEAK [5B648] (5D4\$) 60:40	0.5-	1
347.0	0079	4C9	MINOR	0.5-	1
347.8	0080	5C4\$	(10Q\$9)	0.5-	1
348.4	0081	4E469	-> 4G4	0.5-	1
348.8	0082	4D0	.	0.5-	1
352.4	0083	5B4\$	82 LOCAL (5C4\$)(5D4\$) 90:10	0.5-	1
352.8	0084	4D\$	MICROBXA W. 4L PARTINGS	0.5-	1
356.1	0085	4A10	MICROBXA	0.5-	1
358.0	0086	4D3\$#		0.5-	1
358.6	0087	4A4	MICROBXA	0.5-	1
361.6	0088	4C\$	WITH 4L PARTINGS	0.5-	1
362.0	0089	4E4#		0.5-	1
363.0	0090	4C\$	WITH 4L LAMIN	0.5-	1
364.8	0091	4G4	8#	0.5-	1
367.1	0092	4L\$2	4 (4C\$) 80:20	0.5-	1
368.2	0093	4E4\$	# MINOR	0.5-	1
369.2	0094	4D0		0.5-	1
369.9	0095	4D\$	BXA (4D0) (4L0)	0.5-	1
376.1	0096	5B26\$		0.5-	1
378.4	0097	10C\$	(5B62\$) 50:50	0.5-	1
386.7	0098	5B62\$	80 MINOR	0.5-	1
390.4	0099	5B6\$	2 MINOR	0.5-	1
399.8	0100	5B0	81	0.5-	1
402.9	0101	5B20	8\$	0.5-	1
414.6	0102	5B0	(5D0)MINOR (1020)	0.5-	1

DDH: FAGA128 UTM-N: 905,179.0 UTM-E: 591,898.9 UTM-ELEV: 1,320.4 TOTAL DEPTH: 477.3 SECTION: W 88
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
419.8	0103	5B26b		0.5-	1
422.3	0104	4C0	(5D4b)	0.5-	1
425.8	0105	4L24b	(4C+) (4C0) [4L2415]	0.5-	1
426.7	0106	4Lb24	.	0.5-	1
427.2	0107	4G48	.	0.5-	1
429.9	0108	4E84	87	0.5-	1
431.7	0109	5Cb	84 ->5D\$ 84	0.5-	1
433.5	0110	4E8		0.5-	1
435.2	0111	5C89	84 (5D\$984)	0.5-	1
439.5	0112	4E4b	8#	0.5-	1
440.9	0113	4A10		0.5-	1
441.9	0114	4C88	W/ 4L PARTINGS	0.5-	1
444.6	0115	5A1b		0.5-	1
445.9	0116	4D3b	#8 (5A16)	0.5-	1
447.8	0117	5B62b		0.5-	1
477.3	0118	5A16	(808b) MINOR 89 (5D) V. MINOR	0.5-	1

DDH: FAGA128 UTM-N: 905,179.0 UTM-E: 591,898.9 UTM-ELEV: 1,320.4 TOTAL DEPTH: 477.3 SECTION: W 88
 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
FAGA128	0.0	12.7	PS2		0	0	0	0	81	230	0		1	1	1
FAGA128	0.0	16.6	CS2	D	0	0	0	0	76	230	0		1	1	1
FAGA128	0.0	22.3	CS2	D	0	0	0	0	70	230	0		1	1	1
FAGA128	0.0	26.0	CS2		0	0	0	0	75	230	0		1	1	1
FAGA128	0.0	32.6	CS2	D	0	0	0	0	82	230	0		1	1	1
FAGA128	0.0	38.0	CS2	D	0	0	0	0	83	230	0		1	1	1
FAGA128	0.0	43.3	CS2		0	0	0	0	85	230	0		1	1	1
FAGA128	0.0	50.2	CS2	D	0	0	0	0	76	230	0		1	1	1
FAGA128	0.0	56.2	CS2		0	0	0	0	85	230	0		1	1	1
FAGA128	0.0	62.3	CS2		0	0	0	0	80	230	0		1	1	1
FAGA128	0.0	66.0	CS2		0	0	0	0	75	230	0		1	1	1
FAGA128	0.0	73.1	CS2		0	0	0	0	82	230	0		1	1	1
FAGA128	0.0	79.0	CS2		0	0	0	0	85	230	0		1	1	1
FAGA128	0.0	85.1	CS2		0	0	0	0	74	230	0		1	1	1
FAGA128	0.0	91.8	CS2	D	0	0	0	0	73	230	0		1	1	1
FAGA128	0.0	95.3	CS2		0	0	0	0	73	230	0		1	1	1
FAGA128	0.0	101.5	CS2		0	0	0	0	81	230	0		1	1	1
FAGA128	0.0	106.7	CS2		0	0	0	0	83	230	0		1	1	1
FAGA128	0.0	116.4	CS2		0	0	0	0	79	230	0		1	1	1
FAGA128	0.0	125.6	CS2		0	0	0	0	71	230	0		1	1	1
FAGA128	0.0	130.6	PS2		0	0	0	0	76	230	0		1	1	1
FAGA128	0.0	135.5	PS2		0	0	0	0	80	230	0		1	1	1
FAGA128	0.0	136.2	CS2		0	0	0	0	90	230	0		1	1	1
FAGA128	0.0	146.5	PS2		0	0	0	0	86	230	0		1	1	1
FAGA128	0.0	149.3	CS2		0	0	0	0	90	230	0		1	1	1
FAGA128	0.0	154.5	PS2		0	0	0	0	86	230	0		1	1	1
FAGA128	0.0	165.2	CS2		0	0	0	0	88	230	0		1	1	1
FAGA128	0.0	170.3	CS2		0	0	0	0	80	230	0		1	1	1
FAGA128	0.0	176.4	CS2		0	0	0	0	78	230	0		1	1	1
FAGA128	0.0	185.2	CS2		0	0	0	0	86	230	0		1	1	1
FAGA128	0.0	190.9	CS2		0	0	0	0	85	230	0		1	1	1
FAGA128	0.0	199.5	CS2		0	0	0	0	73	230	0		1	1	1
FAGA128	0.0	211.5	CS2		0	0	0	0	85	230	0		1	1	1
FAGA128	0.0	219.9	PS2		0	0	0	0	85	230	0		1	1	1
FAGA128	0.0	230.0	CS2		0	0	0	0	86	230	0		1	1	1
FAGA128	0.0	234.0	PS2		0	0	0	0	85	230	0		1	1	1
FAGA128	0.0	244.1	CS2		0	0	0	0	75	230	0		1	1	1
FAGA128	0.0	251.5	CS2		0	0	0	0	83	230	0		1	1	1
FAGA128	0.0	258.5	CS2		0	0	0	0	78	230	0		1	1	1
FAGA128	0.0	265.3	CS2		0	0	0	0	73	230	0		1	1	1
FAGA128	0.0	270.4	CS2		0	0	0	0	75	230	0		1	1	1
FAGA128	0.0	284.0	CS2		0	0	0	0	69	230	0		1	1	1
FAGA128	0.0	285.4	CS2		0	0	0	0	63	230	0		1	1	1
FAGA128	0.0	293.7	CS2	D	0	0	0	0	30	230	0		1	1	1
FAGA128	0.0	302.5	CS2	D	0	0	0	0	72	230	0		1	1	1
FAGA128	0.0	309.6	CS2		0	0	0	0	65	230	0		1	1	1
FAGA128	0.0	320.4	CS2		0	0	0	0	56	230	0		1	1	1
FAGA128	0.0	325.6	CS2		0	0	0	0	80	230	0		1	1	1
FAGA128	0.0	330.2	PS2		0	0	0	0	63	230	0		1	1	1
FAGA128	0.0	335.6	PS2		0	0	0	0	81	230	0		1	1	1
FAGA128	0.0	347.4	CS2		0	0	0	0	74	230	0		1	1	1

DDH: FAGA128 UTM-N: 905,179.0 UTM-E: 591,898.9 UTM-ELEV: 1,320.4 TOTAL DEPTH: 477.3 SECTION: W 88
 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
FAGA128	0.0	351.5	PS2		0	0	55	230	0	1	1	1
FAGA128	0.0	362.2	PS2		0	0	76	230	0	1	1	1
FAGA128	0.0	367.7	PS2		0	0	55	230	0	1	1	1
FAGA128	0.0	374.6	PS2		0	0	77	230	0	1	1	1
FAGA128	0.0	381.6	CS2		0	0	79	230	0	1	1	1
FAGA128	0.0	391.5	CS2		0	0	78	230	0	1	1	1
FAGA128	0.0	395.6	PS2		0	0	70	230	0	1	1	1
FAGA128	0.0	404.3	PS2		0	0	73	230	0	1	1	1
FAGA128	0.0	408.8	CS2		0	0	79	230	0	1	1	1
FAGA128	0.0	416.7	CS2		0	0	83	230	0	1	1	1
FAGA128	0.0	422.9	PS2		0	0	83	230	0	1	1	1
FAGA128	0.0	430.1	PS2		0	0	70	230	0	1	1	1
FAGA128	0.0	440.0	PS2		0	0	72	230	0	1	1	1
FAGA128	0.0	444.4	PS2		0	0	77	230	0	1	1	1
FAGA128	0.0	452.8	PS2		0	0	73	230	0	1	1	1
FAGA128	0.0	465.2	PS2		0	0	70	230	0	1	1	1
FAGA128	0.0	477.2	PS2		0	0	60	230	0	1	1	1

DDH: FAGA128 UTM-N: 905,179.0 UTM-E: 591,898.9 UTM-ELEV: 1,320.4 TOTAL DEPTH: 477.3 SECTION: W 38
 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
FAGA128	7.0	8.0	BR	5			0	0	0	1
FAGA128	8.0	10.0	2B				0	0	0	1
FAGA128	10.2	12.0	3TR				0	0	0	1
FAGA128	12.0	14.9	2B	7			0	0	0	1
FAGA128	0.0	16.5	R				0	0	0	1
FAGA128	0.0	17.4	R				0	0	0	1
FAGA128	21.8	32.9	2B				0	0	0	1
FAGA128	37.7	40.7	1B				0	0	0	1
FAGA128	53.5	53.5	R				0	0	0	1
FAGA128	57.0	58.5	2BR				0	0	0	1
FAGA128	82.0	83.9	1B				0	0	0	1
FAGA128	95.0	97.2	RG				0	0	0	1
FAGA128	109.0	110.0	R				0	0	0	1
FAGA128	110.0	113.2	2B				0	0	0	1
FAGA128	113.2	113.4	R				0	0	0	1
FAGA128	114.6	114.9	R				0	0	0	1
FAGA128	115.7	120.2	3B				0	0	0	1
FAGA128	120.2	123.6	G				0	99	999	1
FAGA128	0.0	130.3	1R				0	0	0	1
FAGA128	132.3	135.2	2B				0	0	0	1
FAGA128	0.0	160.1	G				0	0	0	1
FAGA128	159.8	160.7	D				0	0	0	1
FAGA128	0.0	161.2	1G				0	0	0	1
FAGA128	160.7	163.2	2B				0	0	0	1
FAGA128	167.4	168.8	2B				0	0	0	1
FAGA128	170.9	171.6	RG	2			0	0	0	1
FAGA128	0.0	199.0	1G				0	99	999	1
FAGA128	202.4	202.8	1RG				0	0	0	1
FAGA128	0.0	203.9	1G				0	0	0	1
FAGA128	203.9	205.7	1B				0	0	0	1
FAGA128	246.4	246.6	X				0	0	0	1
FAGA128	247.5	248.1	X				0	0	0	1
FAGA128	248.1	249.0	BX				0	0	0	1
FAGA128	272.2	275.2	BR	3			0	0	0	1
FAGA128	0.0	297.1	1X				0	0	0	1
FAGA128	297.4	303.0	2B				0	0	0	1
FAGA128	303.0	304.8	3BG				0	0	0	1
FAGA128	0.0	305.9	1G				0	0	0	1
FAGA128	0.0	306.9	1G				0	0	0	1
FAGA128	304.8	307.3	2BG				0	0	0	1
FAGA128	0.0	307.5	1G				0	0	0	1
FAGA128	312.0	313.0	3BG				0	0	0	1
FAGA128	313.0	315.2	3BR	5			0	0	0	1
FAGA128	315.2	315.6	RG				0	0	0	1
FAGA128	313.0	317.0	3BG				0	0	0	1
FAGA128	315.6	317.0	RG	6			0	0	0	1
FAGA128	317.0	320.0	3BR	8			0	0	0	1
FAGA128	320.0	321.8	1B				0	0	0	1
FAGA128	321.8	322.5	2BG				0	99	999	1
FAGA128	0.0	330.6	1G				0	0	0	1
FAGA128	0.0	331.5	1G				0	0	0	1

DDH: FAGA128 UTM-N: 905,179.0 UTM-E: 591,898.9 UTM-ELEV: 1,320.4 TOTAL DEPTH: 477.3 SECTION: W 88
 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
FAGA128	0.0	331.8	1G				0	0	0	1
FAGA128	328.6	334.0	2BR				0	0	0	1
FAGA128	336.3	336.6	GR				0	0	0	1
FAGA128	336.6	338.6	2B	8			0	0	0	1
FAGA128	338.6	339.5	GR	3			0	0	0	1
FAGA128	340.0	344.4	3BR				0	0	0	1
FAGA128	344.4	345.8	2B				0	0	0	1
FAGA128	345.8	346.5	3BG				0	0	0	1
FAGA128	347.0	347.8	Q				0	0	0	1
FAGA128	348.8	352.4	2B				0	0	0	1
FAGA128	352.8	354.0	2B				0	0	0	1
FAGA128	354.0	354.8	3BR				0	0	0	1
FAGA128	354.8	355.1	R	3			0	0	0	1
FAGA128	355.1	355.7	RB	8			0	0	0	1
FAGA128	352.4	356.1	D				0	0	0	1
FAGA128	355.1	358.0	2BR				0	0	0	1
FAGA128	0.0	358.4	3RG				0	0	0	1
FAGA128	358.0	359.1	D				0	0	0	1
FAGA128	358.6	359.1	3BR				0	0	0	1
FAGA128	359.1	361.6	3BR				0	0	0	1
FAGA128	0.0	361.8	G				0	0	0	1
FAGA128	369.9	371.9	3BR				0	0	0	1
FAGA128	376.5	377.3	GR				0	0	0	1
FAGA128	376.1	378.4	3B				0	0	0	1
FAGA128	378.4	378.6	GR				0	0	0	1
FAGA128	378.6	386.7	2B				0	0	0	1
FAGA128	386.7	387.4	RG				0	0	0	1
FAGA128	387.4	388.1	2B				0	0	0	1
FAGA128	388.1	388.9	2BG				0	0	99	1
FAGA128	388.9	389.5	3B	8			0	0	0	1
FAGA128	389.5	390.4	RG				0	0	99	1
FAGA128	427.2	429.9	D				0	0	0	1
FAGA128	431.7	433.5	D				0	0	0	1
FAGA128	434.7	434.9	QX				0	0	0	1
FAGA128	435.8	436.5	D				0	0	0	1
FAGA128	439.5	440.9	XQ				0	0	0	1
FAGA128	457.3	457.5	RG				0	0	0	1

13OCT83 GRUM

DOWN-HOLE SPLINES (DH020)

PAGE: 24

DDH: FAGA128 UTM-N: 905,179.0 UTM-E: 591,898.9 UTM-ELEV: 1,320.4 TOTAL DEPTH: 477.3 SECTION: W 88
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH SEGMENT NOS COND INDICATOR

FAGA128	1	2
FAGA128	2	2
FAGA128	3	2
FAGA128	4	2
FAGA128	5	2
FAGA128	6	1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: FAGA 128

Fabric Orientation Diagram:

Project: GRUM RELOG

Location: SECTION 88W

Claim: _____

Terr. Plane Co-ords.: 6905178.9752 N

591898.8843 E

Grid Co-ords.: 88W

0+25 S

Elevation: 1320.36

Total Depth: 477.3m

Purpose: To test ore

Logged by: LCP/GAI

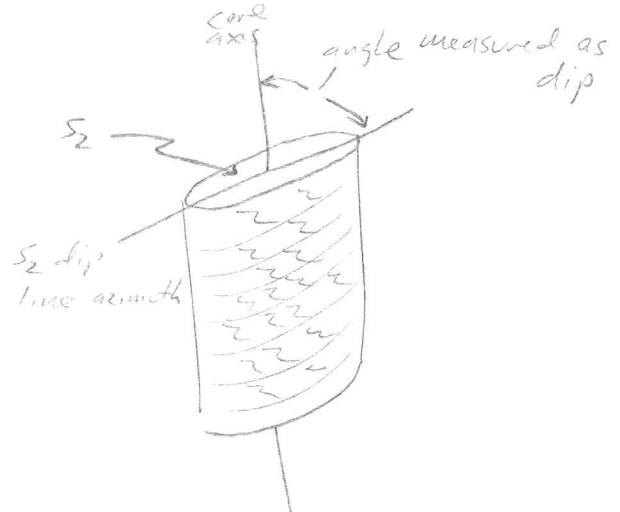
Date(s) Logged: AUG 1 - AUG 2 / 1983

Drilling Contractor: Cameron MacIntosh

Core: Size From To Collar Cased and Capped: _____

NO 0 550'

BP 550' 477.3m



All symmetry determinations looking

NW with S₂ dipping

SW with dip azimuth 230.

