

Diamond Drill Logs

014963

Grum - Section 82W
Vol. 1 of 2

DRILL HOLE : FAGA008
NORTHING : 905,349.0
EASTING : 592,220.7
ELEVATION : 1,308.9
TOTAL DEPTH : 232.6
SECTION : W 34
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: 11
NOS DOWN-H-SURVEYS: 4
NOS DOWN-H-LITHOLOGY: 79
NOS DOWN-H-STRUCTURE: 34
NOS DOWN-H-FAULTS: 15
NOS DOWN-H-SPLINES: 4
NOS COMPOSITES: 0

19OCT83 GRUM

DOWN-HOLE SURVEYS (DH020)

PAGE: 10

JJH: FAGA008 UTM-N: 905,349.0 UTM-E: 592,220.7 UTM-ELEV: 1,308.9 TOTAL DEPTH: 232.6 SECTION: W 84
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	173.500	128.000
152.400	167.500	133.500
189.000	164.900	139.000

DDH: FAGA008 UTM-N: 905,349.0 UTM-E: 592,220.7 UTM-ELEV: 1,308.9 TOTAL DEPTH: 232.6 SECTION: W 84
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CCDE	DESC	RECOVERY	IND
7.9	0001	*		0.5-	1
9.8	0002	582	83	0.5-	1
12.2	0003	5883	(0Q0)	0.5-	1
13.2	0004	503		0.5-	1
18.1	0005	583	(5883)	0.5-	1
21.0	0006	503	(0Q0)	0.5-	1
27.1	0007	5832	(503)	0.5-	1
28.8	0008	503		0.5-	1
29.5	0009	5C3		0.5-	1
36.1	0010	508	83 (5883) (10Q8)	0.5-	1
37.9	0011	5832	(500) 90:10	0.5-	1
39.3	0012	508	83	0.5-	1
43.7	0013	5886	(508)	0.5-	1
44.1	0014	5C8		0.5-	1
54.1	0015	586	83 [3G0] (10Q0) 90:10	0.5-	1
57.3	0016	580	82	0.5-	1
61.9	0017	503*		0.5-	1
63.7	0018	5C*	83 (504*)	0.5-	1
65.0	0019	5862	83 (50*) (5A6)	0.5-	1
69.2	0020	5038	(5C8) 80:20	0.5-	1
72.5	0021	5A6		0.5-	1
77.6	0022	4A0	(4C57) 90:10	0.5-	1
78.5	0023	4L7		0.5-	1
81.1	0024	5A19	(4A0)	0.5-	1
81.2	0025	4E7		0.5-	1
86.3	0026	3G0	8* 89 [58628*]	0.5-	1
90.1	0027	4L0	(4L7)	0.5-	1
90.7	0028	10Q0		0.5-	1
93.5	0029	586	[3G0]	0.5-	1
98.1	0030	405?	NO CORE	0.5-	1
100.8	0031	4A0	(4C5)	0.5-	1
103.2	0032	3G0	8* 89 "C.S."	0.5-	1
103.5	0033	3G0		0.5-	1
106.2	0034	3G0	8* 89 "C.S."	0.5-	1
106.5	0035	504*		0.5-	1
108.4	0036	3G0	8* 89 "C.S."	0.5-	1
109.7	0037	3G0	(5048)	0.5-	1
111.1	0038	3G0	8* 89 "C.S."	0.5-	1
111.7	0039	3G0		0.5-	1
113.8	0040	3G0	8* 89	0.5-	1
114.3	0041	4A4		0.5-	1
121.0	0042	3G0	8* 89	0.5-	1
121.8	0043	508		0.5-	1
129.8	0044	3G0	8* 89 "C.S."	0.5-	1
130.7	0045	504*	83	0.5-	1
134.2	0046	3G0	8* 89	0.5-	1
134.4	0047	3G0		0.5-	1
135.9	0048	3G0	8*	0.5-	1
139.1	0049	3G0	8* 84	0.5-	1
141.1	0050	4A1	PHYLLITIC (4C5) (3G9)	0.5-	1
141.7	0051	4L1		0.5-	1

DDH: FAGA008 UTM-N: 905,349.0 UTM-E: 592,220.7 UTM-ELEV: 1,308.9 TOTAL DEPTH: 232.6 SECTION: W 84
 RFE: S2 PFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
140.5	0052	3G0	3* (10Q0)	0.5-	1
140.9	0053	3G0		0.5-	1
153.9	0054	3G0	8* (10Q0)	0.5-	1
154.9	0055	3G4	21 (3G0) (10Q0)	0.5-	1
156.3	0056	3G0	2* V. MINOR	0.5-	1
166.5	0057	50*		0.5-	1
163.9	0058	3G0	3*	0.5-	1
169.0	0059	5C3	(5D3) (3G0) 33:33:33	0.5-	1
173.9	0060	3G0	2*	0.5-	1
177.5	0061	5D4\$		0.5-	1
180.4	0062	4D5	(4A4)? NO CORE	0.5-	1
185.0	0063	5C2	(5D2) (4E4) (4A0)	0.5-	1
191.1	0064	4A0	(5C*) (4E0)	0.5-	1
194.1	0065	4A0	(4E0) MINOR	0.5-	1
194.7	0066	5D2	(5C2)	0.5-	1
195.5	0067	5A61	33	0.5-	1
198.7	0068	3G0	30 (5C0*) MINOR	0.5-	1
199.5	0069	5D4		0.5-	1
200.0	0070	4L27	3*	0.5-	1
201.0	0071	5B0		0.5-	1
211.0	0072	3G3	88 (5C2) MINOR	0.5-	1
213.3	0073	3G0	(5C2) 60:40	0.5-	1
213.8	0074	3G0	(5A6) 50:50	0.5-	1
219.0	0075	3F2	[5E2] AS IN A224	0.5-	1
220.0	0076	5A6		0.5-	1
226.9	0077	5D*	33 (5C*23)	0.5-	1
232.1	0078	3G9	[5A6] (3G089)	0.5-	1
232.0	0079	3G0		0.5-	1

BDH: FAGA008 UTM-N: 905,349.0 UTM-E: 592,220.7 UTM-ELEV: 1,308.9 TOTAL DEPTH: 232.6 SECTION: W 84
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DH0 CALC: 1 SS CALC: 1

BDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	DIRECT	S1 ANGLE	DIRECT	S2 ANGLE	DIRECT	RFE	CDE	DHDC	SOC	PROCESS
FAGA008	0.0	9.4	CS2		0	0	0	0	50	230	0		1	1	1
FAGA008	0.0	18.3	CS2		0	0	0	0	35	230	0		1	1	1
FAGA008	0.0	21.3	CS2		0	0	0	0	65	230	0		1	1	1
FAGA008	0.0	25.0	CS2		0	0	0	0	62	230	0		1	1	1
FAGA008	0.0	31.4	CS2		0	0	0	0	70	230	0		1	1	1
FAGA008	0.0	37.2	CS2		0	0	0	0	65	230	0		1	1	1
FAGA008	0.0	43.0	CS2		0	0	0	0	60	230	0		1	1	1
FAGA008	0.0	50.4	CS2		0	0	0	0	65	230	0		1	1	1
FAGA008	0.0	55.0	CS2		0	0	0	0	75	230	0		1	1	1
FAGA008	0.0	59.6	PS2	P	0	0	0	0	68	230	0		1	1	1
FAGA008	0.0	68.0	PS2	P	0	0	0	0	73	230	0		1	1	1
FAGA008	0.0	76.8	PS2	P	0	0	0	0	70	230	0		1	1	1
FAGA008	0.0	84.3	PS2	P	0	0	0	0	83	230	0		1	1	1
FAGA008	0.0	91.7	PS2	P	0	0	0	0	70	230	0		1	1	1
FAGA008	0.0	99.6	PS2	P	0	0	0	0	82	230	0		1	1	1
FAGA008	0.0	102.4	CS2		0	0	0	0	90	230	0		1	1	1
FAGA008	0.0	109.1	CS2		0	0	0	0	73	230	0		1	1	1
FAGA008	0.0	114.1	CS2		0	0	0	0	58	230	0		1	1	1
FAGA008	0.0	119.8	CS2		0	0	0	0	78	230	0		1	1	1
FAGA008	0.0	123.4	PS2	P	0	0	0	0	70	230	0		1	1	1
FAGA008	0.0	133.5	PS2	P	0	0	0	0	75	230	0		1	1	1
FAGA008	0.0	143.3	CS2		0	0	0	0	82	230	0		1	1	1
FAGA008	0.0	149.0	CS2		0	0	0	0	67	230	0		1	1	1
FAGA008	0.0	155.9	CS2		0	0	0	0	75	230	0		1	1	1
FAGA008	0.0	161.7	CS2		0	0	0	0	60	230	0		1	1	1
FAGA008	0.0	169.5	CS2		0	0	0	0	83	230	0		1	1	1
FAGA008	0.0	174.7	CS2		0	0	0	0	78	230	0		1	1	1
FAGA008	0.0	181.4	PS2	P	0	0	0	0	75	230	0		1	1	1
FAGA008	0.0	189.6	CS2		0	0	0	0	66	230	0		1	1	1
FAGA008	0.0	197.2	PS2	P	0	0	0	0	65	230	0		1	1	1
FAGA008	0.0	205.1	PS2	P	0	0	0	0	73	230	0		1	1	1
FAGA008	0.0	216.4	PS2	P	0	0	0	0	80	230	0		1	1	1
FAGA008	0.0	222.2	PS2	P	0	0	0	0	70	230	0		1	1	1
FAGA008	0.0	229.7	PS2	P	0	0	0	0	80	230	0		1	1	1

19OCT85 GRUM

DOWN-HOLE FAULTS (DHO20)

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DH: FAGA008 UTM-N: 905,349.0 UTM-E: 592,220.7 UTM-ELEV: 1,308.9 TOTAL DEPTH: 232.6 SECTION: W 84
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DH	F DEPTH	T DEPTH	FEAT	REC	CD	PARLL	UPPER PLANE	INTERNAL PLANE	LOWER PLANE	DHD	
FAGA008	24.9	27.1	P		3		0	0	0	0	1
FAGA008	93.5	98.1	NNN				0	0	0	0	1
FAGA008	103.1	103.4	S				0	0	999	0	1
FAGA008	108.3	109.6	BG				0	0	0	0	1
FAGA003	111.0	111.7	G				0	0	99	999	1
FAGA008	117.3	118.5	P		1		0	0	0	0	1
FAGA008	119.7	121.0	P		5		0	0	0	0	1
FAGA008	0.0	126.9	IG				0	0	0	0	1
FAGA008	134.2	134.4	G				0	0	0	0	1
FAGA008	0.0	144.7	IG				0	0	0	0	1
FAGA008	145.4	146.9	G				0	0	0	0	1
FAGA008	149.9	150.8	IQX				0	0	0	0	1
FAGA008	177.5	180.4	NNN				0	0	0	0	1
FAGA008	191.1	194.0	G3F				0	0	0	0	1
FAGA008	195.1	195.5	G?				0	0	0	0	1

19OCT83 GRUM

DOWN-HOLE SPLINES (DH020)

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DDH: FAGA008 UTM-N: 905,349.0 UTM-E: 592,220.7 UTM-ELEV: 1,303.9 TOTAL DEPTH: 232.6 SECTION: W 84
RFE: 52 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DJH SEGMENT NOS COND INDICATOR

FAGA008	1	2
FAGA008	2	2
FAGA008	3	2
FAGA008	4	1

84 W

CYPRUS ANVIL MINING CORPORATION

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DIAMOND DRILL CORE LOG

Date: 24 July 82

Hole Number: FAGA 008

Project: Grum

Location: 84 W

Claim: Grum 3

UTM ~~Temp. Plane~~
Co-ords.:
change of basis
from K-A grid co-ords

6905348.9591 N

592220.7366 E

Grid Co-ords: 11N

84W

K-A elev -10.61m
Elevation: 1308.86 m

Total Depth: 763' (232.6 m)

Purpose: to promote AEX's stock

Reason hole Terminated: call Stanley Reams bottom

Logged by: DSJ/RST

Date(s) Logged: 16 June 82

Drilling Contractor: Cameron Macutcheon

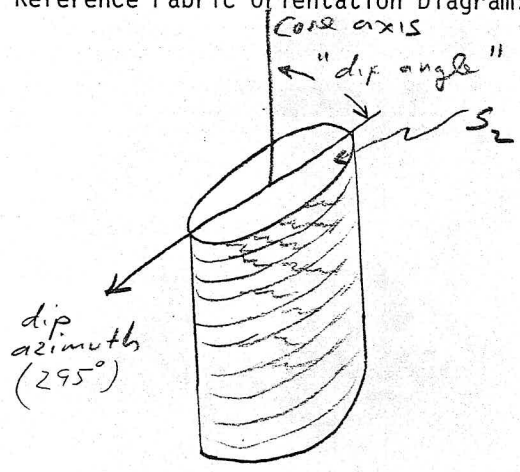
Size	CORE From	To	Collar Cased and Capped: <u>NO</u>
<u>BQ</u>	<u>25</u>	<u>763'</u>	

Hole Cemented: NO

Steel down hole: NO

Started: 31 May 74 Completed: 10 May 74

Reference Fabric Orientation Diagram:



All symmetry determinations looking

N with S2 dipping

W with dip azimuth 295°
225 below 150m

collar needs to be surveyed
need to add revy to KA intervals
on assay log

DDH FAGA 008
2 8

Diamond Drill Core Log Date: 24 July 82 Logged By:

Code	Drillhole	Elevation	Northing	Easting	Units (feet/metres)	R.F.E.
1	2	8	10	16	17	24
					25	32
					34	39
					41	42
T	FAGA 008	1308.0	9905349.0	592220.7	FEET	S2

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments					
1	2	8	10	14	22	26	28	32	34	56
R	FAGA 008	0000	180.0	000.0	AT COLLAR					
R	FAGA 008	610	173.5	128.0	COOKED					
R	FAGA 008	1524	167.5	133.5	COOKED					
R	FAGA 008	1890	164.9	139.0	COOKED					

Code	Drillhole	Comments, Errant Remarks, Snivellings and / or Lewd Suggestions		
1	2	8	10	56
	FAGA 008	HOLE NOT SURVEYED, COOKED BY COMPARISON TO A-93 AND A124 PER DARYL HANSEN.		

Section 84W

DDH FAQA008
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Cyprus Anvil Mining Corp.

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Lithologic Log

Date: June 16/82 Logged By: DST/PST

Code	From				To				Recov.	No.	Unit	Description
	10	14	16	20	22	24	26	28				
L		00		250						1	*	Overburden
L		250		294						2	SB2	±3 calc bands
L		294		400						3	SB83	st. calc (000) @ 36' grade core
L		400		433						4	SD3	st. calc last foot laminae banded.
L		433		593						5	SB3	(SB83) st. calc
L		593		690						6	SD3	st. calc (000) < 10%
L		690		890						7	SB32	(SD3) 2' rec ^o from 82'-89' 69-78 SD3
L		890		945						8	SD3	
L		945		968						9	SC3	strong calc. typical rounded CO ₂ blebs from plag. or micro amygdules
L		968		1183						10	SD*	±3 (SB83, 00* dol)
L		1183		1245						11	SB32	w. calc cherty. (SD0) 90% 1 st
L		1245		1290						12	SD*	±3 st. calc & ank.
L		1290		1433						13	SB, 86	(SD*)
L		1433		1447						14	SC*	dol.
L		1447		1775						15	SB, 6	±3 w. calc [340] (000) > 15%
L		1775		1880						16	SB, 9	±2 calc. in bands
L		1880		2030						17	SD3, *	
L		2030		2089						18	SC*,	±3 (SD4*)
L		2089		2134						19	SB62	±3 (SD*, SA6) Ex. sharp contact from overlying SD implies meta volcanic origin. SA over at stank.
L		2134		2270						20	SD3, *	ank. (SC* dol.) 80/20
L		2270		2380						21	SA, 6	
L		2380		2545						22	AA, 0	(4C57) 90/10 4C in middle of unit.
L		2545		2575						23	AL, 7	
L		2575		2660						24	SA, 1, 9	(AA0)
L		2660		2665						25	AE, 7	B*
L		2665		2830						26	39, 0	±3 ±9 [SB62 ± 3] local bands weakly calc. in 20% prod. loc. dol/ank bands will meta ⇒ calc sil bands.
L		2830		2955						27	AL, 0	(AL7) > 288-293
L		2955		2975						28	000	
L		2975		3068						29	SB, 6	[340]
L		3068		3220						30	AD, 5	Core Missing → KA mel test
L		3220		3308						31	AA, 0	(4C5) - 4C5 (328-330.5)

Free!

Code	From	To	Recov.	No.	Unit	Description
L	3308	3385		32	3G0	±*±9 laminae of l. grey CO ₃ ±po± bio gives weak calc. appearance
L	3385	3395		33	3G0	gauge //S ₂
L	3395	3485		34	3G0	±*±9 as unit 32
L	3485	3495		35	5DAX	
L	3495	3555		36	3G0	±*±9 as units 32, 34
L	3555	3598		37	3G0	(5DAX ank) bk core & gauge espec. at top. sub //S ₂
L	3598	3645		38	3G0	±*±9 as above
L	3645	3665		39	3G0	gauge l.c. //S ₂ ; uc. ind.
L	3665	3734		40	3G0	±*±9 as per above
L	3734	3750		41	4A4	8-99 Pb+Zn
L	3750	3970		42	3G0	±*±9 Some p.v. 385-389 (0.1'), 393-397 (2')
L	3970	3995		43	5D*	ank
L	3995	4260		44	3G0	±*±9 as above unit. 416.6 (0.1' gauge 35°/00)
L	4260	4288		45	5DAX	±3
L	4288	4404		46	3G0	±*±9
L	4404	4410		47	3G0	Gauge ind. poss //S ₂
L	4410	4460		48	3G0	±*
L	4460	4564		49	3G0	±*±4 microp. in loc. // c.a. 246-249
L	4564	4630		50	4A1	ph(4C5, 3G9) phyllitic 4A with 0.4' 4G bands and AC5 developed @ 359.5 minor sph & gn.
L	4630	4650		51	4A1	U. minor sph
L	4650	4805		52	3G0	±* (000) 1" gauge @ 475 probb related to following unit //S ₂ 10° 0tz.
L	4805	4820		53	3G0	Gauge //S ₂
L	4820	5050		54	3G0	±* (000) Qtz vein @ 482-495 largest at 493.2 (1.5') @ 482 white clay gauge box stone lower
L	5050	5082		55	3G4	±1 (3G0, 000)
L	5082	5455		56	3G0	±* v. minor 540.7-541.5 gauge vcut //S ₂ , l.c. ind.
L	5455	5464		57	5D*	
L	5464	5540		58	3G0	±* as u. 56 v.w. CO ₃ laminae.
L	5540	5570		59	5C3	ank (5D* del, 3G0) 30:30:30
L	5570	5705		60	3G0	±*
L	5705	5825		61	5DAX	del. heavily CO ₃ good microlithons.
L	5825	5920		62	4DS	(4A4) KA interp core missing Met Test

feet

Code	From				To				Recov.	No.	Unit	Description
	10	14	16	20	22	24	26	28				
L	59	20	60	90						63	5C*	ank (5D* ank, 4E4, 4A0) 4E597(6'), 4A 601-605'
L	60	90	62	70						64	A.A.O	(5C*, 4E5) 4E(2' 615(0.5")), 5C* as 3 bands < 1' avg.
L	62	70	63	68						65	A.A.O	Gouge 635.9-636.8 less gouge & minor 4E in 4A0. upper cut ind. 1-cut sub/S2 major fault
L	63	68	63	89						66	5D*	(5C*) ank
L	63	89	64	15						67	5A6	±3 640.4-641.5 unit in tact predom. gouge
L	64	15	65	20						68	3G0	±4L1 top ind. bottom // S2
L	65	20	65	46						69	5D4*	ank!
L	65	46	65	87						70	4L27	±* sds rest. to 0.1-0.4' bands
L	65	87	66	22						71	5B0	note macro lithic struct., calc sk. in 10'
L	66	22	69	50						72	3G3	±8 locally calc in thin bands. Thin 5C* ank. 6880-6888
L	69	50	69	97						73	3G0	(5C* ank) 60:40
L	69	97	70	81						74	3G0	(5A6) 50:50 SA at beginning & end upper cut // S2 lower cut ind.
L	70	81	71	85						75	3FX	ank. [5E*] med grey striped Co ₃ int. C-Ov. Similar to 5E* seen in A224
L	71	85	72	36						76	5A6	
L	72	36	75	10						77	5D*	±3 (5C* ±3) Interval begins & ends 5D metabasite--inf complex?
L	75	10	76	16						78	3G9	[5A6] (3G0 ±9)
L	76	16	76	30						79	3G0	End of hole.

DDH FAG A008
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Structural Log

Date: June 16/82 Logged By: [Signature]

Code	From				To				Feature	E S	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										
S				310				CS2											50	29.5					
S				60				CS2												35	29.5				
S				70				CS2												65					
S				82				CS2												62					
S				1,030				CS2												70					
S				1,220				CS2												65					
S				1,410				CS2												60					
S				1,655				CS2												65					
S				1,805				CS2												75					
S				1,955				INDP												68					
S				2,230				INDP												73					
S				2,52				INDP												70					
S				2,765				INDP												83					
S				3,015				INDP												70					
S				3,267				INDP												82					ACS locally CS2 but not usable 'cause split
S				3,360				CS2												90					
S				3,580				CS2												73					
S				3,745				CS2												58					
S				3,930				CS2												78					
S				4,050				INDP												70					
S				4,380				INDP												75					
S				4,700				CS2												82					
S				4,890				CS2												67					
S				5,115				CS2												75					
S				5,305				CS2												60					
S				5,560				CS2												83					
S				5,730				CS2												78					
S				5,950				INDP												75	22.5				
S				6,220				CS2												66					
S				6,470				INDP												65					
S				6,730				INDP												73					
S				7,100				INDP												80					
S				7,290				INDP												70					
S				7,536				INDP												80					

ASSAY LOG (SAMPLER'S COPY)

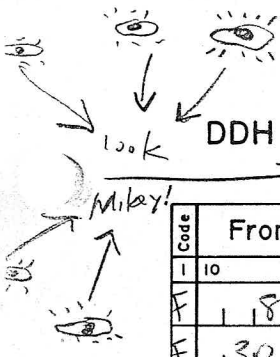
Date June 16/82

Sampled by _____

CODE	FROM				TO				SAMPLE	INTR.	REC (m)				UNIT	DESCRIPTION
	10	14	16	20	22	26	28	30			32	34	36	40		
P	2385		2450		90521		70							4A0	(4C57) see KA 2503A 2503	
P	2450		2500		90522		50							4A0	(4C57) " 2503 2503A	
P	2500		2630		90523		130							4A0	(4C57) " 2504	
P	2630		2670		90524		40							4A0	(4C57) " 2504A	
P	3068		3120		90525		52							4DS	core missing " 2501 ? See log KA	
P	3120		3125		90526		05							4DS	" 2501 ?	
P	3125		3180		90527		55							4DS	" " 2501A	
P	3180		3220		90528		40							4DS	" " 2502	
P	3220		3260		12405		40		15					4A0	(4C5)	
P	3260		3308		12406		48		25					4A0	(4C5)	
P	5835		5925		90508		90							4DS	(4A4) " 2505	

sample *
sample *

↑ recoveries not measured by KA - poor recovery not noted in either KA or CAMC log



DDH F66A008

Cyprus Anvil Mining Corp.

Page _____ of _____

Structural Log

Date: _____ Logged By: _____

Code	From				To				Feature	E/S	S ₀				S ₁				S ₂				Description
	10	14	16	20	22	24	26	28			32	34	38	40	44	Dip	Direct.	Dip	Direct.	Dip	Direct.		
F	1820				1890				P ₁	3													
F	3068				3220				NNN														
F	3385				3395				G								115 ₂						
F	3555				3598				BG														
F	3645				3665				G												115 ₂		
F	3850				3890				P ₁		1	TH	15	15				130			RI	NG	
F	3930				3970				P ₁	S													
F					4166				IG														
F	4404				4410				G														
F					4750				IG														
F	4805				4820				G														
F	492				495				IPX														
F	5825				592				NNN														
F	6270				6368				G3F														
F	6404				6415				G?														

DDH: FAGA008 -- 42 DEGREE PROFILE

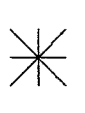
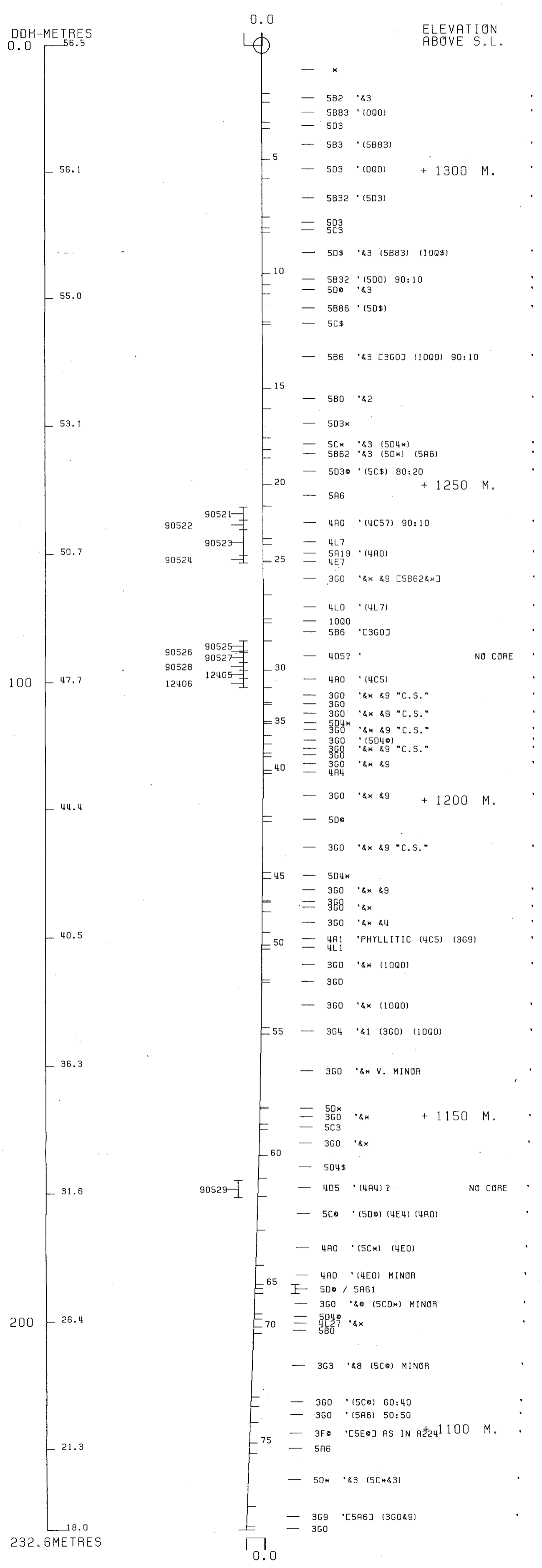
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1309 592221E ; 905349N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

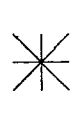
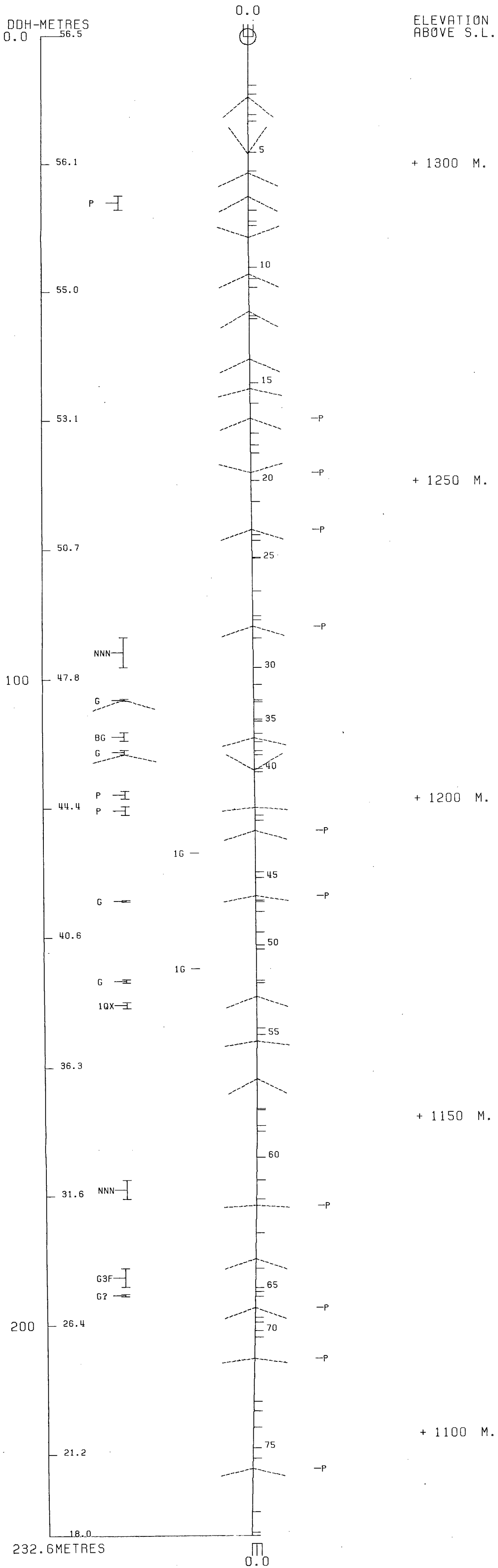
CORRECTED COLLAR POSITION: X = 706.9 Z = 1319.9

SECTION NAME: 82W



DDH: FAGA008 -- 42 DEGREE PROFILE (VIEW AZIMUTH = 312 DEGREES)

ELEV:1309 592221E ; 905349N
 PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0
 CORRECTED COLLAR POSITION: X = 706.9 Z = 1319.9
 SECTION NAME: 82W



DRILL HOLE : FAGA012
NORTHING : 905,198.1
EASTING : 592,078.6
ELEVATION : 1,312.7
TOTAL DEPTH : 364.5
SECTION : W 84
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: 55
NOS DOWN-H-SURVEYS: 7
NOS DOWN-H-LITHOLOGY: 75
NOS DOWN-H-STRUCTURE: 55
NOS DOWN-H-FAULTS: 35
NOS DOWN-H-SPLINES: 7
NOS COMPOSITES: 0

DDH: FAGAD12 UTM-N: 905,198.1 UTM-E: 592,078.6 UTM-ELEV: 1,312.7 TOTAL DEPTH: 364.5 SECTION: W 34
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

---DEPTHS---		SAMPLE NO.	INT.	REC.	ROCK UNIT	S.G. PULP	CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	ASSAYS								S.G. W.R.
FROM	TO											PC %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	
205.4	207.4	14240	2.0	1.9	4A4		.05	2.77	5.70	49.00										
207.4	209.3	14241	1.9	1.8	5D4*		.05	.55	.72	12.00										
209.3	211.1	14242	1.8	1.6	4A0		.02	.28	.66	6.00										
211.1	212.9	14243	1.8	1.5	4A0		.04	.62	1.15	11.00										
212.9	214.3	14244	1.4	1.3	4A0		.05	.78	.69	13.00										
214.3	216.1	14245	1.8	1.8	4A0		.07	.20	.46	3.99										
216.1	218.2	14246	2.1	1.9	4C5		.07	.14	.48	3.99										
218.2	219.7	14247	1.5	1.3	5A19		.10	.40	.70	7.99										
219.7	221.7	14248	2.0	1.9	4C0		.11	.40	.81	7.99										
221.7	222.6	14249	.9	.8	5D4*		.05	.27	.57	6.00										
222.6	224.2	14250	1.6	1.4	4C5		.10	.44	.69	7.99										
224.2	226.0	14251	1.8	1.7	4C0		.10	.57	1.55	12.00										
226.0	227.5	14252	1.5	1.3	4C5		.08	.42	.96	9.00										
227.5	228.9	14253	1.4	1.1	4A0		.05	.44	.58	9.00										
228.9	230.1	14254	1.2	.9	4A4		.04	1.51	4.17	33.00										
247.2	250.2	90534	3.0	.0	4C5		.04	1.99	2.70	30.89			.34							
250.2	253.3	90536	3.1	.0	4D5		.07	3.45	3.06	44.60			.34							
253.3	256.3	90537	3.0	.0	4D5		.05	2.35	3.47	38.39			.34							
256.3	257.9	14255	1.6	1.4	4C5		.02	1.64	2.52	21.00										
257.9	259.7	14256	1.8	1.7	4L27		.05	.36	.62	7.99										
272.7	273.9	14257	1.2	1.2	4C5	2.97	.07	1.19	1.67	21.00			.40	2	4	7				
273.9	276.5	14258	2.6	2.5	4C0	2.89	.02	1.16	2.04	17.00			.89	1	1	3				
276.5	278.0	14259	1.5	1.2	4L12		.02	.64	1.82	12.00										
278.0	279.5	14260	1.5	1.4	4C5		.07	.61	1.90	14.99										
279.5	281.3	14261	1.8	1.7	4A0	3.35	.11	1.40	2.72	29.99			.75	1	15	16				
281.3	283.3	14262	2.0	1.8	4A4	3.25	.11	1.98	3.08	39.00			.89		13	14				
283.3	284.4	14263	1.1	1.0	4C0		.05	.41	.78	13.00										
284.4	286.4	14264	2.0	1.9	4L12		.08	.42	.34	10.00										
286.4	287.5	14265	1.1	1.1	4L12		.05	.05	.17	3.00										
287.5	289.1	14266	1.6	1.5	4L12		.08	1.15	1.17	18.00										
289.1	290.5	14267	1.4	1.3	4A0		.14	.56	.80	17.00										
290.5	292.2	14268	1.7	1.5	4A0		.08	1.71	2.54	29.99										
292.2	294.0	14269	1.8	1.7	4A13		.19	.51	.41	25.00										
294.0	296.1	14270	2.1	2.0	4A13		.19	.63	.36	24.00										
296.1	298.4	14271	2.3	2.2	4A0	3.14	.08	1.18	1.18	25.00			1.33		9	10				
298.4	300.4	14272	2.0	1.9	4A0	3.18	.10	1.30	2.21	27.00			1.23	1	11	13				
300.4	302.4	14273	2.0	1.9	4L12		.05	.39	.27	7.99										
302.4	304.5	14274	2.1	2.0	4A0		.13	.84	1.14	18.00										
304.5	306.2	14275	1.7	1.6	4A0		.08	.98	1.06	17.00										
306.2	308.0	14276	1.8	1.8	4A13		.14	1.78	.40	41.00										
308.0	309.8	14277	1.8	1.7	4A13		.14	.99	.17	26.00										
309.8	311.7	14278	1.9	1.7	4A13		.08	.93	.67	25.00										
311.7	313.5	14279	1.8	1.8	4A13		.14	.34	.29	20.00										
313.5	315.3	14280	1.8	1.6	4A13		.17	.07	.31	15.99										
315.3	317.1	14281	1.8	1.7	4A13		.11	.11	.23	12.00										
317.1	318.4	14282	1.3	1.2	4A13		.16	.04	.23	12.00										
318.4	319.9	14283	1.5	1.2	4G4	4.63	.23	4.95	7.90	102.00			.20		28	29				
319.9	321.3	14284	1.4	1.0	4G4	4.46	.17	3.79	5.50	70.00			.47	1	29	30				
354.5	356.3	14419	1.8	1.1	4E4	4.73	.19	4.19	5.59	59.99			1.16		32	33				

17OCT83 GRUM

ORE SAMPLES & ASSAYS (DH020)

PAGE: 3

DDH: FAGA012 UTM-N: 905,198.1 UTM-E: 592,078.6 UTM-ELEV: 1,312.7 TOTAL DEPTH: 364.5 SECTION: W 84
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

---DEPTHS---				-----ASSAYS-----																	
FROM	TO	SAMPLE NO.	INT. REC.	ROCK UNIT	S.G. PULP	CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.	
356.3	353.4	14420	2.1	2.1 4E4	4.90	.23	4.38	4.49	69.00		1.16		36	37							
358.4	359.8	14421	1.4	1.4 4G4	4.62	.08	4.50	8.50	79.00		1.16		17	17							
359.8	361.2	14422	1.4	1.1 4EG	4.05	.04	1.87	4.01	41.00		.81	1	23	25							
361.2	362.6	14423	1.4	1.3 4EG	4.67	.11	1.89	6.20	54.00		1.64	19		20							
362.6	363.2	14424	.6	.6 4G4	4.50	.11	3.39	9.09	65.00		1.23		11	12							
363.2	364.5	14425	1.3	1.1 4E0	4.54	.20	1.85	1.44	33.00		1.10	1	34	35							
WEIGHTED AVERAGE																					
205.4	230.1		24.7	22.2		.06	.66	1.36	12.90												
247.2	259.7		12.5	3.1		.04	2.16	2.65	31.53		.24										
272.7	321.3		48.6	45.1	1.03	.11	1.07	1.44	24.56		.25		4	4							
354.5	364.5		10.0	8.7	4.60	.14	3.27	5.30	57.83		1.18	3	24	28							

17OCT83 GRUM

DOWN-HOLE SURVEYS (DH020)

PAGE: 4

DDH: FAGA012 UTM-N: 905,198.1 UTM-E: 592,078.6 UTM-ELEV: 1,312.7 TOTAL DEPTH: 364.5 SECTION: W 84
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	173.400	124.000
121.900	171.300	108.000
182.900	171.000	100.000
234.700	167.100	108.500
289.600	169.400	123.500
344.400	171.400	148.500

DDH: FAGA012 UTM-N: 905,198.1 UTM-E: 592,078.6 UTM-ELEV: 1,312.7 TOTAL DEPTH: 364.5 SECTION: W 84
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
2.3	0001	*		0.5-	1
10.1	0002	500	(5880) 70:30	0.5-	1
25.9	0003	5880	(500) 98:02	0.5-	1
50.3	0004	500	(5803832 MINOR) 65:35	0.5-	1
55.2	0005	5880		0.5-	1
55.5	0006	580		0.5-	1
56.0	0007	504*		0.5-	1
57.3	0003	580	(10Q# MINOR)	0.5-	1
61.2	0009	580	38 MINOR 32 MINOR	0.5-	1
71.5	0010	580	38 (504*)(506)(586\$)(5820)	0.5-	1
75.0	0011	586\$		0.5-	1
77.1	0012	5820	(500) 95:05	0.5-	1
77.9	0013	500		0.5-	1
83.1	0014	5828	0 (10Q#) MINOR	0.5-	1
103.4	0015	5880	(10Q#) MINOR	0.5-	1
111.4	0016	58*	30 38 (504*3084)(10Q#)MINOR	0.5-	1
145.2	0017	5880	(5880*) (500)	0.5-	1
146.6	0018	586\$	30	0.5-	1
187.3	0019	5880	(500) MINOR	0.5-	1
190.3	0020	5880	32 MINOR (586\$)(500) 50:20:30	0.5-	1
205.4	0021	586\$2	30 (5862\$ V. MINOR)->5A=MARK	0.5-	1
205.8	0022	4003*	(504*) (4E44)	0.5-	1
206.2	0023	504*		0.5-	1
207.4	0024	4A4	(400) 80:20	0.5-	1
207.8	0025	504*		0.5-	1
210.1	0026	4A0	->4C5 ->3G6 W.R.?	0.5-	1
213.2	0027	4C5	W.R.?	0.5-	1
219.7	0028	5A19	->4A0 ->4C5 W.R.?	0.5-	1
221.7	0029	4C0	[4L1234]	0.5-	1
222.1	0030	504*		0.5-	1
222.6	0031	4C0		0.5-	1
224.2	0032	4C5		0.5-	1
226.0	0033	4C0	(504\$) 80:20	0.5-	1
226.8	0034	4C5	->4A0	0.5-	1
227.1	0035	400		0.5-	1
227.5	0036	504*		0.5-	1
230.1	0037	4A4	->4D5	0.5-	1
247.2	0038	3G0	34 3\$ MINOR "STR." (504*)(0Q*)	0.5-	1
256.3	0039	4D5	NO CORE	0.5-	1
257.9	0040	4C5	(504*) W.R.?	0.5-	1
259.7	0041	4L27	31 34 "STRINGER"	0.5-	1
264.6	0042	3G4	->4L0 (0Q*) "STR."	0.5-	1
268.8	0043	3G0	39 "STR."	0.5-	1
272.7	0044	3G4	->4L0 (500343*) 90:10	0.5-	1
273.9	0045	4C5	->4A0 ->5A19	0.5-	1
276.5	0046	4C0	[4L124] (504*)	0.5-	1
277.0	0047	3G1	36	0.5-	1
278.0	0048	4L12		0.5-	1
279.5	0049	4C5	(504*) MINOR	0.5-	1
283.3	0050	4A0	33 34 31	0.5-	1
283.6	0051	4C0	[4L124]	0.5-	1

170CT83 GRUM

DOWN-HOLE LITHOLOGY (DH020)

PAGE: 6

DDH: FAGA012 UTM-N: 905,198.1 UTM-E: 592,078.6 UTM-ELEV: 1,312.7 TOTAL DEPTH: 364.5 SECTION: W 84
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
284.4	0052	5D4*		0.5-	1
286.4	0053	4L12	84 [4C0]	0.5-	1
286.7	0054	5D4*		0.5-	1
287.2	0055	4L12	(5D4*) MINOR	0.5-	1
287.5	0056	5D4*		0.5-	1
289.1	0057	4L124	[4C0] (5D4*) MINOR	0.5-	1
292.2	0058	4A0	88@ BEST EXHAL. SINCE 207.4 M.	0.5-	1
296.1	0059	4A13	88@ MINOR	0.5-	1
300.4	0060	4A0	83 AT END	0.5-	1
302.4	0061	4L12	87 84 "W.R."	0.5-	1
306.2	0062	4A0	8* MINOR	0.5-	1
318.4	0063	4A13	88	0.5-	1
321.3	0064	4G4	88	0.5-	1
322.6	0065	5B62\$		0.5-	1
324.6	0066	5B20	88	0.5-	1
326.0	0067	5D0	88 (5B62) 90:10	0.5-	1
336.8	0068	5B20	88	0.5-	1
342.0	0069	5B20		0.5-	1
354.5	0070	5B62	(5B6288) 60:40 (10Q\$) 1%	0.5-	1
358.4	0071	4E0	(4E4)	0.5-	1
359.8	0072	4G4	(4E46)	0.5-	1
362.6	0073	4E4	(5C4*)(10Q*)(4G4)	0.5-	1
363.2	0074	4G4		0.5-	1
364.5	0075	4E0	(5C4*)	0.5-	1

17OCT83 GRUM

DOWN-HOLE STRUCTURE (DH020)

PAGE: 7

DDH: FAGA012 UTM-N: 905,198.1 UTM-E: 592,078.6 UTM-ELEV: 1,312.7 TOTAL DEPTH: 364.5 SECTION: W 84
 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
FAGA012	0.0	4.3	CS2		0	0	0	0	62	230	0		1	1	1
FAGA012	0.0	11.3	CS2		0	0	0	0	75	230	0		1	1	1
FAGA012	0.0	18.0	CS2		0	0	0	0	75	230	0		1	1	1
FAGA012	0.0	23.5	CS2	D	0	0	0	0	78	230	0		1	1	1
FAGA012	0.0	30.5	CS2		0	0	0	0	75	230	0		1	1	1
FAGA012	0.0	37.2	CS2	D	0	0	0	0	77	230	0		1	1	1
FAGA012	0.0	43.1	PS2	P	0	0	0	0	82	230	0		1	1	1
FAGA012	0.0	51.5	CS2		0	0	0	0	65	230	0		1	1	1
FAGA012	0.0	61.9	CS2		0	0	0	0	70	230	0		1	1	1
FAGA012	0.0	68.0	CS2		0	0	0	0	60	230	0		1	1	1
FAGA012	0.0	78.9	CS2		0	0	0	0	69	230	0		1	1	1
FAGA012	0.0	86.0	CS2		0	0	0	0	80	230	0		1	1	1
FAGA012	0.0	93.0	CS2		0	0	0	0	84	230	0		1	1	1
FAGA012	0.0	98.5	CS2		0	0	0	0	70	230	0		1	1	1
FAGA012	0.0	104.9	CS2		0	0	0	0	80	230	0		1	1	1
FAGA012	0.0	114.6	CS2		0	0	0	0	53	230	0		1	1	1
FAGA012	0.0	122.5	CS2		0	0	0	0	75	230	0		1	1	1
FAGA012	0.0	128.3	CS2		0	0	0	0	80	230	0		1	1	1
FAGA012	0.0	135.0	CS2		0	0	0	0	80	230	0		1	1	1
FAGA012	0.0	142.6	CS2		0	0	0	0	67	230	0		1	1	1
FAGA012	0.0	150.0	CS2		0	0	0	0	80	230	0		1	1	1
FAGA012	0.0	158.8	CS2		0	0	0	0	75	230	0		1	1	1
FAGA012	0.0	162.2	CS2		0	0	0	0	85	230	0		1	1	1
FAGA012	0.0	169.8	CS2		0	0	0	0	75	230	0		1	1	1
FAGA012	0.0	174.3	CS2		0	0	0	0	80	230	0		1	1	1
FAGA012	0.0	186.5	CS2		0	0	0	0	65	230	0		1	1	1
FAGA012	0.0	191.7	CS2		0	0	0	0	75	230	0		1	1	1
FAGA012	0.0	200.3	CS2	D	0	0	0	0	70	230	0		1	1	1
FAGA012	0.0	202.4	CS2	D	0	0	0	0	75	230	0		1	1	1
FAGA012	0.0	207.9	CS2	D	0	0	0	0	70	230	0		1	1	1
FAGA012	0.0	214.6	CS2		0	0	0	0	75	230	0		1	1	1
FAGA012	0.0	219.5	CS2		0	0	0	0	60	230	0		1	1	1
FAGA012	0.0	224.0	CS2		0	0	0	0	60	230	0		1	1	1
FAGA012	0.0	234.1	CS2		0	0	0	0	67	230	0		1	1	1
FAGA012	0.0	236.5	CS2		0	0	0	0	58	230	0		1	1	1
FAGA012	0.0	242.0	CS2		0	0	0	0	62	230	0		1	1	1
FAGA012	0.0	246.6	CS2		0	0	0	0	72	230	0		1	1	1
FAGA012	0.0	260.6	CS2		0	0	0	0	50	230	0		1	1	1
FAGA012	0.0	267.6	CS2	D	0	0	0	0	85	230	0		1	1	1
FAGA012	0.0	270.1	CS2	D	0	0	0	0	72	230	0		1	1	1
FAGA012	0.0	274.9	CS2		0	0	0	0	80	230	0		1	1	1
FAGA012	0.0	281.6	CS2		0	0	0	0	70	230	0		1	1	1
FAGA012	0.0	289.9	CS2		0	0	0	0	80	230	0		1	1	1
FAGA012	0.0	292.0	CS2		0	0	0	0	80	230	0		1	1	1
FAGA012	0.0	299.6	CS2		0	0	0	0	80	230	0		1	1	1
FAGA012	0.0	304.5	CS2		0	0	0	0	80	230	0		1	1	1
FAGA012	0.0	314.2	CS2		0	0	0	0	75	230	0		1	1	1
FAGA012	0.0	322.8	CS2		0	0	0	0	65	230	0		1	1	1
FAGA012	0.0	327.1	CS2		0	0	0	0	76	230	0		1	1	1
FAGA012	0.0	334.7	CS2		0	0	0	0	74	230	0		1	1	1
FAGA012	0.0	338.9	CS2		0	0	0	0	70	230	0		1	1	1

17OCT83 GRUM

DOWN-HOLE STRUCTURE (DH020)

PAGE: 8

DDH: FAGA012 UTM-N: 905,198.1 UTM-E: 592,078.6 UTM-ELEV: 1,312.7 TOTAL DEPTH: 364.5 SECTION: W 84
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE DIRECT	S1 ANGLE DIRECT	S2 ANGLE DIRECT	RFE	COE	DHDC	SDC	PROCESS
FAGA012	0.0	346.9	PS2	P	0	0	55	230	0	1	1	1
FAGA012	0.0	351.1	CS2		0	0	63	230	0	1	1	1
FAGA012	0.0	359.4	PS2	P	0	0	80	230	0	1	1	1
FAGA012	0.0	362.7	PS2	P	0	0	73	230	0	1	1	1

DDH: FAGA012 UTM-N: 905,198.1 UTM-E: 592,078.6 UTM-ELEV: 1,312.7 TOTAL DEPTH: 364.5 SECTION: W 84
 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
FAGA012	2.2	34.2	2BT	8			0	0	0	1
FAGA012	34.2	34.5	GB				0	0	0	1
FAGA012	34.5	43.4	BT				0	0	0	1
FAGA012	0.0	43.4	G				0	0	0	1
FAGA012	45.4	47.2	B1G	3			0	0	0	1
FAGA012	47.2	50.2	F				0	0	0	1
FAGA012	50.2	55.1	2B				0	0	0	1
FAGA012	55.1	55.4	G				0	0	0	1
FAGA012	55.9	57.3	G				0	99	999	1
FAGA012	64.4	64.8	R				0	0	0	1
FAGA012	71.5	71.6	RG				0	0	0	1
FAGA012	75.5	77.0	2B				0	0	0	1
FAGA012	83.0	84.4	B				0	0	0	1
FAGA012	84.4	85.9	G	3			0	0	0	1
FAGA012	0.0	86.8	1G				0	0	0	1
FAGA012	89.0	91.8	GP				0	0	0	1
FAGA012	94.4	96.4	G				0	0	0	1
FAGA012	101.3	103.3	R1G				0	0	0	1
FAGA012	123.5	124.9	B1G				0	99	999	1
FAGA012	0.0	145.5	1G				0	0	0	1
FAGA012	0.0	152.4	R				0	0	0	1
FAGA012	0.0	163.4	TG				0	0	0	1
FAGA012	175.0	182.2	1G				0	0	0	1
FAGA012	182.2	185.3	3G				0	0	0	1
FAGA012	185.3	185.9	1G				0	0	0	1
FAGA012	202.6	205.4	B1G				0	0	0	1
FAGA012	0.0	221.2	X				0	0	0	1
FAGA012	228.6	228.9	G				0	0	0	1
FAGA012	230.1	232.5	M?				0	0	0	1
FAGA012	247.1	256.3	NNN				0	0	0	1
FAGA012	0.0	281.0	1XG				0	0	0	1
FAGA012	346.0	346.4	G				0	99	999	1
FAGA012	349.3	349.4	G				0	99	999	1
FAGA012	349.7	349.9	G				0	99	999	1
FAGA012	350.2	350.4	G				0	0	0	1

17OCT83 GRUM

DOWN-HOLE SPLINES (OH020)

PAGE: 10

DDH: FAGA012 UTM-N: 905,198.1 UTM-E: 592,078.6 UTM-ELEV: 1,312.7 TOTAL DEPTH: 364.5 SECTION: W 84
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH SEGMENT NOS COND INDICATOR

FAGA012	1	2
FAGA012	2	2
FAGA012	3	2
FAGA012	4	2
FAGA012	5	2
FAGA012	6	2
FAGA012	7	1

84 W

CYPRUS ANVIL MINING CORPORATION

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DIAMOND DRILL CORE LOG

Date: _____

Hole Number: FAGA 012

Reference Fabric Orientation Diagram:

Project: GRUM

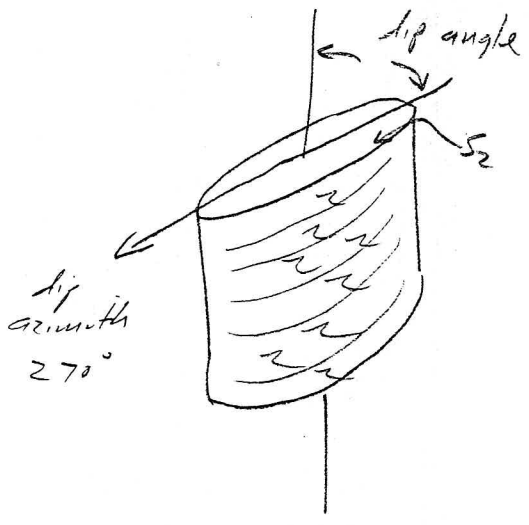
Location: 84 W

Claim: _____

Terr. Plane Co-ords.: 905198.1 N

592078.6 E

Grid Co-ords: _____



979 HIW Survey

1979 HIW Survey

Elevation: 1312.7

All symmetry determinations looking

N with S2 dipping

Total Depth: 1196.0 feet

W with dip azimuth 270°

225° below 175m

Purpose: _____

Reason hole Terminated: _____

Logged by: _____

Date(s) Logged: _____

Drilling Contractor: _____

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

Hole Cemented: _____

Steel down hole: _____

Started: _____ Completed: _____

DDH F.A.G.A.O.1.2
2 8

Diamond Drill Core Log Date: _____ Logged By: _____

Code	Drillhole	Elevation	Northing	Easting	Units (feet/metres)	R.F.E.
I	2	8	10	16 17	24 25	32 34 39 41 42
T	FAIGIA10112	113112	17910511981.1	15920781.6	FEET	

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments	
I	2	8	10	14 22	26 28	32 34 56
R	FAIGIA10112	100	11810.0	101.0	AT COLLAR	
R	FAIGIA10112	210100	1173.4	1124.0	CLACKULIATFIELD FIRM	
R	FAIGIA10112	410100	11711.3	11081.0	A10221 14 A11131	
R	FAIGIA10112	610100	11711.0	11010.0		
R	FAIGIA10112	77100	1167.1	11081.5		
R	FAIGIA10112	95100	1169.4	11231.5		
R	FAIGIA10112	113100	11711.4	11481.5		

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

Lithologic Log

Date: 14 Aug 82 Logged By: GAJ/DST

Core	From				To				Recov.	No.	Unit	Description
	10	14	16	20	22	24	26	28				
L		00		75						1	*	Overburden - tag missing consult KA log
L		75		330						2	S1D10	(S380) 70:30 core very broken to moderately broken 23' recvy over interval - 2' core loss is between 13' and 16' where only rubble recovered, rubbly 23'-27', 1' core loss there no gauge in interval.
L		330		850						3	S3810	(500) 98:2 core moderately broken to locally very broken. asp 55-57 but just postor chippy no gauge.
L		850		11650						4	S1D1	(580 ± 8 ± 2 minor) 65:35; 97.0-99 is best 580; 112.5-113.2 gauge & bkn. core; 142.5 = 1" indeter maybe 115r 149-155 = bkn core minor gauge & only 2' recy - poss. fault; (OO ± cal) = 19% (galy below 132'); 155-165 fracture down c.a. w/ 5211 offshoots
L		11650		11810						5	S3810	m bkn.; 2' core loss 165.0-172.6
L		11810		11820						6	S1B10	gauge; indeter upper & lower contact.
L		11820		11837						7	S1D1*	
L		11837		11880						8	S1B10	(OO* minor) gauge; indeter upper & lower = 1152 internal fabric
L		11880		2009						9	S1B10	± 8 minor ± 2 minor
L		2009		23145						10	S1B10	± 8 (504*) (506) (586* dol) (5820) proportions 55:5; 15:20:5; m. bkn. to contact rubble 211.6-212.6 indeter.
L		23145		24180						11	S1B10*	dol.; m. bkn. → contact; 234.8-235.1 rubble & indeter gauge;
L		24180		25128						12	S1B20	(500) 95:5; m. bkn. no gauge; OO* calcite minor
L		25128		25155						13	S1D10	
L		25155		2725						14	S1B280	(OO* cal.) minor
L		2725		3392						15	S1B80	(OO* cal) minor; v. bkn to loc. contact, gauge: 285.0 = 2" indeter; 277-282 bkn & rubble w/ 4' core loss; gauge 292-301.5 w/ 4" gauge only 292-295 all indeter

Lithologic Log

Date: 14 Aug 82 Logged By: GAT/DST

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
						S ₂ steep thru interval, could be steep fault; 310-316.5 all indeter gauge
L	313.92	316.55		116	5B8*	±0.8 (5D4* ±0 ±4) 50:50 (00%.) minor con. rusty
L	345.5	476.3		117	5B80	(5B80*, 500) 50 @ beginning 20' interval; 5B80* in 1st 12'; 405.6-410 = bkn & incip S ₂ // gauge minor fault; 00% cal. = 2% = 11.5" 1/4" - 5" thick
L	476.3	481.0		118	5B6*	±0 minor; dol.; intact gauge 477.4 = 1" indeter. gauge; 2" @ 477.6' indeter.
L	481.0	614.5		119	5B80	unit ± 2 minor below 560; prom. 500 570.3-574.3 w/ others below; m. bkn. to intact; rubble @ 500' for 3"; rake chip gauge 536.5 = 3"; 574.3-610.0 core incip gouged // S ₂ ; best gauge 578-608' indeter. w/ 5' core loss.
L	614.5	644.0		120	5B80	± 2 minor (5B6* dol, 500); 50:20:30;
L	644.0	674.0		21	5B6*	± 2 (5B62 ± * v. minor) fairly dk gy ⇒ SA = "dol marker" 664.7 - 674.0 = 5B62; 50%* tuffs TOI; intact above 665; m. bkn 665-674 w/ S ₂ // incip gauge @ 673 & 672 = 2"; 00% trace
L	674.0	675.3		22	4D0	(5D4*, 4E44) minor * w/ 4D0; not good ore facies - veins?
L	675.3	676.4		23	5D4*	unmin. minor fault.
L	676.4	680.6		24	4A4	(4D0) @ @ end of unit; 80:20 4D marg. to 5D4*
L	680.6	681.8		25	5D4*	
L	681.8	709.0		26	4A9	⇒ 4C5 due to lt. color & ⇒ 3G1 where v. low in 5 ⁺ ; not good 4A poss all th wall r. v. low 5 ⁺ = 5%; (00%*) = 1%
L	709.0	716.0		27	4C5	v. lt. gy folia; text. c.f. 4A but too light gray
L	716.0	720.7		28	5A19	⇒ 4A0 ⇒ 4C5; last 3 units not good exhalites but could be

Lithologic Log

Date: 14 Aug 82 Logged By: GAT/DSJ

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	7207	7275		29	4C9	[44124]; fault breccia @ 726 but core badly broken/split; not great exhalites but " " " ; some near mass. sulf. bands though
L	7275	7287		30	5D4*	
L	7287	7304		31	4C9	as #3 to S _T py dominant
L	7304	7355		32	4C5	m → dk m. gray folia; 10 S _T = 10% if lucky py > ZnS
L	7355	7415		33	4C9	as 30 & 32; no mass. then sulf. bands ZnS rich; (5C1*d) = 20% of unit
L	7415	7440		34	4C5	⇒ 4A0 not good exhalites but may be
L	7440	7450		35	4D0	
L	7450	7463		36	5D4*	
L	7463	7550		37	4A9	⇒ 4C5 brecciated prob. fault; gauge 750-751 indeter; (5D4*) in lt. units top 1.5'; sleazy 4A; only 4A4 @ beginning of intersect 690.4-680.6 is good exhal.
L	7550	8110		38	3G9	± 4 ± * dol minor; ^{g-silic-py} stringers; unit ⇒ 4L2 (5D1*, 6G*) ; 80:10:10; 4L2 = 793.5-795.0; 755-763 = unrelat. ?? no gauge
L	8110	8410		39	4D5	core missing; KA interp.; not good exhal. scavenging
L	8410	8460		40	4C5	(5D4*) minor; 10 S _T alt. walkk ??; m. gray folia gauge: 844-844.5 indeter N.B: All sulfs so badly broken from splittings only guess is sulfs. intact
L	8460	8520		41	4L27	± 1 ± 4 c.f. stringered 3G texture which is likely protolith; split
L	8520	8480		42	3G4	⇒ 4L0 (6G*) = 2% ; stringered - g-silic - ank ; v. minor ± 9 ; intact
L	8680	8820		43	3G9	± 9 stringered - glz-chlor-po-ank
L	8820	8940		44	3G4	⇒ 4L0 (5D0 = 4 ± *) ; ^{3G} 90:10 ; ± 9 @ ECI
L	8940	8985		45	4C5	⇒ 4A0 ⇒ 5A19 w/ 4A texture
L	8985	9070		46	4C0	[44124]; lt. silver gray - buff folia; 10 S _T w/ sub = py:ZnS; (5D4*) minor

Lithologic Log

Date: 14 Aug 82 Logged By: GHT/DSJ

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	9,070	9,087		47	3S11	limited sulfidic banding ⇒ exhal. ±6 m. gy folia; emb. siliceous v. minor ZnS
L	9,087	9,120		48	4L12	(504*) minor; m. gy folia; 10 St [±] ZnS dominant
L	9,120	9,170		49	4C5	ll. gy folia, 10 St [±] py ⇒ ZnS; no S [±] banding all dis.
L	9,170	9,295		50	4A9	±3±4±1 in last 6'; OK 4A. w/ good banding; 10 grade; intact? / solid cut by dol. breccia veins w/ con. struct. nr. 922 - not major
L	9,295	9,303		51	4C9	[4L124]
L	9,303	9,332		52	5D4*	
L	9,332	9,397		53	4L12	±4 [4C9]; buff folia to lt. gyl. quartzose 10 St [±] py ⇒ ZnS
L	9,397	9,407		54	5D4*	
L	9,407	9,422		55	4L12	(504*) minor
L	9,422	9,433		56	5D4*	
L	9,433	9,485		57	4L12	4 [4C9] (504*) minor 10 St [±] = 10% py ⇒ ZnS
L	9,485	9,587		58	4A9	±* dol/folia v. minor; good normal exhal. 4A - best since 676.4-680.6; intact?
L	9,587	9,715		59	4A13	±* dol/folia minor; thick gtz-py bands ⇒ exhal.
L	9,715	9,857		60	4A9	normal " ; ±3 in last 8'
L	9,857	9,922		61	4L12	±7±4 minor ZnS (504*) = 10% of unit; 6" 504* @ 987'; good 4L - not exhal.
L	9,922	10,045		62	4A9	±* v. minor; 10 St [±] py ⇒ Zn = 20% good 4A text ⇒ exhal; intact?
L	10,045	10,445		63	4A13	±* minor dol. in gtz-py layers; 30% py w/ py ⇒ ZnS; normal exhal. text.
L	10,445	10,540		64	4G4	±* dol; w/ly banded → homog; 4L "flocax" EDT; intact?
L	10,540	10,585		65	5B62	*; dk gy ⇒ blk folia; rubble @ 1058 but intact
L	10,585	10,650		66	5B20	±* c.f. #66 but calcite
L	10,650	10,695		67	5D9	±* dol (5B62) = 10% ; 2.5' recd.

Lithologic Log

Date: 14 Aug 82 Logged By: GAT/DST

Code	From				To				Recov.	No.	Unit	Description
	10	14	16	20	22	24	26	28				
L	10695		11050							68	SB20	* dol.; dk. gy. folia w/ abundant off white $Fe-CO_2$ layers forming <u>interstrat.</u> ; intact
L	11050		11220							69	SB20	mid dark gray prominent carbonate S_2 fibers and 14-gy calcite bearing ooids in Fe fibers & transposed with S_2 intact
L	11220		11630							70	SB62	(SB62* dolo) 60:40 1-2% (000*) similar to above but slightly less carbonate with carbon increasing toward base OI SB20* entirely near top. Noddy, broken w/ salt gings @ 1135.4 - 1136.5, 1146.0 - 1148.5 1147.5 - 1148.0, 1149 - 1149.7 more major fault gings just incomplete gings
L	11630		11760							71	4E0	(4E4) massive unit with distinctive thin red brown spherul bands on 1/8" - 1" intervals, 1/8" - intact
L	11760		11805							72	4E4	(4E4) killer grade
L	11805		11895							73	4E4	(5C4*, 00*, 4G4) intact 5C4* @ 1181.3 - 1181.6 & 1182.5 - 1182.0 00* @ 1185 - 1185.5 4E4 = 1 band @ 1187 - 1188
L	11895		11915							74	4G4	weakly banded, killer grade. (that is, high) last 10' of core jumbled in check KA log.
L	11915		11960							75	4E4	(5C4*)

DDH EAG.A.0.1.2
²
 FEET

Cyprus Anvil Mining Corp.

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Structural Log

Date: 15 Aug 82 Logged By: GAT/DSJ

Code	From		To		Feature	SYM	S ₀		S ₁		S ₂		Description	
	10	14	16	20			Dip	Direct.	Dip	Direct.	Dip	Direct.		
	1	2	3	4	5	6	7	8	9	10	11	12		
S				14	CS ₂							62	270	
S				37	CS ₂							75	11	
S				59	CS ₂							75	11	
S				770	INDD							78	11	CS ₂
S				1000	CS ₂							75	11	
S				1,220	INDD							77	11	CS ₂
S				1,415	INDP							82	11	
S				1,690	CS ₂							65	11	
S				2030	CS ₂							70	11	
S				2,230	CS ₂							80	11	
S				2,590	CS ₂							69	11	
S				2,820	CS ₂							80	11	
S				3,050	CS ₂							84	11	
S				3,230	CS ₂							70	11	
S				3,440	CS ₂							80	11	⇒ PS ₂
S				3,760	CS ₂							53	11	
S				4,020	CS ₂							75	11	
S				4,210	CS ₂							80	11	
S				4,430	CS ₂							80	11	
S				4,680	CS ₂							67	11	
S				4,920	CS ₂							80	11	
S				5,210	CS ₂							75	11	
S				5,320	CS ₂							85	11	
S				5,570	CS ₂							75	11	
S				5,720	CS ₂							80	270	
S				6,120	CS ₂							65	225	
S				6,290	CS ₂							75	11	
S				6,640	INDI							75	11	CS ₂
S				6,570	INDD							70	11	
S				6,820	INDI							70	11	
S				7,040	CS ₂							75	11	
S				7,170	CS ₂							60	11	
S				7,350	CS ₂							60	11	
S				7,680	CS ₂							67	11	⇒ PS ₂
S				7,740	CS ₂							58	11	
S				7,940	CS ₂							62	11	

DDH FAGA012
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Cyprus Anvil Mining Corp.

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Structural Log

Date: 15 Aug 82 Logged By: GAT/DSJ

Code	From		To		Feature	S ₀ Dip Direct.	S ₁ Dip Direct.		S ₂ Dip Direct.		Description			
	10	14	16	20			22	24	26	28		32	34	38
S				8090	CSZ							72	225	
S				8550	CSZ							50		⇒ PS2
S				8780	INDP							85		CSZ
S				8860	INDD							72		CSZ
S				9020	CSZ							80		
S				9240	CSZ							70		
S				9510	CSZ							80		
S				9580	CSZ							80		
S				9830	CSZ							80		
S				9990	CSZ							80		?
S				10310	CSZ							75		
S				10590	CSZ							65		
S				10730	CSZ							70		
S				10980	CSZ							74		
S				11120	CSZ							70		
S				11380	INDP							55		
S				11520	CSZ							63		
S				11790	INDP							80		RS, ?
S				11900	INDR							73	225	

ASSAY LOG (SAMPLER'S COPY)

CODE	FROM				TO				SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
	10	14	16	20	22	26	28	30					
P	167	170	168	170	14240	166	161	4A4	(400)(4E44)(SD4X)				
P	168	166	168	166	14241	160	160	5D4*	4A0				
P	168	166	169	166	14242	160	152	4A0	→ 4C5				
P	169	166	169	166	14243	160	149	4A0	→ 4C5				
P	169	166	170	160	14244	144	144	4A0	→ 4C5				
P	170	160	170	160	14245	160	158	4A0	→ 4C5				
P	170	160	171	160	14246	170	161	4C5					
P	171	160	172	160	14247	147	143	5A19	→ 4A0 → 4C5				
P	172	160	172	160	14248	168	161	4C9	[4L24]				
P	172	160	173	160	14249	129	126	5D4*	(4C0)				
P	173	160	173	160	14250	151	146	4C5					
P	173	160	174	160	14251	160	157	4C0					
P	174	160	174	160	14252	148	144	4C5	→ 4A0 (400) (SD4*)				
P	174	160	175	160	14253	137	137	4A0	→ 4C5				
P	175	160	175	160	14254	140	130	4A0	→ 4C5				
P	181	160	182	160	90534	100		4D5	KA # 2581				
P	182	160	183	160	90536	100		4D5	# 2582				
P	183	160	184	160	90537	100		4D5	# 2583				
P	184	160	184	160	14255	150	145	4C5					
P	184	160	185	160	14256	160	155	4L27	± 1.4				
P	189	160	189	160	14257	139	139	4C5	→ 4A0 → 5A19				
P	189	160	190	160	14258	185	185	4C0	[4L24]				
P	190	160	191	160	14259	150	141	4L12	(361±6)				
P	191	160	191	160	14260	150	147	4C5	(SD4*)				
P	191	160	192	160	14261	160	155	4A0	± 3 ± 4				
P	192	160	192	160	14262	165	159	4A0	± 3 ± 4 ± 1				
P	192	160	193	160	14263	137	134	4C0	[4L24] (SD4*)				
P	193	160	193	160	14264	165	162	4L12	± 4 [4C0]				
P	193	160	194	160	14265	136	135	4L12	(SD4*)				
P	194	160	194	160	14266	150	150	4L12	4 [4C0] (SD4*)				
P	194	160	195	160	14267	145	143	4A0	± *				
P	195	160	195	160	14268	157	150	4A0	± *				
P	195	160	196	160	14269	160	157	4A13	± *				
P	196	160	197	160	14270	168	165	4A13	± *				

no record given out for log not intended to be bound in log

CODE	FROM				TO				SAMPLE				INTR.		REC (m)	UNIT		DESCRIPTION
	1	10	14	16	20	22	26	28	30	32	34	36	40	42				
P	9,7	15	9,7	19	0	14271	175	17	1						4A10			
P	9,7	19	9,8	57		14272	167	16	1						4A10	±3		
P	9,8	57	9,9	22		14273	165	16	1						4A12	±7±4 (504*)		
P	9,9	22	9,9	90		14274	168	16	6						4A10	±*		
P	9,9	90	1,0	04	5	14275	155	15	2						4A10	±*		
P	1,0	04	1,0	10	5	14276	160	15	8						4A13	±*		
P	1,0	10	1,0	16	5	14277	160	15	5						4A13	±*		
P	1,0	16	1,0	22	5	14278	160	15	7						4A13	±*		
P	1,0	22	1,0	28	5	14279	160	16	0						4A13	±*		
P	1,0	28	1,0	34	5	14280	160	15	2						4A13	±*		
P	1,0	34	1,0	40	5	14281	160	15	7						4A13	±*		
P	1,0	40	1,0	44	5	14282	140	14	0						4A13	±*		
P	1,0	44	1,0	49	5	14283	150	14	0						4G4	±*		
P	1,0	49	1,0	54	0	14284	145	13	3						4G4	±*		
P	1,1	63	1,1	69	0	14419	160	13	7						4E0			
P	1,1	69	1,1	76	0	14420	170	17	0						4E0			
P	1,1	76	1,1	80	5	14421	145	14	5						4G4	(4E4)		
P	1,1	80	1,1	85	0	14422	145	13	7						4E4	(504*, 00*, 4G4)		
P	1,1	85	1,1	89	5	14423	145	14	2						4E4	" " "		
P	1,1	89	1,1	91	5	14424	125	12	0						4G4			
P	1,1	91	1,1	96	0	14425	145	13	6						4E4	(504*)		

DDH FAG A 012
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Cyprus Anvil Mining Corp.