Started: Oct 2, 1975 Completed: Oct 13, 1975

DDH FAGAL28
2 8Cyprus Anvil Mining Corp.
Lithologic LogPage 3 of _____Date: 2 Aug/83 Logged By: GAI/KCP

Code	From	To	Recov.	No.	Unit	Description
L	10 0	14 70		11	#	TRICONED - no recovery
L	17 0	110 0		12	15B101	± \$ (10Q# chtrik sludge) 95:05 Carbonate bands weather rusty. Poorly developed lithium structure. Slightly green lithium structure. Unit moderately broken / 7.0-8.0 broken & rubble - probably 2.5m lost
L	110 0	112 0		13	15B101	± 2 (minor) ± \$ Similar to #2 Only slightly more carbonaceous PSZ stripes Unit broken & poker chippy / minor rubble - no gouge
L	112 0	114 9		14	15B1810	\$ (10Q#) [(5D)] 95:05 Some of unit may be 5D. Moderately to very broken, rusty-weathering about 0.7m core loss / No fault obvious for rusty color
L	114 9	121 3		15	15B101	8 (minor) ± 2 (1.0 m at T.O.I.) First meter is ± 2 / Core intact but for minor rubble @ 16.5, 17.4m
L	121 3	121 8		16	15D101	(10Q#) Intact
L	121 8	132 9		17	15B101	8 (minor) ± 2 (minor in 1.0m @ T.O.I.) Good lithium structure / Core Moderately broken - esp. in last 3.5m and from 23-24 m. - no gouge - probably not fault

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	1312.9	1313.5		18	15D101	(10Q#) Probably one asymmetric S-fold closure in unit - it is thickness w/ fold in center / Core intact
L	1313.5	1410.7		19	15B101	minor 8 Excellent lithium structure / Intact - minor broken core in last 3m.
L	1410.7	1411.2		110	15D101	Identical to above (Unit # B) / Core intact
L	1411.2	1715.8		111	15B101	minor 8 (5D0) (10Q#) → 5B80 5D very minor as thin bands / 10Q less than 1% as 10-30µm parallel S ₂ bands / Po phylloblasts @ ~ 58.5m / Excellent lithium Intact to 53.3 + rubble 53.3 to 53.5m + intact 53.5-57.0m + 57.0-58.5 med. broken to rubble - no major faults / 58.5- E.O.T. relatively intact w/ minor broken sections - no faults Transitional to 5B8
L	1715.8	1716.5		112	15B1810	Slightly greener than above / Core intact
L	1716.5	1718.7		113	15D101	With calcite bands / About 10% calcite in between bands - rest in bands Core intact
L	1718.7	1812.0		114	15B1810	(10Q# calcite) Intact / last 1.5m is greener
L	1812.0	1813.9		115	15B1810	(5D0) 50:50 Slightly broken - no faults

Code	From	To	Recov.	No.	Unit	Description
L	10839	110190		116	5B10	(500) (10Q#) 90:10:mins 5D - 10-30 cm. interbands / 10Q as 10-50cm lenses parallel S ₂ Core intact / rubble w/ incipient gauge 95-97.2 - prob. no faults
L	110190	11134		117	5B10	±0 B mins Good litho structure - texturally like Vargonda / 0.3m 5B26 at T.O.I. Approx. 10% of carbonate calcite / Core moderately broken - top 1.0 m rubble - bottom 0.2 m rubble - both no faults
L	11134	11146		118	5D41	locally laminated / 4 because of tone colour / Intact
L	11146	112105		119	5B10	(10Q#) Core T.O.I. - 114.9 rubble w/ incipient gauge / Intact 114.9-116.7 / Very broken to mod. broken 116.7-120.2 / 120.2-120.5 gauge
L	112105	112136		120	5A10	(5B62\$) 70:30 Mostly gauged / lower contact 1152 / internal gauge parallel S ₂ / upper contact indeterminate. / Fault could be as steep as 45° to core First significant fault in DDH - Bankruptcy break (?!?)
L	112136	113101		121	5B121	±0 (very minor) (10Q\$) - minor Good dolomitic siltstone banking - weathers orange-tan / Vuggy 10Q\$ w/ pyrite Unit relatively intact / last 1.0m not carbonaceous - 5B\$4 - resembles D.S.'s ultracarbonated

change to BQ at 550 feet

DDH F.A.G.A.1.2.8
2 8

Cyprus Anvil Mining Corp.
Lithologic Log

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Date: 2/9/83 Logged By: GAS/LCP

Code	From	To	Recov.	No.	Unit	Description
L	11310.1	11311.6		1212	5181612	\$ → 5A0 60:40 Generally PS2 foliated - minor lithom structure / Pyrite porphs / Unit mostly intact - rubble (minor) @ 130.3
L	11311.6	11312.8		1213	512411	(10Q#) minor Sharp S ₂ // contact @ Top / interleaved contact @ bottom / Intact / Weathers rusty tan
L	11312.8	11317.6		1214	518121	± 0 About 20% calcite-bearing of unit Good PS2 carbonaceous strips / locally good lithom / T.O.I - 135.2 moderately broken / 135.2 - E.O.I is intact
L	11317.6	11411.3		1215	141451	#7 (10Q## po, sph, ga, spy, marcasite?) Qtz veins are brecciated w/ sulfides filling fractures / Similar texture for 4L. Origin of structure & feature uncertain - not a convincing fault - lower contact folded by D2 - not // S ₂ - doesn't cut S ₂ - generally appears // S ₂ - gradational 4L into bounding units - 4L6 has greenish tinge Not exhalative sulfides
L	11411.3	11517.2		1216	5181210	± 6 (10Q#) 0 With brown (biotite) & green (actinolite) near calc-silicate bands Moderately well developed lithom / 10Q mostly from 150-153m - chlorite selvages - minor py - approx S ₂ foliaform lenses - 15% of the stert interval / Unit overall intact / recovery OK / Gradational lower contact Po porphs

4L##

Code	From	To	Recov.	No.	Unit	Description
L	11572	11598		1217	HL67	Po w/ qtz in stringers // S ₂ 1-5mm thick. / Slight green tinge - no grey tinge left at all.
L	11598	11607		1218	HL72 4	S ₂ (5A19) 60 sulfides / 30 4h / 10% SA Sulfide bands (qtz present) with 1-3cm bands of micaceous pale green tinged 4h. / Different from above by high sulfide content - mainly Po / Flow breccia w/ disrupted plagioclase 4h bands in sulfides / Core intact / minor fault 0.3m below T.O.I - 45° core axis - not significant
L	11607	11612		129	5B612 9	→ 5A19 at bottom Gradational top contact / Sharp S ₂ parallel bottom contact / Mod Broken
L	11612	11632		1310	HL5	(5G# + 10Q#) (5B6\$) 50:20:30 Minor gouge near T.O.I - otherwise intact
L	11632	11747		1311	5B210 \$	(5B2\$ ± 0) 80:20 2 minors - mainly upper 3 meters Biotitic & calc-silicate / 5B\$ portion mainly 166-168m. / Good lithium structure T.O.I - 167.4 intact / 167.4-168.8 moderately broken w/ minor incip gouge / 168.8-170.9 intact / 170.9-171.6 rubble & gouge w/ 0.2m recovered / 171.6 - EOI intact probably not important
L	11747	11845		1312	5B210	(5D0) 98:02 Good lithons / locally calc-silicate development / SD @ 178.2-178.6 Unit intact / Gradational upper contact

HL#

Code	From	To	Recov.	No.	Unit	Description
L	118145	118163		1313	5B1210	(5D0) 60140 5D biotite-bearing - also blebs of Po in 5D / Core intact
L	118163	119161		1314	5B101	± 2 (minor) Po porphyro blasts / last 1.0 m in 5B20 / Some biotite & calc-silicate but less than above / Also pyrite porphs
L	119161	119189		1315	5B146	(10Q#) 5D:50 5B → 4L Mixed 5B phyll & qtz veins w/ sections of weak to strong bleaching to creamy green similar to 4L / some dolomite fracturing in grey 5B / Basal contact sharp 115 ₂ - associated w/ dolomitic breccia - possible fault?
L	119189	1210157		1316	5B162\$	→ 5A locally Excellent dolomite - qtz ssitstone lithons / weathers slightly rusty / moderately broken - minor S ₂ 11 gauge @ 199 - minor gauge & rubble 202.4-202.8 - minor gauge @ 203.9 - 203.9 to EOT is slightly broken
L	1210157	1210165		1317	5D41\$	(4D47 to 4L frags) 4D well banded w/ 4L partings & frags. - upper 0.2m of unit / Intact
L	1210165	121105		1318	5B161	±\$ (minor) ±4 → 4L6 (5D4\$ minor) Mostly intact
L	121105	121161		1319	5C#	Nice lithon texture - could be a variant of 5B Core intact 5B40 (5B40 stringed (po) [4L567#]) 90:10

Code	From	To	Recov.	No.	Unit	Description
L	121161	121249		1410	15B1567	[5B4 stringer] 5B analogue of 360 stringered / Po in D2-filled bands 3-20cm thick / Cpy-sph associated / Unit has biotite / green actinolite (?) / Overall ~ 5% po / Similar to interband in last unit / Grades down into 5B / Core intact
L	121249	121255		1411	15C1#1	Core intact
L	121255	121257		1412	15B1418	(10Q#) 50:50
L	121257	121265		1413	15C1#1	±0 Calcite present at bottom of unit
L	121265	121272		1414	15B1418	(10Q0) Intact
L	121272	121279		1415	15C131	Intact
L	121279	121293		1416	15B161#	(minor) ±48 Similar to altered unit just above
L	121293	121301		1417	15C1#1	
L	121301	121305		1418	15B161#	48 Good libms / pale greenish gray
L	121305	121333		1419	15C1#1	±4 (5B648) 5C# → 5D# ±4 90:10 (10Q#) minor

Code	From	To	Recov.	No.	Unit	Description
L	121313.3	121316.0		1510	4267# 5 calcite	[5B040 stringer] SB analogue of 360 stringer / least 0.4m is interlayered 4D3 w/ slightly chlorite muscovite partings - 4L / Similar to phyllite in main part of unit
L	121316.0	121317.5		1511	5B101 ± 2	Intact / Good calcareous microlithons
L	121317.5	121317.8		1512	5D1410	Still green phyllite w/ qtz-calcite bands / Slightly altered / Has 5.3 cluge
L	121317.8	121410.0		1513	4267# 7B w/ 4L partings	Calcite + dolomite / Interbedded py & po rich qtz-sulphide and light greenish cream phyllitic 4L / Approx 40% total sulfides / 239.2-239.7 is very py-rich - could be related to 4G w/ carbonate rather than basite
L	121410.0	121411.1		1514	41E184	possible 1 - minor \$ Magnetite in 1mm bands
L	121411.1	121411.8		1515	41G101	Very baritic (~40%) / No fizz / gradational lower contact
L	121411.8	121412.8		1516	5D1\$1 ± 4	Intact
L	121412.8	121415.1		1517	5B161\$ 4	→ 4265 (5D3 trace) (100\$) Has 5cm 5D parallel S ₂ interband / Good lithons texture / large F2 fold nose / Qtz-dol. lenses along S ₁

4E# \$78
w/ 4L partings
see assay

4E8
see assays

4G4
see assays

Code	From	To	Recov.	No.	Unit	Description
	10 14 16	20 22 24	26 28 30	34 35		
L	121415	121416	2	1518	5B	±2 (5B±4 [5D4±7]) Good siltstone lithous in 5B
L	121416	121418	1	1519	4D	(4E46) (10D±# breccia vein) Breccia has sulfide frags in carbonate matrix — tectonic breccia — occurs in intervals 247.5-EOI & 246.4-246.6 Similar to sulphide intersections above w/ 4k partings (#53) No magnetite
L	121419	121510	7	1611	5B	±2 ±4 Altered & dolomitized 5B
L	121418	121419	0	1610	4K	with 4C bands parallel 5, 4C ≤ 1cm thick. / 8 cm of 4ED @ 248.9 / Unit broken & locally brecciated. / Appears related to above sulphides These sulphide intersections have previously been interpreted as intercalated tufts of exhalites — interpreted as upper horizon — should consider if tufts are actually altered pelites *
L	121510	121513	7	1612	5D	→ [(5B80)] Gradational lower contact to 5B80 / Intact
L	121513	121518	1	1613	5B	± minor (5D0) Dolomite mainly at top 0.5 m. Large S2 fold nose



Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	1215181	1216178		1614	15B101	Q+ veins (tiny) / Relatively intact / Upper contact arbitrary
L	1216178	1217162		1615	15B810	(500) Commonly gradational contacts both internally & upper and lower Intact except for 272.2-275.2 only have 1m of broken core w/ minor rubble. Interval 272.2-273.4 - broken & rubble of 0.4m - bottom half ultracarbonat. SB - any gouge is washed away - possible fault? / 273.4-275.2 has 0.6m of moderately broken core - assume core loss at top. \downarrow Core loss 273.4-274.6
L	1217162	1219111		1616	15B101	8 minor Minor biotite associated w/ carbonate lithons / Incipient calc-silicate development / Good lithon texture
L	1219111	1219128		1617	15D101	Intact
L	1219128	1219174		1618	15B101	I 2 (minor) (500) (10Q#) 70:30 SD sharply banded 2-40cm S ₂ // bands - presumed metatuffs / Base of unit carbonat. (dolomitized) & pink - appears related to minor fault breccia @ 297.1 / Unit intact
L	1219174	131073		1619	15B1210	I 4 (minor) Not very calcareous / Locally good siltstone micro. lithon texture / T.O.I. - 303 core med. broken - 303-304.8 very brkn w/ gouge 304-304.4 (ind)

304.8 - EOI med. brkn w/ minor gouge & rubble mainly @ 305.9, 306.9, 307.5

hot 0.1m is banded 4E4# & minor SD

Code	From	To	Recov.	No.	Unit	Description
I	10 14 16	20 22 24	26 28 30	34 35		
L	1310173	1311130		170	15B121\$	0(minor) → 5A\$ (5D4\$) ±1 moderately hard. Good dolomitic siltstone bands / 5D as minor 10-20 cm bands / Intact to 312.0 — 312-313 very broken w/ minor core loss of ind. gauge 312-312.4 / 312.4- 312.7 312.7 to 1000 fragments of 0.15m — also 5A19 fog here — No major fault Minor py & sphal associated w/ qtz-dol. siltstone bands
L	1311130	1311170		171	15B1216	→ 5A6 ±1 Minor py & sphal. assoc w/ quartzose bands — not 4A Unit entirely broken w/ much rubble core 313-315.2 brkn, no gauge, 50% recov. 315.2-315.6 brkn recover 315.6-317.0 rubble, gauge lumps, qtz vein frags, about 1m recovered — probably no significant fault — lith. controlled.
L	1311170	1312125		172	15A19 ±1 → 5B26\$	Short interbedded sulfide sections 4E0 317.-317.1 4E0 317.6-318.2 4E bx backshot texture { 4F4 } 4J2 318.5-318.6 4J2 320.5 4J2 322.1 Minor pyrite in quartzose lithons 317-320 very broken — just rubble — 80% recov / 320-321.8 mod. brkn to intact — good recov / 321.8-322.5 mod. brkn incipient gauge approx 11 S ₂ dipping @ 45° / lower contact intact — may be significant fault because of abrupt lith change

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	131225	1313157		173	51880	Top 1.0 m. is dolomitic / Good lithon structure - close spaced / is quite weak - rock looks slightly bleached / may be 2 carbonates present TOI - 328.6 intact / 328.6 - 334 mod. brkn & locally rubble, recov. OK, minor indet gauge @ 330.6, 331.5, 331.8 - no major faults
L	1313157	1313163		174	51814#	Intact
L	1313163	1313195		175	51810	I4 ± \$ Vanguard phyll partly bleached & locally dolomitized. Indet gauge & rubble 336.3-336.6 / 336.6-338.6 mod. brkn w/ 80% recov / 338.6 - EOI, 0.4m of gauge, rubble, broken core, lower contact indet. Significant fault?
L	1313195	1314100		176	51814#	
L	1314100	1314144		177	51810 \$	I4 (504 \$) 60:40 Phyllites dolomitized SB w/ lithon structure Core very broken, locally rubble, minor gauge, recovery OK
L	1314144	1314165		178	41161	weak [518148] (504 \$) 60:40 Core mod. to very brkn. Pale cream green micaceous phyllite w/ 10-30 cm SD interbands at EOI & TOI best m. - core more broken - cut by dolomitic cracks veins 345.8-346.5 core very broken w/ gauge for 0.3m. then mod. brkn w/ minor rubble.

Code	From	To	Recov.	No.	Unit	Description						
1	10	14	16	20	22	24	26	28	30	34	35	
L	1314165	1314170		179	141C19	(9 minor) 2cm 4G4 at TOI						
L	1314170	1314178		180	151C14f	(10Q49) Very highly carbonated - probably originally 5CD / full of qtz-ls/ veins which are themselves fractured.						
L	1314178	1314184		181	141E16B	→ 4G4 Intact						
L	1314184	1314188		182	141D101	Intact						
L	1314188	1315124		183	151B14f	I2 (local) (5C4f) (5D4f) 90:10 5C/D4f has minor S ₂ filiform sphalerite bands - variation of carbonate alteration from higher (2.336m) Moderately to strongly broken						
L	1315124	1315128		184	141D1f	microbx with 4k partings 2cm 4E4 at end. Core split						
L	1315128	1315161		185	141A10	microbx. I refers to closely spaced qtz-py laminae - only minor carbonaceous wisps. Core split - originally mod. broken to rubble TOI - 354 mod. broken / 354-354.8 very broken w/ rubble / 354.8-355.1 less oil in rubble recovered / 355.1-355.7 0.5m rubble of broken core No major major fault						

Code	From	To	Recov.	No.	Unit	Description
L	131561	131580		186	41D31#	# Carbonate in bands diss. w/ sulfides - also minor qtz-carbonate clasts/augen Core med. broken to locally rubble
L	131580	131586		187	41A4	microbx much rubble & gouge @ 358.4
L	131586	131616		188	(41D1#)	w/ 4L partings - some possibly after 5D Appears to be interlayered qtz-sulphide, qtz-carbonate-sulphide, phylite Minor interlayered 4A 360-360.3 Core very broken & rubble, some microbx textures in upper 0.5m
L	131616	131618		189	41E4#	Pyrite sand @ 361.8
L	131620	131630		190	4C#1	w/ 4L laminations - possibly after 5D, # Similar to #87 w/ 4L laminations Qtz-bol-py-sphal rock w/ poorly developed banding 11S ₂
L	131630	131648		191	41G4	± # Increasingly baritic towards base
L	131648	131671		192	(41K5#) 24	(4C#) 80:20 TOE - 365.0 4C# as unit # 87 365.0 - 367.2 4L 25#?4 Qtz-bol-mus-minor chlorite, strongly foliated, weakly banded / 4L type alt /

4C#
see assays

4L#2 4

Local remnants of 5C4# / Contains py-sphal bands

DDH FAGAL28
2 8Cyprus Anvil Mining Corp.
Lithologic LogPage 17 of _____Date: 2 Aug 83 Logged By: GAI/LCP

Code	From	To	Recov.	No.	Unit	Description
L	131671	131682		913	4E4@	#(minor) Interstitial fine white, soft, unidentified non-friable carbonate in massive sulphides
L	131682	131692		914	4D0	
L	131692	131699		915	4D1\$	bx (4D0) (4D0) w carbonate-gtz interbeds /n upper 0.2m. / Then 4D frags in carbonate matrix w/ some 4L micaceous partings Similar to 364.0-367.1 Unit # 91
L	131699	131716		916	5B216\$	Calcite in fractures & along S2 foliations Very broken w/ rubble & indet minor gauge in Top 2 meters - recovery OK
L	131716	131784		917	1100\$	(5862\$) 50:50 Core very broken / gauge & rubble 376.8-377.3
L	131784	131817		918	5B162\$	\$ ± 0 (minor) locally well developed lithons w/ quartz ss. bands. Pyrite present in siltstone bands Core moderately broken / 0.2m ind rubble & gauge at TOI
L	131817	131910		919	5B162 (minor)\$	Same as above unit only more broken

C.A.M.C. 1981 - E - 3A
TOI - 387.4 rubble & indet. gauge / 387.4-388.1 mod. brkn / 388.1-388.9 mod. brkn w/ incip. gauge 1152 / 388.9-389.5 very brkn 80% recov / 389.5-E0I brkn, rubble, gauge - internal 45°C. A. 1152

Code	From	To	Recov.	No.	Unit	Description
	10 14 16	20 22 24	26 28 30	34 35		
L	3904	3998		109	5B10	± § Intact
L	3998	4029		101	5B120	± § (minor) last meter is 5B23 / Intact
L	4029	4146		102	5B10	(5D0) minor (1000) Core intact / Good microlith texture / Lower 3 meters begins to have more siltstones / 5D 5cm to 2cm bands
L	4146	4198		103	5B126	± § Excellent litho structure w/ quartz-siltstone bands. Abundant siltstone Carbonate break + dolomite break / Lower contact sharp Core intact Texture like 5A* - only too light
L	4198	4223		104	(4D10)	(5D4) § 5D is well banded - not carbonate-rich - could be altered 4A
L	4223	4258		105	(4K2145)	(4C*)(4C0) [4K2415] Interlayered 4C*, 4C0, 4L phyllites - similar to above unit only more finely interlayered, lower grade, & minor normal 4D - similar to sulfides near 235 & 239 (Units) § 360m. Phyllites are greenish-tinged cream (slightly green 4L) / About 10-15% total sulfides 60% 4L type phyllite / Sharp contact @ T.O.I.

4C0
see assays

4K24 §

4L#24

Cyprus Anvil Mining Corp.
Lithologic Log

Date: 2 Aug 83 Logged By: GAS/LCP

Code	From	To	Recov.	No.	Unit	Description
L	141215 9	141216 7		1106	4L#24	Intact Similar to above Unit #104 / 4D34, 4C3± *(\$) 4L partings Similar to above only more sulfide-rich
L	141216 7	141217 2		1107	41G418	Intact
L	141217 2	141219 9		1108	41E184	= 7 Intact Magnetite forms blobs to bands - associated w/ sphal. & po / looking brecciated w/ carbonate-looking clasts & qtz clasts / Py clasts in go matrix
L	141219 9	141311 7		1109	5TC1\$1	= 4 → 5D\$ ± 4 Intact
L	141311 7	141313 5		1110	41E18	w fine magnetite grains & thin sphal. bands / Floccy calc. clasts up to 1cm across / laminarly banded & foliated
L	141313 5	141315 2		1111	5TC1\$19	= 4 (5D\$ ± 4) Minor foliform S ₂ bands of qtz-py-sphal. 1cm thick. - 70% sulfides 434.7-434.9 breccia w/ sulfide frags (4E4, 10Q\$, 5C4\$) in a dolomite + calcite matrix
L	141315 2	141319 5		1112	41E41\$	8# Bx from 435.8-436.5 — large 4L flatter in sulfides / than dolomite clasts / Fracture & veined by dolomite + calcite / Minor interbedded 4A13 in last 1/2 m.

Code	From	To	Recov.	No.	Unit	Description
L	14395	14409		1113	14A110	Crackle breccia & filled w/ dol. & calcite / 1 refers to gts-pyrite bands
L	144109	144119		1114	14C112	w/ 4k gangings As higher up the DDH Very hard - doesn't fit into normal facies
L	144119	144146		1115	15A111	\$(minor - 20%) / Minor pyrite where gts bands present / P52 foliated / Dark grey
L	144146	144159		1116	14D131 # 8 (5A16)	8 minor
L	144159	144178		1117	15B162 \$	With good siltstone bands / Intercalated soft grey phyllite & hard grey siltstone
L	144178	144173		1118	15A116	(± 0 ± \$) minor ± 9 (py, po associated w/ gts bands) (5D) very minor $< 1\%$ total sulfides / $< 20\%$ interval has carbonates 5D - small diff. bands / from 1mm to 2cm thick. TOT - 457.3 intact / 457.3 - 457.5 rubble & indet. gauge / 457.5 - EOH intact
						EOH

Structural Log

Date: 2 Aug/83 Logged By: SAJ/KCP

Code	From		To		Feature	SYM	S ₀		S ₁		S ₂		Description	
	10	14	16	20			22	24	26	28	32	34		38	40	44
S				1127	PS12							81	2310	
S				1166	CS12D							76		
S				1223	CS12D							70		
S				1260	CS12							75		
S				1326	CS12D							82		
S				1380	CS12D							83		
S				1433	CS12							85		
S				1502	CS12D							76		
S				1562	CS12							85		
S				1623	CS12							80		
S				1660	CS12							75		
S				1731	CS12							82		
S				1790	CS12							85		
S				1851	CS12							74		
S				1918	CS12D							73		
S				1953	CS12							73		
S				11015	CS12							81		
S				110167	CS12							83		approaching PS2
S				11164	CS12							79		
S				11256	CS12							71		
S				11306	PS12							76		
S				113155	PS12							82		
S				113162	CS12							90		
S				114165	PS12							86		
S				114193	CS12							90		
S				11545	PS12							86		
S				11652	CS12							88		
S				11703	CS12							80		
S				117164	CS12							78		
S				11852	CS12							86		
S				119109	CS12							85		
S				119195	CS12							78		approaching PS2
S				121115	CS12							85		
S				121199	PS12							85		approaching CS2
S				123100	CS12							86		
S				123140	PS12							85		approaching CS2

Structural Log

Date: _____ Logged By: _____

Code	From		To		Feature	S ₀ Dip Direct.	S ₁ Dip Direct.	S ₂ Dip Direct.		Description				
	10	14	16	20				26	28		32	34	38	40	44
S				1214	1	CS12					715	213	0	
S				1251	5	CS12					88			approaching PS2
S				1258	5	CS12					718			
S				1265	3	CS12					713			
S				1270	4	CS12					75			
S				1284	0	CS12					69			
S				1285	4	CSR					68			
S				1293	7	CSR D					80			
S				1302	5	CSR D					72			
S				1309	6	CSR					65			→ PS2
S				1320	4	CSR					56			
S				1325	6	CSR					80			
S				1330	2	PSR					63			
S				1335	6	PSR					81			
S				1347	4	CSR					74			
S				1351	5	PSR					55			
S				1362	2	PSR					76			
S				1367	7	RS11					55			banding in S = ?
S				1374	6	PSR					77			
S				1381	6	CSR					79			
S				1391	5	CSR					78			
S				1395	6	PSR					70			
S				1404	3	PSR					73			
S				1408	8	CSR					79			
S				1416	7	CS12					83			
S				1422	9	PSR					83			
S				1430	1	PSR					70			
S				1440	0	PSR					72			
S				1444	4	PSR					77			
S				1452	8	PSR					73			
S				1463	2	PSR					70			
S				1477	2	PSR					60			↓

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		17	0		18	0	B1R	5									broken & rubble 50% recov.
F		18	0		110	0	21B										mod. brkn
F		110	2		112	0	B1TR										brkn & poker chippy / minor rubble / no gouge
F		112	0		114	9	21B	7									mod. to very brkn / 75% recovery
F					116	5	R										minor rubble
F					117	4	R										minor rubble
F		121	8		132	9	21B										mod. brkn
F		137	7		140	7	11G										Minor brkn core
F		153	3		153	5	R										rubble
F		157	0		158	5	21B1R										Mod. brkn to rubble - no faults
F		182	0		183	9	11B										Slightly brkn - no faults
F		191	5		191	7	R1G										rubble w/ incipient gouge - probably no faults
F		110	9	0	111	0	0	R									rubble - no faults
F		111	0	0	111	3	2	21B									mod brkn
F		111	13	2	111	13	4	R									rubble - no faults
F		111	14	6	111	14	9	R									rubble w/ incipient gouge
F		111	16	7	112	0	2	31B									very brkn to mod brkn
F		112	0	2	112	3	6	G				9	9	9	9	9	upper contact IND - first major fault in DDH Bankruptcy Break??
F					113	0	3	11R									minor rubble
F		113	8	8	113	15	2	21B									Mod brkn
F		115	9	8	116	0	7	D									flow bxa
					116	0	1	G									minor fault - 45° S.A. not significant
F		116	0	7	116	3	2	21B									mod. brkn
F					116	1	2	11G									minor gouge
F		116	7	4	116	8	8	21B									mod brkn w/ minor incipient gouge
F		117	0	9	117	1	6	R1G	2								rubble & gouge 29% recovery
F					119	9	0	11G				9	9	9	9		Minor 11S ₂ gouge
F		120	2	4	120	2	8	11RG									minor gouge & rubble
F					120	3	9	11G									minor gouge
		120	3	9	120	5	7	11B									slightly brkn

Code	From				To				Feature	S ₀ Dip Direct.	S ₁ Dip Direct.	S ₂ Dip Direct.	Description	
	10	14	16	20	22	24	26	28						32	34	38	40	44
F	12416	4	12416	6	XI									Tectonic bxa, sulfide frags in carbonate matrix
F	12417	5	12418	1	XI									Tectonic bxa - sulfide frags in carbonate matrix
F	12418	1	12419	0	BIXI									locally bxted & broken
F	12712	2	12715	2	BIR	3								33% recovery broken core w/ minor rubble - possible fault
F			12917	1	11XI									minor fault bxa
F	12917	4	13103	0	2B									mod. broken
F	13103	0	13104	8	31BG									very broken w/ gouge IND
F	13104	8	13107	3	21BG									mod. broken w/ gouge
F			13105	9	1G									gouge
F			13106	9	1G									gouge
F			13107	5	1G									gouge
F	13112	0	13113	0	31BG									Very broken w/ minor core low & IND gouge
F	13113	0	13117	0	31BR									very broken w/ much rubble
F	13113	0	13115	2	31BR	5								50% recovery / no gouge
F	13115	2	13115	6	RIG									rubble & gouge / recovery OK
F	13115	6	13117	0	RIG	6								2/3 recovery, rubble & gouge probably lith. controlled -
														no major fits
F	13117	0	13121	0	31BR	8								very broken & rubble, 80% recovery
F	13121	0	13121	8	1B									mod. broken to intact, recov OK
F	13121	8	13122	5	21BG				919	919				mod. broken w/ incip gouge gouge // S ₂ @ 45° C.A. may be significant fault
F	13128	6	13134	0	21BR									mod. broken & locally rubble - recovery OK
F			13131	6	11G									IND
F			13131	5	1G									IND
F			13131	8	1G									IND
F	13136	3	13136	6	GR									IND gouge & rubble
F	13136	6	13138	6	21B	8								mod. broken / 80% recovery
F	13138	6	13139	5	GR	3								30% recov. gouge, rubble, broken core - signif. fault?

Structural Log

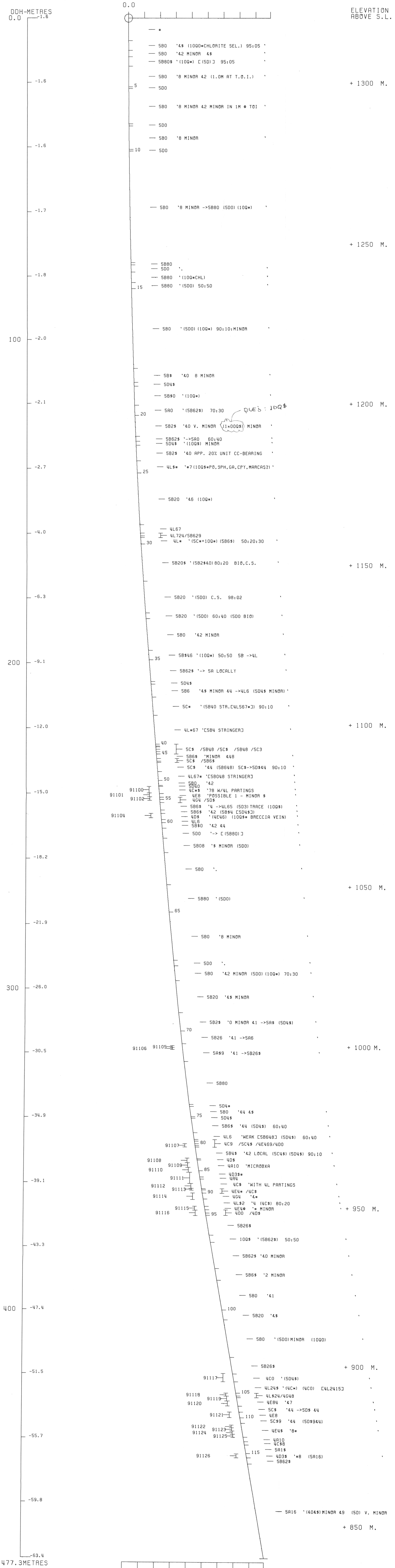
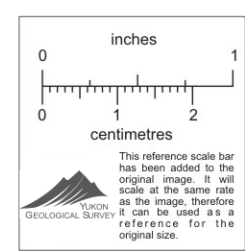
Date: _____ Logged By: _____

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	131410	0	131414	4	31B1R												very brkn - locally rubble - minor gouge - recovery OK
F	131414	4	131415	8	21B												core very brkn to mod. brkn
F	131415	8	131416	5	31B1G												very brkn w/ some gouge - cut by dolomitic crackle veins
F	131417	0	131417	8	Q1												qtz - dol. veins which are fractured
F	131418	8	131512	4	21B												mod to very brkn
F	131512	4	131516	1	D												microbxa texture
F	131512	8	131514	0	21B												mod. brkn
F	131514	0	131514	8	31B1R												very brkn w/ rubble
F	131514	8	131515	1	R	3											1/3 recov. of rubble
F	131515	1	131515	7	R1B	8											85% recov. rubble & brkn core
F	131516	1	131518	0	21B1R												mod brkn to locally rubble
F	131518	0	131519	1	D												microbxa textures
F			131518	4	31R1G												much rubble & gouge
F	131518	6	131519	1	31B1R												very brkn & rubble
F	131519	1	131611	6	31B1R												very brkn & rubble
F			131611	8	G												pyrite sand
F	131619	9	131711	9	31B1R												very brkn w/ rubble & IND minor gouge - recovery OK
F	131716	1	131718	4	31B												very brkn
F	131716	8	131717	3	G1R												gouge & rubble
F	131718	4	131718	6	G1R												IND rubble & gouge
F	131718	6	131816	7	21B												mod. brkn
F	131816	7	131817	4	R1G												rubble & IND gouge
F	131817	4	131818	1	21B												mod brkn
F	131818	1	131818	9	21B1G						919	919	9				mod. brkn w/ incipient 11S ₂ gouge
F	131818	9	131819	5	31B	8											very brkn, 80% recovery
F	131819	5	131910	4	R1G						919	919	9				broken, rubble gouge, internal 45° C.A. - 11S ₂
F	141217	2	141219	9	D												bxaltd, w/ carbonate, qtz, py clasts in po matrix
F	141311	7	141313	5	D												dolomite clasts
F	141314	7	141314	9	Q1X												bxaltd w/ sulfide frags in dolomite - calcite matrix
F	141315	8	141316	5	D												dolomite & 4L clast in sulfide matrix