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FEET

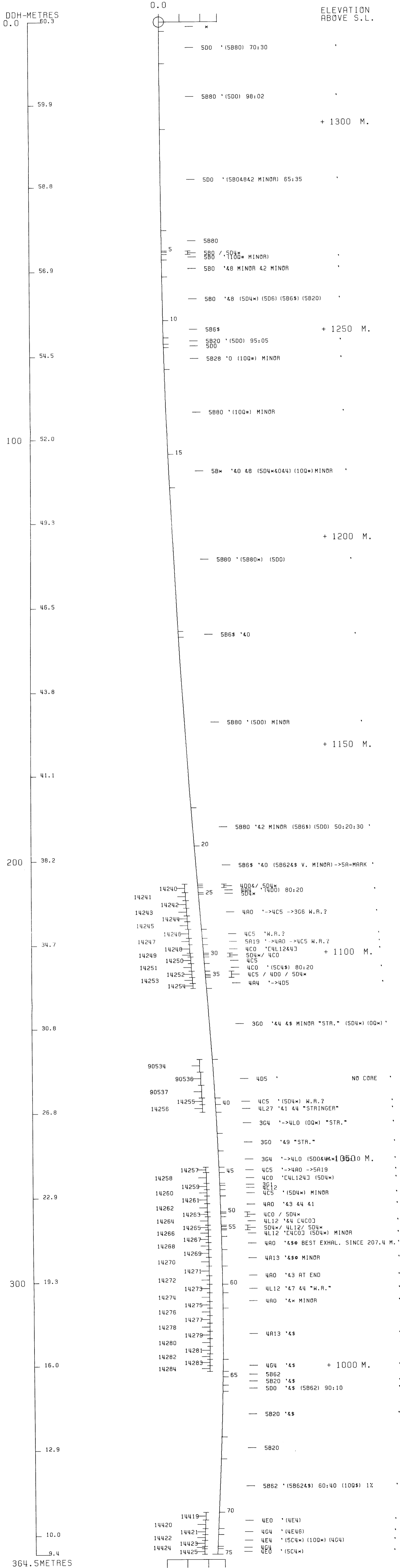
Structural Log

Date: _____ Logged By: _____

Code	From		To		Feature	S ₁ E	S ₀		S ₁		S ₂		Description
	10	14	16	20			Dip	Direct.	Dip	Direct.	Dip	Direct.	
		75		1125	ZBT	8							
		1125		1132	GB ₁								
		1132		1425	BT								
				1425	G								
		1490		1550	BIG	3							
		1555		165	F				09	900			
		165		181	ZB ₁								
		181		182	G								
		1837		1880	G				11	52			
		2116		2126	R								
		2348		2351	RG								
		2480		2528	ZB ₁								
		2725		277	B ₁								
		277		282	G	3							
				2850	IG								
		292		3015	SGP ₁								
		310		3165	G								
		334		3392	RIG								
		41055		4120	BIG					1152			
				4774	IG								
				5100	R ₁								
				5365	TS								
		5743		5980	IG								
		5980		6018	3G								
		608		610	IG								
		665		674	RIG								
				726	X ₁								
		750		751	G								
		755		763	M.P.								
		8141		841	NNN								
				9212	1150								
		11354		11365	G					1152			
		11460		11465	G					1152			
		11475		11480	G					1152			
		11490		11497	G					1152			

DDH: FAGA012 -- 42 DEGREE PROFILE
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1313 592079E ; 905198N
PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0
CORRECTED COLLAR POSITION: X = 499.7 Z = 1324.4
SECTION NAME: 82W



DDH: FAGA012 -- 42 DEGREE PROFILE

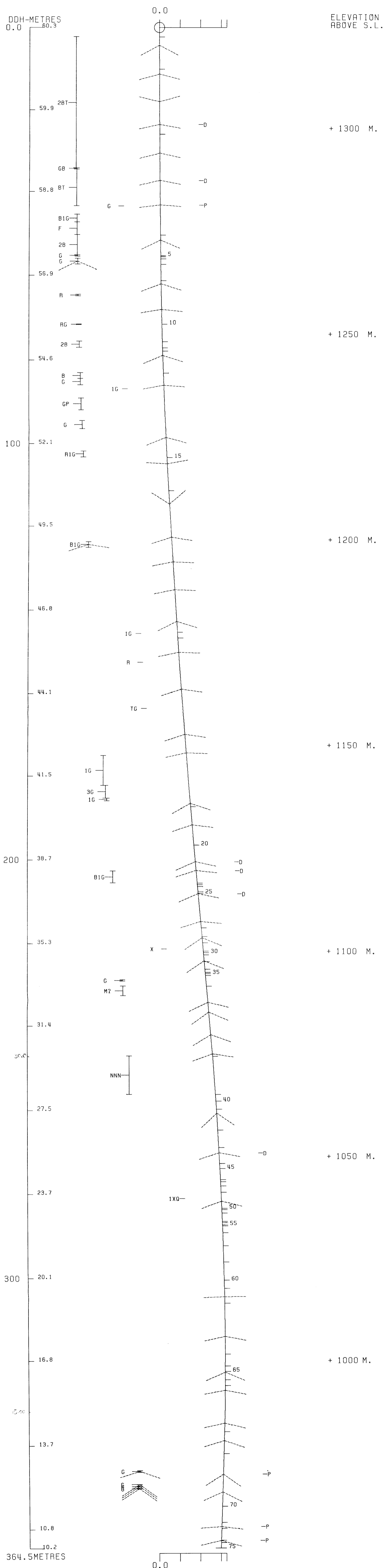
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1313 592079E ; 905198N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 499.7 Z = 1324.4

SECTION NAME: 82W



DRILL HOLE : FAGA022
NORTHING : 905,148.8
EASTING : 592,034.9
ELEVATION : 1,311.5
TOTAL DEPTH : 384.6
SECTION : W 84
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: 35
NOS DOWN-H-SURVEYS: 6
NOS DOWN-H-LITHOLOGY: 99
NOS DOWN-H-STRUCTURE: 52
NOS DOWN-H-FAULTS: 50
NOS DOWN-H-SPLINES: 6
NOS COMPOSITES: 0

17OCT83 GRUM

ORE SAMPLES & ASSAYS (DH020)

PAGE: 24

DDH: FAGA022 UTM-N: 905,148.8 UTM-E: 592,034.9 UTM-ELEV: 1,311.5 TOTAL DEPTH: 384.6 SECTION: W 84
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

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

17OCT83 GRUM

DOWN-HOLE SURVEYS (DH020)

PAGE: 25

DDH: FAGA022 UTM-N: 905,148.8 UTM-E: 592,034.9 UTM-ELEV: 1,311.5 TOTAL DEPTH: 384.6 SECTION: W 94
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	172.400	118.000
121.900	171.600	103.000
182.900	171.000	102.000
243.800	166.300	104.000
353.600	170.200	154.000

DDH: FAGA022 UTM-N: 905,148.8 UTM-E: 592,034.9 UTM-ELEV: 1,311.5 TOTAL DEPTH: 384.6 SECTION: W 84
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
1.8	0001	*		0.5-	1
14.9	0002	5808	&2 (10Q0&*)	0.5-	1
16.7	0003	5880	->5D0 (10Q*) 98:02	0.5-	1
21.2	0004	5880	&2 (10Q*)	0.5-	1
29.9	0005	5880	->5D0 (10Q*) 99:01	0.5-	1
32.4	0006	5320	(500) (5A0) 50:40:10	0.5-	1
38.3	0007	5D0	(10Q*)	0.5-	1
40.1	0008	5D0		0.5-	1
47.4	0009	580		0.5-	1
47.8	0010	5D0		0.5-	1
57.9	0011	580	(10Q*) 98:02	0.5-	1
58.7	0012	5D0	(10Q*)	0.5-	1
87.4	0013	580		0.5-	1
88.0	0014	5D0		0.5-	1
89.6	0015	580		0.5-	1
90.2	0016	5D0		0.5-	1
103.7	0017	580	(5880 MINOR)(10Q*) 1-2%	0.5-	1
104.4	0018	5880	->5D0	0.5-	1
111.5	0019	580	&8	0.5-	1
115.3	0020	580	&8 &8 (5D\$) MINOR	0.5-	1
115.9	0021	5826	\$	0.5-	1
119.5	0022	5A0\$	(5862\$&0) 80:20	0.5-	1
120.4	0023	5D4*	(5826\$) 90:10 (10Q*) MINOR	0.5-	1
121.4	0024	5826\$		0.5-	1
123.6	0025	5A0\$		0.5-	1
133.6	0026	5826\$	&0 (10Q*) 1-2%	0.5-	1
134.3	0027	5D4*		0.5-	1
133.2	0028	586\$		0.5-	1
143.0	0029	580	&\$	0.5-	1
150.1	0030	586\$	&2	0.5-	1
154.2	0031	5826\$		0.5-	1
154.6	0032	4E80		0.5-	1
156.7	0033	5826\$	&0	0.5-	1
157.1	0034	5D0		0.5-	1
159.1	0035	5826\$	&0 (5A0) 70:30	0.5-	1
165.2	0036	5D0	(5C#)(10Q03*) 40:30:30	0.5-	1
168.6	0037	586\$	&2	0.5-	1
172.4	0038	5A\$0	(5826\$&0)	0.5-	1
173.4	0039	5D4\$		0.5-	1
174.0	0040	5A\$	(582\$&0) (5D4*) 33:33:33	0.5-	1
174.8	0041	4E4	(4L0) 95:5	0.5-	1
179.5	0042	4L2	&1 &7 &4 (10Q03*) 5% "W.R."	0.5-	1
181.0	0043	5D4*	(5D0) (10Q*) 50%	0.5-	1
183.1	0044	4E4	(10Q*) (5D4*)	0.5-	1
183.2	0045	4L24		0.5-	1
184.5	0046	4D4	[4L244] NO CORE	0.5-	1
186.9	0047	4L4,17	->4C7 "W.R."?	0.5-	1
188.7	0048	4H2\$	(4L7)	0.5-	1
190.3	0049	5826\$	(5820)	0.5-	1
192.3	0050	5D0	(5880) (10Q*) 55:45	0.5-	1
202.8	0051	5880	(580)(500)(10Q*) TR.	0.5-	1

DDH: FAGA022 UTM-N: 905,148.8 UTM-E: 592,034.9 UTM-ELEV: 1,311.5 TOTAL DEPTH: 384.6 SECTION: W 84
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
206.7	0052	500	(5880) 75:25 (10Q0) TR.	0.5-	1
211.8	0053	5880	(500) 3% (10Q0) MINOR	0.5-	1
217.0	0054	5326\$	80 (504*) 98:2	0.5-	1
222.1	0055	5862	3% (10Q08\$)	0.5-	1
225.2	0056	5A\$	80 (10Q0) 90:10	0.5-	1
225.5	0057	4K0	8XA	0.5-	1
227.2	0058	5A\$0	(10Q0)(4C0) 8XA	0.5-	1
228.9	0059	4C0	(504*)(10Q*) 8XA	0.5-	1
229.9	0060	5C4*		0.5-	1
231.1	0061	4E4	(504*)(4D4 8XA) NO CORE	0.5-	1
234.4	0062	4E4	NO CORE	0.5-	1
238.7	0063	4A4	8XA NO CORE	0.5-	1
242.3	0064	4A4	NO CORE	0.5-	1
245.8	0065	4L124	->4C5 DOWN	0.5-	1
250.1	0066	4A0	83 84 ->4C5 UP	0.5-	1
252.4	0067	4E0	SOME CORE	0.5-	1
254.4	0068	4A4	NO CORE	0.5-	1
257.3	0069	4E4	NO CORE	0.5-	1
270.0	0070	5326\$	80 (5A0\$)(504*)(10Q03*)	0.5-	1
270.2	0071	10Q*	(4JD VEIN)	0.5-	1
270.5	0072	4G4		0.5-	1
274.8	0073	5862\$	(10Q0) 95:05	0.5-	1
275.3	0074	4A0	(504*) NO CORE	0.5-	1
277.0	0075	4D4	(4E4) NO CORE	0.5-	1
282.4	0076	5826	8\$(504\$)(5A\$)(10Q\$)30:40:10:20	0.5-	1
291.1	0077	5362	8\$(5A6)(500)	0.5-	1
299.6	0078	5880	8\$ 500(10Q#) 85:10:5	0.5-	1
304.0	0079	5820		0.5-	1
306.6	0080	500	(5880) 60:40	0.5-	1
317.9	0081	5A0	83 (5826)(500)(10Q#)	0.5-	1
339.5	0082	580	88 (500)(10Q*)(5820->5A0)	0.5-	1
342.9	0083	582\$	->5A\$ (5C*) (5069)	0.5-	1
344.3	0084	4E4	(4H4) (4L0) NO CORE	0.5-	1
344.9	0085	4G4	NO CORE	0.5-	1
345.6	0086	4E4	POROUS NO CORE	0.5-	1
349.2	0087	4A43	NO CORE	0.5-	1
354.8	0088	4G4	NO CORE	0.5-	1
355.2	0089	5C4*		0.5-	1
356.3	0090	4G4	(5C4*)	0.5-	1
357.1	0091	4L2		0.5-	1
357.7	0092	3G9\$		0.5-	1
358.5	0093	4L0		0.5-	1
361.3	0094	5362	8\$	0.5-	1
362.0	0095	4G4	(4E4) (5C*) 80:18:2	0.5-	1
362.3	0096	4L0	82	0.5-	1
370.6	0097	5362		0.5-	1
371.9	0098	506	(4H#8XA)(10Q*)(4L672)	0.5-	1
384.7	0099	5820	8\$ (500) (10Q*) 95:5:TR.	0.5-	1

DDH: FAGA022 UTM-N: 905,148.8 UTM-E: 592,034.9 UTM-ELEV: 1,311.5 TOTAL DEPTH: 384.6 SECTION: W 84
 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
FAGA022	0.0	3.4	CS2			0	0	0	0	80	230	0	0	0		1	1	1
FAGA022	0.0	11.9	CS2	D		0	0	0	0	77	230	0	0	0		1	1	1
FAGA022	0.0	20.3	CS2			0	0	0	0	60	230	0	0	0		1	1	1
FAGA022	0.0	27.1	CS2	D		0	0	0	0	75	230	0	0	0		1	1	1
FAGA022	0.0	31.5	PS2	P		0	0	0	0	85	230	0	0	0		1	1	1
FAGA022	0.0	37.5	PS2	P		0	0	0	0	30	230	0	0	0		1	1	1
FAGA022	0.0	47.7	CS2			0	0	0	0	70	230	0	0	0		1	1	1
FAGA022	0.0	52.3	CS2	D		0	0	0	0	75	230	0	0	0		1	1	1
FAGA022	0.0	60.5	CS2	D		0	0	0	0	55	230	0	0	0		1	1	1
FAGA022	0.0	71.3	CS2	D		0	0	0	0	72	230	0	0	0		1	1	1
FAGA022	0.0	77.6	CS2	D		0	0	0	0	77	230	0	0	0		1	1	1
FAGA022	0.0	85.8	CS2	D		0	0	0	0	80	230	0	0	0		1	1	1
FAGA022	0.0	91.3	CS2			0	0	0	0	70	230	0	0	0		1	1	1
FAGA022	0.0	97.1	CS2			0	0	0	0	80	230	0	0	0		1	1	1
FAGA022	0.0	102.7	CS2			0	0	0	0	80	230	0	0	0		1	1	1
FAGA022	0.0	108.4	CS2			0	0	0	0	85	230	0	0	0		1	1	1
FAGA022	0.0	111.4	PS2	P		0	0	0	0	90	230	0	0	0		1	1	1
FAGA022	0.0	118.6	CS2	D		0	0	0	0	80	230	0	0	0		1	1	1
FAGA022	0.0	126.5	CS2	D		0	0	0	0	82	230	0	0	0		1	1	1
FAGA022	0.0	132.3	CS2			0	0	0	0	75	230	0	0	0		1	1	1
FAGA022	0.0	143.3	CS2			0	0	0	0	70	230	0	0	0		1	1	1
FAGA022	0.0	146.3	CS2			0	0	0	0	80	230	0	0	0		1	1	1
FAGA022	0.0	150.3	CS2	D		0	0	0	0	60	230	0	0	0		1	1	1
FAGA022	0.0	158.5	CS2			0	0	0	0	84	230	0	0	0		1	1	1
FAGA022	0.0	167.3	CS2			0	0	0	0	78	230	0	0	0		1	1	1
FAGA022	0.0	170.8	CS2			0	0	0	0	72	230	0	0	0		1	1	1
FAGA022	0.0	177.5	PS2	P		0	0	0	0	80	230	0	0	0		1	1	1
FAGA022	0.0	189.0	CS2			0	0	0	0	75	230	0	0	0		1	1	1
FAGA022	0.0	194.8	CS2	D		0	0	0	0	72	230	0	0	0		1	1	1
FAGA022	0.0	200.9	PS2	P		0	0	0	0	70	230	0	0	0		1	1	1
FAGA022	0.0	206.0	CS2			0	0	0	0	72	230	0	0	0		1	1	1
FAGA022	0.0	214.0	CS2			0	0	0	0	80	230	0	0	0		1	1	1
FAGA022	0.0	221.7	CS2			0	0	0	0	75	230	0	0	0		1	1	1
FAGA022	0.0	242.9	CS2			0	0	0	0	78	230	0	0	0		1	1	1
FAGA022	0.0	247.2	PS2	P		0	0	0	0	70	230	0	0	0		1	1	1
FAGA022	0.0	249.9	PS2	P		0	0	0	0	60	230	0	0	0		1	1	1
FAGA022	0.0	260.0	CS2			0	0	0	0	55	230	0	0	0		1	1	1
FAGA022	0.0	266.1	CS2			0	0	0	0	50	230	0	0	0		1	1	1
FAGA022	0.0	272.8	CS2			0	0	0	0	60	230	0	0	0		1	1	1
FAGA022	0.0	282.6	CS2			0	0	0	0	55	230	0	0	0		1	1	1
FAGA022	0.0	286.8	CS2			0	0	0	0	35	230	0	0	0		1	1	1
FAGA022	0.0	294.3	CS2			0	0	0	0	75	230	0	0	0		1	1	1
FAGA022	0.0	302.7	CS2			0	0	0	0	80	230	0	0	0		1	1	1
FAGA022	0.0	309.7	CS2			0	0	0	0	75	230	0	0	0		1	1	1
FAGA022	0.0	315.8	CS2			0	0	0	0	65	230	0	0	0		1	1	1
FAGA022	0.0	324.3	CS2			0	0	0	0	75	230	0	0	0		1	1	1
FAGA022	0.0	332.8	CS2			0	0	0	0	70	230	0	0	0		1	1	1
FAGA022	0.0	338.6	PS2	P		0	0	0	0	78	230	0	0	0		1	1	1
FAGA022	0.0	360.6	PS2	P		0	0	0	0	70	230	0	0	0		1	1	1
FAGA022	0.0	368.8	CS2			0	0	0	0	70	230	0	0	0		1	1	1
FAGA022	0.0	375.8	CS2			0	0	0	0	60	230	0	0	0		1	1	1
FAGA022	0.0					0	0	0	0	75	230	0	0	0		1	1	1

17OCT83 GRUM

DOWN-HOLE STRUCTURE (DHQ20)

PAGE: 29

DDH: FAGA022 UTM-N: 905,148.8 UTM-E: 592,034.9 UTM-ELEV: 1,311.5 TOTAL DEPTH: 384.6 SECTION: W 84
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYTRY	S0 ANGLE	DIRECT	S1 ANGLE	DIRECT	S2 ANGLE	DIRECT	RFE	CDE	DHDC	SDC	PROCESS
FAGA022	0.0	383.4	CS2		0	0	0	0	90	230	0		1	1	1

DDH: FAGA022 UTM-N: 905,148.8 UTM-E: 592,034.9 UTM-ELEV: 1,311.5 TOTAL DEPTH: 384.6 SECTION: W 84
 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		
FAGA022	1.8	5.4	1B				0	0	0	1		
FAGA022	5.4	5.5	3B				0	0	0	1		
FAGA022	5.5	14.3	B				0	0	0	1		
FAGA022	16.5	21.1	B				0	0	0	1		
FAGA022	32.3	38.2	1Q				0	0	0	1		
FAGA022	38.2	40.0	G3F	3			0	0	0	1		
FAGA022	42.0	43.8	3GP				0	0	0	1		
FAGA022	44.8	45.1	GP				0	0	0	1		
FAGA022	45.3	46.6	3G				0	0	0	1		
FAGA022	0.0	51.2	1G				0	0	0	1		
FAGA022	0.0	55.7	1G				0	0	0	1		
FAGA022	67.9	70.7	G				0	0	99	999	1	
FAGA022	0.0	73.4	1G				0	99	999	0	1	
FAGA022	85.5	86.7	1G				0	0	0	0	1	
FAGA022	0.0	90.8	1G				0	99	999	0	1	
FAGA022	0.0	102.1	1G				0	99	999	0	1	
FAGA022	104.3	104.4	G				0	99	999	0	1	
FAGA022	114.6	114.6	2BG				0	99	999	0	1	
FAGA022	0.0	115.5	1G				0	99	999	0	1	
FAGA022	0.0	116.0	1G				0	99	999	0	1	
FAGA022	0.0	120.2	1G				0	99	999	0	1	
FAGA022	121.3	121.9	BG				0	0	0	0	1	
FAGA022	121.9	122.2	S				0	0	0	0	1	
FAGA022	122.2	122.8	G3F				0	0	0	0	1	
FAGA022	122.8	123.5	BG				0	0	0	0	1	
FAGA022	134.2	136.7	3GF				0	0	0	0	1	
FAGA022	0.0	140.2	QX				0	0	0	0	1	
FAGA022	149.0	149.6	QF				0	0	0	0	1	
FAGA022	160.4	161.3	RM?	0			0	0	0	0	1	
FAGA022	162.1	162.4	R				0	0	0	0	1	
FAGA022	167.8	168.1	1F				99	999	30	99	999	1
FAGA022	173.9	179.5	G				0	99	999	0	1	
FAGA022	180.9	184.4	NNN				0	0	0	0	1	
FAGA022	186.9	188.6	D				0	0	0	0	1	
FAGA022	0.0	195.9	GB				0	99	999	0	1	
FAGA022	0.0	200.4	1G				0	99	999	0	1	
FAGA022	0.0	201.9	B				0	0	0	0	1	
FAGA022	211.7	221.8	2B				0	0	0	0	1	
FAGA022	221.8	222.9	G				0	99	999	0	1	
FAGA022	223.4	224.0	G				0	99	999	0	1	
FAGA022	224.8	225.0	G				0	99	999	0	1	
FAGA022	225.0	227.1	XQB				0	0	0	0	1	
FAGA022	227.1	229.8	DX?				0	0	0	0	1	
FAGA022	229.8	242.3	NNN				0	0	0	0	1	
FAGA022	249.9	257.3	NNN				0	0	0	0	1	
FAGA022	257.7	258.1	G				0	99	999	0	1	
FAGA022	269.9	270.2	D				0	0	0	0	1	
FAGA022	274.7	278.8	NNN				0	0	0	0	1	
FAGA022	342.4	342.7	G				0	0	0	0	1	
FAGA022	342.9	354.3	NNN				0	0	0	0	1	

17OCT83 GRUM

DOWN-HOLE SPLINES (OH020)

PAGE: 31

DDH: FAGA022 UTM-N: 905,148.8 UTM-E: 592,034.9 UTM-ELEV: 1,311.5 TOTAL DEPTH: 384.6 SECTION: W 84
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

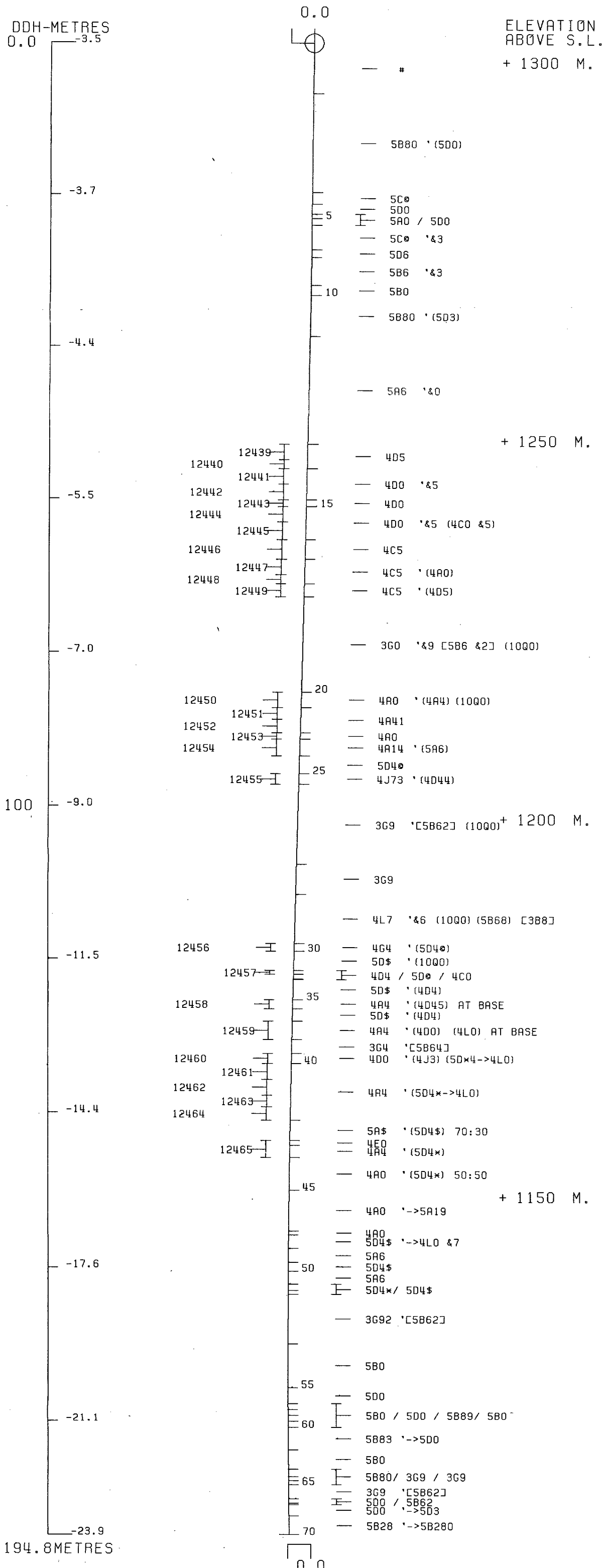
DDH . SEGMENT NOS COND INDICATOR

FAGA022	1	2
FAGA022	2	2
FAGA022	3	2
FAGA022	4	2
FAGA022	5	2
FAGA022	6	1

DDH: FAGA228 -- 42 DEGREE PROFILE

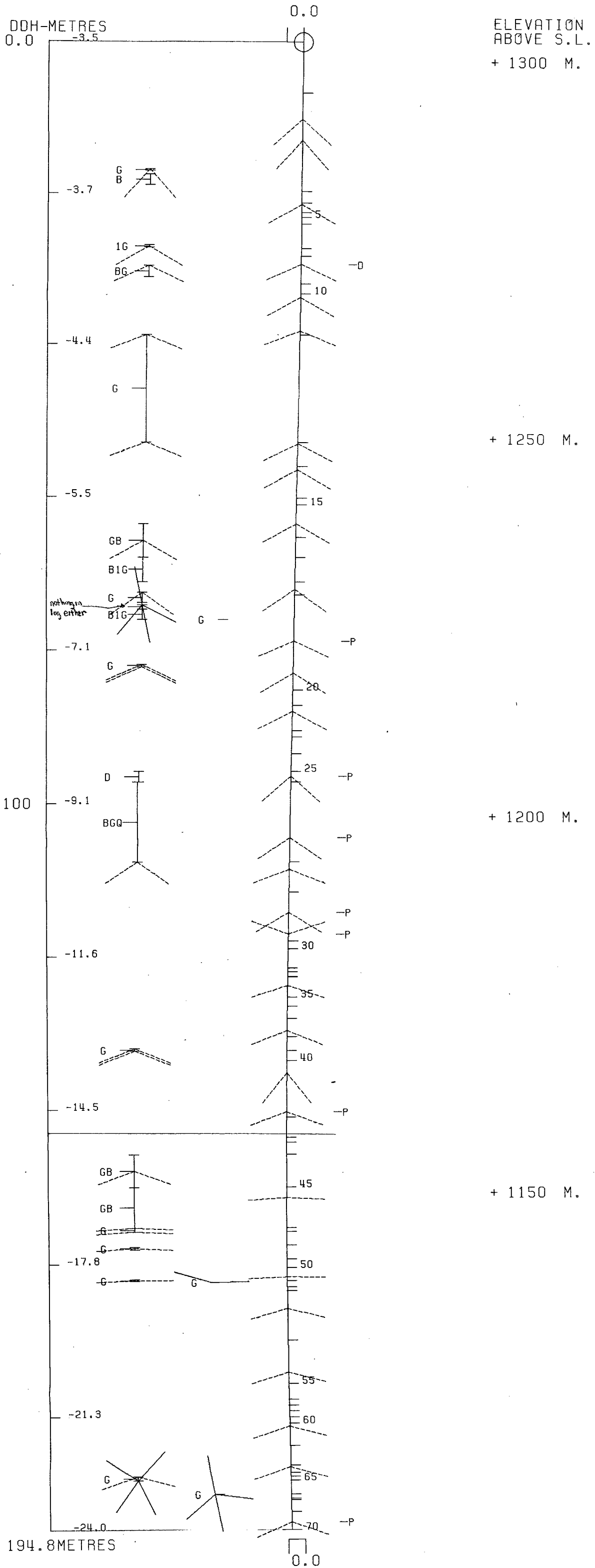
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1303 592286E ; 905332N
 PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0
 CORRECTED COLLAR POSITION: X = 738.3 Z = 1302.5
 SECTION NAME: 82W



DDH: FAGA228 -- 42 DEGREE PROFILE (VIEW AZIMUTH = 312 DEGREES)

ELEV: 1303 592286E ; 905332N
 PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0
 CORRECTED COLLAR POSITION: X = 738.3 Z = 1302.5
 SECTION NAME: 82W



228

DRILL HOLE : FAGA228
NORTHING : 905,332.1
EASTING : 592,286.3
ELEVATION : 1,303.2
TOTAL DEPTH : 194.8
SECTION : W 82
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: 27
NOS DOWN-H-SURVEYS: 4
NOS DOWN-H-LITHOLOGY: 70
NOS DOWN-H-STRUCTURE: 31
NOS DOWN-H-FAULTS: 23
NOS DOWN-H-SPLINES: 4
NOS COMPOSITES: 0

17OCT83 GRUM

ORE SAMPLES & ASSAYS (DHO20)

PAGE: 2

DDH: FAGA228 UTM-N: 905,332.1 UTM-E: 592,286.3 UTM-ELEV: 1,303.2 TOTAL DEPTH: 194.8 SECTION: W 82
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

---DEPTHS---		SAMPLE NO.	INT.	REC.	ROCK UNIT	S.G. PULP	ASSAYS													S.G. W.R.
FROM	TO						CU %	PB %	ZN %	AG(CAA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	
52.8	54.8	12439	2.0	1.9	4D5	2.85	.02	2.02	5.76	40.00		.20	1		1					
54.8	56.0	12440	1.2	1.0	4D5	2.87	.04	1.82	6.54	46.00		.20	1		1					
56.0	58.0	12441	2.0	1.9	4D0	2.87	.02	2.08	5.76	41.00		.27	1		1					
58.0	60.1	12442	2.1	2.1	4D0	2.91	.05	3.24	6.48	46.00		.40	1	1	2					
60.1	61.0	12443	.9	.9	4D0	2.99	.08	3.52	2.41	45.00		.75	1	5	6					
61.0	63.0	12444	2.0	1.4	4D0	2.93	.04	2.95	3.16	38.00		.89		2	3					
63.0	65.3	12445	2.3	1.8	4D0	2.91	.05	2.64	5.36	40.00		.40	1	2	4					
65.3	67.9	12446	2.6	2.0	4C5	2.93	.07	1.41	3.24	24.00		.47	1	4	5					
67.9	69.9	12447	2.0	1.5	4CA	2.83	.05	1.11	2.64	20.00		.47		2	3					
69.9	71.1	12448	1.2	.7	4CA	2.87	.04	.88	2.64	17.00		.40		3	4					
71.1	72.8	12449	1.7	1.6	4C5	2.87	.05	1.20	2.50	18.00		.47	1	3	4					
85.2	87.2	12450	2.0	2.0	4A0		.02	.36	.72	9.00										
87.2	88.7	12451	1.5	1.4	4A1	3.12	.02	1.58	2.75	33.00		.40	2	7	10					
88.7	90.5	12452	1.8	1.8	4A41	3.20	.02	3.85	6.59	86.00		.55	2	7	9					
90.5	91.3	12453	.8	.7	4A0	3.29	.02	1.88	2.14	35.00		.01	1	11	13					
91.3	93.5	12454	2.2	2.0	4A14	3.25	.02	2.75	4.25	58.99		.20	2	8	10					
95.8	97.2	12455	1.4	1.4	4J07	4.01	.05	12.90	22.69	369.00		1.23	12	3	16					
118.0	119.0	12456	1.0	.9	4G4	4.23	.10	6.33	9.11	116.99		1.37	3	23	26					
121.5	122.0	12457	.5	.5	4D4		.05	7.36	7.25	105.00										
125.3	126.5	12458	1.2	1.2	4A4	3.29	.04	4.69	10.30	78.00		.89	2	8	10					
128.1	130.5	12459	2.4	2.3	4A4	3.31	.02	2.79	6.62	54.00		.75	2	7	10					
132.3	133.6	12460	1.3	1.3	4D0	3.33	.02	3.16	6.79	67.00		.40	3	8	12					
133.6	135.7	12461	2.1	2.1	4A4	3.27	.02	2.14	5.13	42.00		.55	2	11	13					
135.7	137.7	12462	2.0	2.0	4A4	3.62	.02	3.83	8.50	86.00		1.10	1	16	18					
137.7	139.2	12463	1.5	1.5	4A0	3.45	.02	1.44	3.31	31.99		.01	2	17	19					
139.2	141.0	12464	1.8	1.7	4A4	3.25	.02	2.45	4.99	42.00		.55		11	11					
143.6	145.8	12465	2.2	2.0	4AE	3.08	.02	1.73	4.19	28.99		.47	3	4	7					
WEIGHTED AVERAGE																				
52.8	72.8		20.0	16.8		2.89	.04	2.07	4.32	33.78		.44	1	2	3					
35.2	93.5		3.3	7.9		2.44	.02	2.12	3.44	45.79		.24	1	6	8					
95.8	97.2		1.4	1.4		4.01	.05	12.90	22.69	369.00		1.23	12	3	16					
118.0	119.0		1.0	.9		4.23	.10	6.33	9.11	116.99		1.37	3	23	26					
121.5	122.0		.5	.5			.05	7.36	7.25	105.00										
125.3	126.5		1.2	1.2		3.29	.04	4.69	10.30	78.00		.89	2	8	10					
128.1	130.5		2.4	2.3		3.31	.02	2.79	6.62	54.00		.75	2	7	10					
132.3	141.0		8.7	3.6		3.39	.02	2.62	5.81	54.12		.56	2	13	15					
143.6	145.8		2.2	2.0		3.08	.02	1.73	4.19	28.99		.47	3	4	7					