} no major fault

DDH: FAGA128 -- 42 DEGREE PROFILE
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1320 591899E ; 905179N
PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0
CORRECTED COLLAR POSITION: X = 364.5 Z = 1320.1
SECTION NAME: 88W



FAGA 144

DRILL HOLE : FAGA144
NORTHING : 905,504.6
EASTING : 592,193.8
ELEVATION : 1,312.5
TOTAL DEPTH : 145.4
SECTION : W 88
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS ORE-SAMPLES: 0
NOS DOWN-H-SURVEYS: 3
NOS DOWN-H-LITHOLOGY: 54
NOS DOWN-H-STRUCTURE: 20
NOS DOWN-H-FAULTS: 25
NOS DOWN-H-SPLINES: 3
NOS COMPOSITES: 0

DDH: FAGA144 UTM-N: 905,504.6 UTM-E: 592,193.8 UTM-ELEV: 1,312.5 TOTAL DEPTH: 145.4 SECTION: W 88
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
61.000	174.100	122.000
121.900	165.300	135.000

DDH: FAGA144 UTM-N: 905,504.6 UTM-E: 592,193.8 UTM-ELEV: 1,312.5 TOTAL DEPTH: 145.4 SECTION: W 88
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
6.1	0001	#		0.5-	1
10.4	0002	5B80	(10Q# CHLORITE) 95:05	0.5-	1
16.3	0003	5E0	82 8\$ (500)(10Q#) 90:05:05	0.5-	1
21.4	0004	5E0	88 82 MINOR (500) 95:05	0.5-	1
23.5	0005	5B20	(5008\$) (10Q#) 60:40:TRACE	0.5-	1
28.7	0006	5D*	(500)(506)(5F6) 25:25:25:25	0.5-	1
31.8	0007	5B0	88 (500)(5F6) 80:20:MINOR	0.5-	1
33.5	0008	5D*	LAM(500LAM)(50\$MOTTL)33:33:33	0.5-	1
39.7	0009	5B0	80 82 MINOR 88 (10Q#) 97:03	0.5-	1
40.3	0010	5D0	3\$	0.5-	1
42.9	0011	5B0		0.5-	1
44.8	0012	5D0		0.5-	1
47.2	0013	5E0	86 (500)TRACE	0.5-	1
49.3	0014	5D0		0.5-	1
52.5	0015	5B0	(500) MINOR	0.5-	1
57.7	0016	5D0	(5B80[500])	0.5-	1
61.5	0017	5B0	86->(5B082)AT EO1(500)70:25:05	0.5-	1
65.6	0018	5C\$	MOTTL	0.5-	1
68.6	0019	5D6	80 (50\$#)(5B8)(10Q#) 90:5:5:TR	0.5-	1
69.2	0020	5B80		0.5-	1
72.6	0021	5D0	(50\$)	0.5-	1
75.3	0022	5D\$	[5B88\$80] (50\$) (10Q#)	0.5-	1
77.3	0023	5B6	80 88 (506)MINOR (10Q#)	0.5-	1
82.3	0024	5D*	80 (5B8880[5F683]) 50:50	0.5-	1
86.8	0025	5B80	82 (5B6\$ 82) 70:30	0.5-	1
89.2	0026	5C\$		0.5-	1
89.7	0027	5B62	(504*)	0.5-	1
91.8	0028	5B6\$	(50\$) (10Q\$) 70:15:15	0.5-	1
94.6	0029	5B0	86 (10Q#)MINOR (5F6)LAST 0.4M	0.5-	1
97.8	0030	5D0	8\$ (5B088) MINOR 50->5F3 LOCAL	0.5-	1
107.7	0031	5B6	8\$ 80 MINOR 82 (5008\$) 98:02	0.5-	1
107.9	0032	5D0		0.5-	1
108.1	0033	5B6\$		0.5-	1
108.1	0034	5D0		0.5-	1
109.3	0035	5B6\$	82	0.5-	1
110.0	0036	5D0	(5B6) 95:05	0.5-	1
111.7	0037	5B6	80 8* 82	0.5-	1
114.9	0038	5D0	(5B0) 90:10	0.5-	1
122.3	0039	5B0	86 8\$ AT TOP 88 TOP 82 MINOR	0.5-	1
126.3	0040	5D0		0.5-	1
127.1	0041	5B6\$	82	0.5-	1
127.7	0042	5D\$	(10Q\$ PY)	0.5-	1
128.0	0043	5B6*	9 (PY,SPH)	0.5-	1
130.1	0044	5B62	\$ ->5B622 (50\$) 98:02	0.5-	1
132.9	0045	5B0	82 8\$	0.5-	1
137.7	0046	5D*	84 (5B68* 82)MINOR (10Q\$)	0.5-	1
138.8	0047	5B62	8\$ [5A629 PY 8\$] (10Q\$)	0.5-	1
138.9	0048	10Q\$	PY	0.5-	1
139.4	0049	5C4*		0.5-	1
139.6	0050	5A69	PY	0.5-	1
139.6	0051	5C4*		0.5-	1

DDH: FAGA144 UTM-N: 905,504.6 UTM-E: 592,193.8 UTM-ELEV: 1,312.5 TOTAL DEPTH: 145.4 SECTION: W 88
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	INC
140.0	0052	5A69	PC, PY	0.5-	1
143.9	0053	5Ac	Y	0.5-	1
145.4	0054	5D4*		0.5-	1

DDH: FAGA144 UTM-N: 905,504.6 UTM-E: 592,193.8 UTM-ELEV: 1,312.5 TOTAL DEPTH: 145.4 SECTION: W 88
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHO 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
FAGA144	0.0	7.6	CS2		0	0	0	C	75	230	C		1	1	1
FAGA144	0.0	19.0	CS2		0	0	0	0	65	230	0		1	1	1
FAGA144	0.0	29.0	PS2	P	0	0	0	C	75	230	0		1	1	1
FAGA144	0.0	34.5	PS2	P	0	0	0	0	70	230	C		1	1	1
FAGA144	0.0	39.4	CS2	C	0	0	0	0	80	230	0		1	1	1
FAGA144	0.0	49.4	PS2	P	0	0	0	0	70	230	C		1	1	1
FAGA144	0.0	56.5	PS2	P	0	0	0	C	60	230	C		1	1	1
FAGA144	0.0	60.4	CS2		0	0	0	0	70	230	C		1	1	1
FAGA144	0.0	71.6	PS2	P	0	0	0	0	70	230	C		1	1	1
FAGA144	0.0	76.9	PS2	P	0	0	0	C	70	230	C		1	1	1
FAGA144	0.0	84.0	PS2	P	0	0	0	0	70	230	0		1	1	1
FAGA144	0.0	95.0	PS2	P	0	0	0	C	70	230	C		1	1	1
FAGA144	0.0	101.8	CS2		0	0	0	C	70	230	C		1	1	1
FAGA144	0.0	108.5	CS2	D	0	0	0	0	80	230	0		1	1	1
FAGA144	0.0	113.0	PS2	P	0	0	0	0	70	230	C		1	1	1
FAGA144	0.0	120.4	CS2		0	0	0	C	80	230	C		1	1	1
FAGA144	0.0	126.0	CS2		0	0	0	0	80	230	C		1	1	1
FAGA144	0.0	134.5	PS2	P	0	0	0	0	80	230	0		1	1	1
FAGA144	0.0	139.0	PS2	P	0	0	0	0	70	230	0		1	1	1
FAGA144	0.0	144.2	PS2	P	0	0	0	C	80	230	0		1	1	1

DDH: FAGA144 UTM-N: 905,504.6 UTM-E: 592,193.8 UTM-ELEV: 1,312.5 TOTAL DEPTH: 145.4 SECTION: W 88
 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			
FAGA144	5.1	10.4	1B				0	0	0	0	1		
FAGA144	15.2	15.4	1G				0	0	99	999	0	0	1
FAGA144	16.3	21.4	2B				0	0	0	0	0	0	1
FAGA144	21.4	23.5	GB	3			0	0	0	0	0	0	1
FAGA144	23.5	25.0	RG	5			0	0	0	0	0	0	1
FAGA144	31.3	33.5	2B				0	0	0	0	0	0	1
FAGA144	35.5	35.6	G				0	0	99	999	0	0	1
FAGA144	61.0	61.5	1B				0	0	0	0	0	0	1
FAGA144	0.0	74.0					0	0	0	0	30	130	1
FAGA144	84.2	84.4	G				0	0	0	0	99	999	1
FAGA144	86.6	86.8	G				0	0	0	0	0	0	1
FAGA144	86.8	87.4	B				0	0	0	0	0	0	1
FAGA144	87.4	89.7	G				0	0	0	0	0	0	1
FAGA144	0.0	103.7	G				0	0	99	999	0	0	1
FAGA144	0.0	107.1	G				0	0	0	0	0	0	1
FAGA144	97.7	107.7	2B				0	0	0	0	0	0	1
FAGA144	107.9	108.1	B				0	0	0	0	0	0	1
FAGA144	110.6	111.2	B				0	0	0	0	0	0	1
FAGA144	115.5	116.0	G				0	0	0	0	0	0	1
FAGA144	114.9	116.1	2B				0	0	0	0	0	0	1
FAGA144	137.7	138.8	XQ				0	0	0	0	0	0	1
FAGA144	138.8	138.9	QX				0	0	0	0	0	0	1
FAGA144	139.4	139.6	Q				0	0	0	0	0	0	1
FAGA144	139.8	140.0	Q				0	0	0	0	0	0	1
FAGA144	140.0	143.9	RXG	3			0	0	99	999	0	0	1

24NOV53 GRUM

DOWN-HOLE SPLINES (DHD20)

DDH: FAGA144 UTM-N: 905,504.6 UTM-E: 592,193.8 UTM-ELEV: 1,312.5 TOTAL DEPTH: 145.4 SECTION: W 88
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DUH SEGMENT NOS COND INDICATOR

FAGA144	1	2
FAGA144	2	2
FAGA144	3	1

MB No ASSAY LOG
NIL SULPHIDES IN HOLE

88 W.

CYPRUS ANVIL MINING CORPORATION

Page 1 of 7

DIAMOND DRILL CORE LOG

Date: 27 AUG 82

Hole Number: FAGA 144

Reference Fabric Orientation Diagram:

Project: GRUM RE-LOG

Location: 88 W

Claim: _____

Terr. Plane Co-ords.: 905504.6 N

1979
New grid

592193.8 E

Grid Co-ords: 88 W

14 N



Elevation: 1312.5

NE with 52 dipping

Total Depth: 145.0 m

NW with dip azimuth 320.

Surface measurement of S_2 dip line at 320°

Purpose: _____

Reason hole Terminated: _____

Logged by: GAJ - JCS

Date(s) Logged: 27 AUG

Drilling Contractor: _____

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

Hole Cemented: _____

Steel down hole: _____

Started: Aug 25/76 Completed: Aug 27/76

NB No ASSAY LOG
NIL SULPHIDES IN HOLE

88 W.

CYPRUS ANVIL MINING CORPORATION

Page 1 of 7

DIAMOND DRILL CORE LOG

Date: 27 AUG 82

Hole Number: FAGA 144

Reference Fabric Orientation Diagram:

Project: GRUM RE-LOG

Location: 88 W

Claim: _____

Terr. Plane Co-ords.: 905504.6 N

1979
HEW grid

592193.8 E

Grid Co-ords: 88 W

14 N

Elevation: 1312.5

Total Depth: 145.0 m

Purpose: _____

Reason hole Terminated: _____

Logged by: GAJ - JCS

Date(s) Logged: 27 AUG

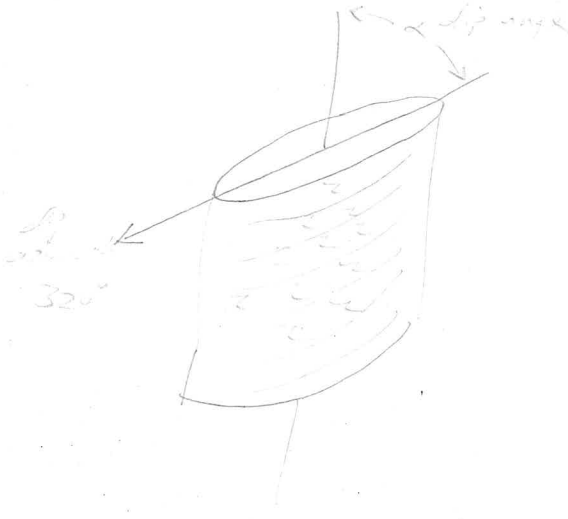
Drilling Contractor: _____

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

Hole Cemented: _____

Steel down hole: _____

Started: Aug 25/76 Completed: Aug 27/76



All symmetry determinations looking

NE with S₂ dipping

NW with dip azimuth 320.

Surface measurement of S₂ dip line at 320°

NB NO ASSAY LOG
NIK SULPHIDES IN HOLE

88 W.

CYPRUS ANVIL MINING CORPORATION

Page 1 of 7

DIAMOND DRILL CORE LOG

Date: 27 AUG 82

Hole Number: FAGA 144

Reference Fabric Orientation Diagram:

Project: GRUM RE-LOG

Location: 88 W

Claim: _____

Terr. Plane Co-ords.: 905504.6 N

1979 H2O grid
Grid Co-ords: 592193.8 E

Grid Co-ords: 88 W

14 N

Elevation: 1312.5

Total Depth: 145.0 m

Purpose: _____

Reason hole Terminated: _____

Logged by: GAJ - JCS

Date(s) Logged: 27 AUG

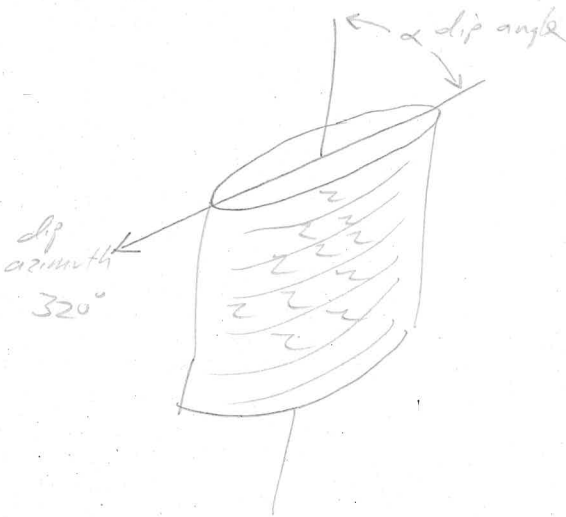
Drilling Contractor: _____

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

Hole Cemented: _____

Steel down hole: _____

Started: Aug 25/76 Completed: Aug 27/76



All symmetry determinations looking

NE with S₂ dipping

NW with dip azimuth 320.

Surface measurement of S₂ dip line at 320°

Code	From	To	Recov.	No.	Unit	Description
L	10 14 16 20 22 24 26 28 30 34 35			01	#	o/B
L	16 1	104		02	5B80	(OQ*c chl) 5% S ₂ // 9 cklc BX ex S ₂ m-gry sl. gt tringe REC/OK
L	104	163		03	5B0	± 2*00L (5D0) 90/5/5(OQ*c) // S ₂ microp gangue 15-2-4 SD x 4 Bnos 3-5 cm sh cont // S ₂ REC/OK
L	163	214		04	5B0	± 82 minit (5D0) 5% /am above + gt ++ u/c gradual. med bkn REC/OK
L	214	235		05	5B20	(500±*DOL) (OQ*c) 60/40/MNR. -7m REC ONLY Gangy incl. bkn
L	235	287		06	5D*	(5D0)(5D6)(5F6) 25% eoul (OQ*c) mnt. REC F? rubble above 25m -7m of top 1.5 gangue incl
L	287	318		07	5B0	± 8 (5D0)(5F6) 80/20 dls. REC/OK
L	318	335		08	5D*	lam: (5D0) lam (5C*DOL) mottled props 30% each. mod bkn no g. REC/OK
L	335	397		09	5B6	± 0, 2 mnt, 8 mini uprd 1m. dk m gry (calc) R/OK Ps ₂ VAN -gt -calc interbeds (OQ*c 5%) Gangue 35.5-35.6 // S ₂ ?
L	397	403		10	5D0	±*DOL TYPE REC/OK
L	403	429		11	5B0	low calc " " OK
L	429	448		12	5D0	Typo " " OK
L	448	472		13	5B0	± 6 (5D0) < 1% 1-2cm bands "luff" REC/OK
L	472	493		14	5D0	TYPE REC/OK
L	493	525		15	5B0	(5D0) MNR TYPE sl. bkn REC/OK
L	525	577		16	5D0	(5B80) maybe [5D0] luffs OK chl off on SB REC/OK
L	577	615		17	5B0	± 6 (5D0) (5B0±2) → base unit 70% SB 25% SD (OQ*c) 5% intact to 61m bkn below REC/OK
L	615	656		18	5C*	DOL c. mottled Tex + chl. REC/OK
L	656	686		19	5D6	± 0 (5C*DOL/c) (5B8)? 90/5/5: REC/OK (OQ*2%)
L	686	692		20	5B80	OK/REC gt tringe REC/OK
L	692	726		21	5D0	(5C*DOL) int w. 5C/SD mottled/luffs dolo/calc REC/OK
L	726	753		22	5D*	DOL [5B8±0] (5C*DOL) (OQ*c) ex S ₂ l.c 30/180, chl alt SB at SD REC/OK
L	753	773		23	5B6	± 08 (5D6) mnt (OQ*c) ex rim REC/OK
L	773	823		24	5D*	± 0 (5B68±0) [5F6±3] 50% SD rest gt, chl, calc v. pers "luffs" → lat. A.M.C. 1981 - E-3 green SB (OQ*c) core ok sl-o REC OK

lat. A.M.C. 1981 - E-3
m

Lithologic Log

Date: 27 AUG Logged By: G.A.J.