17OCT83 GRUM

DOWN-HOLE SURVEYS (DH020)

PAGE: 3

DDH: FAGA228 UTM-N: 905,332.1 UTM-E: 592,286.3 UTM-ELEV: 1,303.2 TOTAL DEPTH: 194.3 SECTION: W 82
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
67.700	175.500	149.000
128.700	171.500	141.000
189.600	169.000	127.000

17OCT83 GRUM

DOWN-HOLE LITHOLOGY (DH020)

PAGE: 4

DDH: FAGA228 UTM-N: 905,332.1 UTM-E: 592,236.3 UTM-ELEV: 1,303.2 TOTAL DEPTH: 194.8 SECTION: W 82
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
5.7	0001	#		0.5-	1
19.7	0002	5880	(500)	0.5-	1
21.2	0003	5C@		0.5-	1
22.5	0004	500		0.5-	1
23.1	0005	5A0	(500) 70:30	0.5-	1
24.0	0006	500		0.5-	1
27.2	0007	5C@	&3	0.5-	1
28.2	0008	506		0.5-	1
31.9	0009	536	&3	0.5-	1
33.2	0010	580		0.5-	1
33.7	0011	5880	(503)	0.5-	1
32.8	0012	5A6	&0	0.5-	1
56.0	0013	4D5		0.5-	1
60.1	0014	400	&5	0.5-	1
61.0	0015	400		0.5-	1
65.3	0016	400	&5 (4C0 &5)	0.5-	1
67.9	0017	4C5		0.5-	1
71.1	0018	4C5	(4A0)	0.5-	1
72.8	0019	4C5	(4D5)	0.5-	1
85.2	0020	3G0	&9 [586 &2] (10Q0)	0.5-	1
87.2	0021	4A0	(4A4)(10Q0)	0.5-	1
90.5	0022	4A41		0.5-	1
91.3	0023	4A0	(4E0)	0.5-	1
93.5	0024	4A14	(5A6)	0.5-	1
95.8	0025	5D4@		0.5-	1
97.2	0026	4J73	(4D44)	0.5-	1
107.7	0027	3G9	[5862] (10Q0)	0.5-	1
111.6	0028	3G9		0.5-	1
118.0	0029	4L7	&6 (10Q0)(5868) [388]	0.5-	1
119.0	0030	4G4	(5D4@)	0.5-	1
121.5	0031	5D\$	(10Q0)	0.5-	1
122.0	0032	4D4	(5D*) 50:50	0.5-	1
122.6	0033	5D@	&4	0.5-	1
122.7	0034	4C0		0.5-	1
125.3	0035	5D\$	(4D4)	0.5-	1
126.5	0036	4A4	(4D45) AT BASE	0.5-	1
128.1	0037	5D\$	(4D4)	0.5-	1
130.5	0038	4A4	(4D0) (4L0) AT BASE	0.5-	1
132.3	0039	3G4	[5864]	0.5-	1
133.6	0040	4D0	(4J3)(5D*4->4L0)	0.5-	1
141.0	0041	4A4	(5D4*->4L0)	0.5-	1
143.6	0042	5A\$	(5D4\$) 70:30	0.5-	1
144.2	0043	4E0	(4L0) TOP AND BOTTOM	0.5-	1
145.8	0044	4A4	(5D4*)	0.5-	1
150.0	0045	4A0	(5D4*) 50:50	0.5-	1
155.3	0046	4A0	->5A19	0.5-	1
155.8	0047	4A0	->5A19	0.5-	1
157.6	0048	5D4\$	->4L0 &7	0.5-	1
159.4	0049	5A6		0.5-	1
160.5	0050	5D4\$		0.5-	1
162.2	0051	5A6		0.5-	1

170CT83 GRUM

DOWN-HOLE LITHOLOGY (DH020)

PAGE: 5

DDH: FAGA228 UTM-N: 905,332.1 UTM-E: 592,286.3 UTM-ELEV: 1,303.2 TOTAL DEPTH: 194.8 SECTION: W 82
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
163.0	0052	504*	(5A6) 60:40	0.5-	1
163.5	0053	504\$		0.5-	1
169.9	0054	3G92	[5862]	0.5-	1
175.6	0055	580		0.5-	1
177.7	0056	500		0.5-	1
178.5	0057	580	->583	0.5-	1
179.3	0058	500		0.5-	1
180.1	0059	5889	&3	0.5-	1
180.9	0060	580	(5832)(506)	0.5-	1
183.9	0061	5883	->500	0.5-	1
186.4	0062	580		0.5-	1
187.3	0063	5880	->500	0.5-	1
187.8	0064	3G9	[5862]	0.5-	1
188.3	0065	3G9		0.5-	1
190.1	0066	3G9	[5862]	0.5-	1
190.7	0067	500	(58820)	0.5-	1
190.9	0068	5862	&3 [3G9 &3]	0.5-	1
192.4	0069	500	->503	0.5-	1
194.8	0070	5828	->58280	0.5-	1

17OCT83 GRUM

DOWN-HOLE STRUCTURE (DH020)

PAGE: 6

DDH: FAGA228 UTM-N: 905,332.1 UTM-E: 592,286.3 UTM-ELEV: 1,303.2 TOTAL DEPTH: 194.8 SECTION: W 82
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	SD ANGLE DIRECT	S1 ANGLE DIRECT	S2 ANGLE DIRECT	RFE	CDE	DHDC	SDC	PROCESS	
FAGA228	0.0	10.2	CS2		0	0	0	48	230	0	1	1	1
FAGA228	0.0	13.0	CS2		0	0	0	42	230	0	1	1	1
FAGA228	0.0	21.4	CS2		0	0	0	60	230	0	1	1	1
FAGA228	0.0	29.3	CS2	D	0	0	0	65	230	0	1	1	1
FAGA223	0.0	33.7	CS2		0	0	0	60	230	0	1	1	1
FAGA228	0.0	38.2	CS2		0	0	0	68	230	0	1	1	1
FAGA223	0.0	53.0	CS2		0	0	0	63	230	0	1	1	1
FAGA228	0.0	56.4	CS2		0	0	0	60	230	0	1	1	1
FAGA228	0.0	63.5	CS2		0	0	0	60	230	0	1	1	1
FAGA223	0.0	72.1	CS2		0	0	0	55	230	0	1	1	1
FAGA228	0.0	78.8	PS2	P	0	0	0	65	230	0	1	1	1
FAGA228	0.0	83.0	CS2		0	0	0	58	230	0	1	1	1
FAGA228	0.0	88.0	CS2		0	0	0	62	230	0	1	1	1
FAGA228	0.0	96.4	PS2	P	0	0	0	48	230	0	1	1	1
FAGA228	0.0	104.5	PS2	P	0	0	0	55	230	0	1	1	1
FAGA228	0.0	108.7	CS2		0	0	0	68	230	0	1	1	1
FAGA223	0.0	114.3	PS2	P	0	0	0	58	230	0	1	1	1
FAGA223	0.0	117.1	PS2	P	0	0	0	70	230	0	1	1	1
FAGA228	0.0	123.8	CS2		0	0	0	70	230	0	1	1	1
FAGA228	0.0	129.7	CS2		0	0	0	67	230	0	1	1	1
FAGA228	0.0	135.2	CS2		0	0	0	39	230	0	1	1	1
FAGA228	0.0	140.3	PS2	P	0	0	0	68	230	0	1	1	1
FAGA228	0.0	151.4	CS2		0	0	0	80	230	0	1	1	1
FAGA228	0.0	154.8	CS2		0	0	0	88	230	0	1	1	1
FAGA228	0.0	161.7	CS2		0	0	0	80	230	0	1	1	1
FAGA228	0.0	165.8	CS2		0	0	0	72	230	0	1	1	1
FAGA228	0.0	171.2	CS2		0	0	0	90	230	0	1	1	1
FAGA223	0.0	174.1	CS2		0	0	0	71	230	0	1	1	1
FAGA228	0.0	181.3	CS2		0	0	0	70	230	0	1	1	1
FAGA228	0.0	186.6	CS2		0	0	0	70	230	0	1	1	1
FAGA228	0.0	193.8	PS2	P	0	0	0	66	230	0	1	1	1

17OCT83 GRUM

DOWN-HOLE FAULTS (DHO20)

PAGE: 7

DDH: FAGA228 UTM-N: 905,332.1 UTM-E: 592,286.3 UTM-ELEV: 1,303.2 TOTAL DEPTH: 194.8 SECTION: W 82
 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			
FAGA228	16.8	17.0	G				99	999	0	0	1		
FAGA228	17.5	18.9	B				0	0	0	0	1		
FAGA228	26.8	27.1	1G				0	0	99	999	1		
FAGA228	29.5	31.0	3G				99	999	0	0	1		
FAGA228	38.7	52.8	G				99	999	0	0	999	1	
FAGA228	63.5	67.9	GB				0	0	99	999	0	1	
FAGA228	67.9	71.1	B1G				0	0	0	0	0	1	
FAGA228	72.5	73.8	G				99	999	0	0	0	1	
FAGA228	74.1	74.7					25	300	0	0	0	1	
FAGA228	74.7	76.0	B1G				0	0	0	0	0	1	
FAGA228	0.0	76.0	G				0	0	0	0	0	1	
FAGA228	81.9	82.2	G				99	999	0	0	99	999	1
FAGA228	95.8	97.2	D				0	0	0	0	0	0	1
FAGA228	97.2	107.7	B3Q				0	0	0	0	99	999	1
FAGA228	132.0	132.3	G				99	999	0	0	99	999	1
FAGA228	145.8	150.0	GB				0	0	99	999	0	0	1
FAGA228	150.0	155.3	GB				0	0	0	0	0	0	1
FAGA228	155.3	155.8	G				99	999	0	0	99	999	1
FAGA228	157.8	158.1	G				0	0	99	999	0	0	1
FAGA228	162.0	162.2	G				0	0	99	999	0	0	1
FAGA228	0.0	162.4	G				0	0	50	180	0	0	1
FAGA228	187.8	188.3	G				99	999	0	0	25	90	1
FAGA228	0.0	190.1	G				0	0	50	40	0	0	1

17OCT83 GRUM

DOWN-HOLE SPLINES (DH020)

PAGE: 8

DDH: FAGA228 UTM-N: 905,332.1 UTM-E: 592,286.3 UTM-ELEV: 1,303.2 TOTAL DEPTH: 194.8 SECTION: W 82
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH SEGMENT NOS COND INDICATOR

FAGA228	1	2
FAGA228	2	2
FAGA228	3	2
FAGA223	4	1

CYPRUS ANVIL MINING CORPORATION
DIAMOND DRILL CORE LOG

Page 1 of 8

Date: 20, June, 1982

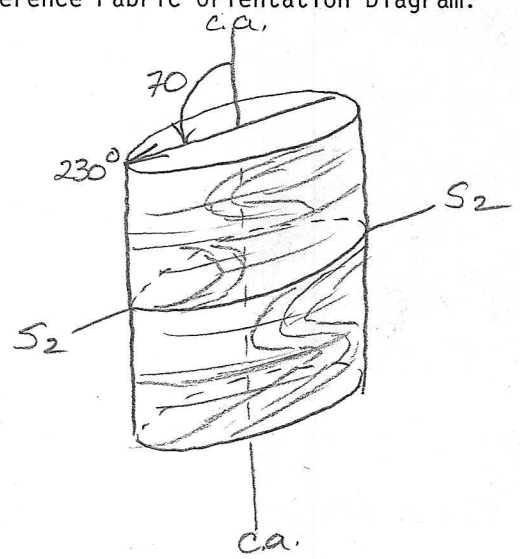
Hole Number: FAGA 228 (82-A-228)

Reference Fabric Orientation Diagram:

Project: Grum Deposit 1982

Location: Vangorda Plateau 105K-3

Claim: Grum 2



UTM Terr. Plane Co-ords.: 6905332.097 N

CAMC Mine Survey Co-ords.: 592286.339 E

Grid Co-ords: L 82+00W

12+00N

All symmetry determinations looking

CAMC Mine Survey Elevation: 1303.205

NW with S2 dipping

Total Depth: 194 m.

SW with dip azimuth 230.

was 295 in 1982

Purpose: Test NW extent F₁ antiformal hinge NW of 80W for open pit

Reason hole Terminated: Found sulfides on both fold limbs

Logged by: RST/DSJ/GAT

Date(s) Logged: 20 June, 1982

Drilling Contractor: Arctic

Size	CORE From	To	Collar Cased and Capped:
<u>NQ</u>	<u>0</u>	<u>194</u>	<u>No</u>
_____	_____	_____	
_____	_____	_____	

Hole Cemented: No

Steel down hole: No

Started: _____ Completed: 18 June, 1982

DDH FAGA 228
2 8

Diamond Drill Core Log Date: 20 June Logged By: RST/DSJ/GAT

Code	Drillhole	Elevation	Northing	Easting	Units (feet/metres)	R.F.E
I	2 8 10 16 17 24 25 32 34 39 41 42					
T	<u>FAGA 228</u>	<u>11303.29</u>	<u>05332.01</u>	<u>1592286.3</u>	<u>METERS</u>	<u>52</u>

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
I	2 8 10 14 22 26 28 32 34 56				
R	<u>FAGA 228</u>	<u>00</u>	<u>180.0</u>	<u>0.0</u>	<u>AT COLLAR</u>
R	<u>FAGA 228</u>	<u>677</u>	<u>175.5</u>	<u>149.0</u>	<u>SPERRY SUN SINGLE SHOT</u>
R	<u>FAGA 228</u>	<u>1287</u>	<u>171.5</u>	<u>141.0</u>	
R	<u>FAGA 228</u>	<u>1896</u>	<u>169.0</u>	<u>127.0</u>	

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

DDH F.A.G.A.228
2 8

Cyprus Anvil Mining Corp.

Lithologic Log

Date: 20 June 82 Logged By: RST/DSJ/GT

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	00	067		1	*	overburden ← looks more like SDO when dry
L	067	197		2	S.B.8.0	(SDO) tx - unit real fence siltier from S.B.8 to SDO 16.8-17.0 gauge upper 11 S ₂ lower ind
L	197	212		3	SC*	ank 17.5-18.9 cone broken thought upper/lower ind
L	212	225		4	SDO	
L	225	231		5	S.A.0	(SDO) 70:30
L	231	240		6	SDO	
L	240	272		7	SC*	ank ±3 incipient gauge 11 S ₂ 26.8-27.1
L	272	282		8	S.D.6	
L	282	319		9	S.B.6	±3 broken core and gauge from 29.5-31.0 upper probably 11 S ₂ lower ind
L	319	332		10	S.B.0	
L	332	387		11	S.B.8.0	(SD3) well bedded (cf. unit 2) transitional to SF
L	387	528		12	S.A.6	±0 (GOUGE with clasts of 4DS, 4L0, 4A# - 4D towards top, 4C clasts towards middle and 4A towards base. - all ore facies clearly clasts within this gauge zone. upper contact 11 S ₂ lower 11 S ₂ but probable artifact S ₂ in clasts variable from subvert through subhoriz. S ₂ steepens to subvertical from 43.5 to 49.0
L	528	560		13	4.D.4.5	may just be 4DS
L	560	601		14	4.D.0	±5
L	601	610		15	4.C.9	
L	610	653		16	4.D.0	±5 (400±5)
L	653	679		17	4.C.5	'GOUGE and broken core - looks like overall gauge development sub 11 S ₂ top bottom interval.
L	679	711		18	4.C.5	(4A0) minor interval broken through - minor gauge zones uninterpretable - largely washed away
L	711	728		19	4.C.5	(4D5)
L	728	852		20	3.6.0	±9 [586±27] (090) gauge intervals at 72.5-73.8 upper 11 S ₂ (artificial?) lower ind get feeling steeper than S ₂ but ???

52.8-72.8
20 m

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
						and 74.1 - 74.7 upper contact 25/300? lower ind. - core broken and incipient ly gouged to 76.0, gouge at 76.0 // S ₂ 81.982.2 = gouge, upper + lower sub // S ₂
L	8.52	8.72		21	4A0	(4A4)(000)
L	8.72	9.05		22	4A4.1	
L	9.05	9.13		23	4A0	(4E0)
L	9.13	9.35		24	4A14	(5A6)
L	9.35	9.58		25	5D4*	ank
L	9.58	9.72		26	4J73	(4D44) ultra high grade interval with rotated floating 4D4 clasts in 4J73 matrix - steep banding at 30° to core axis suggests this to be a thin interval! - possible fold hinge.
L	9.72	10.77		27	3G9	[5B62](000) entire interval broken gouged and quartz veined. contact at start of interval. at 25° to CA. (= // S ₂ ???) lower contact marked by // S ₂ gouge - internal core is broken and rotated separate fragments. minor 4D fragments in gouge 99.1-99.3 (broken interval is ~25% 000)
L	10.77	11.16		28	3G9	as above but intact
L	11.16	11.80		29	4L7	±6 (000)(5B68)[3G8]
L	11.80	11.90		30	4G4	(5D4* ank.); thin high grade band w/ tuff interlayers; 1.2cm 4H0 band @ top of interval
L	11.90	12.15		31	5D4*	dol. (000); strongly banded
L	12.15	12.20		32	4D4	(50*) subequal amounts
L	12.20	12.26		33	5D4*	ank ± 4 toward base, minor "fuchsite"
L	12.26	12.27		34	4G9	
L	12.27	12.53		35	5D4*	dolomitic; 3cm 4D4 band @ 123.6m
L	12.53	12.65		36	4A4	(4D4S) @ base
L	12.65	12.81		37	5D4*	dolomitic; 2cm 4D4 band @ 127.8m
L	12.81	13.05		38	4A4	(4D0) toward base; coaly rilline dolomite py vein sub // S ₂ 128.4-128.9; (4L0) toward base

Lithologic Log

Date: 20 June 82 Logged By: DST/RST/GAT

Code	From				To				Recov.	No.	Unit	Description
	10	14	16	20	22	24	26	28				
L	1305		1323							39	3G4	[5B64] grading into weak 4L0 @ top and bottom of interval; gauge 11S ₂ top & bottom 132.0 - 132.51
L	1323		1386							40	4D0	(4J3) (5D4* → 4L0)
L	1336		1410							41	4A4	with many 5D4* → 4L0 interbands as follows: 135.3-135.7; 137.7-138.1 139.0-139.2; 140.3-140.6; entire sequence from 118.0-141.0 shows clearly the contemporaneous accumulation of 4 and 5D presumed metatuffs; contacts between 5D & 4 are universally sharp over this interval
L	1410		1436							42	5A*	dol. (5D4*) 70:30
L	1436		1442							43	4E0	rounded top & bottom by .05 m 4L0
L	1442		1458							44	4A4	1 3cm 5D4* band
L	1458		1500							45	4A0	(5D4*) 50:50; interval of gouged & broken core; 4A0 v. low grade ⇒ 5A6/9 gouge dominantly 11S ₂ but could be artifact.
L	1500		1553							46	4A0	⇒ 5A19 but clearly 4A0 1-2%; interval of broken and gouged core; gouges indeterminate
L	1553		1558							47	4A0	⇒ 5A19 gouge; upper & lower contacts ≈ 11S ₂
L	1558		1574							48	5D4*	⇒ 4L±7; good example of carbonated (dol.) 5D @ top of unit being progressively converted thru 4L6 to 4L0±7
L	1574		1594							49	5A6	S ₂ 11 gouge 157.8-158.1
L	1594		1605							50	5D4*	dol.
L	1605		1622							51	5A6	gouge 11S ₂ 162.0-162.2
L	1622		1630							52	5D4*	(5A6) 60:40 interbanded 5D4* gouged @ top 50°/180 @ 162.4
L	1630		1635							53	5D4*	dol.
L	1635		1699							54	3B9.2	[5B62] prev. S ₂ foliated
L	1699		1756							55	5B0	wholly but consistently calc. w/ macro-lithic strom

Lithologic Log

Date: 20 June 82 Logged By: DSJ/RST/GAT

Code	From				To				Recov.	No.	Unit	Description
	10	14	16	20	22	24	26	28				
L	1756			1777						56	5D9	
L	1777			1785						57	5B0	→ 5B3 very calcareous
L	1785			1793						58	5D0	
L	1793			1801						59	5B89	±3; m. gray green, var. but w/lsly calc. phyll w/ micro laminae of ZnS
												11 S ₂ for most of unit (upper 2/3)
L	1801			1809						60	5B0	(5B3, 5D6)
L	1809			1839						61	5B83	⇒ 5D0
L	1839			1864						62	5B0	
L	1864			1873						63	5B80	⇒ 5D0 w/lsly calc.
L	1873			1878						64	3G9	[5B62]
L	1878			1883						65	3G9	gouge; upper 11 S ₂ lower 25°/90
L	1883			1901						66	3G9	[5B62] 5 cm gouge @ base of interval 50°/40
L	1901			1907						67	5D0	(5B820)
L	1907			1909						68	5B62	±3 [3G9±3]
L	1909			1924						69	5D0	→ 5D3
L	1924			1948						70	5B28	→ 5B280 w/lsly calc.; w/lsly devel. ^d calc. macroolithons

DDH FAG A 228
2 8

Cyprus Anvil Mining Corp.

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Structural Log

Date: 20 June 82 Logged By: DST/BAT

Code	From				To				Feature	E S	S ₀		S ₁		S ₂		Description
	10	14	16	20	22	24	26	28			Dip	Direct.	Dip	Direct.	Dip	Direct.	
S				110	2	CS2								48	2310		
S				113	0	CS2								42			
S				121	4	CS2								60			
S				129	3	CS2								65		DD	
S				133	7	CS2								60			
S				138	2	CS2								68			
S				153	0	CS2								63			
S				156	4	CS2								60			
S				163	5	CS2								60			
S				172	1	CS2								55			
S				178	8	INDP								65			
S				183	0	CS2								58			
S				188		CS2								62			
S				196	4	INDP								48			
S				1104	5	INDP								55			
S				1108	7	CS2								68			
S				1114	3	INDP								58			
S				1117	1	INDP								70			
S				1123	8	CS2								70			
S				1129	7	CS2								67			
S				1135	2	CS2								38			
S				1140	3	INDP								68			
S				1151	4	CS2								80			
S				1154	8	CS2								88			
S				1161	7	CS2								80			
S				1165	8	CS2								72			
S				1171	2	CS2								90			
S				1174	1	CS2								71			
S				1181	3	CS2								70			
S				1186	6	CS2								70			
S				1193	8	INDP								66			

ASSAY LOG (SAMPLER'S COPY)

CODE	FROM		TO		SAMPLE		INTR.		REC (m)		UNIT		DESCRIPTION
	10	14	16	20	22	26	28	30	32	34	36	40	
P	152	8	154	8	12439		20		19		4D45		to 4D05
P	154	8	156	0	12440		12		10		4D45		to 4D05
P	156	0	158	0	12441		20		19		4D01		±5
P	158	0	160	1	12442		21		21		4D01		±5
P	160	1	161	0	12443		09		09		4C01		
P	161	0	163	0	12444		20		14		4D01		±5(4C0±5)
P	163	0	165	3	12445		23		18		4D01		±5(4C0±5)
P	165	3	167	9	12446		24		20		4C51		Gouge & broken core
P	167	9	169	9	12447		20		15		4C51		(4A0) minor; broken, minor gouge
P	169	9	171	1	12448		12		07		4C51		
P	171	1	172	8	12449		17		16		4C51		(4D5)
P	185	2	187	2	12450		20		20		4A01		(4A4, 0Q0)
P	187	2	188	7	12451		15		14		4A41		
P	188	7	190	5	12452		18		18		4A41		
P	190	5	191	3	12453		08		07		4A01		(4E0)
P	191	3	193	5	12454		22		20		4A14		(5A6)
P	195	8	197	2	12455		14		14		4A73		(4D44)
P	1118	0	1119	0	12456		10		09		4G41		
P	121	5	122	0	12457		05		05		4D41		(5D1)
P	125	3	126	5	12458		12		12		4A41		(4D45)
P	128	1	130	5	12459		24		23		4A41		(4D0)
P	131	2	133	6	12460		13		13		4D01		(4D3, 5D4*)
P	133	6	135	7	12461		21		21		4A41		(5D4*)
P	135	7	137	7	12462		20		20		4A41		
P	137	7	139	2	12463		15		15		4A41		(5D4*)
P	139	2	141	0	12464		18		17		4A41		(5D4*)
P	143	6	145	8	12465		22		20		4A41		(4E0)

Structural Log

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
	168		170		G	115 ₂								
	175		189		B									
	268		271		1G			115 ₂						
	295		310		BG	115 ₂								
	387		528		G	115 ₂	0.5 0.0	115 ₂						
	635		679		GB			115 ₂						
	679		711		B1G									
	725		738		G	115 ₂								
	741		747			25 30.0								
	747		760		B1G									
			760		G									
	819		822		G	115 ₂					115 ₂			
	958		972		D									
	972		1077		BSP						115 ₂			
	1320		1323		G	115 ₂					115 ₂			
	1458		1500		GB			115 ₂						
	1500		1553		GB									
	1553		1558		G	115 ₂					115 ₂			
	1578		1581		G			115 ₂						
	1620		1622		G			115 ₂						
			1624		G			50 18.0						
	1878		1883		G	115 ₂					2.5 99.0			
			1901		G			5.0 24.0						

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: FAGA 022

Reference Fabric Orientation Diagram:

Project: GRUM

Location: SECT 84W

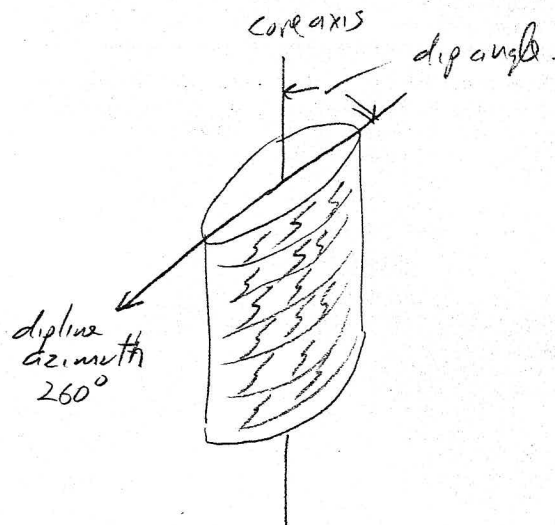
Claim: _____

Terr. Plane Co-ords.: 905148.8 N

1979 HIW Survey

592034.9 E

Grid Co-ords: _____



1979 HIW Survey

Elevation: 1311.5

All symmetry determinations looking

N with S dipping

Total Depth: 1262.0 feet

W with dip azimuth 260. 225° helo.
175m

Purpose: _____

Reason hole Terminated: _____

Logged by: DSJ GAJ

Date(s) Logged: 12 AUG

Drilling Contractor: _____

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

Hole Cemented: _____

Steel down hole: _____

Started: _____ Completed: _____

DDH FAG A 0 2 2
 2 8

Diamond Drill Core Log

Date: _____ Logged By: _____

Code	Drillhole	Elevation	Northing	Easting	Units (feet/metres)	R.F.E
1	2	8	10	16 17	24 25	32 34 39 41 42
T	FAG A 0 2 2	11311.1	591051148.8	5921034.9	F E E T	52

*change to 118°
 2/20 July/83*

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2	8	10	14 22	26 28 32 34 56
R	FAG A 0 2 2	100	181.0	101.0	AT COLLAR
R	FAG A 0 2 2	120	172.4	122.0	SIPERRY SWIN
R	FAG A 0 2 2	140	171.6	103.0	
R	FAG A 0 2 2	160	171.0	102.0	
R	FAG A 0 2 2	180	166.3	104.0	
R	FAG A 0 2 2	116	170.2	154.0	

Code	Drillhole	Comments, Errant Remarks, Snivellings and / or Lewd Suggestions
1	2	8 10 56

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	00	60		1	*	overburden
L	60	488		2	SB08	±2 (00%) unit broken but not gouged no obvious recovery problems - unit homog - med greenish grey - good lithon struct - typical ϵ_{OV} - 17.8-18.2 <small>v.60' in core no loss.</small>
L	488	547		3	SB80	→500 (00%) 98:2 intact.
L	547	694		4	SB80	±2 (00%) unit broken throughout but no major recvy problems - no gouge
L	694	980		5	SB80	→500 (00%) 1% Green Eggs and Ham like as is much of top of hole.
L	980	1062		6	SB20	(SD0)(SA0) 50:40:10 intact, no 000
L	1062	1256		7	SD01	(00%) as 5, foliation sweets and S ₂ Xerting Vts above major fault
L	1256	1314		8	SD01	gouge, INO upper & lower, 1.4' recvy
L	1314	1555		9	SB01	broken and gouged - local poor recvy - overall recvy 13-14' worst recvy 1380-148.0 = 4.5' recvd. overall get feeling is major fault with inc.p S ₂ // gouge @ 137.8-144.0 * & 147-148 = gouge & 148.8-153.0 * * = major gouges of interval.
L	1555	1568		10	SD01	intact
L	1568	1900		11	SB01	(00%) 1-2% lt med grey typical ϵ_{OV} lithon struct intact but for small S ₂ // gouges at 168.0 & 183.0
L	1900	1925		12	SD01	(00%) S ₂ foliation masses
L	1925	2867		13	SB01	intact for major gouges. at: 223.0 - 232.0 upper = INO lower = ~ S ₂ // with sticks raking 20° to NW assuming SW S ₂ dip 241.0 = thin // S ₂ 283.8 - 284.5 minor INO gouge
L	2867	2886		14	SD01	intact
L	2886	2940		15	SB01	"
L	2940	2960		16	SD01	"
L	2960	3403		17	SB01	(SB80 minor) (00%) 1-2% gouges at: 298.2 = 1" S ₂ // 335.2 = inc.p // S ₂ 1/2"

Lithologic Log

Date: _____ Logged By: _____

Code	From		To		Recov.	No.	Unit	Description		
	10	14	16	20					22	24
L	340	3	342	6		18	SB80	→ SDO S ₂ II gouge 342.3-342.6 otherwise intact.		
L	342	6	365	8		19	SB0	±8 intact		
L	365	8	378	2		20	SB0	±8 ±* dolo. (SD* ^{minor} dol) mixed CO ₂ assemblage is only difn. from above - mod broken with apparently S ₂ II gouge 376.0-376.3		
L	378	2	380	2		21	SB26	* dolo. broken and incip S ₂ II gouge toward base, gouges at 379.2 & 380.8 1/2" S ₂ II gouge S.		
L	380	2	392	0		22	SAP*	dolo. (SB26*dolo ±0) 80:20 intact		
L	392	0	395	0		23	SDH*	laminated (SB26*dolo) 90:10 (OP*) minor intact but 2" S ₂ II gouge at 394		
L	395	0	398	2		24	SB26	* dolo. mod broken, incip crackle & xtd w/ buff irregular dolo fract. fills		
L	398	2	405	5		25	SAP*	broken & gouged through - partly sheared with zone of shearing @ 400-401 with black graphitic matrix hosting rotated SB62*dolo and ODO frags., 1ND gouge @ 401-403 could be a major fault but is in middle of a thin unit.		
L	405	5	438	3		26	SB26	* ±0 dolo. (OP*) 1-2% type example of this unit - box taken for ref. coln - intact - probably thinly bedded gte carb siltstn with variab. carbonate pelite layers dolo > calcite = CO ₂ species.		
L	438	3	440	5		27	SDH*	intact		
L	440	5	453	4		28	SB6*	dolo. unit heavily broken in top 1/2, intact in lower 1/2 - major gouge 440.5-448.5 - shallowly dipping probably S ₂ II but may cut S ₂ slightly in detail. could be major fault as juxtaposes different units		
L	453	4	469	2		29	SB0	±* dolo. minor incip gte carb bedded crackle bre in middle of unit but intact		
L	469	2	492	3		30	SB6*	dolo. ±2 unit weakly to mod broken with gte CO ₂ healed fracture @ 5° to GA		

Lithologic Log

Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
						From 489-491
L	4923	5060		31	SB26	*dolo. mod broken similar to unit 30 but has darker S ₂ folia giving a striped appearance to unit - last several units have been cleaved in general of 090 and faults.
L	5060	5073		32	4E84	intact has surprisingly weakly developed 4L on either side <.2' in each direction
L	5073	5140		33	SB26	*±0 similar to unit 31 - intact to mid broken - no major gouge - no core loss
L	5140	5153		34	SD10	P _S foliated intact
L	5153	5220		35	SB26	*±0 (SA0) 70:30, p _S fol, intact no 090
L	5220	5419		36	SD0	(50% calc)(090±*) 40:30:30 with 090±* as one major vein @ 537-540.5, zone of rubble and ground core at 532-533, 3' core loss 526.5-529.5 with ground core suggests mismatch
L	5419	5530		37	SB6*	dolo ±2 weakly broken no core loss. - weak fault zone 550-7 → 551-8 upper 11 S ₂ lower is shear zone and BXA zone vaguely S ₂ 11 but internal gouge cuts S ₂ at 30/000 - not a major fault, probably
L	5530	5657		38	SA1*	(SB26*dolo±0) unit weakly broken no major core loss.
L	5657	5690		39	SD4*	dolo. intact
L	5690	5710		40	SA*	(SB2*±0)(SD4*) 30:30:30
L	5710	5734		41	4E4	(4L0) 98:5 intact - well banded.
L	5734	5890		42	4L2	±1±7±4 (090±*) 5% good typical 4L altered wall rx - 1ND gouge @ 587-589 with internal S ₂ 11 gouge otherwise intact but split
L	5890	5938		43	SD4*	(SD0)(09*) 50=50% 09=50% intact
L	5938	6008		44	4E4	(09*)(SD4*) core missing mostly - interp from KA log
L	6008	6012		45	4L24	KA interp
L	6012	6053		46	4D4	[4L244] KA interp

and small mixed

yes

Lithologic Log

Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	6053	6132		47	4L4, 17	→ 4C7 unit split but intact wall rock dominant so may not be exhaustive
L	6132	6190		48	4H2*	dolo. (4L7) intact ductile flow bxa throughout 4L7 is at 617.5 → 619.0
L	6190	6245		49	S, B26*	(SB20) intact no opo strongly striped ps ₂ foliated
L	6245	6310		50	S, D01	(SB80) (op*) s ₂ foliaform ss:45 intact
L	6310	6654		51	S, B80	(SB0)(SD0) intact, +r(OPX) .2' s. 11 gauge @ 657.4-657.6 test in poppy gorge + broken core ext 643.0 = .2' s ₂ 11, also broken core but no gauge at 662.6 = .1'
L	6654	6780		52	S, D01	(SB80) 75:25 F s ₂ foliaform (OP0) intact
L	6780	6948		53	S, B80	(SD0), 2-3% s ₂ foliaform (OP0) intact
L	6948	7120		54	S, B26*	* ± 0 (SD4*) 98:2 strongly striped med-dk grey + black + 1/4 grey verib. calc and dolo silty phyllites - moderately broken but no core logs - no gauge.
L	7120	7287		55	S, B62	±* (OP0 ±*) as last unit but more opo and no calcite in siltstn bands - unit moderately broken and ends in a (hmm, pause) nearly s ₂ 11 gauge upper 11 s ₂ from 728.0 - 728.7 +
L	7287	7388		56	S, A*	dolo ± 0 (OP0) ^{90:10} entirely broken and gorged throughout, major gorge SE 728.7-731.5 and 733-735 and 737.8-738.5 all 3 are INO but internal foliation 11's s ₂
L	7388	7399		57	4, K0	BXA. occurs in crackle bxtal SA* host unit.
L	7399	7454		58	S, A*0	(OP0)(4C0) entire unit Bxtal as crackle bxa w/ off white g ₂ CO ₂ veins - 4C0