Code	From	To	Recov.	No.	Unit	Description
L	1014	1620	22	25	5B80	±2 (5B6*DOL±2) calc uppt 1/2 70/30 Gauge 84.2-84.4 tic 11 S2? REC OK Gauge. 86.6 - Ed 11
L	1868	892		26	5C*	DOL Ganged bkn Gauge 87.4 - FoI m.c.s (FAULT. MAJ) REC NOT BAD
L	892	897		27	5B62	Gauge cent of above (504*)
L	897	918		28	5B6*	DOL (50*DOL) (OQ*DOL) 70/15/15 REC/OK
L	918	946		29	5B0	±6 [5F6] least 4m only. (OQ*c) mns REC/OK
L	946	978		30	5D0	±*DOL (5B0) ±8 mm. 50 → 5F3 locally REC/OK
L	978	1077		31	5B6	±*DOL ±0 mm ±2, *top 2m, 0 below 104.6, (500±*) 2%, 2 gr folia (OQ*c) mat. S2ll med bkn/ REC/OK gauge 103.7 11S2, 107.1 NOT F.
L	11077	11079		32	5D0	
L	11089	11081		33	5B6*	DOL bkn REC/OK
L	11081	11085		34	5D0	"
L	11085	11093		35	5B6*	DOL ±2 Type. 2 = gr stripes REC/OK
L	11093	11100		36	5D0	(5B6) 95/5 REC/OK
L	11100	11117		37	5B6	±0, *, 2, mm uppt Top 9 Bottom med 110.6 - 111.2 Bkn no gauge REC/OK
L	11117	11149		38	5D0	(5B0) 90/10 TYPE REC/OK
L	11149	11223		39	5B0	±6, *DOL nt top, ±8 top 1m. ±2 mat m dk gr gr stripes, med bkn REC/OK Gauge → 114.9 - 116.1 1m REC 115.5 - 116.0 FAULT ?
L	11223	11263		40	5D0	±0 Typo sl. bkn
L	11263	11271		41	5B6*	±2 gr st. DOL, med bkn REC/OK as above
L	11271	11277		42	5D6	(OQ*DOL) py mat REC/OK
L	11277	11280		43	5B6*	9-15% Py Z. replace g. dol band REC/OK
L	11280	11301		44	5B62	* → 5B6* ±2 (50*) 2% dk gr blk → m. dk gr Vdol, S2 gr striping 11S2 REC/OK
L	11301	11329		45	5B0	±2 *DOL cont above + calcite REC/OK
L	11329	11377		46	5D*	±4 (5B6 ±*, 2) mat Bl. mat v. (OQ) REC/OK
L	11377	11388		47	5B62	±* [5A6 ±*, 9 py] (OQ*DOL) 40% BK REC/OK
L	11388	11389		48	10Q*	Py? fgr py mx gr py, dol, py.
L	11389	11394		49	5C4*	Typo fusch REC OK
L	11394	11396		50	5A69	9=pyrite in Sll probable vein with texture similar to unit 48 of fg pyritic clasts in SP + py matrix

Translated

DDH F.A.G.A.144
2 8

Cyprus Anvil Mining Corp.
Lithologic Log

Page _____ of _____

Date: _____ Logged By: _____

Code	From					To					Recov.	No.				Unit	Description
	10	14	16	20	22	24	26	28	30	34		35	1	2	3			4
L		100		161											101	#	
																	0/0 - friconed - no core
L		161		104											102	5B80	(10Q# chlorite) 95:05
L		104		163											103	5B10	±2 ± \$ (5D0)(10Q#) 90:05:05
L		163		214											104	5B10	±8 ± 2 minor (5D0) 95:05
L		214		235											105	5B20	(5D0 ± \$) (10Q#) 60:40:TRACE
L		235		287											106	5D1*	(5D0)(5D6)(5F6) 25:25:25:25 (10Q#) TRACE
L		287		318											107	5B10	±8 (5D0)(5F6) 80:20:MINOR
L		318		335											108	5D1*	LAM. (5D0 LAM) (5C \$ MOTTL) 33:33:33
L		335		397											109	5B16	±0 ± 2 MINOR ± 8 (10Q#) 97:03
L		397		403											110	5D10	± \$
L		403		429											111	5B10	
L		429		448											112	5D0	
L		448		472											113	5B10	±6 (5D0) TRACE
L		472		493											114	5D10	
L		493		525											115	5B10	(5D0) MINOR
L		525		577											116	5D0	(5B80 [5D0?])
L		577		615											117	5B0	±6 → (5B0 ± 2) AT BASE (5D0)(10Q#) 70:25:05
L		615		656											118	5C1 \$	MOTTL. (10Q#)
L		656		686											119	5D6	±0 (5C \$ #)(5B8?) 90:05:05:TR
L		686		692											120	5B80	
L		692		726											121	5D0	(5C \$)
L		726		753											122	5D \$	[5B8 \$ ± 0] (5C \$) (10Q#)

Core	From	To	Recov.	No.	Unit	Description
L	10 14 16 20 22 24 26 28 30 34 35					
L	1753	1773		123	5B16	±0±8 (5D6) MINOR (10Q#)
L	1773	1823		124	5D1*	±0 (5B6±0 [5F6±3]) 50:50
L	1823	18168		125	5B10	±2 (5B6 ±2) 70:30
L	18168	18192		126	5C1\$	
L	18192	18197		127	5B162	
L	18197	19118		128	5B161\$	(5D\$)(10Q\$) 70:15:15
L	19118	19146		129	5B10	±6 (10Q#) MINOR (5F6) lost 0.4m
L	19146	19178		130	5D10	±\$ (5B0±8) MINOR 5D→5F3 / sec/ly
L	19178	110177		131	5B16	±\$ ±0 MINOR ±2 (5D0±\$) 98:02
L	110177	110179		132	5D10	
L	110179	110181		133	5B161\$	
L	110181	110185		134	5D10	
L	110185	110193		135	5B161\$	±2
L	110193	111100		136	5D10	(5B6) 95:05
L	111100	111117		137	5B16	±0 ±* ±2
L	111117	111149		138	5D0	(5B0) 90:10
L	111149	11223		139	5B10	±6 ±\$ AT TOP ±8 TOP ±2 MINOR
L	11223	112163		140	5D10	
L	112163	112171		141	5B161\$	±2
L	112171	112177		142	5D6	(10Q\$ Py)
L	112177	112180		143	5B161*	9 (Py, SPH)
L	112180	113101		144	5B1612	\$ → 5B6 ±2 (5D\$) 98:02
L	113101	113129		145	5B0	±2 ±\$
L	113129	113177		146	5D1*	±4 (5B6 ±* ±2) MINOR (10Q\$)
L	113177	113188		147	5B1612	±\$ [5A6 ±9 Py ±\$] (10Q\$)
L	113188	113189		148	110Q1\$	Py
L	113189	113194		149	5C14*	
L	113194	113196		150	5A169	Py
L	113196	113198		151	5C14*	
L	113198	114100		152	5A169	P0, Py
L	114100	114139		153	5A6	±\$ ±9
L	114139	114154		154	5D14*	
						EOH

FAULT FILE

DDH F.A.G.A. 1.4.4
2 8

Cyprus Anvil Mining Corp.

Page _____ of _____

Structural Log

Date: _____ Logged By: _____

Code	From				To				Feature	S/E	S ₀				S ₁				S ₂				Description
	10	14	16	20	22	24	26	28			32	34	38	40	44	Dip	Direct.	Dip	Direct.	Dip	Direct.		
F		16	1		110	4			1B1												Crackle bxa // S ₂ and crosscutting S ₂ - recov. OK		
F		15	2		115	4			1G1					919	919	919				// S ₂ incipient gauge - recov. OK			
F		16	3		121	4			21B1											mod brken - recov. OK			
F		21	4		123	5			G1B1	3										gouge & broken - 33% recovery			
F		23	5		125	0			R1G1	5										rubble & gauge above 25m - 0.7m of top 1.5m recovered			
F		31	8		133	5			21B1											Mod. brken - no gauge - recovery OK			
F		35	5		135	6			G1					919	919	919				gauge // S ₂ ?			
F		6	10		16	15			1B1											brken - recovery OK			
F					17	40			Q1									310	1180	Approx location - lower contact qtz vein cuts S ₂ 30/180 - recov. OK			
F		18	4		18	4			G1					919	919	919				lower contact // S ₂			
F		18	6		18	6			G1														
F		18	6		18	7			B1											broken			
F		18	7		18	9			G1											Major fault !?			
F		19	7		110	7			21B1											Mod. brken			
F					110	3			G1					919	919	919				gauge - // S ₂			
F					110	7			G1											gauge - probably not a fault			
F		110	7		110	8			B1											brken - recovery OK			
F		111	0		111	2			B1											brken - no gauge - recovery OK			
F		111	4		111	6			21B1											mod. brken - recovery OK			
F		111	5		111	6			G1											FAULT			
F		113	7		113	8			X1Q1											40% Bxa frags - recov. OK			
F		113	8		113	8			Q1X1											frags py, matrix - qtz, dol, py			
F		113	9		113	9			Q1											fine-grained py clasts in qtz + py matrix			
F		113	9		114	0			Q1											< 20% Pa bxa			
F		114	0		114	3			R1X1G1	3				919	919	919				36% recovery - bxa frags - minor rubble & gauge // S ₂			

DDH: FAGA144 -- 42 DEGREE PROFILE

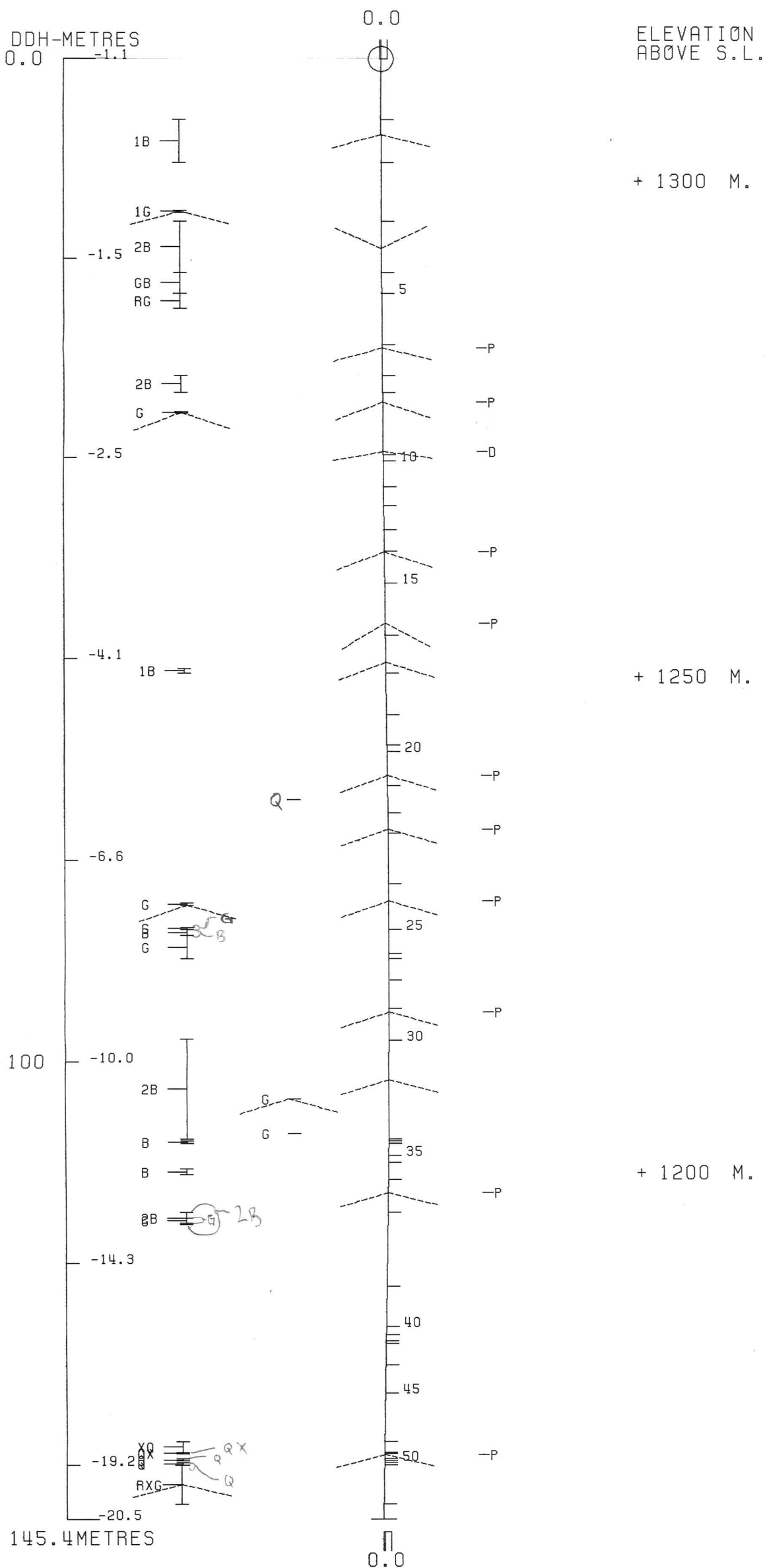
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1313 592194E ; 905505N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 803.8 Z = 1312.3

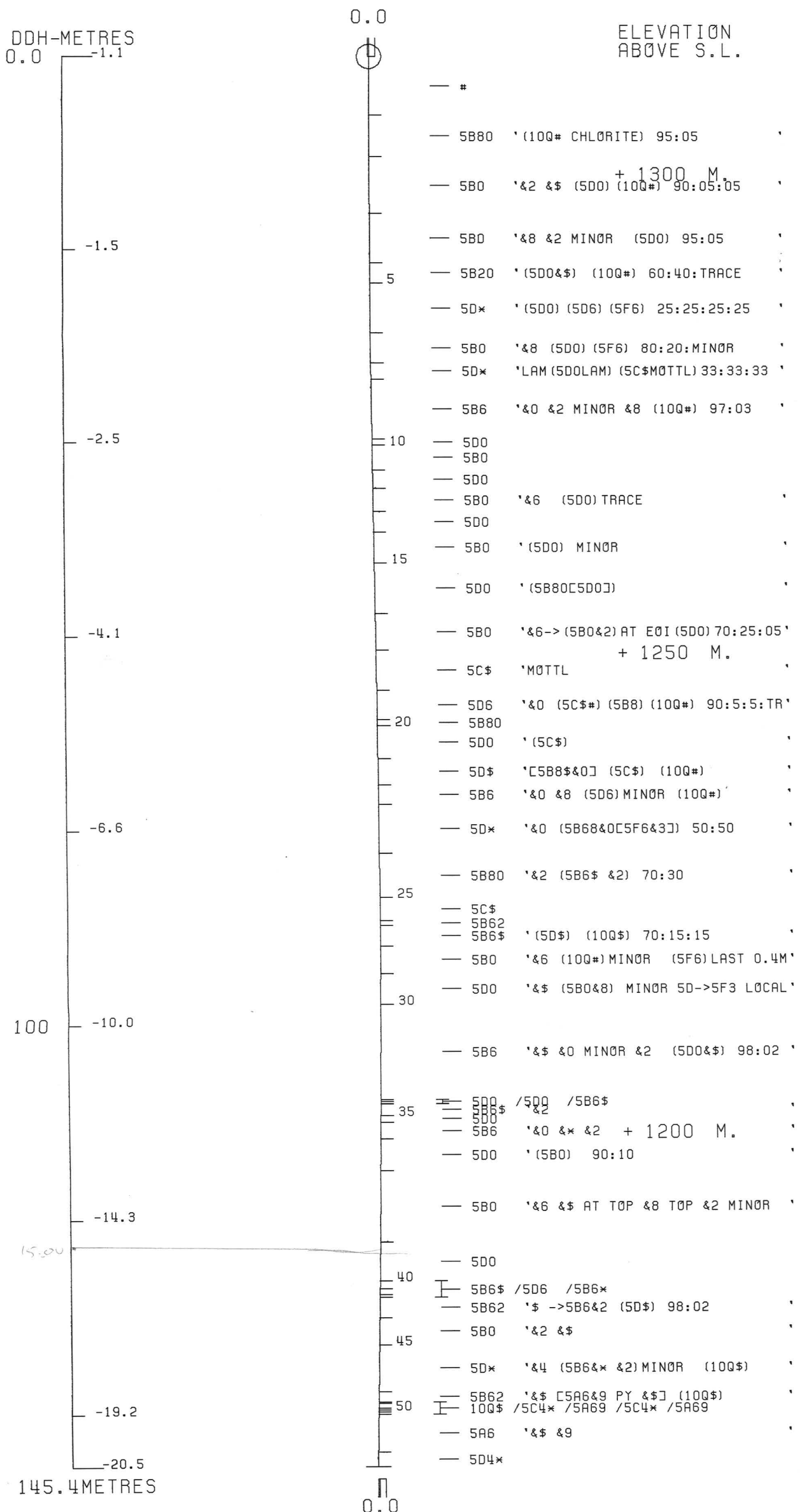
SECTION NAME: 88W

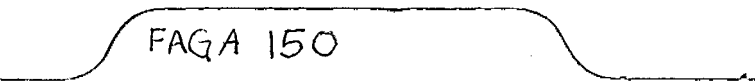


DDH: FAGA144 -- 42 DEGREE PROFILE

(VIEW AZIMUTH = 312 DEGREES)

ELEV:1313 592194E ; 905505N
 PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0
 CORRECTED COLLAR POSITION: X = 803.8 Z = 1312.3
 SECTION NAME: 88W





FAGA 150

DRILL HOLE : FAGA150
NORTHING : 905,594.3
EASTING : 592,276.3
ELEVATION : 1,315.8
TOTAL DEPTH : 150.0
SECTION : W 88
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS CORE-SAMPLES: 0
NOS DOWN-H-SURVEYS: 3
NOS DOWN-H-LITHOLOGY: 33
NOS DOWN-H-STRUCTURE: 19
NOS DOWN-H-FAULTS: 21
NOS DOWN-H-SPLINES: 3
NOS COMPOSITES: 0

DDH: FAGA150 UTM-N: 905,594.3 UTM-E: 592,276.3 UTM-ELEV: 1,315.8 TOTAL DEPTH: 150.0 SECTION: W 88
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
61.000	174.100	122.000
121.900	165.300	135.000

DDH: FAGA150 UTM-N: 905,594.3 UTM-E: 592,276.3 UTM-ELEV: 1,315.8 TOTAL DEPTH: 150.0 SECTION: W 88
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 OHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
16.3	0001	#		0.5-	1
30.8	0002	500		0.5-	1
44.5	0003	580	8\$	0.5-	1
45.0	0004	5880		0.5-	1
50.6	0005	500	(580) 85:15	0.5-	1
55.5	0006	580		0.5-	1
59.7	0007	500	80 (5880) 60:40	0.5-	1
63.2	0008	500	8\$	0.5-	1
67.0	0009	580		0.5-	1
74.6	0010	500	(580) 60:40	0.5-	1
76.5	0011	500		0.5-	1
80.9	0012	580	8\$ (5008\$) 50:50	0.5-	1
98.5	0013	580		0.5-	1
104.0	0014	500	36 3\$	0.5-	1
106.2	0015	5886	82 (500) 95:05	0.5-	1
106.5	0016	506		0.5-	1
107.0	0017	50\$		0.5-	1
112.5	0013	500	(5886) 30:20	0.5-	1
118.0	0019	5880	(500) MINOR	0.5-	1
122.2	0020	500\$	(5880) 90:10	0.5-	1
127.6	0021	580	(500) MINOR	0.5-	1
130.0	0022	5880	(500)	0.5-	1
130.8	0023	500\$	[(588)]	0.5-	1
132.1	0024	503#		0.5-	1
133.2	0025	500	(5886)	0.5-	1
136.6	0026	580	(500) 60:40	0.5-	1
141.3	0027	580	82	0.5-	1
141.7	0028	500		0.5-	1
143.1	0029	580	82	0.5-	1
145.7	0030	500		0.5-	1
146.4	0031	5880		0.5-	1
146.8	0032	50\$		0.5-	1
150.0	0033	5880		0.5-	1

DDH: FAGA150 UTM-N: 905,594.3 UTM-E: 592,276.3 UTM-ELEV: 1,315.8 TOTAL DEPTH: 150.0 SECTION: W 98
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	SO	ANGLE	DIRECT	S1	ANGLE	DIRECT	S2	ANGLE	DIRECT	RFE	CDE	DHDC	SDC	PROCESS
FAGA150	0.0	19.6	PS2			0	0	0	0	0	55	230	0			1	1	1
FAGA150	0.0	24.3	CS2			0	0	0	0	0	63	230	0			1	1	1
FAGA150	0.0	29.6	PS2			0	0	0	0	0	56	230	0			1	1	1
FAGA150	0.0	37.6	PS2			0	0	0	0	0	67	230	0			1	1	1
FAGA150	0.0	43.6	CS2			0	0	0	0	0	62	230	0			1	1	1
FAGA150	0.0	49.3	CS2			0	0	0	0	0	72	230	0			1	1	1
FAGA150	0.0	63.2	PS2			0	0	0	0	0	68	230	0			1	1	1
FAGA150	0.0	70.5	PS2			0	0	0	0	0	53	230	0			1	1	1
FAGA150	0.0	77.2	CS2	D		0	0	0	0	0	69	230	0			1	1	1
FAGA150	0.0	83.0	CS2	D		0	0	0	0	0	69	230	0			1	1	1
FAGA150	0.0	89.4	CS2	D		0	0	0	0	0	66	230	0			1	1	1
FAGA150	0.0	96.2	CS2	D		0	0	0	0	0	73	230	0			1	1	1
FAGA150	0.0	106.1	CS2			0	0	0	0	0	64	230	0			1	1	1
FAGA150	0.0	113.2	CS2	D		0	0	0	0	0	74	230	0			1	1	1
FAGA150	0.0	124.3	CS2	D		0	0	0	0	0	72	230	0			1	1	1
FAGA150	0.0	127.0	CS2	D		0	0	0	0	0	75	230	0			1	1	1
FAGA150	0.0	134.2	PS2			0	0	0	0	0	80	230	0			1	1	1
FAGA150	0.0	141.5	PS2			0	0	0	0	0	78	230	0			1	1	1
FAGA150	0.0	149.8	CS2	D		0	0	0	0	0	80	230	0			1	1	1

DDH: FAGA150 UTM-N: 905,594.3 UTM-E: 592,276.3 UTM-ELEV: 1,315.8 TOTAL DEPTH: 150.0 SECTION: W 88
 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			
FAGA150	0.0	18.3	C				0	0	0	0	1		
FAGA150	21.2	21.4	G				0	0	0	0	1		
FAGA150	16.3	21.6	B				0	0	0	0	1		
FAGA150	34.3	38.8	GB				0	0	0	0	1		
FAGA150	43.5	44.5	B				0	0	0	0	1		
FAGA150	53.2	55.5	B				0	0	0	0	1		
FAGA150	55.5	59.7	RG				0	0	0	0	1		
FAGA150	59.7	60.7	B				0	0	0	0	1		
FAGA150	63.2	65.5	1B				0	0	0	0	1		
FAGA150	65.5	67.0	5G				0	0	0	0	1		
FAGA150	67.0	74.6	3G				0	0	0	0	1		
FAGA150	0.0	75.8	G				0	0	99	999	0	0	1
FAGA150	86.6	87.5	BRG	7			0	0	0	0	0	0	1
FAGA150	97.0	98.1	B	7			0	0	0	0	0	0	1
FAGA150	104.2	105.0	R	7			0	0	0	0	0	0	1
FAGA150	105.2	106.5	B				0	0	0	0	0	0	1
FAGA150	0.0	111.2	G				0	0	0	0	0	0	1
FAGA150	0.0	125.1	G				0	0	0	0	0	0	1
FAGA150	132.0	132.1	G				0	0	0	0	0	0	1
FAGA150	133.2	141.3	B				0	0	0	0	0	0	1
FAGA150	141.7	143.1	B				0	0	0	0	0	0	1

25NOV85 GRUM

DOWN-HOLE SPLINES (DH020)

PAGE: 6

DDH: FAGA150 UTM-N: 905,594.3 UTM-E: 592,276.3 UTM-ELEV: 1,315.8 TOTAL DEPTH: 150.0 SECTION: W 88
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH SEGMENT NOS COND INDICATOR

FAGA150	1	2
FAGA150	2	2
FAGA150	3	1

**THIS REPORT WAS REQUESTED BY: LEEP .GEOLOGY AT: 08:56:02

88W

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: FAGA 150

Fabric Orientation Diagram:

Project: GRUM RE-LOG

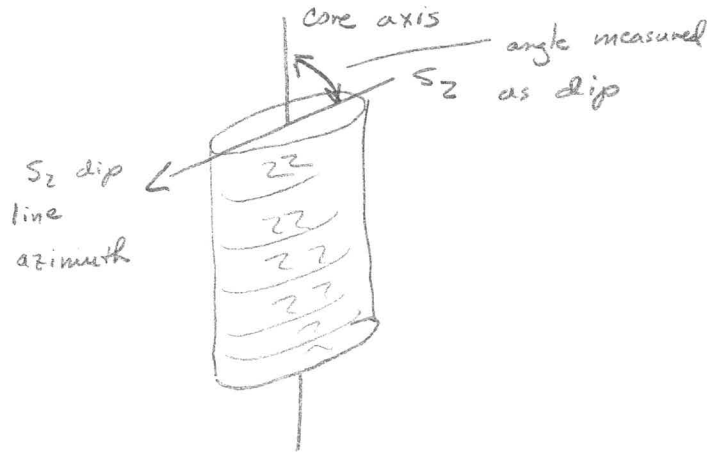
Location: VANGORDA PLATEAU

Claim: _____

Terr. Plane Co-ords.: 6 905 594. 3188 N

592 276. 3485 E

Grid Co-ords.: 88W



Elevation: 1315.8

All symmetry determinations looking

NW with S₂ dipping

SW with dip azimuth 230.

Total Depth: 150.0 m

Purpose: Test open pit ore potential

Logged by: KCP / GAI

Date (s) Logged: July 29-31, 1983

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

<u>BQ</u>	_____	_____
_____	_____	_____
_____	_____	_____

Started: _____ Completed: _____

DDH FAG 150
 2 8
 meters

Cyprus Anvil Mining Corp.

Lithologic Log

Date: 29 July 83 Logged By: LCP GAJ

Code	From	To	Recov.	No.	Unit	Description					
	10	14	16	20	22	24	26	28	30	34	35
L	10	16.3		1	#						
L	16.3	38.8		2	SDO						
						with abundant quartz calcite laminations					
						16.3-21.8 = core is broken with core at 18.3					
						21.2-21.4 = INO gouge with 1090					
						21.6-34.3 = intact					
						34.3 - EOI = gouge and broken core					
						internal @ 45° to CA (steeper than S ₂)					
L	38.8	44.5		3	SBO	±\$					
						seems to be increasingly calcitic towards					
						base - gran-lith structure - no					
						S ⁺ porphs seen, last 1m is broken otherwise OK					
L	44.5	45.0		4	SBO						
L	45.0	50.8		5	SDO	(SBO) 85:15					
						From 49.2 to 49.7 is SBO					
						core intact					
L	50.8	55.5		6	SBO						
						trace of SD as 1cm band at middle of					
						unit - implies SD is a tuff??					
						rare py porphs.					
						53.2 - EOI: core broken					
L	55.5	59.7		7	SDO	±0 (SBO ±0) 60:40					
						entire interval is broken rubble and					
						gouged - gouge zones 10-20 cm					
						thick mostly INO but some at 45° to CA					
						S ₂ is distorted in this unit					
L	59.7	63.2		8	SDO	±\$					
						minor broken core in upper 1m.					
L	63.2	67.0		9	SBO						
						core intact to moderately broken with					
						minor ^{END} gouge in last 1.5m					
L	67.0	74.5		10	SDO	(SBO) 60:40					
						core is broken with very minor					
						gouge locally					
L	74.5	76.5		11	SDO						
						minor gouge at 75.8 (lithologic S ₂)					

Lithologic Log

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	765	887		12	5BP	±(SDO±\$) 50:50 banding SD/SP is on 1cm to 10's of cm scale - SD locally has thin wealth carbonate rhombs. SB has good microlithons 86.6-875 broken core, rubble, gauge 70% recvy
L	887	985		13	5BP	97.0-981: Broken core, 70% recvy no obvious fault
L	985	11040		114	5D10	±6±\$ Dominantly homogeneous green w/ white calcite bands. Locally "flooded" w/ tan-weathering dolomite rhombs Core broken w/ minor indet gauge from 101.0-102.4.
L		110162		115	5B1816	±2 (SDO) 95:05 Non-alumina dk green w/ greenish grey interbands All have good microlithons. Minor interbedded SDO Rubble 104.2-105.0 w/ 0.5m core lost ∴ 70% recovery
L		110165		116	5D16	Homogeneous green phyllite No microlithons Pale olive green Core broken
L		110170		117	5C1\$1	Laminated/foliated metabasalt texture Grey w/ green streaking Core intact

Code	From	To	Recov.	No.	Unit	Description
L	11070	11125			5D101	(5886) 80:20 Some microlithous textures w/ quartz bands developed locally (5886) Otherwise homogeneous 5D0 w/ calcite bands subparallel S ₂ Minor indet. gouge @ 111.2 m.
L	11125	11188			5B1810	(5D0) Minor Greenish grey, calcareous phyllite w/ well-developed microlithons. Amt of grey locally increases (i.e. overlaps w/ 5B0) Core intact
L	11188	11222			5D101\$	(5880) 90:10 locally chloritic phyllite gets microlithous texture. Otherwise homogeneous. Typically homogeneous phyllite has tan-weathering dolomite rhombs Core intact to slightly broken
L		11278			5B101	(5D0 minor) Minor indet gouge @ 125.1
L		113100			5B1810	(5D0) Mixed chloritic phyllites - some homogeneous & some with well-developed microlithous texture. Core intact
L		113108			5D01\$	[5887] Minor 588 lithon. texture present Core intact
L		11321			5C1\$#	Grey with dk green chloritic folia Gouge @ 132.0-132.1

Lithologic Log

Date: 29 July 83 Logged By: LCP/GAS

Core	From					To					Recov.	No.	Unit	Description
	1	10	14	16	20	22	24	26	28	30					34	35
L					1/13/32								51D101	(5B86) Homogeneous green calcareous phyllite w/ some noncalcareous green phyllite w/ microlithons Core intact
L					1/13/66								51B101	(5D0) 60:40 Interbedded on scale of 10's of cm. All calcareous Core broken - lithology related
L					1/14/13								51B101	±2 Core broken but intact - lithology related
L					1/14/17								51D101	Well banded w/ white calcite bands
L					1/14/31								51B101	±2 Core broken but intact
L					1/14/57								51D101	Minor qtz vein material
L					1/14/64								51B1810	
L					1/14/68								51C101	Anastomosing chlorite folia in greyish matrix
L					1/15/00								51B1810	Core intact
														EOH

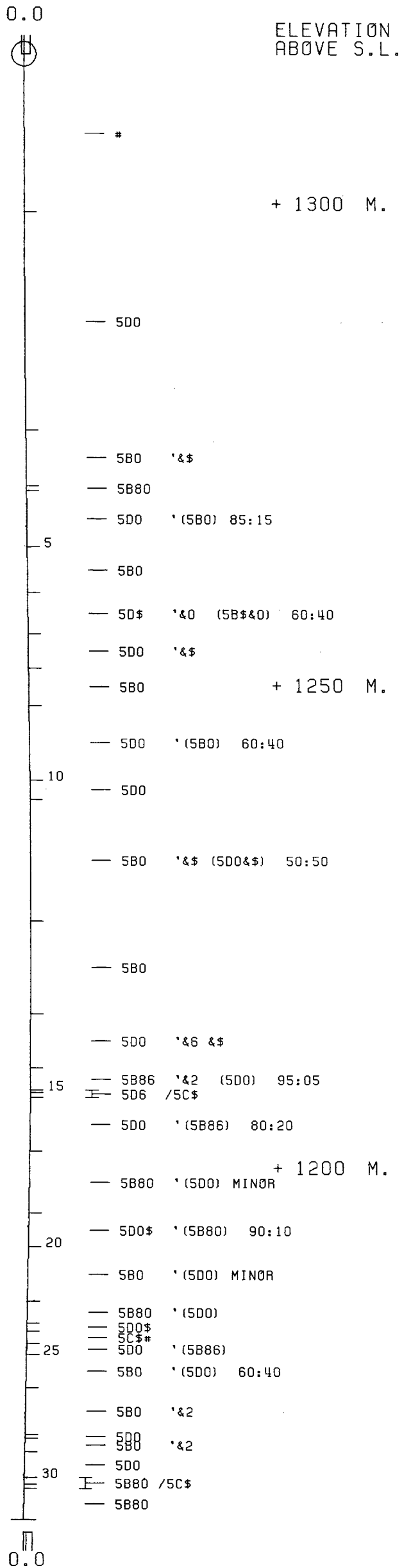
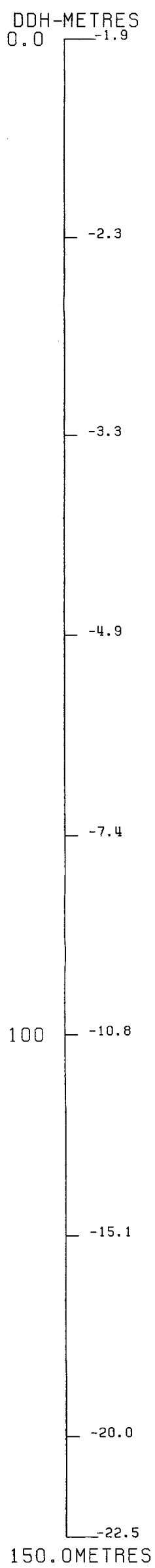
Structural Log