Lithologic Log

Date: _____ Logged By: _____

Code	From		To		Recov.			No.		Unit	Description
	10	14	16	20	22	24	26	28	30	34	
											probably vein boxes - entire unit broken but not gouged - no major core loss
L	7415	4	7511	0					59	4C0	(5D4*, 0Q*) Bxt'd throughout = ductile and/or tectonic Bxn of SA SD sequenced, core broken but good recovery
L	7511	0	7542						60	5C4*	"fish" incip S ₂ gouged moderately, S ₂ // CO ₂ veined
L	7542		7581						61	4E4	(5D4*)(4D4 bxa) core missing interp from KA log
L	7581		7690						62	4E4	core missing interp from KA log
L	7690		7830						63	4A4	Bxa " "
L	7830		7950						64	4A4	core missing " "
L	7950		8063						65	4L1,2	4 typical of 5 white or buff 4L grades down to EOI to weakly calc then normal 4CS continuing to next unit as 4A0 ⇒ unit may be overprint on 4A0 - textures consistent with this interp
L	8063		8207						66	4A0	±3±4 top is 4CS → down to weak 4A0 at 809' becoming 4A3 from 819 to EOI
L	8207		8280						67	4E0	based partly on core remaining in KA log
L	8280		8345						68	4A4	core missing KA interp
L	8345		8443						69	4E4	" "
L	8443		8857						70	5B2,6	* ±0 (5A0*, 5D4*, 0Q0±*) dk grey to black strongly banded or striped due to gte + dolo calc siltstones unit is 50:50 to 60:40 5B2 vrs. 5A6 remainder are minor to tr. unit intact with only 1 fault zone
L	8857		8866						71	0Q*	5 // at 845.8-847.0 (4J0) ductile flow bxt'd vein
L	8866		8874						72	4G4	thinly banded intact
L	8874		9015						73	5B6,7	* dolo (0Q0) 95:5 intact
L	9015		9033						74	4A0	(5D4*) core missing KA interp

Lithologic Log

Date: _____ Logged By: _____

Code	From			To			Recov.	No.	Unit	Description
	10	14	16	20	22	24				
L	910	33		914				75	404	(4E4) core missing - KA interp
L	914	8		926	5			76	5B26	±* dol (5D4*)(00*)(5A*dol)(00*) 30:40:10:20
L	926	5		955	2			77	5B22	±* (5A6, 5D0) unit intact, near perfect recvy. - 5D0 = 1 band @ 942-944' no 0P0 - ps ₂ foliated - well striped due to variation in C content in S ₂ l. folia.
L	955	2		983	0			78	5B80	±* dol. (5D0)(00*calc) 85:10:5 part of core spilled but recvy seems good, intact, no gorge or faults
L	983	0		997	4			79	5B20	intact but partly spilled, well banded
L	997	4		1006	0			80	5D0	(5B80) 60:40 partly spilled minor S foliation (00*) no gorge.
L	1006	0		1043	0			81	5A0	±3 (5B26)(5D0)(00*calc) 5A:5B2 45:35 remainder is 15% 5D0, 5% 00* complex, interbanded with 5D in lower 1/2 - intact. no gorge.
L	1043	0		1114	0			82	5B0	±8 (5D0)(00*)(5B20 → 5A0) 75:15:tr:10 5B20 → 5A0 @ 1076-1080, unit intact with minor xcutting gte CO ₂ vlt.
L	1114	0		1125	1			83	5B2*	→ 5A*dol (5C*)(5D69, 9-sphal'py) 70:5:15 - entire unit crackle btdn with 5D most broken in complexly btd 5B2 matrix. 1' INU gorge from 1123.4-1124.4
L	1125	1		1129	5			84	4E4	(4H4)(4L0) core missing KA interp
L	1129	5		1131	5			85	4G4	KA interp core missing
L	1131	5		1134	0			86	4E4	porous, " "
L	1134	0		1145	6			87	4A43	" "
L	1145	6		1164	2			88	4G4	" "
L	1164	2		1165	2			89	5C4*	intact
L	1165	2		1179	6			90	4G4	(5C4*) typical well banded, very bentic w/ 2% interbanded with 5C4*, intact

temper
temper

mother
bank
joke

Lithologic Log

Date: _____ Logged By: _____

Code	From		To		Recov.				No.		Unit	Description
	10	14	16	20	22	24	26	28	30	34		
L	11,706	11,715							91	4L2		intact
L	11,715	11,737							92	3691*		dolo intact
L	11,737	11,763							93	4L0		intact, non sulfidic
L	11,763	11,853							94	SB62		±* dolo, intact, med grey - mod. banded, CS ₂ foliated - dolo in gtz siltstn bands, intact
L	11,853	11,878							95	4GH	(4E4)(SC*)	80:18:2, intact
L	11,878	11,887							96	4LP		±2, intact
L	11,887	12,160							97	SB62		ps ₂ foliated homogeneous monotonous banded and intact. top 1' has 2 1/2" gtz py sphal bands reminiscent of 4A and could be called SAH, unit is silty but not strongly banded like units up hole. ⁵⁰⁶² silty.
L	12,160	12,203							98	SD6	(4H* ^{calc.} MK 10 bxa)(00*)(4L672) ^{85:15}	Unit intact 4H is a vein now 11S ₂ - 4L672 occurs at EOI is .5' long.
L	12,203	12,620							99	SB20	±* dolo (SD0) 5% (000=*) ^{hd}	Unit dk grey locally black - strongly banded, silty phyllite with calcite → dolo + gtz siltstn bands, intact, 1262 = EOH

some water in paper burst. shown core through.

DDH FAGA022
² FEET ₈

Cyprus Anvil Mining Corp.

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Structural Log

Date: _____

Logged By: DSJ/GAJ

Code	From		To		Feature	E of	S ₀		S ₁		S ₂		Description
	10	14	16	20			Dip	Direct.	Dip	Direct.	Dip	Direct.	
	28	32	34	38	40	44							
✓				110	GS2					80	260		
✓				390	INDD					77	11		CS ₂
✓				665	GS2					60			
✓				888	INDD					75			CS ₂
✓				1,035	INDP					85			
✓				1,230	INDP					80			
✓				1,565	GS2					70			
✓				1,715	INDD					75			CS ₂
✓				1,985	INDD					55			CS ₂
✓				2,34	INDD					72			CS ₂
✓				2,545	INDD					77			CS ₂
✓				2,815	INDD					80			CS ₂
✓				2,995	GS2					70			
✓				3,185	GS2					80			
✓				3,370	GS2					85			
✓				3,555	INDH					90			CS ₂
✓				3,655	INDP					80			
✓				3,890	INDD					82			CS ₂
✓				4,150	INDD					75			CS ₂
✓				4,340	GS2					70			CS ₂ @ 35/030
✓				4,700	GS2					80			
✓				4,800	GS2					60			
✓				4,930	INDD					84			CS ₂
✓				5,200	GS2					78			
✓				5,490	GS2					72			
✓				5,605	CS2					80	260		
✓				5,825	INDD					75	225		
✓				6,200	CS2					72			
✓				6,390	INDD					70			CS ₂
✓				6,590	INDP					72			
✓				6,716	GS2					80			
✓				7,020	GS2					75			
✓				7,275	GS2					78			
✓				7,970	GS2					70			
✓				8,110	INDP					60			could be RS.
✓				8,200	INDP					55			11

Code	From				To				Feature	S ₁ E	S ₀		S ₁		S ₂		Description	
	10	14	16	20	22	24	26	28			Dip	Direct.	Dip	Direct.	Dip	Direct.		
U					853	0			CS2					50	225			
U					873	0			CS2					60	11			
U					895	0			CS2					55				
U					927	0			CS2					85				
U					941	0			CS2					75				→ D.D.
U					965	5			CS2					80				
U					993	0			CS2					75				
U					1016	0			CS2					65				CS _n = 32/220
U					1036	0			CS2					75				→ DD
U					1064	0			CS2					70				
U					1092	0			CS2					78				
U					1111	0			INDP					70				
U					1183	0			INDP					70				CS _n = 35/180
U					1210	0			CS2					60				
U					1233	0			CS2					75				
U					1258	0			CS2					80	225			

90553

KA ASSAY

FEET.

DDH FAGN022

Cyprus Anvil Mining Corp

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Logged by DSJ GAG.

ASSAY LOG (SAMPLER'S COPY)

Date 28 Aug 82 Sampled by KA

CODE	FROM		TO		SAMPLE	INTR.		REC (m)		UNIT	DESCRIPTION	
	10	14	16	20		22	26	28	30			32
A	1506	0	1507	6	90553		116		116		4E4	
A	1593	8	1601	2	90554		174		174		4E4	(4L24)(5D4*)(OP*)
P	1601	2	1606	2	90555		150		150		4D4	4L24
A	1606	2	1613	2	90556		170		170		4L4	7 → 4C7
A	1613	2	1619	1	90557		159		159		4H2*	do (4L7)
P	1754	2	1758	0	90558		138		136		4E4	(5D4*)(4D4bxa)
P	1758	0	1761	5	90559		135		122		4E4	
A	1761	5	1767	0	90560		155		130		4E4	
P	1767	0	1777	0	90561		110		110		4A4	8xa (4E4)
P	1777	0	1787	0	90562		110		110		4A4	8xa
P	1787	0	1796	0	90563		190		188		4A4	
P	1796	0	1798	5	90564		25		106		4L1	2 4
P	1798	5	1806	5	90565		180		180		4L1	2 4
A	1806	5	1810	4	90566		139		139		4A0	±3 ±4
A	1810	4	1820	2	90567		198		198		4A0	±3 ±4
A	1820	2	1824	5	90568		143		143		4E0	
A	1824	5	1828	6	90569		141		141		4E0	
A	1828	6	1834	9	90570		163		163		4A4	
A	1834	9	1844	6	90571		197		197		4E4	
P	1885	7	1887	4	90572		117		117		4G4	(OP*, 450)
P	1900	4	1901	3	90573		28		28		4A0	(5D4*)
P	1901	3	1901	8	90574		148		148		4D4	(4E4)
P	1901	8	1914	8	90575		168		168		4D4	(4E4)
P	1112	5	1113	1	90576		166		166		4E4	(4G4)(4H4)(4L0)
P	1113	1	1113	3	90577		115		120		4E4	(4G4)
P	1113	3	1114	0	90578		168		158		4A4	(4E4)
P	1114	0	1114	5	90579		156		151		4A4	3
P	1124	5	1125	5	90580		110		110		4G4	
P	1125	5	1126	4	90581		186		186		4G4	
P	1126	4	1126	3	90582		121		121		4G4	(5C4*)

note KA footages differ from C.A.M.C.

ASSAY LOG (SAMPLER'S COPY)

Date 28 Aug 82

Sampled by KA

CODE	FROM		TO		SAMPLE		INTR.		REC (m)		UNIT		DESCRIPTION
	10	14	16	20	22	26	28	30	32	34	36	40	
P	11166	3	11169	1	90583		28		28		464		(504*)
P	11169	1	11170	2	90584		27		27		464		(504*)
P	11170	2	11172	9	90999		27		26		464		(504)(369*d.l.b)
P	11184	8	11188	6	90585		28		28		464		(464)(50*)(460±2)
P	11188	6	11191	8	90586		22		22		518	29	

² FEET ⁸ rather than m's Structural Log

Date: _____ Logged By: _____

Code	From		To		Feature	S _m	S ₀		S ₁		S ₂		Description	
	10	14	16	20			22	24	26	28	32	34		38
		160		178	1B									
		178		182	3B									
		182		48	3B									
		547		69	4B									
		1062		1256	1D									
		1256		1314	G3F3									
		1378		1440	3EP									
		147		1480	EP									
		1488		1530	3G									
				168	1G									
				183	1G									
		2230		2320	G							11S ₂		Slickes rake 20° to NW
				271	1G					11S ₂				
		2838		2845	1G									
				2982	1G					11S ₂				
				3352	1G					11S ₂				
		3423		3426	G					11S ₂				
		3760		3763	2BG					11S ₂				
				3792	1G					11S ₂				
				3808	1G					11S ₂				
				3945	1G					11S ₂				
		3982		400	BG									
		400		401	S									
		401		403	G3F									
		403		4055	BG									
		4405		4485	3GF									
				460	OX									
		489		491	DF									
		532		533	R									
		5265		5295	SRM?D									
		5507		5518	1F			11	52	30	000	11	52	
		587		589	G					11	52			
		5938		6053	NNN									
		6132		6190	D									
				6575	1G							11S ₂		
				6430	GB							11S ₂		

Structural Log

Code	From			To			Feature	E S ₂	S ₀			S ₁			S ₂			Description			
	10	14	16	20	22	24			26	28	Dip	Direct.	32	34	Dip	Direct.	38		40	Dip	Direct.
				662	6	B															
	69	4	8	72	20	23															
	72	80		73	15	G								115							
	73	33		73	35	G								115							
	73	78		73	85	G								115							
	73	85		74	54	XPB															
	74	54		75	42	DX?															
	75	42		79	50	NNN															
	82	20		84	43	NNN															
	84	58		84	7	G								115							
	88	57		88	66	D															
	90	15		91	48	NNN															
	112	34		112	44	G															
	112	51		112	64	2MNN															

DIAMOND DRILL RECORD

LOGGED BY Fred Chow

PROPERTY _____

LATITUDE _____ BEARING OF HOLE _____

DEPARTURE _____ DIP OF HOLE _____

ELEVATION _____ DIP TESTS _____

STARTED _____

COMPLETED _____

Proposed:
DEPTH Ultimate: _____

D.D.H. No. A - 22 PAGE 10 of 10

CLAIM No. _____



DIRECTION AND DISTANCE FROM
NE. CLAIM POST

FOOTAGE		DESCRIPTION	Rec. Ft.	Sample No.	Footage		Sample Length	Assay					Assay x Feet			
FROM	TO				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag	
1220.5	1262	QUARTZ-SERICITE-GRAPHITE PHYLLITES. Medium grey and dark grey banded. Mainly quartz, fissile when thinly laminated. 1221-1232' F ₁ prominent at 40°-90° to F ₂ , also intense fracturing (tiny) subvertical to F ₂ . 1240-1262' increasing amount of brown mica. This section of phyllites contains greater than usual amounts of pyrrhotite, approximately 0.2% occurring in F ₁ + F ₂ , as blebs and streaks, also filling fractures. Pyrrhotite also occurs though amount less than pyrite. Minor specks of chalcopyrite and sphalerite noted in upper 10' of section.	10.5/ 10.5	—	1220.5	1231	—									
		C.A. 70° at 1222'-1238'; 80° at 1234'; 70° at 1243'; 65° at 1243'-1249'; folded at 1249-1250.5'; 70° at 1251'; 80° at 1255.5'; 70-80° at 1256-1262'	19/20 10/11	—	1231	1251	—									
		1262	END OF HOLE													
		Note: Sulphide Grain Size - fine to very fine. Massive pyrite often fine granular but when barren of lead-zinc mainly very fine-grained and hard.														
		Size of Hole: 0 - 10' BW 10 - 1262' BQ														
		Other Notes: 1. Lost water return at 759'. Continued drilling to 1262' with no water return, using mud + diesel fuel + sawdust. 2. 8' BW casing left in hole at collar (stock) with casing shoe #14 ZW 028.														

DDH: FAGA022 -- 42 DEGREE PROFILE

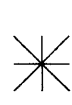
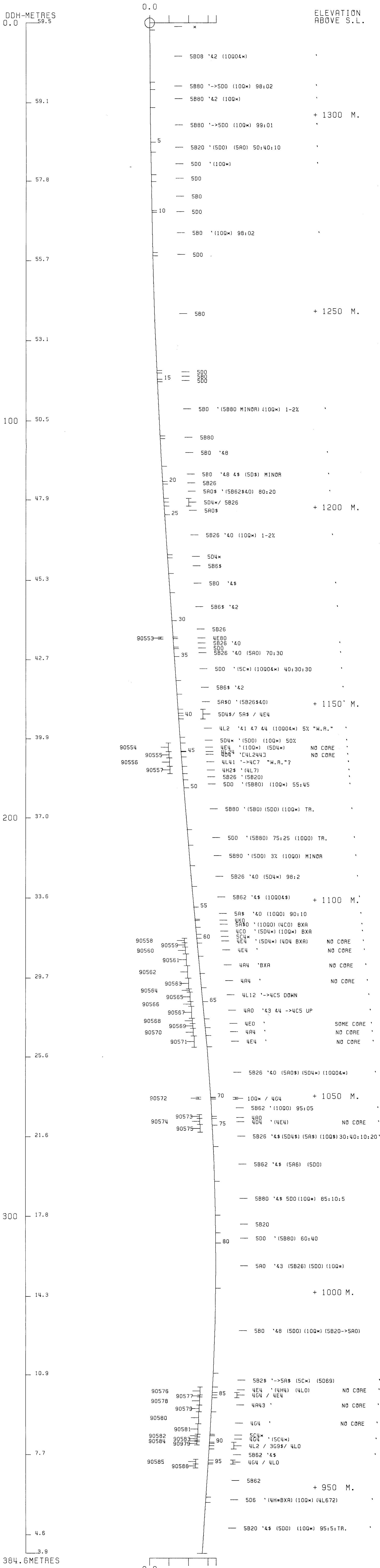
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1312 592035E ; 905149N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 433.8 Z = 1323.1

SECTION NAME: 82W



DDH: FAGA022 -- 42 DEGREE PROFILE

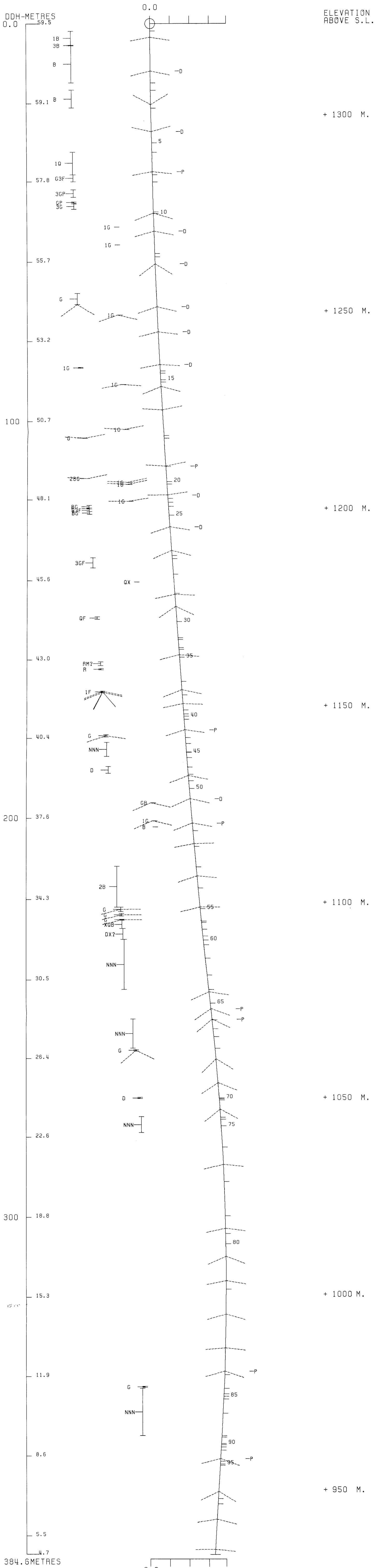
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1312 592035E ; 905149N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 433.8 Z = 1323.1

SECTION NAME: 82W



DRILL HOLE : FAGA051
NORTHING : 905,104.4
EASTING : 591,993.6
ELEVATION : 1,312.4
TOTAL DEPTH : 367.0
SECTION : W 84
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: 8
NOS DOWN-H-LITHOLOGY: 90
NOS DOWN-H-STRUCTURE: 46
NOS DOWN-H-FAULTS: 34
NOS DOWN-H-SPLINES: 8
NOS COMPOSITES: 0

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ORE SAMPLES & ASSAYS (DHO20)

PAGE: 33

DJH: FAGA051 UTM-N: 905,104.4 UTM-E: 591,993.6 UTM-ELEV: 1,312.4 TOTAL DEPTH: 367.0 SECTION: W 84
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

---DEPTHS---		SAMPLE NO.	INT.	REC.	ROCK UNIT	S.G. PULP	-----ASSAYS-----													S.G. W.R.
FROM	TO						CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	
169.9	172.0	14188	2.1	2.1	4L74		.10	1.02	1.20	17.00										
172.0	173.8	14189	1.8	1.7	4L74		.11	.78	.71	15.99										
173.8	174.8	14190	1.0	.9	4L0		.08	.45	.47	11.00										
203.9	205.7	14191	1.8	1.8	4L74		.05	.56	.54	11.00										
205.7	207.7	14192	2.0	1.9	4L74		.08	.79	.68	14.99										
207.7	209.1	14193	1.4	1.4	4G0	4.48	.14	2.75	2.50	61.99	.75	1	31	33						
209.1	210.4	14194	1.3	1.3	4G4	4.63	.14	6.29	5.20	93.00	.68	3	22	26						
210.4	212.3	14195	1.9	1.8	4C7	3.39	.14	.61	1.38	14.99	.27	4	13	17						
212.3	214.0	14196	1.7	1.7	4C7	3.70	.17	1.85	2.79	29.99	.27	9	13	22						
297.5	299.0	14197	1.5	1.5	4L46	3.16	.05	.63	1.46	12.00	.27	5	4	10						
299.0	300.5	14198	1.5	1.5	4L46	3.47	.05	1.22	1.67	24.00	.47	4	12	17						
300.5	302.1	14199	1.6	1.5	4A0	3.64	.16	1.57	1.60	28.99	.68	3	15	19						
302.1	303.3	14200	1.2	1.2	4A0		.13	.48	.53	13.00										
303.3	305.0	14201	1.7	1.6	4C5		.14	.86	.65	18.00										
307.8	309.7	14202	1.9	1.8	4C5#		.13	.45	.44	11.00										
309.7	311.2	14203	1.5	1.5	4C5#		.29	.24	.44	9.00										
311.2	312.8	14204	1.6	1.5	4C5#		.11	.54	.55	12.00										
312.8	313.8	14205	1.0	1.0	4C#		.08	1.12	1.08	20.00										
324.9	325.7	14206	.8	.8	4C#		.08	1.91	1.71	24.00										
335.3	336.3	14207	1.0	1.0	4C#		.14	2.22	2.29	35.00										
337.7	338.8	14208	1.1	1.1	4G08		.14	1.73	1.64	28.99										
340.2	341.5	14209	1.3	1.2	4C#		.14	1.26	1.36	22.00										
341.5	343.2	14210	1.7	1.7	4A#		.17	.20	.32	7.99										
343.2	345.0	14211	1.8	1.7	4C5#		.11	.40	.55	9.00										
345.0	346.1	14212	1.1	1.1	4G0#	4.26	.17	3.16	4.83	43.00	.75	2	17	20						
346.1	347.2	14213	1.1	1.1	4C7#	3.74	.21	1.56	1.99	26.00	.68	3	17	25						
WEIGHTED AVERAGE																				
169.9	174.8		4.9	4.7			.10	.81	.87	15.40										
203.9	214.0		10.1	9.9		2.47	.12	1.87	1.97	33.19	.28	3	12	15						
297.5	305.0		7.5	7.3		2.10	.10	.97	1.20	19.54	.29	2	6	9						
307.8	313.8		6.0	5.8			.16	.53	.57	12.26										
324.9	325.7		.8	.8			.08	1.91	1.71	24.00										
335.3	336.3		1.0	1.0			.14	2.22	2.29	35.00										
337.7	338.8		1.1	1.1			.14	1.73	1.64	28.99										
340.2	347.2		7.0	6.8		1.25	.15	1.13	1.54	19.18	.22	1	5	7						

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DOWN-HOLE SURVEYS (DH020)

PAGE: 34

JDH: FAGA051 UTM-N: 905,104.4 UTM-E: 591,993.6 UTM-ELEV: 1,312.4 TOTAL DEPTH: 367.0 SECTION: W 84
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	173.700	87.000
91.400	173.300	77.500
152.400	171.300	101.000
182.900	172.500	95.000
243.800	169.300	104.000
329.200	169.400	123.500
359.700	169.400	127.500

DDH: FAGA051 UTM-N: 905,104.4 UTM-E: 591,993.6 UTM-ELEV: 1,312.4 TOTAL DEPTH: 367.0 SECTION: W 84
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
3.0	0001	*		0.5-	1
15.8	0002	580\$	(5D4*)	0.5-	1
19.2	0003	5D4*	(5B\$)(10Q#)	0.5-	1
43.9	0004	5B\$6	82 (5D4*)(10Q*) 80:15:5	0.5-	1
62.6	0005	580\$	82 (10Q*)(5D4*) 98:2:TR.	0.5-	1
66.8	0006	5B6*	80	0.5-	1
83.5	0007	58C	(5B6\$)(5D4*)(10Q*)	0.5-	1
87.6	0008	580		0.5-	1
89.9	0009	5820		0.5-	1
92.2	0010	5D0	(10Q*) 98:02	0.5-	1
100.1	0011	580	(500)(10Q*) 97:3:TR.	0.5-	1
101.2	0012	5D0	(10Q*) 95:5	0.5-	1
103.4	0013	580		0.5-	1
104.0	0014	5D0		0.5-	1
104.7	0015	580		0.5-	1
105.8	0016	5D0		0.5-	1
110.9	0017	580	(10Q*) TR.	0.5-	1
111.5	0018	5D0	(10Q*) 95:5	0.5-	1
115.5	0019	5820	88(5D0)(10Q*)95:5:TR.\$ INC DN	0.5-	1
121.6	0020	582\$	80 (5D4*) 99:1	0.5-	1
124.1	0021	5C4*	SOME NO CORE	0.5-	1
131.0	0022	5826	? NO CORE	0.5-	1
133.5	0023	5C4*	(5B6\$)	0.5-	1
147.0	0024	5B6\$	82 (5B6\$2)(10Q0) MINOR	0.5-	1
152.9	0025	580	88 (5D4*) TR.	0.5-	1
159.7	0026	580	82 (5D0)	0.5-	1
163.1	0027	5A0	83 (582083)(5D0) 20%	0.5-	1
166.4	0028	5B6\$	80 (10Q*80)	0.5-	1
169.9	0029	4L0	8687(5B64\$82)60:40 4L AT MARG.	0.5-	1
173.8	0030	4L74		0.5-	1
174.5	0031	4L0	87	0.5-	1
174.8	0032	4L74		0.5-	1
177.0	0033	4L0	87 (10Q*) 95:5	0.5-	1
203.9	0034	586	82 88	0.5-	1
207.0	0035	4L74	85 (5D4*) 70:30	0.5-	1
207.4	0036	5D4*		0.5-	1
207.7	0037	4L74	85 (5D4*)	0.5-	1
210.4	0038	4G4	8# 88 (4E46) POROUS	0.5-	1
210.9	0039	5D4*	9	0.5-	1
214.0	0040	4C7	89	0.5-	1
218.8	0041	58\$	8082(5D4*)(10Q08\$) 89:10:1	0.5-	1
220.3	0042	58\$	80 82	0.5-	1
224.5	0043	5880	(10Q0)	0.5-	1
227.1	0044	5D0	(10Q*) 1%	0.5-	1
230.0	0045	5880	88 (10Q088) 2%	0.5-	1
231.0	0046	5D40\$		0.5-	1
235.0	0047	5B6\$		0.5-	1
237.0	0048	58\$	80	0.5-	1
250.2	0049	5880	88 (5D6\$) "G.E.H."	0.5-	1
253.6	0050	5820	88	0.5-	1
257.6	0051	5880	88 (10Q*) 2% "G.E.H."	0.5-	1

DDH: FAGA051 UTM-N: 905,104.4 UTM-E: 591,993.6 UTM-ELEV: 1,312.4 TOTAL DEPTH: 367.0 SECTION: W 84
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
262.0	0052	5B0\$	82 (10Q*) 1X	0.5-	1
267.1	0053	5B2	80 8\$	0.5-	1
267.6	0054	5B62	89 (4E4)	0.5-	1
270.7	0055	5B62	88	0.5-	1
278.0	0056	5B6	82	0.5-	1
297.5	0057	5B0	(5D4*)(5E0) CALC. DECS. DOWN	0.5-	1
300.5	0053	4L462	88 (4D485) 50:50	0.5-	1
301.0	0059	4E46		0.5-	1
301.3	0060	5C\$		0.5-	1
303.3	0061	4A0	81	0.5-	1
304.1	0062	4D5	88->4A08\$. HIGH \$, AFTER 4G??	0.5-	1
304.7	0063	5A19		0.5-	1
305.0	0064	4C8\$	HIGH \$ A.A.	0.5-	1
307.3	0065	5A19\$	->4A0\$ (5D4*)	0.5-	1
308.2	0066	4C8\$	HIGH \$ A.A.	0.5-	1
308.6	0067	4A0	88 V. MINOR	0.5-	1
312.8	0068	4C5\$	87 89 ->4A31\$	0.5-	1
313.8	0069	4C8\$	->4D8\$(4L0) 40-50% \$ IN "4C"	0.5-	1
324.9	0070	5B2\$	80 (4E0)(4H0) VEINS?	0.5-	1
325.7	0071	4C8#	*=20-30%	0.5-	1
330.4	0072	5B2\$	80 (4E081858487)(4L) MINOR	0.5-	1
335.3	0073	5A69	80 89 (4C0)(4A31) MINOR	0.5-	1
336.3	0074	4D8\$	3 88	0.5-	1
337.7	0075	5A19	->4A0	0.5-	1
338.3	0076	4G48	(4E1\$) SIMILAR TO #74	0.5-	1
338.5	0077	5D4*		0.5-	1
338.8	0078	4C8\$		0.5-	1
340.2	0079	5A16		0.5-	1
341.5	0080	4D8\$	(4E18)(4K0) 80:15:5 BARITE?	0.5-	1
343.2	0081	4A\$	83 ->4C5\$: \$ MINOR	0.5-	1
343.3	0082	4E48	86 88	0.5-	1
343.9	0083	4L21	4	0.5-	1
344.1	0084	4E\$	(4K0)	0.5-	1
345.0	0085	4C5\$	87 89 ->4A803739 : \$ MINOR	0.5-	1
345.5	0086	4C8\$	87 89	0.5-	1
346.1	0087	4G4		0.5-	1
347.2	0088	4C73\$	39 BXA	0.5-	1
351.7	0089	5B\$	80	0.5-	1
367.0	0090	5B20	(5D0) TR.	0.5-	1

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DOWN-HOLE STRUCTURE (DH020)

PAGE: 37

DH: FAGA051 UTM-N: 905,104.4 UTM-E: 591,993.6 UTM-ELEV: 1,312.4 TOTAL DEPTH: 367.0 SECTION: W 84
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DH CALC: 1 SS CALC: 1

DJH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	DIRECT	S1 ANGLE	DIRECT	S2 ANGLE	DIRECT	RFE	CDE	DHDC	SOC	PROCESS
FAGA051	0.0	14.9	CS2		0	0	0	0	72	230	0		1	1	1
FAGA051	0.0	30.3	CS2		0	0	0	0	72	230	0		1	1	1
FAGA051	0.0	36.9	CS2		0	0	0	0	70	230	0		1	1	1
FAGA051	0.0	51.7	CS2		0	0	0	0	80	230	0		1	1	1
FAGA051	0.0	57.9	CS2		0	0	0	0	82	230	0		1	1	1
FAGA051	0.0	63.7	CS2		0	0	0	0	70	230	0		1	1	1
FAGA051	0.0	73.0	CS2		0	0	0	0	85	230	0		1	1	1
FAGA051	0.0	83.5	PS2	P	0	0	0	0	80	230	0		1	1	1
FAGA051	0.0	89.5	PS2	P	0	0	0	0	82	230	0		1	1	1
FAGA051	0.0	95.4	CS2		0	0	0	0	90	230	0		1	1	1
FAGA051	0.0	102.4	CS2		0	0	0	0	82	230	0		1	1	1
FAGA051	0.0	108.1	PS2	P	0	0	0	0	75	230	0		1	1	1
FAGA051	0.0	117.7	PS2	P	0	0	0	0	80	230	0		1	1	1
FAGA051	0.0	139.0	PS2	P	0	0	0	0	87	230	0		1	1	1
FAGA051	0.0	150.3	PS2	P	0	0	0	0	68	230	0		1	1	1
FAGA051	0.0	157.6	CS2		0	0	0	0	77	230	0		1	1	1
FAGA051	0.0	164.6	CS2		0	0	0	0	83	230	0		1	1	1
FAGA051	0.0	167.6	PS2	P	0	0	0	0	75	230	0		1	1	1
FAGA051	0.0	176.2	PS2	P	0	0	0	0	70	230	0		1	1	1
FAGA051	0.0	179.8	PS2	P	0	0	0	0	83	230	0		1	1	1
FAGA051	0.0	191.4	PS2	P	0	0	0	0	70	230	0		1	1	1
FAGA051	0.0	201.5	CS2		0	0	0	0	80	230	0		1	1	1
FAGA051	0.0	205.7	PS2	P	0	0	0	0	64	230	0		1	1	1
FAGA051	0.0	217.0	CS2		0	0	0	0	70	230	0		1	1	1
FAGA051	0.0	224.3	CS2		0	0	0	0	70	230	0		1	1	1
FAGA051	0.0	227.8	CS2		0	0	0	0	82	230	0		1	1	1
FAGA051	0.0	236.5	CS2		0	0	0	0	85	230	0		1	1	1
FAGA051	0.0	241.6	CS2		0	0	0	0	70	230	0		1	1	1
FAGA051	0.0	248.4	CS2		0	0	0	0	75	230	0		1	1	1
FAGA051	0.0	259.1	CS2		0	0	0	0	82	230	0		1	1	1
FAGA051	0.0	267.0	CS2		0	0	0	0	82	230	0		1	1	1
FAGA051	0.0	271.0	CS2		0	0	0	0	75	230	0		1	1	1
FAGA051	0.0	278.6	CS2		0	0	0	0	60	230	0		1	1	1
FAGA051	0.0	285.6	CS2		0	0	0	0	55	230	0		1	1	1
FAGA051	0.0	293.2	CS2		0	0	0	0	85	230	0		1	1	1
FAGA051	0.0	301.4	PS2	P	0	0	0	0	72	230	0		1	1	1
FAGA051	0.0	308.5	CS2		0	0	0	0	60	230	0		1	1	1
FAGA051	0.0	315.5	CS2	D	0	0	0	0	70	230	0		1	1	1
FAGA051	0.0	321.6	CS2	D	0	0	0	0	75	230	0		1	1	1
FAGA051	0.0	328.9	CS2		0	0	0	0	75	230	0		1	1	1
FAGA051	0.0	337.3	CS2		0	0	0	0	75	230	0		1	1	1
FAGA051	0.0	341.7	CS2		0	0	0	0	60	230	0		1	1	1
FAGA051	0.0	346.6	PS2	P	0	0	0	0	70	230	0		1	1	1
FAGA051	0.0	353.9	CS2		0	0	0	0	72	230	0		1	1	1
FAGA051	0.0	359.2	CS2		0	0	0	0	35	230	0		1	1	1
FAGA051	0.0	363.6	CS2		0	0	0	0	68	230	0		1	1	1

17OCT83 GRUM

DOWN-HOLE FAULTS (DHO20)

PAGE: 38

DDH: FAGA051 UTM-N: 905,104.4 UTM-E: 591,993.6 UTM-ELEV: 1,312.4 TOTAL DEPTH: 357.0 SECTION: W 84
 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
FAGA051	3.0	5.4	B				0	0	0	1
FAGA051	5.4	11.5	BP	2			0	0	0	1
FAGA051	11.5	14.6	BGF	5			0	0	0	1
FAGA051	14.6	15.8	B	8			0	0	0	1
FAGA051	15.8	17.3	B				0	0	0	1
FAGA051	17.3	17.6	G				0	99	999	1
FAGA051	17.6	21.1	BP				0	0	0	1
FAGA051	21.1	34.1	BF?				0	0	0	1
FAGA051	34.1	43.8	BP				0	0	0	1
FAGA051	43.8	62.6	B				0	0	0	1
FAGA051	0.0	64.9	G				0	0	0	1
FAGA051	0.0	83.0	G				0	99	999	1
FAGA051	66.7	83.0	2B				0	0	0	1
FAGA051	119.4	121.6	BR				0	0	0	1
FAGA051	121.6	124.0	GB				0	0	0	1
FAGA051	124.0	131.0	NNN				0	0	0	1
FAGA051	132.2	133.1	BG				0	0	0	1
FAGA051	133.5	147.0	BPT				0	0	0	1
FAGA051	147.2	147.5	X				0	0	0	1
FAGA051	151.6	151.9	X				0	0	0	1
FAGA051	152.7	159.7	2B				0	0	0	1
FAGA051	177.0	180.7	BRF	5			0	0	0	1
FAGA051	0.0	216.8	G				0	99	999	1
FAGA051	218.8	219.8	BX				0	0	0	1
FAGA051	219.5	220.3	G				0	99	999	1
FAGA051	230.9	232.2	B				0	0	0	1
FAGA051	232.2	232.7	G				0	0	0	1
FAGA051	249.6	249.7	GP				0	99	999	1
FAGA051	263.0	263.6	G				99	999	0	1
FAGA051	270.8	270.9	G				0	99	999	1
FAGA051	0.0	272.2	G				0	99	999	1
FAGA051	0.0	273.0	G				0	99	999	1
FAGA051	0.0	288.9	1G				0	99	999	1
FAGA051	346.0	347.1	D				0	0	0	1

17OCT83 GRUM

DOWN-HOLE SPLINES (DH020)

PAGE: 39

DDH: FAGA051 UTM-N: 905,104.4 UTM-E: 591,993.6 UTM-ELEV: 1,312.4 TOTAL DEPTH: 367.0 SECTION: W 84
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH SEGMENT NOS COND INDICATOR

FAGA051	1	2
FAGA051	2	2
FAGA051	3	2
FAGA051	4	2
FAGA051	5	2
FAGA051	6	2
FAGA051	7	2
FAGA051	8	1

84W

CYPRUS ANVIL MINING CORPORATION

Page 1 of 16

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: FAGA 051

Reference Fabric Orientation Diagram:

Project: GRUM

Location: 84W.

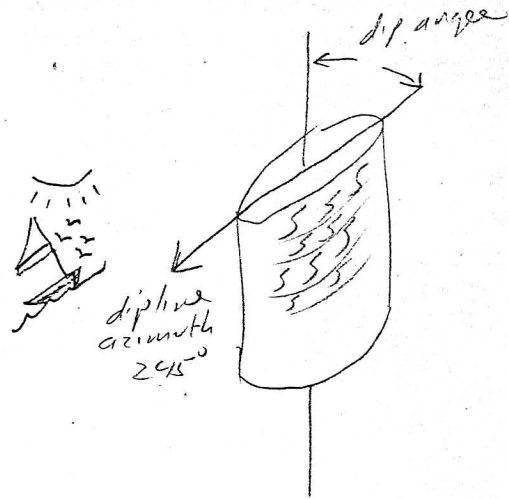
Claim: _____

Terr. Plane Co-ords.: 905104.4 N

1979 HIW Survey

591993.6 E

Grid Co-ords: _____



All symmetry determinations looking

NW with S₂ dipping

SW with dip azimuth 245°

225 below
175m

1979 HIW Survey
Elevation: 1312.4

Total Depth: 1204.0 feet

Purpose: _____

Reason hole Terminated: _____

Logged by: DSJ GAJ

Date(s) Logged: AUG 82

Drilling Contractor: _____

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

Hole Cemented: _____

Steel down hole: _____

Started: _____ Completed: _____

DDH E.A.S.A.05.1
2 8

Diamond Drill Core Log Date: _____ Logged By: _____

Code	Drillhole				Elevation				Northing				Easting				Units (feet/metres)		R.F.E							
	1	2	8	10	16	17	24	25	32	34	39	41	42													
T	E.A.S.A.05.1				1131.2				490.5				104.4				59,199				3.6		FEET		SR	

Code	Drillhole				Depth				Zenith Angle				True Azimuth				Comments				
	1	2	8	10	14	22	26	28	32	34											
R	E.A.S.A.05.1				100				1810.0				101.0				A.T. COLLAR				
R	E.A.S.A.05.1				21000				173.7				187.0				CALCULATED FROM				
R	E.A.S.A.05.1				31010				173.3				177.5				A10221 + 111151				
R	E.A.S.A.05.1				51000				171.3				11011.0								
R	E.A.S.A.05.1				61010				172.5				195.0								
R	E.A.S.A.05.1				81010				169.3				1104.0								
R	E.A.S.A.05.1				101810				169.4				128.5								
R	E.A.S.A.05.1				111810				169.4				127.5								

Code	Drillhole				Comments, Errant Remarks, Snivellings and / or Lewd Suggestions																	
1	2	8	10	56																		

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20	22 24 26 28 30 34 35				
L	0 0	10 0		1	*	holy buzzard brain, fine. He He sh. + Overburden
L	10 0	52 0		2	SB0*	dolo (SD4*) unit mangled with horrible recvy, <15' recvy, much rubble and gouge SD4* @ 10-18' very broken 50% recvy; 18-52 = SB0* dolo with homog distrib of the 2CO ₂ ; major cone loss at 18'-38' = 4' recvy; 38'-48' much incp 5" gouge 5' recvy - major fault suspected - 48-52 = 3' recvy broken
L	52 0	62 9		3	SD4*	(SB*(OP*calc) 80:5:15 badly broken, cone loss suspected at 57-58' as only 9' recvd over entire interval, minor INO gouge at 57-58'
L	62 9	143 9		4	SB*6	dol ± 2 (SD4*)(OP*) 80:15:5 unit vary badly broken, poor recvy = 30-35' recovered incp 5" gouges and gouge zones [appears to be a box of core jumbled & stage tags covering interval 69.5 - 112] major fault suspected 69.5-112 but jumbled core makes location uncertain
L	143 9	205 5		5	SB0*	dolo ± 2 (OP*) ^(SD4*) 98:2:2 minor unit broken but good recvy no gouge - unit is med grey to dark grey strongly S ₂ banded sequence of dolo and calcite phyllites with CO ₂ in silty quartzose bands to S ₁ giving good lithon struct. 180'-204' is typical example of this lithology - pronounced striping due to dk grey to black S ₂ folia giving the ± 2 ie. carbon not homog distrib thru unit
L	205 5	219 2		6	SB6*	± 0 med grey weakly banded not striped sequence of dolo >> calc carbon bearing phyllites - calcite patchily distrib. throughout interval; 3' gouge INO @ 213'
L	219 2	274 3		7	SB0	(SB6*dolo)(SD4* lam)(OP*) 75% SB

Lithologic Log

Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
						unit med broken good recov -
						dominantly normal SBO
						5" gouge 2' thick at 272.5'
L	274.3	287.5		8	SBO	normal intact
L	287.5	294.8		9	SB20	intact med dk grey as compared
						to unit 8 SB which is med grey
L	294.8	302.5		10	SDO	(OP*) 2-3%
L	302.5	328.5		11	SBP	(SDO)(OP*) 97.3:tr - intact - no gouge
L	328.5	332.0		12	SDP	(OP*) 5% intact
L	332.0	339.2		13	SBP	normal - intact
L	339.2	341.3		14	SDP	intact
L	341.3	343.5		15	SBP	intact
L	343.5	347.0		16	SDP	
L	347.0	364.0		17	SBP	intact (OP*) tr. normal.
L	364.0	365.8		18	SDP	(OP*) 5% intact "
L	365.8	379.0		19	SB20	±* more dolomitic at FOI (SDO)(OP*) 95.5:tr
						intact - no gouge - homog more carbonaceous
						than previous unit
L	379.0	399.0		20	SB2*	dol ± 0 (SD4*) < 1% distinguished from above
						by predominance of dol. and near
						absence of calcite upper 3/4 of unit
						intact lower 1/4 broken and ending
						in OP* rubble.
L	399.0	407.0		21	SC4*	gouge and broken core no recov 399-403
						gouge to 403.5 core missing from 403.5 -
						430 apparently due to dumped box.
						river contact interp from KA
L	407.0	429.8		22	SB26	? core missing interp from KA by but
						they didn't describe calcite or dol
						up hole. is uncertain whether O or *
						"medium grey to dark grey quartz
						sericite ± graphite phyllite" - Worn Greenwald
L	429.8	438.0		23	SC4*	"Fuch" + dol. (SB6* dol) ← 432 - 434
						unit heavily broken and gouged
						434-437 IND

BURP

oh slit

Lithologic Log

Date: _____ Logged By: _____

Code	From				To				Recov.	No.	Unit	Description
	10	14	16	20	22	24	26	28				
L	4380		4824							24	SB6*	±2 (SB6±2) (000) minor unit is banded is striped alternating med dk gray with interbanded CO ₂ and iron CO ₂ patches - unit badly broken & commonly, pale chips, bad recvy at 448-456 = 4' recvy 456-462 = 2.5' recvy) main problem. 462-468 = 5' recvy No gauge recovered.
L	4824		5018							25	SB0	±* dolo. crackle bxd 483-484 and 497.5-498.5, otherwise intact trace SD4*
L	5018		5240							26	SB0	±2 (SD0) weakly to modly striped in med to med dk grays with ^{more} carb bands as S ₂ // folia unit modly broken but good recvy
L	5240		5351							27	SA0	±3 (SB20±3) (SD0) ±20-25% unit is distinctly black as compared to above units, intact
L	5351		5460							28	SB6*	dolo. ±0 (00*±0) 14 med gray with no dk gray striping and calcite << dolo to the point where its often not there. Dolo in gtz siltstn // S ₁ and as very fine dolo in very fine silty laminae in in background pelites
L	5460		5574							29	4L0	±6±7 (SB64*±2) 4L at top and bottom, SB64 is in center 40% unit intact and derived from SB64*±2 - all carbonate gone in 4L
L	5574		5703							30	4L74	split but ~ intact with strong devel. of py po + zns Pbs bands // S ₂ and S ₁ = veins ??? but intact strong banding homog distrib over unit

Lithologic Log

Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	5703	5725		31	4L01	±7 intact but split
L	5725	5734		32	4L74	as unit 30
L	5734	5808		33	4L01	±7 (00*) 5% intact
L	5808	6690		34	5B62	±* dolo. med dk grey poorly banded monotonous pale with scattered dolo gtz ststn bands 11 S, 5 fozp into S ₂ - 580.8-593 is broken and rubbly with 5' recov no gorge seed. but a probable fault 585-593 which is more rubbly
L	6690	6790		35	4L74	±5 (5D4*) 70:30 intact but partly split
L	6790	6803		36	5D4*	heavily carbonated intact
L	6803	6814		37	4L74	±5 (5D4*) intact with some ductile flow brn.
L	6814	6904		38	4G4	±* ±8 (4E46) well banded locally porous due to dissolved CO ₂ - intact * = calcite
L	6904	6920		39	5D4*	9 9 = py spher gal in tr amounts intact but split.
L	6920	7020		40	4C7	±9 this is a good micaceous pyritic quartzite not to be confused with 4C to come - no CO ₂ here.
L	7020	71180		41	5B*	±0 ±2 (5D4*) (000 ±*) 89:10:1-2% homog med grey strongly dolo phyllite - poor lithons weakly developed S ₂ carb. folia. incip S ₂ gorge @ 711.5' = 2"
L	71180	7228		42	5B*	±0 ±2 similar to above with less 5D4* - broken and crackle bxted OT - S ₂ gorge 721.3-722, 722.6 - 722.8
L	7228	7367		43	5B80	(000) homogenous med grey green med to locally strongly calc musc chl gtz CO ₂ phyllite - poorly preserved lithon struct. - no 5D can be

Should
586±2±

Lithologic Log

Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
						positively identified - intact
L	7367	7450		44	SD0	(00*) 1-2% intact
L	7450	7545		45	SB80	±*(000±*) ^{2-3%} unit homog med green grey - poor lithon struct.
L	7545	7578		46	SD40	* unit lt med buff grey to slightly green with PS ₂ and 2CO ₃ 's
L	7578	7709		47	SB6*	dolo. PS ₂ foliated med grey non calc heavily dolomitic - top 2/3 unit broken lower 1/3 intact & IND gauge from 762-763.7
L	7709	7774		48	SB*	±0 monotonous med grey PS ₂ foliated dolo dominant cov
L	7774	8209		49	SB80	±* dolo. (SD6*) unit is med grey green with general good lithon struct and calc > dolo with dolo in SD lithologies - intact - looks like green eggs & ham - top 1/2 greener than lower 1/2 which grades down to the SB20 beneath
L	8209	8320		50	SB20	±* dolo med dk grey striped phyllite with very minor dolo in probable gtz sst str
L	8320	8450		51	SB80	±* dolo. (00*) 2-3% intact - like unit 49 may include SD and/or SF very similar to #49
L	8450	8597		52	SB0*	±2 * = dolo sporadically distrib though a calcite dominant med - med dk grey weakly striped phyllite - stripes caused by lt colored sstn. and grey phy. - intact (00*) 1-2%
L	8597	8763		53	SB2	±0 ±* homog dk grey, medly gtz CO ₃ ' banded with subequal calcite and dolo in lt bands.

Lithologic Log

Date: _____ Logged By: _____

Code	From		To		Recov.	No.	Unit	Description		
	10	14	16	20					22	24
								ubble? zone from 863-865 upper 11S ₂ with slicks raking 25° @ 190 16 dip azimuth is 230 lower = 1ND		
L	8776	3	8778	0		54	5B62	*9 (4E4) * = dolo 9 = sphalopy in S ₁ and S ₂ 11 bands in a rock with texture similar to 4A0 with both py and sphal rich bands - unit does not show typical etc S = bands of 4A0 is origin uncertain. 4E4 at basal 13' could be exhalative, lower contact sharp and 11S ₂ - 4E contains SD4* band actually fragment in ductile box.		
L	8778	0	8818	0		55	5B62	±* * = dolo in gross bands - scattered, homog dk grey = 2 intact		
L	8818	0	9112	0		56	5B61	±2 med grey ps ₂ foliated with weak carbonac S ₂ folia giving slight striped appearance as opposed to homog dk grey of unit 55 ~ S ₂ 11 gauge @ 888.5 - 889.5 893.3 - 893.4, 895.6 - 895.8		
L	9112	0	9176	0		57	5B61	(SD4*) (SEO) CO ₂ is calcite mainly and decreases rapidly to base of unit, 950-952.5 = main SD4* band, minor SEO at 922.7 = .8" thick. unit generally intact but for 1" S ₂ 11 gauge @ 948.0		
L	9776	0	9816	0		58	4L46	2 ± 5 (4D4 ± 5) ^{50:50} S in 4L is dolo. complexly interbanded sequence of 4L and 4D with minor dk green chloritic (tr66?) bands crudely similar to 5C* but very thin - units on 1/2 - 1' or thickness "mangle jungle"		

278.0 297.5

27.5 300.5

Lithologic Log

Date: _____

Logged By: _____

Code	From		To		Recov.	No.	Unit	Description		
	10	14	16	20					22	24
								may be jumbled due to splitting (000 ±*) = tr - sulfides in 4D occasionally well banded with strong separation of py and sphal layers - truffs? tend not to be as strongly mineralized. ⇒ the 4D may be exhalative - no CO ₂ in 4D, intact		
L	9876		9885			60	5C*	dolo., intact		
L	9885		9950			61	4A0	±1 a little lighter grey than normal but has good gte py banding - mod 5 = total; high PY/BMS no CO ₂		
L	9860		9876			59	4E46			
L	9950		9978			62	405	±* ⇒ 4A0* intact * = dolo, strongly banded carbonate bearing overtake with laminar of py/sphal approximat minimaleic layers 11 S ₂ - quartz ≈ or < dolo in sulfide bearing bands. units of this type, to this * rich (20-25% of rx) are not common and its not clear if they might have some barite		
L	9978		9998			63	5A19			
L	9988		10006			64	4C*	unit similar to unit #62 in terms of high dolo content but basemental poor and only moderately banded - confusing unit since CO ₂ content causes code to break down - more of it to come -		
L	10006		10100			65	5A19	* ⇒ 4A0* 9 = py & sphal occurring in ~S ₂ foliaform bands from 1/8" to 3" thick (5D4*) = 2" thick band at 1008', intact, tr 00*		
L	10100		10110			66	4C*	dolo unit is lt grey ps ₂ foliated CO ₂ bearing "gte te" with approx		

784
 Rearrange cards
 note: units out of order
 enters ls. its correct

entered is 4C*

Lithologic Log

Date: _____ Logged By: _____

Code	From		To		Recov.		No.		Unit	Description
	10	14	16	20	22	24	26	28		
										35-50% py with poorly developed S= banding (but it is banded) with generally evenly distrib S= species - not convincing exhalites - high CO ₂ = content causes difficulties classifying, looks like good variscous 4C but the "quartz" is dolo - might be more of it if 20% HCl traverses were done more often.
L	10110		10125					167	4AD	± * very minor, dolo.
L	10125		10261					168	4C5*	dolo ± 7 ± 9 → 4A31* unit is well banded with wispy graph bands and gtz-py-CO ₂ = bands locally strongly po bearing commonly with cpy filled fractures Xcutting S ₂ - unit not strongly but is uniformly CO ₂ = bearing with suggestion of increase toward base. uniformly low grade and does not show good S= species band separation but could be exhalative
L	10261		10295					169	4C1*	→ 4D* *=dolo > calc. (4L0) unit is med gray "qtzite" but contains high CO ₂ = (40-50% of unit) py as minor mineralic laminae S ₂ gal & sphal as dissem throughout py bands and the gtz-CO ₂ = matrix - unit may contain some bride - generally low grade and has minor buff coarsely Xln dolo patches throughout - ~10% of unit is 4L0 bands S ₂

Lithologic Log

Date: _____ Logged By: _____

Code	From				To				Recov.	No.	Unit	Description
	10	14	16	20	22	24	26	28				
L	10296		10660							170	SBR*	±0 (4E0) ^(4H0) Unit is nearly homog to weakly striped med dk grey to dk grey phyllite with lt colored gtz CO ₂ ^{bands} and dk grey to black S ₂ // phyllitic folia giving slightly striped appearance. 1-4E and 3-4H bands seen 11 to S ₂ - hard to tell if stratiform or veins 4H looks veiny 4E is not banded but ^{has} siliceous margins with gtz py blotches giving texture similar to gtz py banded in 4A. - 4E is at 1030.8
L	10660		10685							171	4C*	* = dolo + calc - unit similar to unit 69 in that CO ₂ ≥ 20-30% S = dissem to poorly banded with no S = species separation
L	10685		10840							172	SBR*	±0 - med dk grey, well banded dolo + calc - 3 prominent S ₂ fol. form (4F0 ±1 ±5 ±4 ±7 (4L)) at 1071; 1080 and 1053.5 = centers of bands or thickness 1', intact
L	10840		11000							173	SA69	±09-py homog dk grey to black ph. commonly speckled by dissem py - has 2-4C0 or 4A31 bands interleaved which are well banded and possibly exhalative, 1 at 1089' other at 1091' - could be same horizon since F ₂ M at 1091 - unit intact
L	11000		11035							174	4D*	±8 unit similar to above CO ₂ "gashes" with high dolo in gastic groundmass. ~50-60% tot S = py is 90% of S = unit laminae banded 11 S ₂ and holes like normal gashes except that not much gtz.

Lithologic Log

Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
						has -5'40 in center of interval gtz. has may also contain Basal → 4A0 9=py in thin gtz
L	111035	111080		75	SA119	py laminae - no PbS/ZnS - very hard & siliceous "black metachr"
L	111080	111100		76	4SH8	(4E1*dolo) similar to unit 74 but has positively identified Basal
L	111100	111106		77	SD4*	
L	111106	111116		78	4K*	dolo. similar to above with lesser finely dissemin dolo in gtz like matrix but with large buff patches of dolo.
L	111116	111160		79	SA116	split but intact - no s=
L	111160	11204		80	4D*	dolo. (4E18)(4K0) unit similar to above CO ₃ gtz. has with reasonable 4K=5% of unit, 4E=5% of unit -unit strongly to laminae banded some s= species segregation - may contain some barite.
L	11204	11260		81	4A*	±3 → 4C5* esp. toward end of interval * - dolo as minor phase in gtz s= laminae of good 4A type. - probably exhalative
L	11260	11264		82	4E48	±6 ±* dolo. intact
L	11264	11284		83	4L214	"
L	11284	11290		84	4F*	(4K0) dolo. "
L	11290	11318		85	4C5*	±7 ±9 → 4A*0 ±7 ±9 * = minor dolo in gtz+s= bands - unit has mod total s=, high Py/BMS=
L	11318	11335		86	4C*	±7 ±9 similar to above CO ₃ py gtz. has
L	11335	11354		87	4G4	
L	11354	11390		88	4C7*	±9 BXA = fine bxta dolomitic pyritic gtz. has as above.
L	11390	11540		89	5B*	±0 * = dolo dolo dominant CO ₃ in heavily carbonated 1st gtz locally banded unit

Lithologic Log

Date: _____ Logged By: _____

Code	From					To					Recov.	No.	Unit	Description		
	1	10	14	16	20	22	24	26	28	30					34	35
L	1	11	5	40	1	2	0	4	0				90	SBZ0	(SDO) med dk grey partly striped highly calc non dolo. unit with tr. SDO 3" 1st cong @ 1194 but why doesnt it look like it belongs here.	
																Eo/H.

DDH FAGAOSI
² FEET ⁸

Cyprus Anvil Mining Corp.

Page 14 of 16

Structural Log

Date: _____ Logged By: _____

Code	From				To				Feature	E Dip	S ₀		S ₁		S ₂		Description
	10	14	16	20	22	24	26	28			Dip	Direct.	Dip	Direct.	Dip	Direct.	
S				149	0	CS ₂									72	245	
S				199	5	CS ₂									72		→ q/hange
S				121	0	CS ₂									79		
S				169	5	CS ₂									80		
S				190	0	CS ₂									82		
S				209	0	CS ₂									70		
S				239	5	CS ₂									88		→ PS ₂
S				274	0	1,NDP									80		
S				293	5	1,NDP									82		
S				313	0	1,NDH									90		CS ₂
S				336	0	CS ₂									82		
S				354	5	1,NDP									75		
S				386	0	1,NDP									80		→ CS ₂
S				456	0	1,NDP									87		
S				493	0	1,NDP									68		
S				517	0	CS ₂									77		→ PS ₂
S				540	0	CS ₂									83		
S				550	0	1,NDP									75		→ garbage to
S				578	0	1,NDP									70	245	
S				590	0	1,NDP									83	225	
S				628	0	1,NDP									70		
S				661	0	CS ₂									80		
S				675	0	P									64		
S				712	0	CS ₂									70		→ PS ₂
S				736	0	CS ₂									70		
S				747	5	CS ₂									82		
S				776	0	CS ₂									85		→ PS ₂
S				792	5	CS ₂									70		→ D.O.
S				815	0	CS ₂									75		
S				850	0	CS ₂									82		
S				876	0	CS ₂									82		
S				889	0	CS ₂									75		
S				914	0	CS ₂									60		
S				937	0	CS ₂									55		
S				962	0	CS ₂									85		
S				989	0	1,NDP									72	225	may be PS ₁

Structural Log

Date: _____ Logged By: _____

Code	From		To		Feature	SYE	S ₀		S ₁		S ₂		Description
	Dip	Direct.	Dip	Direct.			Dip	Direct.	Dip	Direct.			
S	10	14	16	20	CS2						60	22.5	
S					INDD						70		CS2
S					INDD						75		
S					CS2						75		→ DO.
S					CS2						75		
S					CS2						80		
S					INDP						70		could be RS ₁
S					CS2						72		
S					CS2						85		
S					CS2						68	22.5	

ASSAY LOG (SAMPLER'S COPY)

Date 13, Aug 82

Sampled by _____

CODE	FROM		TO		SAMPLE				INTR.		REC. (m)		UNIT	DESCRIPTION
	10	14	16	20	22	26	28	30	32	34	36	40	42	
P	15574		15644		141818		170		170			4L174		
P	15644		157103		141819		59		157			4L174		
P	15703		15734		141910		131		130			4L201	(4L74)	
P	16690		16750		141911		160		160			4L174		
P	16750		16814		141912		64		163			4L174	(5D4*)	
P	16814		16860		141913		146		146			4G141	±*±8 (4E46)	
P	16860		169104		141914		144		144			4G141	" " "	
P	169104		169164		141915		150		160			4C171	(5D4*)	
P	169164		17020		141916		154		156			4C171		
P	19740		19810		141917		150		150			4L146	2±5 (4D4±5)	
P	19810		19860		141918		150		150			4L146	2±5 (4D4±5)	
P	19840		19910		141919		150		149			4A01	(5C*, 4E46)	
P	19910		19950		142010		140		140			4A01		
P	19950		10006		142011		156		152			4D51	(5A19, 4C*)	
P	10100		10160		142012		160		159			4C51*	(4H0)	
P	10160		10210		142013		150		148			4C51*		
P	10210		10261		142014		151		148			4C51*		
P	10261		10296		142015		135		135			4C*	→ 4D*	
P	10616		10685		142016		125		125			4C*		
P	110100		11035		142017		135		135			4D*	±8	
P	11080		11116		142018		136		136			4G148	(4E1*, 5D4*, 4C*)	
P	111160		11204		142019		144		139			4D*	(4E18)(4H0)	
P	11204		11260		142110		156		156			4A*	±3 ⇒ 4C5*	
P	11260		11318		142111		158		156			4C5*	(4E*, 4L214, 4E48)	
P	11318		11354		142112		136		135			4G141	(4C*±7±9)	
P	11354		11390		142113		136		135			4C17*	±9 kpa	

check }

DDH FASA05.1
2 8

Cyprus Anvil Mining Corp.

Page _____ of _____

Structural Log

Date: _____ Logged By: _____

Code	From		To		Feature	Sym	S ₀		S ₁		S ₂		Description
	10	14	16	20			Dip	Direct.	Dip	Direct.	Dip	Direct	
		100		118	B ₁								
		118		138	B.P. 2								
		138		148	B.G.F.S								
		148		152	B ₁ 8								
		152		157	B ₁								
		157		158	G ₁				115 ₂				
		158		169.5	B.P.								
		169.5		112	B.F.P.								
		112		143.9	B.P.								
		143.9		205.5	B ₁								
				213	G ₁								
				272.5	G ₁				115 ₂				
		219		272.5	2B								
		392.0		399.0	B.R.								
		399.0		407	G.B.								
		407		430	NNN								
		434		437	B.G.								
		438		482.4	B.P.T								
		483		484	X ₁								
		497.5		498.5	X ₁								
		501		524	02B ₁								
		520.8		593.0	B.R.F.S								
				711.5	G ₁				115 ₂				
		711.80		721.3	B.X ₁								
		721.13		722.8	G ₁				115 ₂				
		757.8		762.0	B ₁								
		762.0		763.7	G ₁								
		819.2		819.5	G.R.				115 ₂				
		863		865	G ₁			115 ₂					strike 25° @ 190 with dip of 230
		888.5		889.0	G ₁				115 ₂				
				893.3	G ₁				115 ₂				
				895.7	G ₁				115 ₂				
				948	1G				115 ₂				
		1135.4		1139.0	D								

DDH: FAGA051 -- 42 DEGREE PROFILE

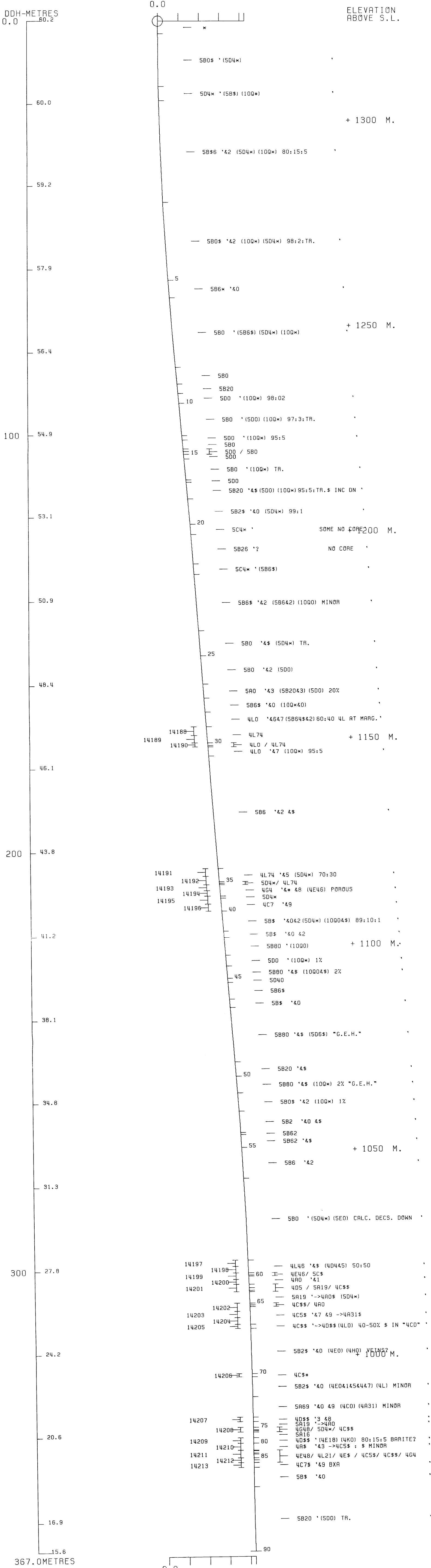
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1312 591994E ; 905104N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 373.2 Z = 1324.1

SECTION NAME: 82W



DDH: FAGA051 -- 42 DEGREE PROFILE

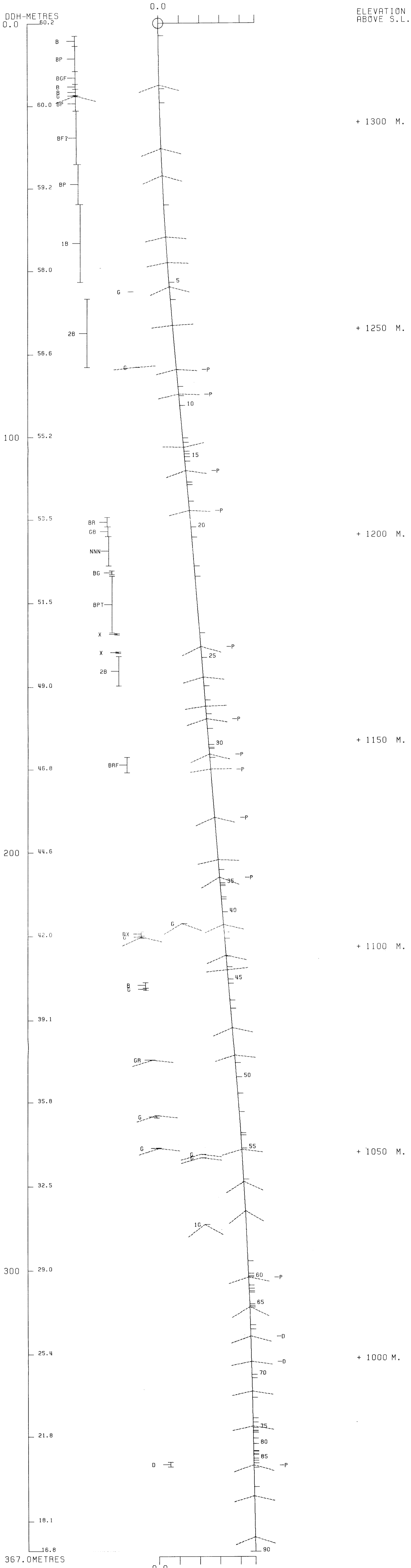
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1312 591994E ; 905104N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 373.2 Z = 1324.1

SECTION NAME: 82W



82W

~~lacks intervals and recoveries
in assay log.~~

done

MM

FAGA 085

DRILL HOLE : FAGA085
NORTHING : 905,154.8
EASTING : 592,120.3
ELEVATION : 1,307.6
TOTAL DEPTH : 431.0
SECTION : W 82
R.F.E. : 52
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS ORE-SAMPLES: 65
NOS DOWN-H-SURVEYS: 8
NOS DOWN-H-LITHOLOGY: 102
NOS DOWN-H-STRUCTURE: 50
NOS DOWN-H-FAULTS: 42
NOS DOWN-H-SPLINES: 8
NOS COMPOSITES: 0

17OCT83 GRUM

DOWN-HOLE SURVEYS (DH020)

PAGE: 4

DDH: FAGA035 UTM-N: 905,154.8 UTM-E: 592,120.3 UTM-ELEV: 1,307.6 TOTAL DEPTH: 431.0 SECTION: W 82
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	177.500	79.000
121.900	174.000	107.000
182.900	173.000	106.000
243.800	173.200	138.000
304.800	172.200	183.000
384.000	172.400	183.000
402.300	172.200	183.000

17OCT83 GRUM

DOWN-HOLE LITHOLOGY (DH020)