Date: _____ Logged By: _____

Code	From		To		Feature	SYM	UPPER S_0		INTERNAL S_1		LOWER S_2		Description
	10	14	16	20			Dip	Direct.	Dip	Direct.	Dip	Direct.	
F	116	3	121	6	B1								
F			118	3	C1								
F	121	2	121	4	G1								Indet w/ 10Q0
F	134	3	138	8	G1B1								45° to core axis — stepped then S_2
F	143	5	144	5	B1								
F	153	2	155	5	B1								
F	155	5	159	7	R1G								Gauge zones 10-20cm thick Most indet. but some @ 45° to core axis. S_2 distorted
F	159	7	160	7	B1								
F	163	2	165	5	1B1								
F	165	5	167	0	B1G								minor gauge
F	167	0	174	6	B1G								very minor gauge
F			175	8	G1				1/5	S121			"lithologic" gauge
F	181	6	181	7	B1R1G7								indet. gauge
F	19	7	19	18	1B1	7							No obvious fault
F	110	4	110	5	0R1	7							
F	110	6	110	6	5B1								
F			111	1	2G1								Minor indet. gauge
F			112	5	1G1								Minor indet. gauge
F	113	2	113	2	1G1								
F	113	3	114	1	3B1								Lithology related — core intact but broken
F	114	1	114	3	1B1								Core broken but intact

DDH: FAGA150 -- 42 DEGREE PROFILE (VIEW AZIMUTH = 312 DEGREES)

ELEV: 1316 592276E ; 905594N
 PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0
 CORRECTED COLLAR POSITION: X = 925.7 Z = 1315.4
 SECTION NAME: 88W



DDH: FAGA150 -- 42 DEGREE PROFILE

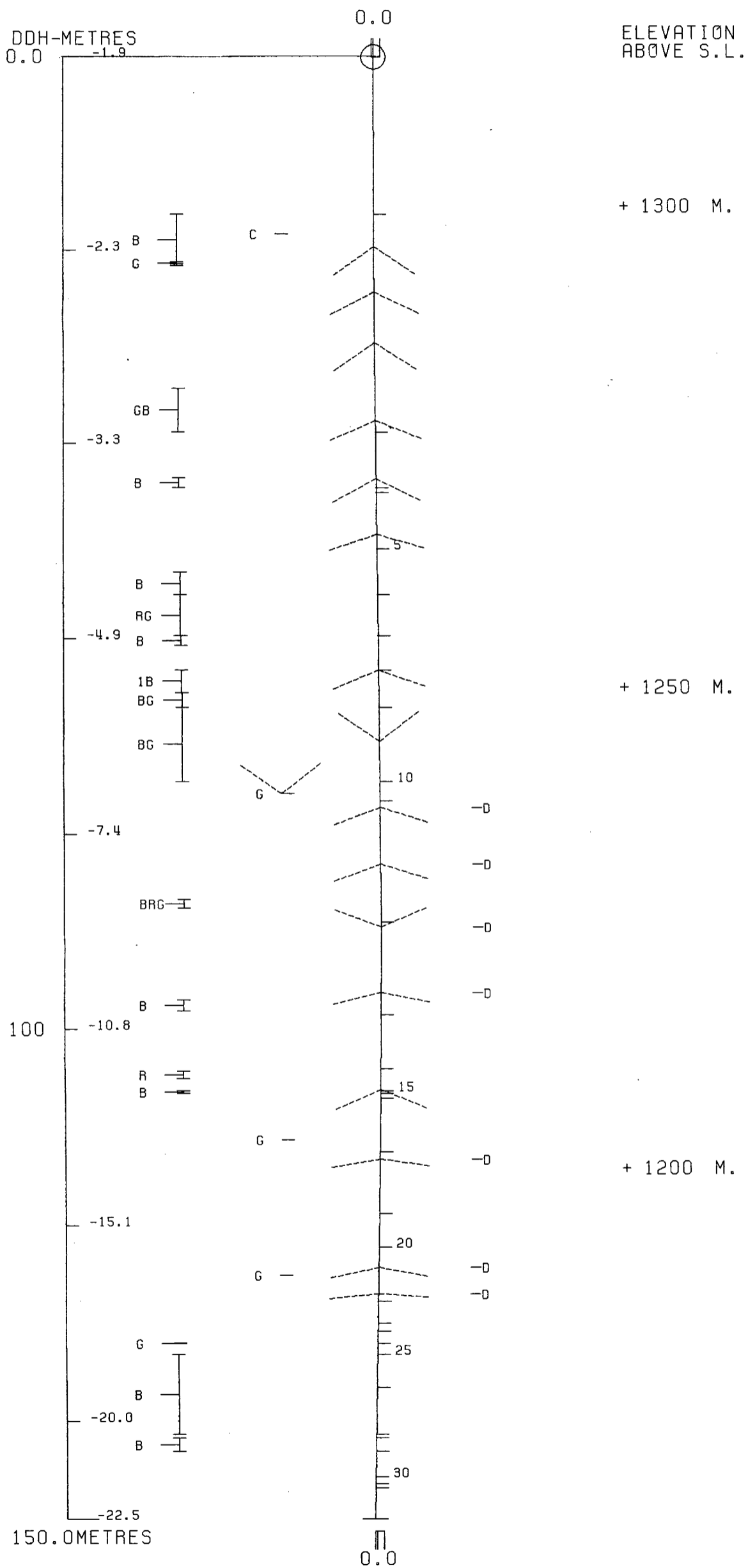
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1316 592276E ; 905594N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 925.7 Z = 1315.4

SECTION NAME: 88W



FAGA 151

DRILL HOLE : FAGA151
NORTHING : 905,457.2
EASTING : 592,155.3
ELEVATION : 1,313.1
TOTAL DEPTH : 145.4
SECTION : W 88
R.F.E. : S2
PFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS CRE-SAMPLES: 7
NOS DOWN-H-SURVEYS: 3
NOS DOWN-H-LITHOLOGY: 47
NOS DOWN-H-STRUCTURE: 26
NOS DOWN-H-FAULTS: 42
NOS DOWN-H-SPLINES: 3
NOS COMPOSITES: 0

DDH: FAGA151 UTM-N: 905,457.2 UTM-E: 592,155.3 UTM-ELEV: 1,313.1 TOTAL DEPTH: 145.4 SECTION: W 88
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	130.000	0.000
61.000	174.100	122.000
121.900	165.800	135.000

DDH: FAGA151 UTM-N: 905,457.2 UTM-E: 592,155.3 UTM-ELEV: 1,313.1 TOTAL DEPTH: 145.4 SECTION: W 88
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
4.5	OC01	#		0.5-	1
29.1	OC02	5B0	(500)TRACE (10Q0#)1%	0.5-	1
31.1	OC03	5D0	(10Q0#) MINOR	0.5-	1
34.0	OC04	5B0	82 (500) (10Q0#) 60:30:10	0.5-	1
39.7	OC05	5B8C		0.5-	1
41.8	OC06	5B0	82 8\$ MINOR	0.5-	1
44.0	OC07	5A6	TRANS TO 5B62 8\$MINOR(500)98:2	0.5-	1
44.6	OC08	5D0	[5B80]- LOCALLY 80:20	0.5-	1
51.3	OC09	5B0	82 (500)(10Q0#) 60:40:TR	0.5-	1
54.0	OC10	5B0		0.5-	1
56.5	OC11	5C\$		0.5-	1
59.2	OC12	5D\$		0.5-	1
62.8	OC13	5B8C	->5B0 (10Q08# W/CHLORITE)MINOR	0.5-	1
65.4	OC14	5B0	8\$	0.5-	1
68.0	OC15	5C6	8\$	0.5-	1
63.7	OC16	5C3		0.5-	1
69.7	OC17	5D\$	.	0.5-	1
71.9	OC18	5B2C	(50\$) (10Q0\$) 70:20:10	0.5-	1
72.6	OC19	5C\$	.	0.5-	1
73.2	OC20	5D\$	-> [5B36]	0.5-	1
75.5	OC21	5B6	.	0.5-	1
73.9	OC22	5D6	.	0.5-	1
76.2	OC23	5C\$	.	0.5-	1
78.9	OC24	5D\$		0.5-	1
80.5	OC25	5C\$	(10Q0\$) MINOR	0.5-	1
81.5	OC26	5D\$		0.5-	1
82.8	OC27	5B6\$	82 (5D6) TRACE	0.5-	1
85.7	OC28	5D\$	(10Q08\$) 95:05	0.5-	1
87.5	OC29	5C\$	(50\$) 80:20	0.5-	1
89.7	OC30	5D\$	(5C\$) 95:05	0.5-	1
94.5	OC31	5B6	(10Q0\$ CHLORITE PY)	0.5-	1
95.8	OC32	10Q0\$	CHLORITE (5D6) MINOR	0.5-	1
97.4	OC33	5B66	-> 5B6 (10Q0\$)	0.5-	1
106.3	OC34	5B6	(10Q\$ CHLORITE)(5B26)90:10:MIN	0.5-	1
107.7	OC35	5D\$	86 (10Q0\$) 70:30	0.5-	1
110.2	OC36	5B62	(10Q0\$)	0.5-	1
113.4	OC37	4D4	(5D6) (10Q0)	0.5-	1
114.5	OC38	4A0	-> 4C53 IN LAST 0.3M	0.5-	1
115.2	OC39	4D3	(400)(4H4)(50) 30:20:20:30	0.5-	1
117.0	OC40	5D\$		0.5-	1
118.7	OC41	5B6	(10Q0 CHLORITE)	0.5-	1
119.5	OC42	5D\$		0.5-	1
121.4	OC43	5B6	8\$MIN(5D\$)(10Q0\$MIN)85:15:MIN	0.5-	1
124.9	OC44	4A0	84 (4E44) MINOR	0.5-	1
125.6	OC45	4A0\$		0.5-	1
128.1	OC46	5B62	19 [5A19] ->4A0\$	0.5-	1
145.4	OC47	3G0	STRINGERED	0.5-	1

DDH: FAGA151 UTM-N: 905,457.2 UTM-E: 592,155.3 UTM-ELEV: 1,313.1 TOTAL DEPTH: 145.4 SECTION: W 88
 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
FAGA151	0.0	6.5	CS2		0	0	0	C	75	230	0		1	1	1
FAGA151	0.0	12.8	CS2		0	0	0	0	80	230	0		1	1	1
FAGA151	0.0	16.0	CS2		0	0	0	C	65	230	C		1	1	1
FAGA151	0.0	19.2	CS2		0	0	0	C	70	230	C		1	1	1
FAGA151	0.0	23.5	CS2		0	0	0	C	65	230	0		1	1	1
FAGA151	0.0	28.0	PS2		0	0	0	C	75	230	C		1	1	1
FAGA151	0.0	32.2	PS2		0	0	0	0	70	230	C		1	1	1
FAGA151	0.0	37.7	CS2	0	0	0	0	C	70	230	0		1	1	1
FAGA151	0.0	44.9	CS2		0	0	0	0	70	230	C		1	1	1
FAGA151	0.0	50.5	PS2		0	0	0	C	75	230	0		1	1	1
FAGA151	0.0	56.8	PS2		0	0	0	C	74	230	0		1	1	1
FAGA151	0.0	60.0	CS2		0	0	0	0	70	230	0		1	1	1
FAGA151	0.0	64.6	CS2		0	C	0	0	72	230	C		1	1	1
FAGA151	76.5	78.0			C	0	1	C	80	230	C		1	1	1
FAGA151	0.0	81.3	PS2		C	0	0	0	75	230	0		1	1	1
FAGA151	0.0	88.7	PS2		0	0	0	0	80	230	C		1	1	1
FAGA151	0.0	97.7	CS2		0	0	0	0	80	230	C		1	1	1
FAGA151	0.0	104.4	CS2		0	0	0	0	75	230	C		1	1	1
FAGA151	104.6	105.6	CS2		0	0	10	180	50	230	C		1	1	1
FAGA151	0.0	117.3	CS2		0	0	0	0	75	230	C		1	1	1
FAGA151	0.0	123.2	CS2		0	0	0	0	80	230	C		1	1	1
FAGA151	0.0	125.9	CS2		0	0	0	0	73	230	0		1	1	1
FAGA151	0.0	129.9	PS2		0	0	0	0	77	230	C		1	1	1
FAGA151	0.0	135.0	PS2		0	0	0	C	85	230	0		1	1	1
FAGA151	0.0	140.4	PS2		0	0	0	0	80	230	C		1	1	1
FAGA151	0.0	145.0	PS2		0	0	0	0	86	230	C		1	1	1

DDH: FAGA151 UTM-N: 905,457.2 UTM-E: 592,155.3 UTM-ELEV: 1,313.1 TOTAL DEPTH: 145.4 SECTION: W 88
 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	
FAGA151	0.0	9.6	G				0	0	0	0	1
FAGA151	5.2	11.7	2BR	4			0	0	0	0	1
FAGA151	17.4	18.9	1B	3			0	0	0	0	1
FAGA151	19.4	19.6	X				0	0	40	0	1
FAGA151	0.0	29.4	G				0	0	0	0	1
FAGA151	0.0	29.6	G				0	0	0	0	1
FAGA151	0.0	29.9	G				0	0	0	0	1
FAGA151	0.0	30.2	GQ				0	0	0	0	1
FAGA151	29.1	31.1	2B				0	0	0	0	1
FAGA151	31.1	34.0	2B				0	0	0	0	1
FAGA151	33.7	34.0	G	5			0	0	0	0	1
FAGA151	34.7	37.2	RG	5			0	0	0	0	1
FAGA151	0.0	39.7	G				0	0	0	0	1
FAGA151	42.6	44.0	S				0	0	0	0	1
FAGA151	0.0	47.2	S				0	0	0	0	1
FAGA151	49.2	49.5	X				0	0	0	0	1
FAGA151	52.7	53.1	XG				0	0	0	0	1
FAGA151	53.1	54.0	X				0	0	0	0	1
FAGA151	54.0	55.7	3B	5			0	0	0	0	1
FAGA151	54.6	55.7	RG				0	0	0	0	1
FAGA151	0.0	62.3	GQ				0	0	0	0	1
FAGA151	62.5	65.4	2BG				0	0	0	0	1
FAGA151	65.5	66.1	GX				99	999	99	999	1
FAGA151	69.7	71.8	2BR				0	0	0	0	1
FAGA151	71.3	71.9	G				0	0	99	999	1
FAGA151	0.0	81.8	G				0	0	45	180	1
FAGA151	0.0	84.4	R				0	0	0	0	1
FAGA151	82.8	85.7	2BG				0	0	0	0	1
FAGA151	0.0	87.1	G				0	0	0	0	1
FAGA151	92.0	92.8	RG	3			0	0	0	0	1
FAGA151	92.8	94.5	2B				0	0	0	0	1
FAGA151	0.0	95.3	G				0	0	0	0	1
FAGA151	0.0	100.5	G				0	0	0	0	1
FAGA151	101.0	103.7	GQ				0	0	0	0	1
FAGA151	107.7	110.2	RG	3			0	0	0	0	1
FAGA151	110.5	112.2	R	5			0	0	0	0	1
FAGA151	117.3	117.5	GR				0	0	0	0	1
FAGA151	118.0	118.7	RG				0	0	0	0	1
FAGA151	0.0	119.0	G				0	0	0	0	1
FAGA151	0.0	121.2	GR				0	0	99	999	1
FAGA151	0.0	121.6	G				0	0	0	0	1
FAGA151	127.9	128.0	G				0	0	0	0	1

DOWN-HOLE SPLINES (DH020)

DDH: FAGA151

UTM-N: 905,457.2

UTM-E: 592,155.3

UTM-ELEV: 1,313.1

TOTAL DEPTH:

145.4 SECTION: W 88

RFE: S2

RFE DIR: 230

PLUNGE ANGLES:

11

312 DHD CALC:

1

SS CALC:

1

DDH

SEGMENT NOS

COND INDICATOR

FAGA151

1

2

FAGA151

2

2

FAGA151

3

1

88W

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: FAGA 151

Project: GRUN RE-LOG

Location: VANGORDA PLATEAU

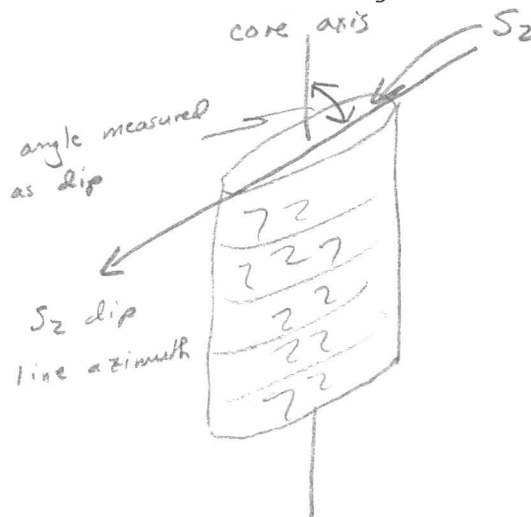
Claim: _____

Terr. Plane Co-ords.: 6965457.2480 N

592155.2787 E

Grid Co-ords.: 88W

Meters
Fabric Orientation Diagram:



All symmetry determinations looking

NW with S₂ dipping

SW with dip azimuth 230.