PAGE: 5

DDH: FAGA085 UTM-N: 905,154.8 UTM-E: 592,120.3 UTM-ELEV: 1,307.6 TOTAL DEPTH: 431.0 SECTION: W 82
 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
31.1	0002	#		0.5-	1
35.5	0003	5880		0.5-	1
37.2	0004	500		0.5-	1
39.9	0005	5880	[580 & 8]	0.5-	1
40.7	0006	500		0.5-	1
60.2	0007	5880	[580 & 8] (500) MINOR	0.5-	1
60.7	0008	500		0.5-	1
61.9	0009	5880		0.5-	1
63.4	0010	5880		0.5-	1
64.8	0011	500		0.5-	1
65.4	0012	580	& 2 & 8	0.5-	1
65.8	0013	500		0.5-	1
75.6	0014	580	(5880)	0.5-	1
94.2	0015	500	& a	0.5-	1
95.1	0016	58	GOUGE	0.5-	1
105.2	0017	580	& 8 & 2	0.5-	1
116.1	0018	580		0.5-	1
117.3	0019	500	(5880) 50:50	0.5-	1
146.3	0020	580	(5880)(5820)(500)	0.5-	1
146.8	0021	5E0		0.5-	1
166.1	0022	580	& 8 & 2 (500)	0.5-	1
166.7	0023	500		0.5-	1
172.4	0024	580	(500) 80:20	0.5-	1
174.3	0025	50*	& 0	0.5-	1
181.1	0026	5862	(5862a)	0.5-	1
181.4	0027	5862		0.5-	1
184.7	0028	4A4	(4A34)	0.5-	1
185.9	0029	4C0		0.5-	1
186.2	0030	50*	(4D)	0.5-	1
186.8	0031	4A4		0.5-	1
187.3	0032	504*	(4C0)	0.5-	1
196.9	0033	4A0	(5A19)	0.5-	1
200.3	0034	4C0	(5D)	0.5-	1
210.0	0035	4C5	(504*) 95:05	0.5-	1
217.2	0036	4C0	(504*) 95:05	0.5-	1
219.3	0037	400	NO CORE	0.5-	1
223.9	0038	3G0	[504]	0.5-	1
224.5	0039	3G0	(10Q*)	0.5-	1
228.1	0040	4C5	(4D5) 70:30	0.5-	1
230.4	0041	4D5		0.5-	1
239.6	0042	4C5		0.5-	1
242.8	0043	4D5	NO CORE	0.5-	1
246.1	0044	4C5		0.5-	1
246.9	0045	4C0		0.5-	1
247.8	0046	3G9	(383)	0.5-	1
248.0	0047	3G0		0.5-	1
243.7	0048	5D\$		0.5-	1
251.9	0049	383	(3G9) BIOTITE	0.5-	1
257.3	0050	3G9		0.5-	1
258.0	0051	4L0		0.5-	1

DDH: FAGA085 UTM-N: 905,154.8 UTM-E: 592,120.3 UTM-ELEV: 1,307.6 TOTAL DEPTH: 431.0 SECTION: W 82
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
262.9	0052	4C0	(5D*) 97:03	0.5-	1
268.5	0053	4A4	NO CORE	0.5-	1
270.7	0054	4A0		0.5-	1
273.7	0055	4C0	(5D*)(5C*)	0.5-	1
277.7	0056	4A0	(4A4) MINOR	0.5-	1
281.6	0057	4A30		0.5-	1
285.9	0058	4A0		0.5-	1
288.6	0059	4A0	(4L0&7)(5D*4)	0.5-	1
292.9	0060	4A0	83	0.5-	1
296.0	0061	4A4	NO CORE	0.5-	1
299.3	0062	4A0		0.5-	1
303.0	0063	4A4	NO CORE	0.5-	1
304.2	0064	4A0		0.5-	1
304.8	0065	4E4	[4J]	0.5-	1
306.3	0066	4G4	(4E46)	0.5-	1
306.5	0067	5D4*		0.5-	1
313.0	0068	5A0\$	(5D0)	0.5-	1
313.2	0069	5D0		0.5-	1
321.0	0070	5A0\$		0.5-	1
321.3	0071	5D0		0.5-	1
322.8	0072	5A0\$		0.5-	1
328.6	0073	5A6	(3G9)	0.5-	1
337.4	0074	5A0\$	(5A6) [3G9]	0.5-	1
338.3	0075	3G0		0.5-	1
340.6	0076	4D4	NO CORE	0.5-	1
340.9	0077	5D4*	NO CORE	0.5-	1
347.5	0078	4D43	NO CORE	0.5-	1
348.1	0079	5D4*	(10Q0)	0.5-	1
352.3	0080	4D43	[4DE] NO CORE	0.5-	1
357.0	0081	4E0	(4E4) 90:10	0.5-	1
358.0	0082	4D45	NO CORE	0.5-	1
360.6	0083	4D45	.	0.5-	1
361.2	0084	4D0	NO CORE	0.5-	1
367.7	0085	3G9	(10Q*)	0.5-	1
369.3	0086	4L57	(4L14) [5D4* AND 4C]	0.5-	1
370.6	0087	3G9	(4L3) AT BASE	0.5-	1
371.6	0088	3G93		0.5-	1
373.4	0089	4L0	87	0.5-	1
383.0	0090	3G93	*	0.5-	1
389.8	0091	4L0	34 39 86	0.5-	1
390.3	0092	5A6	32	0.5-	1
391.5	0093	4A0		0.5-	1
392.4	0094	4E47	NO CORE	0.5-	1
393.5	0095	4C0		0.5-	1
395.3	0096	4E4	NO CORE	0.5-	1
400.2	0097	5A16	9 (4A0) MINOR	0.5-	1
400.7	0098	4E80	(4C5)	0.5-	1
403.3	0099	4L73	31	0.5-	1
418.9	0100	4L67	9	0.5-	1
425.5	0101	4L73	1 [5D0(383)]	0.5-	1
431.0	0102	5A10	39 (5D6 BIOTITE)	0.5-	1

DDH: FAGA085 UTM-N: 905,154.8 UTM-E: 592,120.3 UTM-ELEV: 1,307.6 TOTAL DEPTH: 431.0 SECTION: W 82
 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	SOC	PROCESS
FAGA085	0.0	34.4	CS2		0	0	0	0	74	230	0		1	1	1
FAGA085	0.0	40.8	CS2	D	0	0	0	0	74	230	0		1	1	1
FAGA085	0.0	46.6	CS2		0	0	0	0	70	230	0		1	1	1
FAGA085	0.0	56.7	CS2		0	0	0	0	65	230	0		1	1	1
FAGA085	0.0	68.9	PS2		0	0	0	0	75	230	0		1	1	1
FAGA085	0.0	77.1	PS2		0	0	0	0	75	230	0		1	1	1
FAGA085	0.0	84.1	CS2		0	0	0	0	85	230	0		1	1	1
FAGA085	0.0	91.1	PS2		0	0	0	0	73	230	0		1	1	1
FAGA085	0.0	98.1	CS2		0	0	0	0	35	230	0		1	1	1
FAGA085	0.0	102.7	PS2		0	0	0	0	80	230	0		1	1	1
FAGA085	0.0	110.3	PS2		0	0	0	0	62	230	0		1	1	1
FAGA085	0.0	117.5	CS2		0	0	0	0	80	230	0		1	1	1
FAGA085	0.0	128.3	CS2		0	0	0	0	80	230	0		1	1	1
FAGA085	0.0	134.1	PS2		0	0	0	0	85	230	0		1	1	1
FAGA085	0.0	141.7	CS2		0	0	0	0	80	230	0		1	1	1
FAGA085	0.0	151.6	CS2		0	0	0	0	80	230	0		1	1	1
FAGA085	0.0	160.6	PS2		0	0	0	0	70	230	0		1	1	1
FAGA085	0.0	166.4	PS2		0	0	0	0	85	230	0		1	1	1
FAGA085	0.0	173.7	PS2		0	0	0	0	85	230	0		1	1	1
FAGA085	0.0	177.7	PS2		0	0	0	0	75	230	0		1	1	1
FAGA085	0.0	187.5	PS2		0	0	0	0	60	230	0		1	1	1
FAGA085	0.0	191.7	CS2		0	0	0	0	65	230	0		1	1	1
FAGA085	0.0	204.5	CS2		0	0	0	0	62	230	0		1	1	1
FAGA085	0.0	210.3	PS2		0	0	0	0	67	230	0		1	1	1
FAGA085	0.0	219.8	PS2		0	0	0	0	65	230	0		1	1	1
FAGA085	0.0	221.9	PS2		0	0	0	0	60	230	0		1	1	1
FAGA085	0.0	232.6	PS2		0	0	0	0	55	230	0		1	1	1
FAGA085	0.0	237.1	PS2		0	0	0	0	70	230	0		1	1	1
FAGA085	0.0	247.5	PS2		0	0	0	0	78	230	0		1	1	1
FAGA085	0.0	253.3	PS2		0	0	0	0	82	230	0		1	1	1
FAGA085	0.0	259.1	PS2		0	0	0	0	74	230	0		1	1	1
FAGA085	0.0	272.8	PS2		0	0	0	0	82	230	0		1	1	1
FAGA085	0.0	278.9	CS2	M	0	0	0	0	74	230	0		1	1	1
FAGA085	0.0	285.6	CS2	M	0	0	0	0	90	230	0		1	1	1
FAGA085	0.0	303.0	PS2		0	0	0	0	80	230	0		1	1	1
FAGA085	0.0	310.3	PS2		0	0	0	0	65	230	0		1	1	1
FAGA085	0.0	316.1	PS2		0	0	0	0	75	230	0		1	1	1
FAGA085	0.0	327.4	PS2		0	0	0	0	80	230	0		1	1	1
FAGA085	0.0	328.9	PS2		0	0	0	0	70	230	0		1	1	1
FAGA085	0.0	362.1	PS2		0	0	0	0	66	230	0		1	1	1
FAGA085	0.0	366.2	PS2		0	0	0	0	75	230	0		1	1	1
FAGA085	0.0	373.1	PS2		0	0	0	0	80	230	0		1	1	1
FAGA085	0.0	381.8	PS2		0	0	0	0	85	230	0		1	1	1
FAGA085	0.0	387.7	PS2		0	0	0	0	80	230	0		1	1	1
FAGA085	0.0	397.8	PS2		0	0	0	0	68	230	0		1	1	1
FAGA085	0.0	404.9	PS2		0	0	0	0	75	230	0		1	1	1
FAGA085	0.0	412.4	PS2		0	0	0	0	80	230	0		1	1	1
FAGA085	0.0	419.4	PS2		0	0	0	0	90	230	0		1	1	1
FAGA085	0.0	427.0	PS2		0	0	0	0	75	230	0		1	1	1
FAGA085	0.0	429.8	PS2		0	0	0	0	70	230	0		1	1	1

17OCT83 GRUM

DOWN-HOLE FAULTS (DHO20)

PAGE: 8

DDH: FAGA085 UTM-N: 905,154.8 UTM-E: 592,120.3 UTM-ELEV: 1,307.6 TOTAL DEPTH: 431.0 SECTION: W 82
 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
FAGA085	6.0	31.0	NNN				0	0	0	1
FAGA085	0.0	32.9	1G				0	99	999	1
FAGA085	35.5	37.1	P	8			0	0	0	1
FAGA085	0.0	42.6	1G				0	99	999	1
FAGA085	0.0	49.3	B1P				0	0	0	1
FAGA085	0.0	51.8	1G				0	0	0	1
FAGA085	0.0	52.5	1G				0	0	0	1
FAGA085	0.0	53.6	1G				0	99	999	1
FAGA085	54.2	55.1	B1P?				0	0	0	1
FAGA085	60.1	60.6	B	7			0	0	0	1
FAGA085	60.6	61.8	G				0	0	0	1
FAGA085	61.8	63.3	B	5			0	0	0	1
FAGA085	0.0	63.3	G				0	0	0	1
FAGA085	63.3	65.6	3B	6			0	0	0	1
FAGA085	0.0	67.0	B				0	0	0	1
FAGA085	0.0	67.6	B				0	0	0	1
FAGA085	0.0	69.1	B				0	0	0	1
FAGA085	0.0	73.1	1G				0	0	0	1
FAGA085	0.0	73.3	1G				0	0	0	1
FAGA085	0.0	75.2	BP				0	0	0	1
FAGA085	0.0	78.0	B1G				0	0	0	1
FAGA085	79.8	83.5	B1P?				0	0	0	1
FAGA085	94.1	95.0	G				0	0	0	1
FAGA085	121.6	122.5	B1G				0	0	0	1
FAGA085	156.6	160.3	B1G				0	0	0	1
FAGA085	181.0	181.3	G			99	999	99	999	1
FAGA085	217.1	219.3	NNN				0	0	0	1
FAGA085	223.8	224.4	B1P?				0	0	0	1
FAGA085	239.5	242.7	NNN				0	0	0	1
FAGA085	247.8	247.9	G				0	99	999	1
FAGA085	262.8	268.5	NNN				0	0	0	1
FAGA085	292.8	295.9	NNN				0	0	0	1
FAGA085	299.3	302.9	NNN				0	0	0	1
FAGA085	337.4	338.3	XFB				0	0	0	1
FAGA085	333.3	347.4	NNN				0	0	0	1
FAGA085	347.4	348.0	XBQ				0	0	0	1
FAGA085	348.0	352.3	NNN				0	0	0	1
FAGA085	356.9	357.0	NNN				0	0	0	1
FAGA085	360.5	361.1	NNN				0	0	0	1
FAGA085	361.1	367.7	B				0	0	0	1
FAGA085	391.5	392.4	NNN				0	0	0	1
FAGA085	393.4	395.3	NNN				0	0	0	1

17OCT83 GRUM

DOWN-HOLE SPLINES (DH020)

PAGE: 9

DDH: FAGA085 UTM-N: 905,154.8 UTM-E: 592,120.3 UTM-ELEV: 1,307.6 TOTAL DEPTH: 431.0 SECTION: W 82
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH SEGMENT NOS COND INDICATOR

FAGA085	1	2
FAGA085	2	2
FAGA085	3	2
FAGA085	4	2
FAGA085	5	2
FAGA085	6	2
FAGA085	7	2
FAGA085	8	1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Date: 25 July 1982

Hole Number: FAG A085

Reference Fabric Orientation Diagram:

Project: GRUM

Location: VANGORDA PLATEAU 10SK3

Claim: GRUM 3

Terr. Plane Co-ords.: 905154.8 N

592120.3 E

Grid Co-ords: 4N

82W

Elevation: 1307.6 m (C.A.M.C.)

Total Depth: 1414' (431.0 m)

Purpose: to test ore

Reason hole Terminated: tested ore but short hole

Logged by: DSJ/GAT

Date(s) Logged: 26, 27 June 82

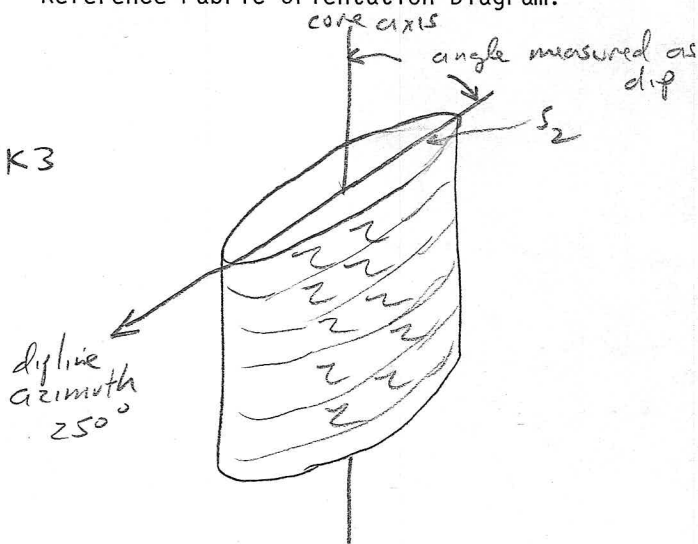
Drilling Contractor: Cameron MacCutcheon

Size	CORE From	To	Collar Cased and Capped:
BW	0'	100'	no
BQ	100'	1414'	

Hole Cemented: yes

Steel down hole: no

Started: 13 June 75 Completed: 26 June 75



All symmetry determinations looking

NW with S2 dipping

SW with dip azimuth 250. WAS (in 1982) 225 below 150m

this now changed to 230° for entire hole

transform Kerr-Adairson grid coordinates

K-A elev. 10.61

Note on assay log. KA interval and recovery needed C.A.M.C. recovery from KA needed

DDH FAGGA085
2 8

Diamond Drill Core Log

Date: 25 July 82 Logged By: DSJ/GAJ/DJH
(this page)

Code	Drillhole	Elevation	Northing	Easting	Units (feet/metres)	R.F.E.
I	2 8 10 16 17 24 25 32 34 39 41 42					
T	FAGGA085	11307.6	9051541.8	5921201.3	FEET	512

Code	Drillhole	Depth		Zenith Angle		True Azimuth		Comments
		10	14	22	26	32	34	
R	FAGGA085	0		180.0		90.0		AT COLLAR
R	FAGGA085	200		177.5		079.0		BY SPERRY SUN
R	FAGGA085	400		174.0		107.0		
R	FAGGA085	600		173.0		106.0		
R	FAGGA085	800		173.2		138.0		
R	FAGGA085	1000		172.2		183.0		
R	FAGGA085	1200		172.4		183.0		
R	FAGGA085	1320		172.2		183.0		

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

Lithologic Log

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	0	2.00		1	*	overburden
L	2.00	10.20		2	*	bedrock not cored according to F. Chow
L	10.20	11.65		3	SB80	minor S ₂ foliaform gouge near 108.
L	11.65	12.20		4	SD0	core loss approx .5 ft
L	12.20	13.10		5	SB80	[530 ± 8]
L	13.10	13.35		6	SD0	
L	13.35	19.75		7	SB80	[530 ± 8] (SD0) minor S ₂ foliaform gouge at 140, broken core minor gouge + core loss at 162 possible fault 178 to 181 zone of OQO mainly broken but no gouge minor S ₂ gouge at 176 & 170 or 172.5 end of interval marked by broken OQO + minor core loss there.
L	19.75	19.90		8	SD0	30% core loss, broken core
L	19.90	20.30		9	SB80	Gouge
L	20.30	20.80		10	SB80	core broken, 50% recovery indeterminate gouge at base
L	20.80	21.25		11	SD0	60% core recovery, badly broken core in general N
L	21.25	21.45		12	SB0	± 2, 18
L	21.45	21.60		13	SD0	
L	21.60	24.80		14	SB0	(SB80) broken core + ^{minor} core loss near 220 & 222, 237, minor indeterminate gouge at 240 & 240.5
L	24.80	30.90		15	SD0	I* * =ankerite, core broken near 247, minor core loss assumed 1 ft broken core + very minor ^{indeter.} gouge near 256, cor. mod. broken & rusty weathering, 262 to 274. no major core loss, some evidence of steeply dipping fault zone, making core L 25° but major displacement unlikely, only certain minor SAG in beds near 273 + has well developed ^{Oct. M. C. 1986 F-3} structure between 275 & 300 approx. SB8 slight gray tinge to foliation surfaces.

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	31090	31120		116	5B	gouge upper contact is fault dipping 45° lower contact marked by S ₂ foliation @ 0° but indeterm. altitude internal gouge sub-horizontal // S ₂ above + below gouge zone
L	3120	3450		118	5B0	± B, ± 2 (mostly -)
L	3450	3810		118	5B0	
L	3810	3850		119	5D0	(5B80) 50:50
L	3850	4800		120	5B0	(5B80) (5B20) (5D0), 399 to 402 core broken, minor indeterminate gouge + core loss, remainder of unit unbroken, most carbonaceous rock in last 5ft
L	4800	4815		121	5E0	
L	4815	5450		122	5B0	± B (5D0) ± 2 towards top core broken 514 to 526, no major core loss, minor gouge near 521 + 526 both indeterminate, remainder unit intact
L	5450	5470		123	5D0	
L	5470	5655		124	5B0	(5D0) 80:20
L	5655	5720		125	5D*	± 0, minor gray sed. elementary interbands.
L	5720	5940		126	5B62	(5B62*) ankerite &/or dolo could be considered 5A*, similar to dolomitic marker at base of Vangorda
L	5940	5950		127	5B62	entirely gouged, contacts appear // S ₂ but uncertain, internal gouge appears // S ₂
L	5950	6060		128	4A4	(4A34)
L	6060	6100		129	4C0	
L	6100	6110		130	5D*	(4D)
L	6110	6130		131	4A4	
L	6130	6145		132	5D4*	4C0 fuchite bearing

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	16145	16460		33	4A0	(5A19)
L	16460	16570		34	4C0	(5D) 8" of SD at 619
L	16570	16890		35	4CS	(5D4*) 95:5, SD occurs as thin interbands ranging from 2 to 15 cm in thickness,
L	16890	17125		36	4C9	(5D4*) 95:5, SD is fuchite bearing & occurs in bands down to 1 cm in thickness
L	17125	17195		37	4D0	core missing, interp. from K-A log
L	17195	17345		38	3G0	(SD4)
L	17345	17365		39	3G0	(0Q*) unit entirely broken, prob fault zone 0Q* is brecciated & carries pyrite & traces of calco-phyllite
L	17365	17485		40	4CS	(4DS) 97:30
L	17485	17560		41	4DS	
L	17560	17860		42	4CS	well dev. phyllitic parting toward base.
L	17860	17965		43	4DS	core missing, interp. K-A log
L	17965	8075		44	4CS	
L	8075	8100		45	4C0	last few inches is grad thru 4CS to 3G9
L	8100	8130		46	3G9	(3B3)
L	8130	8135		47	3G0	gouge appears 1/2
L	8135	8160		48	SDX	dolo base appears, gradational into underlying unit
L	8160	8265		49	3B3	(369) "calc-silicate", 3B3 is biotite bearing
L	8265	8440		50	3G9	
L	8440	8465		51	4L0	
L	8465	8625		52	4C0	(SDX) 97:3 SD contains minor fuchite & occurs in thin interbands randomly thru out core, suspect unit may have been 4CS over printed by 4L type alterations because of gradation downward increase in intensity of 4L dev. in overlying unit

DDH FAG A 0 85
2 8

Cyprus Anvil Mining Corp.

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Lithologic Log

Date: 26 June 82 Logged By: DS/AL/MY/DC

Code	From	To	Recov.	No.	Unit	Description
L	8625	8810		53	4A4	interp. from K-A log, core miss. abundance of graphitic chips in core + assay make this definitely 4A4
L	8810	8880		54	4A0	
L	8880	8980		55	4C0	(SDX)(SC*) latter is thin bands
L	8980	9110		56	4A0	minor 4A4 from 8990-901 + 910-911
L	9110	9240		57	4A30	pyrite rich, appears to be thin unit running down drill core axis
L	9240	9380		58	4A0	layering vertical thru much of unit
L	9380	9470		59	4A0	(4L0+7)(SD*4) SD appears to be going to 4L but minor fuch. re remains in places
L	9470	9608		60	4A0	#3 9
L	9608	9710		61	4A4	No Core Int'd from K.A. log
L	9710	9820		62	4A0	Monotonously homo & low grade
L	9820	9940		63	4A4	Core Missing Interp. from K.A. log Also interp from K.A. log is a downward facing cycle
L	9940	9980		64	4A0	
L	9980	10000		65	4E4	[4J]
L	10000	10050		66	4E4	(4E46) Very Baritic at Base. LAST 3 units appear to be a downward facing cycle
L	10050	10055		67	5D4*	
L	10055	10270		68	5A0*	(5D0) * = Dolomite Unit is a conspicuously H & dark grade interbanding of dolomitic siltstone & carbonaceous pelite
L	10270	10275		69	5D0	
L	10275	10530		70	5A0*	* = DOLOMITE As Unit #67
L	10530	10540		71	5D0	
L	10540	10590		72	5A0*	* = DOLO As #67

Lithologic Log

Date: 16 June 82 Logged By: DSI/G.I./AM/DC

Code	From				To				Recov.	No.	Unit	Description
	10	14	16	20	22	24	26	28				
L	10590		10780							73	5A6	(369) Unit becomes lighter coloured downwards and seems rich in the silty bands which do not fizz under any conditions.
L	10780		11070							74	5A0*	* = Dolo (5A6) [369, not black. Throughout]
L	11070		11100							75	360	Breccia - indicates fault zone but core is too broken to determine attitude.
L	11100		11175							76	4D4	Interp. from K.A. log
L	11175		11185							77	5D4*	Interp. from K.A. log
L	11185		11400							78	4D4.3	Core missing. Interp from K.A. log
L	11400		11420							79	5D4*	(00*) Breccia - Core badly broken but all surrounding sections pivoted so you can't get the contact with the surrounding Breccia
L	11420		11560							80	4D4.3	Core missing Interp. from K.A. log
L	11560		11712							81	4E9	(4E4) Proportions 9/10
L	11712		11745							82	4D44.5	Core missing Interp from K.A. log
L	11745		11830							83	4D44.5	
L	11830		11850							84	4D0	Core missing Interp from K.A. log
L	11850		12065							85	369	(00*) Core broken but normal recovery: No gouge. Minor pyritite in S ₂ parallel veins.
L	12065		12115							86	4L57	(4L14) [From 5D4* and 4C??]
L	12115		12160							87	369	(4L3) - towards base of the unit.
L	12160		12190							88	369.3	Med. Grey.
L	12190		12250							89	4L0	±7
L	12250		12730							90	369.3*	Transitional to 5A0* But really not black enough for 5A0 Contains minor pyritite in the calc.-quartz bands. Lt. bands also carry Ankerite. Unit contains good lithon structure but not really very similar to 5BZ
L	12730		12790							91	4L0	±4±9±6 Derived from 5D4*?
L	12790		12820							92	5A6	±2

Lithologic Log

Date: 26 JUNE 82 Logged By: DSJ/GJ

Code	From				To				Recov.	No.				Unit	Description
	10	14	16	20	22	24	26	28		30	34	35			
L	12820		12845								93		4A01		
L	12845		12875								94		4E47	Core Missing. Interp from K.A. log	
L	12875		12910								95		4C01	Transitional to 4L14	
L	12910		12970								96		4E41	Core Missing Int. From K.A. log	
L	12970		13129								97		5A1169	(4A0) Minor. Both pyrite i po.	
L	13129		13146								98		4E80	(4C5)	
L	13146		13230								99		4L73	±1	
L	13230		13745								100		4L679	Probably derived from 360±9±3 "calc. sil." Note pyrite occurs in thin stringers deformed by ⁵² They are associated with chlorite, quartz, and Ankerite	
L	13745		13960								101		4L73	1 (500' [3B3]) There are trace amounts of calcopyrite	
L	13960		14140								102		5A110	±9 (506 biotitic) Only weakly calc. and is hard (siliceous throughout) - Sulphides are pyrite and even some trace sphalerite. 1414 = EOH.	

DDH FAGA085
 2 8
 Feet.

Cyprus Anvil Mining Corp.

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Structural Log

Date: JUNE 27/82 Logged By: G.J.

Code	From		To		Feature	S ₁ E	S ₀		S ₁		S ₂		Description
	10	14	16	20			Dip	Direct.	Dip	Direct.	Dip	Direct.	
S				1113	0	CSZ					74	250	
S				1134	0	INDP					74	250	
S				1530	0	CSZ					70		
S				1860	0	CSZ					65		
S				2226	0	INDP					75		
S				2530	0	INDP					75		
S				2776	0	CSZ					85		
S				2990	0	INDP					73		
S				3220	0	CSZ					85		
S				3370	0	INDP					80		
S				3620	0	INDP					62		
S				3855	5	CSZ					80		
S				4210	0	CSZ					80		
S				4400	0	INDP					85		
S				4165	0	CSZ					80	225	T ↓
S				4975	5	CSZ					80		
S				5270	0	INDP					70		
S				5460	0	INDP					85		
S				5700	0	INDP					85		
S				5830	0	INDP					75		
S				6150	0	INDP					60		
S				6290	0	CSZ					65		
S				6210	0	CSZ					62		
S				6910	0	INDP					62		
S				7210	0	INDP					65		
S				7280	0	INDP					60		
S				7630	0	INDP					55		
S				7780	0	INDP					70		
S				8120	0	INDP					78		
S				8310	0	INDP					82		
S				8500	0	INDP					74		
S				8950	0	INDP					82		
S				9150	0	CSZM					74		
S				9370	0	CSZM					70		
S				9940	0	INDP					80		
S				10180	0	INDP					65		

Structural Log

Date: JUNE 27/82 Logged By: G.J.

Code	From		To		Feature	E S	S ₀		S ₁		S ₂		Description	
	10	14	16	20			22	24	26	28	32	34		38
S			1,0370		INDP							75	225	
S			1,0740		INDP							80		
S			1,0790		INDP							70		
S			1,1880		INDP							66		
S			1,2015		INDP							75		
S			1,2240		INDP							80		
S			1,2525		INDP							85		
S			1,2920		INDP							80		
S			1,3050		INDP							68		
S			1,3285		INDP							75		
S			1,3530		INDP							80		
S			1,3760		INDP							90		
S			1,4010		INDP							75		
S			1,4100		INDP							70		

DDH FAGA 085 Cyprus Anvil Mining Corp

FEET

ASSAY LOG (SAMPLER'S COPY)

Date _____

Logged by _____

Sampled by _____

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION						
	10	14	16	20	22	26	28	30	32	34	36	40	42
P	595	608	12579	10	9	4A4							
P	608	611	12580	10	13	4C5							
P	611	614	12581	14	14	4A4	(SD*)(4D0)(4C0)						
P	614	621	12582	16	15	4A0	(SA19)						
P	621	627	12583	16	16	4A0	(SA19)						
P	627	633	12584	16	16	4A0	(SA19)						
P	633	640	12585	17	17	4A0	(SA19)						
P	640	646	12586	16	16	4A0	(SA19)						
P	646	652	90414	16	16	4C0	part of KA 1946						
P	652	662	90415	10	10	4C0	4C5 1947						
P	662	672	90416	10	10	4C5	(SD4*) 1948						
P	672	682	90417	10	10	4C5	(SD4*) 1949						
P	682	692	90418	10	10	4C5	(4C0) 1950						
P	692	702	90419	10	10	4C0	(SD4*) 1951						
P	702	712	90420	10	9	4C0	(SD4*) 1952						
P	712	718	90421	5	5	4D0	(SD4*)(4C0) 1953						
P	721	728	90422	16	16	3G0	(00*) 1954						
P	728	736	90423	8	4	3G0	(00*) most of 1955						
P	736	739	12587	16	15	4C5							
P	739	748	12588	16	16	4C5							
P	748	756	12589	17	17	4D5							
P	756	762	12590	16	16	4C5							
P	762	768	12591	16	16	4C5							
P	768	774	12592	16	16	4C5							
P	774	780	12593	16	16	4C5							
P	780	786	12594	16	16	4C5							
P	786	796	90449	10	10	4D5	KA#1962						
P	796	802	12595	16	16	4C5							
P	802	807	12596	5	5	4C5							
P	807	810	12597	2	2	4C0							
P	841	856	90424	11	11	4C0	(SD*) KA#1965						
P	856	862	90425	5	5	4C0	(SD*) 1966						
P	862	868	90426	16	16	4A4	1967						
P	868	873	90427	5	5	4A4	1968						
P	873	881	90428	7	7	4A4	1969						

Note: recoveries taken from Kerr Addison logs.

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
I	10 14 16 20 22 26 28 30 32 34 36 40 42						
P	8811	8878	90429	167	167	4A0	KA 1970
P	8878	8975	90430	197	197	4C0	(5C*)(5D*)(4A4) " 1971
P	8975	9110	90431	135	128	4A0	" 1972
P	924	934	90432	100	80	4A30	" 1975
VP	9470	9540	12598	170	166	4A0	±3±9
VP	9540	9608	12599	168	168	4A0	±3±9
P	9608	9710	90433	103	100	4A4	KA #1980
VP	9710	9820	12600	110	100	4A0	
P	9820	9935	90434	115	110	4A4	KA #1982
VP	9935	9981	12601	146	146	4A0	(4A0)
VP	9981	10048	12602	167	167	4G4	(4E46)(4E4)
P	11092	11183	90435	191	191	4D4	(5D4*) KA #1985
P	11183	11280	90436	197	197	4D43	" 1986
P	11280	11360	90437	80	80	4D43	" 1987
P	11360	11400	90438	140	140	4D43	" 1988
P	11420	11520	90439	100	100	4D43	" 1989
P	11520	11560	90440	140	140	4E0	" 1990
VP	11560	11640	12603	180	180	4E0	(4E4)
VP	11640	11712	12604	172	165	4E0	(4E4)
P	11712	11740	90441	128	120	4D45	KA 1994
VP	11740	11790	12605	150	147	4D45	
VP	11790	11830	12606	140	138	4D45	
P	11830	11865	90442	135	135	4D0	KA #1996
P	12025	12090	90443	165	165	4L57	(4L14)(3G9)(09*) KA #1997
P	12090	12110	90444	120	120	4L57	(4L14) 1998
P	12820	12846	90445	126	126	4A0	KA #1999
P	12846	12875	90446	129	129	4E47	" 2000
VP	12875	12909	12607	134	134	4C0	
P	12909	12965	90447	156	156	4E4	?recy as error on KA log. " 2302
P	13129	13146	90448	127	126	4E80	(4C5) " 2303

DDH FAG.A.0.8.5
 2 FEET 8

Cyprus Anvil Mining Corp.

Research Samples

Date: 28 June Sampled By: GJ

Code	From	To	No.	Unit	Purpose
I	10 14 16	20 22 24	26 30		
H	642.5	652.5		400	Assay for gold - unit contains notable arsenopyrite and low total S - KA assay # 1946 our 90414
H	692.5	702.5		400	" KA tag # 1951 our 90419
					Should consider the entire interval 642.5 - 712.5 for Au assay

DDH F16A085
2 8

Cyprus Anvil Mining Corp.