Elevation: 1313.14

Total Depth: 145.4 metres

Purpose: _____

Logged by: LCP + GAI

Date(s) Logged: July 26-27/1983

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

<u>BQ</u>	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Started: _____ Completed: _____

Lithologic Log

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	100	145		0101	#	Triconed - no core
L	145	291		0102	5B10	(5D0) - trace (10Q0#) 1% - mainly as S ₂ foliaform masses. Interlayered (minor) 5B20 ≈ 30cm @ 23.5 meters. Few pyrite porphyroblasts. From 5.2-11.7 core moderately broken & locally rubbly. Minor indeterminate gouge @ 9.6m. About 1m core lost from 6.7-8.2m. About 0.5m core lost from 8.2-10.7m. Not clear that faults involved in core loss. From 17.4 to 18.9, 0.4m core lost - core broken slightly but no gouge. From 19.4-19.6m. zone of coherent fault breccia w/ orientation 40/000. Incentral & lower contacts. Core crackle brecciated & veined for 2m. either side of fault zone. Slickensides all over - rake 30° - rake straight down dip. SD as 2 thin bands near 20.3m & 8.3m (each 20cm thick). Last 1m. of unit is 5B0±2 for carbonaceous bands.
L	291	311		0103	5D10	(10Q0#) minor laminated w/ calcite bands, Minor lithon structure. Core moderately broken w/ incipient gouge near small qtz vein @ 30.2. Minor indeterminate gouge @ 29.4, 29.6, 29.9m - probably not fault. Soapy feel on S ₂ film locally.
L	311	314D		0104	5B10	±2 (5D0) (10Q0#) 60:30:10. Bulk of qtz vein in last 0.3m. Unit has about 50% recovery - less mainly at end - indeterminate gouge ass. w/ qtz vein. Unit moderately to very broken overall.

Lithologic Log

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	13140	13197		01015	5TB810	Upper contact uncertain because of the gauge Core very broken to 37.3 (about 50% recovery) - most loss between 34.7 & 37.2m (0.4m rubble) - only minor gauge recovered From 37.3 - 39.7 core weakly to moderately broken No substantial sulfide porphyroblasts
L	1397	1418		01016	5TB01	± 2 ± f minor Interval moderately broken w/ indeterminate gauge @ upper contact
L	1418	1440		01017	5TA61	transitional to 5B62 ± f minor (SDO) 98:02 Unit moderately broken - recovery OK 42.6 - 44.0 - sheared - mostly a coherent fault breccia upper cont. indeterminate - core angle is 60/??? Internally @ 43.0m 20/??? w/ slickensides rake 20° to down dip. Steep fault suggested lower contact indeterm. but x. S ₂ parallel
L	1440	1448		01018	5TD01	[5B80] - locally 80:20 Calcite laminated variety - locally has minor lithom structure No major core lost
L	1448	1513		01019	5TB01	± 2 (SDO)(1000#) 60:40:TRACE SD - calcite laminations / also color laminations parallel S ₂ / minor lithom structure Core moderately broken - recovery OK At 47.2 sheared zone w/ shearing at 40/020 w/ minor fault breccia 49.2 - 49.5 minor fault breccia - suggests steep fault similar to @ 47.2 1000# as S ₂ foliaform lenses mainly in SD

Lithologic Log

Core	From	To	Recov.	No.	Unit	Description
I	10 14 16 20 22 24 26 28 30 34 35					
L	1511.3	1514.0		0110	15B101	52.7-53.1 - zone of breccia & gouge w/ indeterminate orient $\approx 60/???$ 53.1-54.0 - local fault breccia Overall core only moderately broken - recovery OK
L	1514.0	1516.5		0111	15C1\$1	Core locally has overlapping lens texture of 5C Folia are light greyish green. Not certain it is 5C. No fuchsite 54.0-55.7 core very broken. 54.6-55.7 rubble & indeterminate gouge about 1m core loss in larger zone 55.7-56.5 core relatively intact
L	1516.5	1519.2		0112	15D1\$1	Speckled 5D - normal 5D w/ carbonate rhombs disseminated through. Has typical carbonate stringers (qtz + dolomite = calcite) Rhombs are dolomite - $\approx 1mm$ across Unit relatively intact
L	1519.2	1612.8		0113	15B1810	→ 5B0 (10Q0 ± # w/ chlorite) minor 5B8 best developed in upper 1.m. adjacent to 5D Upper & lower contacts gradational Core relatively intact Few short broken zones 0.1m intet. gouge // S ₂ (?) ass. w/ qtz vein @ end of unit
L	1612.8	1615.4		0114	15B101	± \$ Core moderately broken Short // S ₂ gouge sections 62.8-63.3 No obvious sulphide porphyroblasts

Lithologic Log

Date: 7/27/83 Logged By: GAS/KCP

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	1615.4	1618.0		0115	5D16	± ϕ 65.5-66.1 zone of gouge + fault breccia Upper & interval contacts || S ₂ Includes pyrite + qtz fragments in fault breccia Minor dol. chnbs in 5D @ very top of unit Qtz-carbonate stringers (normal) in 5D P52 folia 66.1-68.0 core intact some broken zones w/ qtz veins no faults
L	1618.0	1618.7		0116	5C13	Intact, homogeneous, well foliated
L	1618.7	1619.7		0117	5D11	As unit #15 (65.4-68.0) Intact
L	1619.7	1711.9		0118	5B120	(5D11)(10Q01) 70:20:10 5D occurs as locally thin interbands in 5B. locally colour laminated || P52 folia Interval moderately to strongly broken Rubble @ 70.3. last 10cm incipient || S ₂ gouge - possible fault contact w/ next unit Recovery OK
L	1711.9	1712.6		0119	5C11	Similar to #16 Intact
L	1712.6	1713.2		0120	5D11	→ [5B86]
L	1713.2	1713.5		021	5B6	No faults
L	1713.5	1713.9		022	5D6	No faults
L	1713.9	1718.2		023	5C11	No faults Folia are medium greenish grey - greyer than normal 5C

Lithologic Log

Date: 7/27/83 Logged By: G.A.J./L.G.P.

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	1718.2	1718.9		01214	5D1\$	Intact
L	1718.9	1810.5		01215	5C1\$	As above (1000\$) Minor Intact
L	1810.5	1811.5		01216	5D1\$	Intact except last 0.3m. broken w/ - minor core loss (0.2m) minor indet. gauge No major fault &tz-carbonate laminations as usual.
L	1811.5	1812.8		01217	5B16\$	±2 (5D6) Trace Unit intact, no gauge, recovery OK SD - ≤ 5cm inkbands 11 S ₂ Minor fault @ 81.8 Orient 45/180
L	1812.8	1815.7		01218	5D1\$	(1000± \$) 95:05 Core moderately broken - locally intact Broken core + gauge 82.8-83.2 Rubble @ 84.4
L	1815.7	1817.5		01219	5C1\$	(5D\$) 80:20 As normal Core intact / recovery good Minor indet gauge @ 87.1m.
L	1817.5	1819.7		01310	5D1\$	(5C\$) 95:05 Upper & internal contacts w/ 5C gradational SD gtz-carbonate laminae as usual - generally 11S ₂ / locally folded so parallel S ₁ - rare isolated 1mm carbonate rhombs
L	1819.7	1914.5		01311	5B16	(1000\$ chlorite pg) 1000 parallel S ₂ Core intact to 92.0 92.0-92.8 zone of rubble & gauge Upper & lower contacts indet. Only 0.3m recovered

C.A.M.C. 1981 - E-3
92.8 - 94.5 core moderately broken / no gauge / recovery OK

Lithologic Log

Date: 7/27/83 Logged By: GAN/KCP

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	1914.5	1915.8		1312	10Q01\$	chlorite (SD6) minor Core moderately broken/recovery OK lower cut marked by indet. gauge
L	1915.8	1917.4		1313	5B1816	→ 5B6 (10Q0\$) Core weakly to moderately broken/recovery OK Gradational lower contact, Po porphs
L	1917.4	11016.3		1314	5B161	(10Q\$ chlorite) (5B26) 90:10: minor Core intact to moderately broken/recovery OK Local transitions to 5B2 (minor) 98.1 - moderately broken w/ gtz vein 100.5 - steep minor fault 5mm quartz laminae (siltstone) in phyllite 101.0-103.7 - abnormal concentration of small to large gtz vein material // Sz w/ minor gauge / core moderately broken 103.7-106.3 core intact
L	11016.3	11017.7		1315	5D1\$1	±6 (10Q0\$) 70:30 5D locally transitional to 5C\$ (as above) Core moderately broken in last 1/3 interval
L	11017.7	11110.2		1316	5B1612	(10Q0\$) Core rubble w/ local indet gauge About 0.8m lost in unit. Possible candidate for Bankruptcy Break last 30cm is gtz vein (intact) lower & upper contacts of rubble indet
L	11110.2	11113.4		1317	4D41	(5D6) (10Q0) last 0.5m has 4D4±5 interlayered Some 5D6 & 10Q0 particularly from 110.5-112.2 / For this interval core rubble w/ 1.0m core lost

Lithologic Log

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	111134	111145		1318	41A10	→ HC53 in last 0.3m. Core split / locally may be rubble / No gauge
L	111145	111152		1319	41D13	(4D0)(4H4)(5D) 30:20:20:30 5D from 114.6-114.9 - associated w/ breccia & Dolomite veining w/ pyritic fragments in breccia. 4H is just above this zone 4D0 is above - at T.O.I Core split / No substantial rubble
L	111152	111170		1410	57D\$1	Core little broken 10 cm 4E174 vein associated w/ pte-Dol- chlorite stringers in 5D lower contact parallel S ₂
L	111170	111187		1411	57B16	(10Q0 chlorite) Core moderately broken. Some indet gauge & rubble 117.3-117.5 118.0-118.7 considerable rubble & minor indet gauge Gauge & rubble ass. w/ pte veins.
L	111187	111195		1412	57D\$1	Intact. Minor indet gauge @ 119 Not major
L	111195	112114		1413	57B16	±\$ minor (5D\$)(10Q0\$ minor) 85:15:1 minor Rocks moderately broken. Minor 11S ₂ gauge & rubble @ 121.2
L	112114	112149		1414	41A0	±4 (4E44) minor 4E44 - 10cm at end of interval 121.4-122.5 unit more like 5A19 Core split / relatively intact / incipient gauge @ 121.6

Lithologic Log

Date: 7/27/83 Logged By: SAV/KCP

Code	From				To				Recov.				No.	Unit	Description
	10	14	16	20	22	24	26	28	30	34	35				
L	11214	9	11215	6									1415	14A10f	Split / originally intact
L	11215	6	11218	1									1416	15B1612 19	[5A19] → 4A0f Dark grey to locally black phyllite w/ local pyrite-gtz stringers typical of 4A Overall not enough sulfide for 4A Moderately broken Indeterminate grade @ 127.9-128.0
L	11218	1	11415	4									1417	1316101	stringered Stringers commonly approx. 11 S ₁ — folded by D2. Contain minor carbonate / locally dolomitic / contain chlorite. Contains brown weathering ankerite? Not sulfide-rich i.e. gtz-ankerite? - chlorite - minor dolomite - minor py + py Stringers in normal 3G Core relatively intact locally moderately broken 129.9-133.3 Core has been split because of minor sphalerite in stringers Minor 3Bf (few cm) at EDH associated with 10Qaf EON

Code	From		To		Feature	SYM	S ₀		S ₁		S ₂		Description
	10	14	16	20			Dip	Direct.	Dip	Direct.	Dip	Direct.	
	22	24	26	28	32	34	38	40	44				
S				165	C/S12					715	2310		
S				1128	C/S12					810			
S				1160	C/S12					615			
S				1192	C/S12					710			
S				1235	C/S12					615			
S				1280	P/S12					715			
S				1322	P/S12					710			
S				1377	C/S12	D				710			
S				1449	C/S12					710			
S				1505	P/S12					715			
S				1568	P/S12					714			PS2? in 5C
S				1600	C/S12					710			
S				1646	C/S12					712			
S		1765		1780				011	01010	810			looks like large D2 fold hinge
S				1813	P/S12					715			
S				1887	P/S12					810			PS2?
S				1977	C/S12					810			
S				110144	C/S12					715			
S		110146		110156	C/S12			110	11810	510			Small zone of steep S ₁ , M-φ Z-symmetry
S				11173	C/S12					715			
S				112132	C/S12					810			
S				112159	C/S12					713			
S				112199	P/S12					717			
S				113150	P/S12					815			
S				114104	P/S12					810			
S				114150	P/S12					816			✓

Structural Log

Date: 7/27/83 Logged By: LCP/GAS

Code	From	To	Feature	SYM	UPPER			INNER			LOWER			Description
					S ₀	S ₁	S ₂	S ₀	S ₁	S ₂	S ₀	S ₁	S ₂	
	10	14	16	20	22	24	26	28	32	34	38	40	44	
F	152	1117	21BIR	4										
F			96G											
F	1174	1189	181	3										
F	1194	1196	X1					410	01010	410	0010			
F	1219	1311	21B1											
F		1219	4G											} Gouges within rubble & broken core zones
F		1219	6G											
F		1219	9G											
F		1310	2GQ											
F	1311	1340	21B1											
F	1313	1314	0G	5										
F	1314	1317	2RIG	5										
F		1319	7G											
F	1412	1440	S1											Steep fault suggested
F		1417	2S1					410	01210					
F	1419	1419	5X1											
F	1512	1513	1X1G											Orientation 60/???
F	1513	1514	0X1											
F	1514	1515	731B1	5										
F	1514	1515	7RIG											
F		1612	8GQ											
F	1612	1615	421BIG											
F	1615	1616	1G1X1				115121		11512					Pyrite + qtz frags in breccia
F	1619	1718	21BIR											
F	1711	1711	9G						11512					
F		1811	8G					415	11810					Minor
F	1812	1815	721BIG											
F		1814	4R											
F		1817	1G											Minor
F	1912	1912	8RIG	3										
F	1912	1914	521B1											
F		1915	8G											
F		11010	5G											Minor
F	11011	11013	7QIG											
F	11017	11102	2RIG	3										Possibly Bankruptcy Break?

NO: A-151 LATITUDE: 11254.74 AZIMUTH: 0.00
 LENGTH: 145.40 DEPARTURE: 7474.78 DIP: -90.00
 ELEVATION: 1323.75

IN. VAL	ASSAYS				
FROM	TO	PB	ZN	AG	
		%	%	GM/TON	
.00	110.20	N/A	N/A	N/A	
.20	112.40	.50	.75	8.91	92026
.40	113.40	4.15	9.05	80.57	92027
.40	115.20	1.80	3.35	33.26	92028
.20	122.50	N/A	N/A	N/A	
.50	123.40	1.40	2.65	21.26	92029
.40	124.90	3.15	7.42	48.34	92030
.90	126.00	.34	.60	6.17	92031
.00	129.90	N/A	N/A	N/A	
.90	133.20	1.70	2.53	24.34	92032
.20	145.40	N/A	N/A	N/A	

3 by AA

DDH: FAGA151 -- 42 DEGREE PROFILE

(VIEW AZIMUTH = 312 DEGREES)

ELEV:1313 592155E ; 905457N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 742.9 Z = 1312.2

SECTION NAME: 88W

DDH-METRES
0.0 -4.5

-4.8

-5.8

-7.5

-9.9

100 -13.3

-17.7

-22.5

145.4 METRES

0.0



5

10

15

25

30

35

40

45

0.0

ELEVATION
ABOVE S.L.

+ 1300 M.

- #
- 580 (500) TRACE (1000*) 1%
- 500 (1000*) MINOR
- 580 *2 (500) (1000*) 60:30:10
- 5880
- 580 *2 &\$ MINOR
- 5A6 *TRANS TO 5B62 &\$MINOR (500) 98:2'
- 500
- 580 *2 (500) (1000*) 60:40:TR
- 580
- 5C\$
- 5D\$
- 5B80 *->580 (1000* &\$ CHLORITE) MINOR
- 580 *&\$
- 5D6 *&\$
- 5C3 /5D\$
- 5B20 (50\$) (1000\$) 70:20:10
- 5C\$ /5D\$ /5B6 /5D6
- 5C\$
- 5D\$
- 5C\$ (1000\$) MINOR
- 5D\$
- 5B6\$ *2 (506) TRACE
- 5D\$ (1000&\$) 95:05
- 5C\$ (50\$) 80:20
- 5D\$ (5C\$) 95:05
- 5B6 (1000\$ CHLORITE PY)
- 1000\$ *CHLORITE (506) MINOR
- 5B86 *-> 5B6 (1000\$)
- 5B6 (100\$ CHLORITE) (5B26) 90:10:MIN'
- 5D\$ *2 (1000\$) 70:30
- 5B62 (1000\$)
- 4D4 (506) (1000\$) 1200 M.
- 4A0 *-> 4C53 IN LAST 0.3M
- 4D3
- 5D\$
- 5B6 (1000 CHLORITE)
- 5D\$
- 5B6 *&\$MIN (50\$) (1000\$MIN) 85:15:MIN
- 4A0 *2 (4E44) MINOR
- 4A0\$
- 5B62 *19 [5A19] ->4A0\$
- 3G0 *STRINGERED

92027 92026
92028

92029 92030
92031

92032



DDH: FAGA151 -- 42 DEGREE PROFILE

(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1313 592155E ; 905457N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 742.9 Z = 1312.2

SECTION NAME: 88W