Page _____ of _____

Structural Log

Date: _____ Logged By: _____

Code	From		To		Feature	Sym	S ₀		S ₁		S ₂		Description
	10	14	16	20			22	24	26	28	32	34	
	1210	0	1020	0	N,N,N								
			108		G				1/S ₂				
	1116	5	1220	0	P	8							
			140		G				1/S ₂				
			162		B,P								
	178		181		B,F?								
			476		G				1/S ₂				
			170		G								
			172	5	G								
	197	5	199	0	B	7							
	199	0	203	0	G								
	203	0	208	0	B	5							
			208	0	G								
	208		215	5	B	6							
			220		B								
			222		B								
			227		B								
			240		G								
			240	5	G								
			247	0	B,P								
			256		B,G								
	262		274		B,F?								steep
	309		312		G								
	399		402		B,G								
	514		526		B,G								
	594		595		G			1/S ₂	1/S ₂	1/S ₂			
	712	5	719	5	N,N,N								
	734	5	736	5	B,F?								
	786		796	5	N,N,N								
	813		813	5	G				1/S ₂				
	862	5	881		N,N,N								
	860	8	971	0	N,N,N								
	982		994	0	N,N,N								
	1107	0	1110	0	XFB								
	1110	0	1140	0	N,N,N								
	1140	0	1142	0	XBO								

Code	From		To		Feature	SYM	S ₀		S ₁		S ₂		Description
	10	14	16	20			Dip	Direct.	Dip	Direct.	Dip	Direct.	
1	10	14	16	20	22	24	26	28	32	34	38	40	44
	1142	0	1156	0	NNN								
	1171	2	1171	4	NNN								
	1183		1185	0	NNN								
	1185		1206	5	B								
	1284	5	1287	5	NNN								
	1291	0	1292	0	NNN								

DIAMOND DRILL RECORD

LOGGED BY M. deQuadros

PROPERTY _____

D.D.H. No. 75-A85 PAGE 3 of 9

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

CLAIM No. _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

DIRECTION AND DISTANCE FROM

ELEVATION _____ DIP TESTS _____ DEPTH Proposed: _____ Ultimate: _____

NE. CLAIM POST



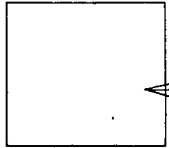
FOOTAGE		DESCRIPTION	Rec. Ft.	Sample No.	Footage		Sample Length	Assay					Assay x Feet				
FROM	TO				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag		
171.9 564	181.4 595	QUARTZ - SERICITE ± CHLORITE PHYLLITE Dark gray Dark gray, banded. F2 strongly developed. F1 minor, not generally seen. Very fissile. Gouge @ 572-573' and 594.3-595'. F2: 573' = 65°, 582' = 80°.				564	595										
595	196.9 646	QUARTZ - SERICITE ± GRAPHITE ± SULPHIDES - PHYLLITE Dark gray Banded, competent but good partings. 90° C.A. Quartz, 65-80%, sericite 10-15%, graphite 5-10%, sulphides 0-20%. 595-603.5' -- 17% pyrite, 8% lead-zinc -612.7' -- 10% pyrite, 10% lead-zinc with green flakey mica - fuschite 613.5-646' -- very graphitic: F2 uneven, average 60°. 612.7-622.5' -- 5% pyrite, 2% lead-zinc -632.5' -- 5-6% pyrite, 2-3% lead-zinc -642.5' -- 5-6% pyrite, 4% lead-zinc (618-619' -- very broken)	7.5	1941	595	603.5	8.5	2.18	4.44	1.18				18.30	37.74	10.03	
					603.5	605.0	(1.5)							2.425	4.95	1.32	
			8.5	1942	603.5	612.7	9.2	1.65	3.30	0.88							
			9	1943	612.7	622.5	9.8	0.83	2.40	0.41							
			10	1944	622.5	632.5	10	1.23	2.10	0.56							
			10	1945	632.5	642.5	10	1.18	0.96	0.29							
					Wt. Au	595.0	605.0	10.0	2.10	4.27	1.14	(389)		21.025	42.69	11.35	
					Wt. Ag	612.7	642.5	29.8	2.9	10.20				8.7	14.80		
646	262.9 862.5	BLEACHED, QUARTZ - SERICITE PHYLLITE Light gray Fine-grained, light gray well foliated rock, generally competent with poor partings along F2. 642-652.5' -- 8% pyrite, 3% lead-zinc, F2 60° -662.5' -- 10% pyrite, 4% lead-zinc -672.5' -- 10% pyrite, 3% lead-zinc, F2 60° -682.5' -- 10% pyrite, 4% lead-zinc 672-675' -- very broken -692.5' -- 8% pyrite, 2% lead-zinc. F2 62° -702.5' -- 10% pyrite, 4% lead-zinc. F2 65°															
			10	1946	642.5	652.5	10	0.25	0.62	0.18							
			10	1947	652.5	662.5	10	0.40	1.08	0.26							
			10	1948	662.5	672.5	10	0.83	0.94	0.38							
			9	1949	672.5	682.5	10	0.43	0.68	0.15							

DIAMOND DRILL RECORD

LOGGED BY M. deQuadros

D.D.H. No. 75-A85 PAGE 5 of 9

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



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


FOOTAGE		DESCRIPTION	Rec. Ft.	Sample No.	Footage		Sample Length	Assay					Assay x Feet			
FROM	TO				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag	
			10	1965	846.5	856.5	10	0.60	1.10	0.29						
			5.5	1966		862	5.5	0.38	0.61	0.21						
262.7	304.2															
862.0	998.1	MASSIVE, QUARTZ - SULPHIDE ROCK Gray														
		Fine-grained quartz rich rock with varying amounts of sulphide and minor sericite and graphite. Grades into massive sulphide and sericite or graphite phyllite.	6.2	1967	862.0	868.2	6.2	3.83	3.96	1.38			23.75	24.55	8.556	
		862,0-868,2' -- quartz-graphite sulphide. 25-30% pyrite, 8% lead-zinc	5.1	1968		873.3	5.1	2.38	3.72	0.88			12.14	18.97	4.486	
		-873.3' -- as above. 6% pyrite, 6% lead-zinc	7.8	1969		881.1	7.8	4.73	5.40	1.91			36.89	42.12	14.898	
		-881.1' -- as above. 25% pyrite, 12% lead-zinc	6.7	1970		887.8	6.7	0.98	1.68	0.50						
		-887.8' -- as above. 20% pyrite, 6% lead-zinc	9.7	1971		897.5	9.7	0.34	0.28	0.18						
		-897.5' -- bleached quartz-sericite phyllite. F2 70°. Barren from 889-892'. 2% pyrite, 1-2% lead-zinc.	12.8	1972		911	13.5	1.20	1.42	0.68						
		-911' -- quartz-graphite phyllite. F2 85°. 10% pyrite, 0.5% lead-zinc			Wt. Au	862.0	881.1	19.1	3.81	4.48	1.46	(50.2% Au)	72.778	85.644	27.942	
		-918' -- quartz-graphite-sericite (?) - sulphide rock. F2 = 80°	7/7			918	-									
		-924' -- 15% pyrite, 0% lead-zinc. 924-924' -- very broken	5.6/6			924	-									
		-939' -- quartz-graphite-sulphide phyllite. Prominent folded F2 planes, large open. Green mica @ 936-937' and quartz vein. 15% pyrite, trace of lead-zinc.	8.0	1975		934	10.0	1.38	1.40	0.62						
		939 -947.7' -- quartz-graphite-sericite phyllite, partly bleached, with quartz vein 942-942.6'.	8.7/8.7			947.7										
		-956.2' -- partly barren, 10% pyrite, 1% lead-zinc	8	1978		956.2	8.5	1.14	1.48	0.65						
		-960.8' -- quartz-graphite-sulphide phyllite with open F2 folds. 15-20% pyrite, 0.5% lead-zinc.	4.6	1979		960.8	4.6	0.12	0.32	0.15						
		-993.5' -- quartz-graphite-sulphide phyllite. F2 60°. 8-10% pyrite, 2-3% lead-zinc. (960.8-971 --7% lead-	10	1980		971	10.3	4.13	3.96	1.32						

DIAMOND DRILL RECORD

LOGGED BY M. deQuadros

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

D.D.H. No. 75-A85 PAGE 6 of 9

CLAIM No. _____

 DIRECTION AND DISTANCE FROM
 NE. CLAIM POST

FOOTAGE		DESCRIPTION	Rec. Ft.	Sample No.	Footage		Sample Length	Assay					Assay x Feet			
FROM	TO				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag	
		F2 contorted, but generally in open folds with axis 90° C.A. F2 generally 90° C.A.	10	1981		982	11	1.22	1.54	0.47						
		-998.1' -- as above. 8-10% pyrite, 2% lead-zinc	11.0	1982		993.5	11.5	2.78	2.82	1.06						
			4.6	1983		998.1	4.6	0.07	0.18	0.18						
304.2	306.3					(994.8 - 998.1)	(3.3)						0.231	0.594	0.594	
998.1	1004.8	MASSIVE SULPHIDE + QUARTZ + BARITE 998.1-1004.8' -- 40-45% pyrite, 14-16% lead-zinc	6.7	1984	998.1	1004.8	6.7	6.63	12.77	3.38			44.421	85.559	22.646	
					<u>Wt. Av.</u>	994.8	1004.8	10.0	4.47	8.62	2.32	(79.7)	44.652	86.153	23.240	
1004.8	338.1 1109.2	BANDED, QUARTZ - GRAPHITE PHYLLITE Medium gray. Laminated, fissile, incompetent with minor chlorite and calcite. Occasional pyrite-lead-zinc as blebs and rare disseminated crystals. F1 well preserved, F2 generally 60-80° C.A. Generally broken, shear @ 1045-1046'. Overall, pyrite less than 0.2%, trace of lead-zinc. 1108-1110' -- green with sericite + fuschite; pyrrhotite @ 1020.2'.	102/ 104.4			1004.8	1109.2									
1109.2	361.6 1186.5	QUARTZ - SULPHIDE, BANDED WITH MINOR QUARTZ-CALCITE + BARITE 1109.2-1117.9'-- quartz-sulphide, 20% pyrite, 15% lead-zinc -1118.3'-- quartz-chlorite phyllite, minor sulphide -1140' -- massive quartz-sulphide with minor calcite + barite. F2 45°. 50% pyrite, 10-15% lead-zinc. -1142' -- quartz-chlorite, barren -1156' -- 65% pyrite, 10% lead-zinc (1155-1156-breccia healed) -1160' -- 70% pyrite, 4-6% lead-zinc -1165.5'-- 70% pyrite, 6.5% lead-zinc	9.1	1985	1109.2	1118.3	9.1	4.43	6.75	1.91			40.3	61.43	17.381	
			9.7	1986		1128	9.7	5.25	6.96	1.91			50.93	67.51	18.527	
			8	1987		1136	8.0	5.23	11.53	2.35			41.84	92.24	18.80	
			4	1988		1140	4.0	4.85	7.48	1.88			19.40	29.92	7.52	
					<u>Wt. Av.</u>	1117.0	1128.0	11.0	5.15	6.94	1.91	(65.5)	16.884	26.287	21.010	
					<u>Wt. Av.</u>	1128.0	1140.0	12.0	5.10	10.18	2.19	(75.2)	61.24	122.16	26.32	

DIAMOND DRILL RECORD

LOGGED BY M. deQuadros

PROPERTY _____

D.D.H. No. 75-A85 PAGE 7 of 9

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

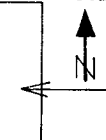
CLAIM No. _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

DIRECTION AND DISTANCE FROM

ELEVATION _____ DIP TESTS _____ DEPTH Ultimate: _____

NE. CLAIM POST



FOOTAGE		DESCRIPTION	Rec. Ft.	Sample No.	Footage		Sample Length	Assay					Assay x Feet		
FROM	TO				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag
		<i>1165.5</i> -1171.2' -- 70% pyrite, 8% lead-zinc	2/2		1140	1142	-						0	0	0
		-1174' -- 25% pyrite, 15% lead-zinc	10	1989		1152	10	5.98	9.03	2.35			59.80	90.30	23.50
		-1183' -- 22% pyrite, 30% lead-zinc													
		-1186.5' -- 25% pyrite, 15% lead-zinc	4	1990		1156	4	4.54	7.68	1.62			18.16	30.72	6.48
			4	1991		1160	4	1.87	1.56	0.77			7.48	6.24	3.08
			5.5	1992		1165.5	5.5	2.78	3.72	1.03			15.29	20.46	5.665
			5.0	1993		1171.2	5.7	2.45	3.00	1.12			13.965	17.10	6.364
			2	1994		1174	2.8	6.35	9.97	2.65			17.78	27.92	7.42
			8.5	1995		1183	9	9.10	17.13	4.16			81.90	154.17	37.44
			3.5	1996		1186.5	3.5	3.87	4.62	1.79			13.55	16.17	6.265
				Wt. Av.	1109.2	1186.5	77.3	4.92	7.25	2.05	(70.3)		380.398	644.173	158.442
				Wt. Av.	1171.2	1186.5	15.3	7.40	12.96	3.34	(114.6)		113.225	198.254	51.125
				Wt. Av.	1191.2	1183.0	11.8	8.45	15.43	3.80	(130.3)		99.68	182.086	44.86
361.6	391.5	QUARTZ - SERICITE PHYLLITE Medium gray													
1186.5	1284.6	Barren, fissile broken incompetent rock with some competent layers. F2 variable from 60-90°, generally 80°. F1 generally not displayed. Pyrrhotite common throughout in blebs, esp. 1188-1188.2'. Some alteration visible but not extensive.	16/16		1186.5	1202.5	-								
		1202.5-1209' -- 3-4% pyrite, 0.4% lead-zinc -- bleached	6.5	1997		1209	6.5	0.43	0.26	0.21			4.49	14.30	
		-1211' -- 10% pyrite, 4% lead-zinc -- bleached	2.0	1998		1211	2.0	0.65	1.13	0.41			3.56		
		-1272.8' -- quartz-sericite phyllite with calcite (10-15%). Barren but with pyrrhotite and traces of copper, lead-zinc, especially @ 1211-1225'. F2 65-85°. Minor shears @ 1220', 1226.5' and	60.2/61.8		1211	1272.8	-								
		1236.5'. Pyrrhotite throughout section.	1/2			1282.0	-								
		-1273.1' - massive sulphide - fine-grained, 75% pyrrhotite, 0.4% lead-zinc		Wt. Av.	1202.5	1211.0	8.5	0.9	Pb Zn, Est.				8.05	14.31	

DDH: FAGA085 -- 42 DEGREE PROFILE

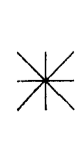
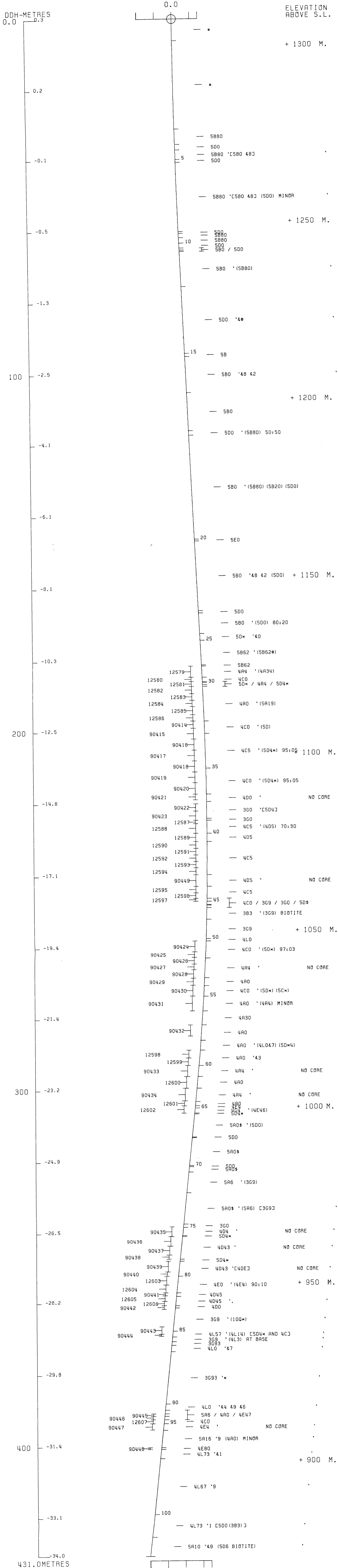
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1308 592120E ; 905155N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 495.4 Z = 1307.6

SECTION NAME: 82W



DDH: FAGA085 -- 42 DEGREE PROFILE

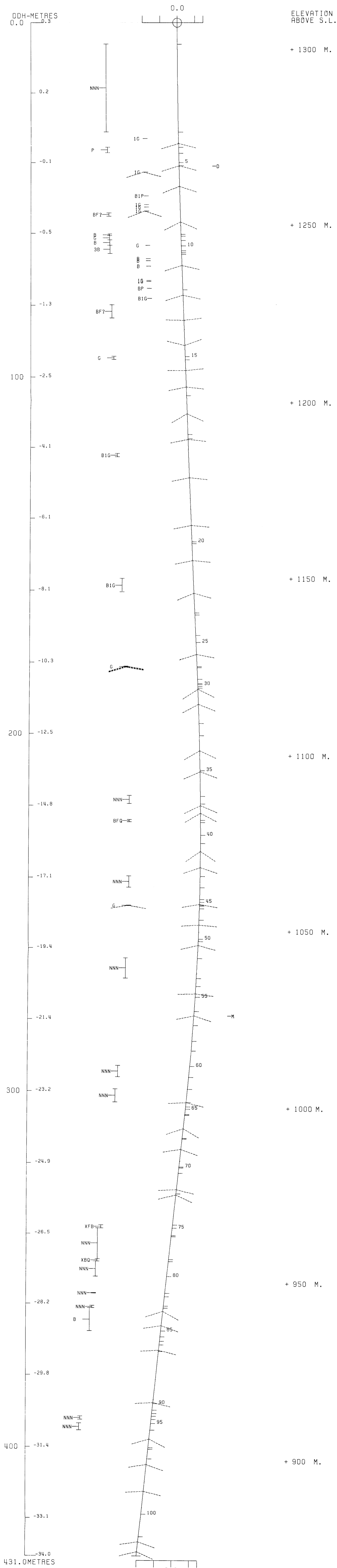
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1308 592120E ; 905155N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 495.4 Z = 1307.6

SECTION NAME: 82W



FAGA 087

DRILL HOLE : FAGA087
NORTHING : 905,199.0
EASTING : 592,161.3
ELEVATION : 1,305.0
TOTAL DEPTH : 426.4
SECTION : W 82
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS ORE-SAMPLES: 54
NOS DOWN-H-SURVEYS: 6
NOS DOWN-H-LITHOLOGY: 118
NOS DOWN-H-STRUCTURE: 62
NOS DOWN-H-FAULTS: 31
NOS DOWN-H-SPLINES: 6
NOS COMPOSITES: 0

17OCT83 GRUM

ORE SAMPLES & ASSAYS (DH020)

PAGE: 12

DDH: FAGA037 UTM-N: 905,199.0 UTM-E: 592,161.3 UTM-ELEV: 1,305.0 TOTAL DEPTH: 426.4 SECTION: W 82
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

-----DEPTHS-----						-----ASSAYS-----																
FROM	TO	SAMPLE NO.	INT.	REC.	ROCK UNIT	S.G. PULP	CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.	
324.1	326.9	90407	2.8	2.8	4G4			4.28	5.28	71.70												
326.9	327.5	90408	.6	.6	4E0			.72	.28	21.30												
328.8	330.6	90409	1.8	1.7	4A4			5.71	6.48	85.70												
330.6	331.9	90410	1.3	1.3	4GE4			4.58	7.67	72.70												
331.9	335.0	90411	3.1	3.0	4GE4			4.73	8.48	85.70												
335.0	337.0	90412	2.0	1.9	4A34			4.65	10.07	95.59												
337.0	337.6	90413	.6	.6	4AL			.75	1.41	14.09												
347.7	349.4	12527	1.7	1.6	4A0	3.47	.14	1.19	1.99	33.00		.40	3	17	21							
349.4	350.2	12523	.8	.8	4C3	3.56	.53	1.72	2.87	47.00		.47	6	16	22							
351.2	351.7	12529	.5	.5	4E4		.17	3.08	2.72	44.00												
394.4	395.5	12530	1.1	1.1	4H4	3.56	.16	6.09	8.90	55.00		.27	11	7	18							
WEIGHTED AVERAGE																						
163.6	166.4		2.8	2.7				4.50	6.80	69.77												
171.0	176.3		5.3	4.9		1.53	.06	.89	1.48	16.20		.20	3	3								
178.7	179.6		.9	.9				3.45	5.63	55.49												
183.0	185.7		2.7	2.7		3.30	.06	1.36	2.01	24.51		.36	2	13	15							
189.3	225.7		36.4	35.8		1.66	.02	1.89	2.91	31.44		.27	1	2								
229.8	233.5		3.7	3.6				3.34	7.91	63.43												
237.3	240.4		3.1	3.0			.02	4.86	10.00	77.83												
249.2	250.5		1.3	1.3		3.08	.05	3.81	4.28	68.00		1.16	1	6	7							
313.6	323.0		9.4	9.1		.70	.04	2.90	4.43	56.74		.17	2	2								
323.7	327.5		3.8	3.8				3.28	3.93	56.63												
328.8	337.6		8.8	8.5				4.61	7.83	81.14												
347.7	350.2		2.5	2.4		3.50	.26	1.36	2.27	37.48		.43	4	17	21							
351.2	351.7		.5	.5			.17	3.08	2.72	44.00												
394.4	395.5		1.1	1.1		3.56	.16	6.09	8.90	55.00		.27	11	7	18							

17OCT83 GRUM

DOWN-HOLE SURVEYS (OH020)

PAGE: 13

DDH: FAGA087 UTM-N: 905,199.0 UTM-E: 592,161.3 UTM-ELEV: 1,305.0 TOTAL DEPTH: 426.4 SECTION: W 82
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	171.400	133.000
176.800	170.000	138.000
243.800	173.000	129.000
304.500	172.200	155.000
353.600	171.000	158.000

DDH: FAGA087 UTM-N: 905,199.0 UTM-E: 592,161.3 UTM-ELEV: 1,305.0 TOTAL DEPTH: 426.4 SECTION: W 82
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
9.8	0001	#		0.5-	1
16.8	0002	580		0.5-	1
23.9	0003	500		0.5-	1
26.4	0004	580		0.5-	1
23.3	0005	500		0.5-	1
35.9	0006	580		0.5-	1
37.1	0007	500	(10Q#)	0.5-	1
37.9	0008	580	(588)	0.5-	1
45.4	0009	500		0.5-	1
55.0	0010	580	(583) 50:50	0.5-	1
59.6	0011	500	(5862) 90:10	0.5-	1
60.6	0012	586\$	(500) 80:20	0.5-	1
61.4	0013	500		0.5-	1
63.3	0014	58\$	83	0.5-	1
67.1	0015	580	(500)	0.5-	1
68.8	0016	500	83	0.5-	1
71.3	0017	583	88	0.5-	1
74.6	0018	500	83	0.5-	1
75.0	0019	580		0.5-	1
75.7	0020	500		0.5-	1
83.2	0021	580	(500) 90:10	0.5-	1
93.1	0022	500	83 (580 88)(5820) 90:10:TRACE	0.5-	1
104.0	0023	580	82	0.5-	1
114.5	0024	583	88	0.5-	1
116.2	0025	503	(5820) 90:10	0.5-	1
119.5	0026	580		0.5-	1
122.0	0027	580		0.5-	1
136.6	0028	580	(588)(58\$)	0.5-	1
138.5	0029	5820		0.5-	1
144.6	0030	588	(500 8\$) 50:50	0.5-	1
146.3	0031	582		0.5-	1
148.7	0032	588		0.5-	1
153.9	0033	500	(588) 50:50	0.5-	1
156.8	0034	588	(582)(500) 50:50:MINOR	0.5-	1
161.6	0035	582\$	83	0.5-	1
162.2	0036	582	[5A0]	0.5-	1
163.6	0037	5A2	3\$	0.5-	1
165.7	0038	404	NO CORE	0.5-	1
176.3	0039	4A0		0.5-	1
176.9	0040	4L12		0.5-	1
177.8	0041	50\$		0.5-	1
178.2	0042	4L1		0.5-	1
178.3	0043	4A0		0.5-	1
178.7	0044	58\$		0.5-	1
179.2	0045	4A4		0.5-	1
179.6	0046	4A4	NO CORE	0.5-	1
183.0	0047	5C4\$	(5D4\$)	0.5-	1
184.0	0048	4C5	(4L0) 95:05	0.5-	1
185.7	0049	4A0		0.5-	1
189.3	0050	3G0	[586] (4L2)(5C4\$)(10Q0)	0.5-	1
199.2	0051	4C5	(4C0)	0.5-	1

DDH: FAGA087 UTM-N: 905,199.0 UTM-E: 592,161.3 UTM-ELEV: 1,305.0 TOTAL DEPTH: 426.4 SECTION: W 82
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 OHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND	
206.0	0052	405	(400)	NO CORE	0.5-	1
219.9	0053	400	(405) MINOR(504*)		0.5-	1
225.7	0054	400		NO CORE	0.5-	1
229.8	0055	4L12	(504\$) [4Q\$]		0.5-	1
233.5	0056	400		NO CORE	0.5-	1
234.7	0057	5D4\$	(4DE4)		0.5-	1
236.0	0058	400		NO CORE	0.5-	1
237.3	0059	5D4*	(4DE4)		0.5-	1
239.3	0060	4E4		NO CORE	0.5-	1
240.4	0061	4A1	&3		0.5-	1
241.2	0062	5D4\$	(5802) [504\$(5A0)] 70:30		0.5-	1
249.2	0063	3G1			0.5-	1
250.5	0064	4A4	[405]		0.5-	1
252.4	0065	5B62	9		0.5-	1
254.9	0066	4L24	(3G0)(4L12) 33:33:33		0.5-	1
257.9	0067	3G0	(503) [586(503)]		0.5-	1
273.3	0068	3G0	&9		0.5-	1
276.5	0069	3B3	(3G0) [500(5B6)] 80:20		0.5-	1
291.2	0070	3G0	&9 (3B3) MINOR		0.5-	1
292.3	0071	4L0	&6		0.5-	1
294.0	0072	3B3	[503]		0.5-	1
294.7	0073	4L0	&6 &7		0.5-	1
308.6	0074	3G0	&9		0.5-	1
312.1	0075	4L26	(10Q0) 85:15		0.5-	1
312.3	0076	3G1			0.5-	1
313.1	0077	4L0	&4 ->4C0		0.5-	1
313.4	0078	4A0			0.5-	1
313.6	0079	5C4a			0.5-	1
315.0	0080	4A0	&1		0.5-	1
315.5	0081	4G4	(4E4)		0.5-	1
317.6	0082	4A0	(4A3)		0.5-	1
322.6	0083	4G4	(4E4)	NO CORE	0.5-	1
323.0	0084	4E0			0.5-	1
323.8	0085	5A\$	->4A0		0.5-	1
324.2	0086	4E0			0.5-	1
326.8	0087	4G4		NO CORE	0.5-	1
327.4	0088	4E0			0.5-	1
328.9	0089	5A\$			0.5-	1
330.6	0090	4A4			0.5-	1
335.0	0091	4G4	(4E4) [4E4(4G4)]	NO CORE	0.5-	1
337.0	0092	4A34			0.5-	1
337.4	0093	4A0			0.5-	1
337.6	0094	4L0	&\$		0.5-	1
340.8	0095	3G0			0.5-	1
342.3	0096	4L12	(5D4a)		0.5-	1
347.7	0097	5C4\$a	(5D4\$a)		0.5-	1
349.4	0098	4A0	(4A3)		0.5-	1
350.2	0099	4C3	(4C5)		0.5-	1
351.2	0100	5D4a			0.5-	1
351.7	0101	4E4			0.5-	1
365.4	0102	3G0	&9		0.5-	1

17OCT83 GRUM

DOWN-HOLE LITHOLOGY (DHO20)

PAGE: 16

DDH: FAGA037 UTM-N: 905,199.0 UTM-E: 592,161.3 UTM-ELEV: 1,305.0 TOTAL DEPTH: 426.4 SECTION: W 82
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
366.5	0103	3G4	->4L0	0.5-	1
375.3	0104	3G0	(3G9)	0.5-	1
376.2	0105	4L0	(4H4) MINOR	0.5-	1
380.7	0106	3G0	(3G9)(4L0) 45:45:10	0.5-	1
394.4	0107	4L0		0.5-	1
395.5	0108	4H4	(4L1) [4L13]	0.5-	1
402.0	0109	4L27	89	0.5-	1
402.6	0110	5C4\$	[5D4\$]	0.5-	1
410.0	0111	4L27		0.5-	1
410.4	0112	4A0		0.5-	1
410.7	0113	4L0		0.5-	1
410.9	0114	4A0		0.5-	1
416.9	0115	5D4@	(5C4@)(3G4@)	0.5-	1
419.2	0116	5D4@		0.5-	1
423.8	0117	3G4	->4L	0.5-	1
426.4	0118	4L0		0.5-	1

DDH: FAGA087 UTM-N: 905,199.0 UTM-E: 592,161.3 UTM-ELEV: 1,305.0 TOTAL DEPTH: 426.4 SECTION: W 82
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DH0 CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT SYMTRY	S0 ANGLE DIRECT	S1 ANGLE DIRECT	S2 ANGLE DIRECT	RFE CDE	DH0C	SDC	PROCESS	
FAGA087	0.0	11.3	CS2	0	0	70	230	0	1	1	1
FAGA087	0.0	18.5	CS2	0	0	80	230	0	1	1	1
FAGA087	0.0	26.5	CS2	0	0	72	230	0	1	1	1
FAGA087	0.0	29.3	CS2	0	0	64	230	0	1	1	1
FAGA087	0.0	34.4	CS2	0	0	68	230	0	1	1	1
FAGA087	0.0	39.0	CS2	0	0	65	230	0	1	1	1
FAGA087	0.0	42.8	CS2	0	0	65	230	0	1	1	1
FAGA087	0.0	45.6	CS2	0	0	70	230	0	1	1	1
FAGA087	0.0	50.3	CS2	0	0	68	230	0	1	1	1
FAGA087	0.0	56.2	CS2	0	0	80	230	0	1	1	1
FAGA087	0.0	62.8	CS2	0	0	70	230	0	1	1	1
FAGA087	0.0	72.2	CS2	0	0	70	230	0	1	1	1
FAGA087	0.0	77.9	CS2	0	0	70	230	0	1	1	1
FAGA087	0.0	83.6	CS2	0	0	68	230	0	1	1	1
FAGA087	0.0	89.5	CS2	0	0	75	230	0	1	1	1
FAGA087	0.0	95.6	CS2	0	0	80	230	0	1	1	1
FAGA087	0.0	102.0	CS2	0	0	85	230	0	1	1	1
FAGA087	0.0	108.1	CS2	0	0	82	230	0	1	1	1
FAGA087	0.0	114.3	CS2	0	0	78	230	0	1	1	1
FAGA087	0.0	118.9	CS2	0	0	75	230	0	1	1	1
FAGA087	0.0	125.4	CS2	0	0	72	230	0	1	1	1
FAGA087	0.0	130.6	CS2	0	0	80	230	0	1	1	1
FAGA087	0.0	137.2	CS2	0	0	75	230	0	1	1	1
FAGA087	0.0	143.0	CS2	0	0	85	230	0	1	1	1
FAGA087	0.0	146.0	CS2	0	0	78	230	0	1	1	1
FAGA087	0.0	151.5	CS2	0	0	80	230	0	1	1	1
FAGA087	0.0	157.3	CS2	0	0	85	230	0	1	1	1
FAGA087	0.0	159.9	CS2	0	0	70	230	0	1	1	1
FAGA087	0.0	171.6	CS2	0	0	58	230	0	1	1	1
FAGA087	0.0	176.2	CS2	0	0	64	230	0	1	1	1
FAGA087	0.0	182.6	CS2	0	0	76	230	0	1	1	1
FAGA087	0.0	188.7	CS2	0	0	63	230	0	1	1	1
FAGA087	0.0	194.8	CS2	0	0	80	230	0	1	1	1
FAGA087	0.0	206.7	CS2	0	0	90	230	0	1	1	1
FAGA087	0.0	212.0	CS2	0	0	81	230	0	1	1	1
FAGA087	0.0	216.1	CS2	0	0	85	230	0	1	1	1
FAGA087	0.0	240.2	CS2	0	0	70	230	0	1	1	1
FAGA087	0.0	245.1	CS2	0	0	70	230	0	1	1	1
FAGA087	0.0	255.0	CS2	0	0	75	230	0	1	1	1
FAGA087	0.0	259.1	CS2	0	0	83	230	0	1	1	1
FAGA087	0.0	268.8	CS2	0	0	80	230	0	1	1	1
FAGA087	0.0	277.5	CS2	0	0	83	230	0	1	1	1
FAGA087	0.0	281.0	CS2	0	0	78	230	0	1	1	1
FAGA087	0.0	289.6	CS2	0	0	80	230	0	1	1	1
FAGA087	0.0	295.7	CS2	0	0	55	230	0	1	1	1
FAGA087	0.0	302.8	CS2	0	0	80	230	0	1	1	1
FAGA087	0.0	310.0	CS2	0	0	70	230	0	1	1	1
FAGA087	0.0	323.7	CS2	0	0	85	230	0	1	1	1
FAGA087	0.0	328.1	CS2	0	0	60	230	0	1	1	1
FAGA087	0.0	338.6	CS2	0	0	75	230	0	1	1	1
FAGA087	0.0	345.3	CS2	0	0	75	230	0	1	1	1

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DOWN-HOLE STRUCTURE (DHO20)

PAGE: 18

DDH: FAGA087 UTM-N: 905,199.0 UTM-E: 592,161.3 UTM-ELEV: 1,305.0 TOTAL DEPTH: 426.4 SECTION: W 82
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	
FAGA087	0.0	356.6	CS2	0	0	60	230	0	1	1	1
FAGA087	0.0	362.4	CS2	0	0	76	230	0	1	1	1
FAGA087	0.0	367.1	CS2	0	0	80	230	0	1	1	1
FAGA087	0.0	378.6	CS2	0	0	78	230	0	1	1	1
FAGA087	0.0	385.0	CS2	0	0	75	230	0	1	1	1
FAGA087	0.0	391.8	CS2	0	0	87	230	0	1	1	1
FAGA087	0.0	399.0	CS2	0	0	75	230	0	1	1	1
FAGA087	0.0	408.1	CS2	0	0	75	230	0	1	1	1
FAGA087	0.0	412.1	CS2	0	0	70	230	0	1	1	1
FAGA087	0.0	415.6	CS2	0	0	85	230	0	1	1	1
FAGA087	0.0	426.4	CS2	0	0	70	230	0	1	1	1

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DOWN-HOLE FAULTS (DHO20)

PAGE: 19

DDH: FAGA037 UTM-N: 905,199.0 UTM-E: 592,161.3 UTM-ELEV: 1,305.0 TOTAL DEPTH: 426.4 SECTION: W 82
 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
FAGA087	9.7	13.3	P				0	0	0	1
FAGA087	0.0	13.3	G				0	99	999	1
FAGA087	13.3	16.7	P				0	0	0	1
FAGA087	24.3	25.6	FPG	2			99	999	0	1
FAGA037	23.3	29.8	B				0	0	0	1
FAGA087	0.0	29.8	G				0	99	999	1
FAGA087	29.8	35.9	B				0	0	0	1
FAGA087	63.2	67.0	GBF				99	999	0	1
FAGA087	81.3	81.5	G				0	68	0	1
FAGA037	82.7	83.0	G				0	99	999	1
FAGA087	119.4	121.9	G3F				35	0	99	1
FAGA087	130.8	130.9	G				99	999	0	1
FAGA087	132.2	132.3	G				0	0	99	1
FAGA087	146.3	148.7	B1G				0	99	999	1
FAGA087	161.6	162.2	G				0	0	0	1
FAGA087	163.6	166.4	NNN				0	0	0	1
FAGA087	178.3	178.7	RF?				0	0	0	1
FAGA087	179.2	179.6	NNN				0	0	0	1
FAGA087	199.2	206.0	NNN				0	0	0	1
FAGA087	219.7	225.7	NNN				0	0	0	1
FAGA087	229.8	233.4	NNN				0	0	0	1
FAGA087	234.6	235.9	NNN				0	0	0	1
FAGA087	237.2	239.2	NNN				0	0	0	1
FAGA087	0.0	239.2	XD?				0	0	0	1
FAGA087	313.2	313.4	G				0	99	999	1
FAGA087	317.6	322.6	NNN				0	0	0	1
FAGA087	324.1	326.8	NNN				0	0	0	1
FAGA087	330.5	334.9	NNN				0	0	0	1
FAGA087	340.8	342.1	QX				0	5	0	1
FAGA087	0.0	342.1	G				0	99	999	1
FAGA087	404.6	406.3	GB				0	99	999	1

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DOWN-HOLE SPLINES (DHQ20)

PAGE: 20

DDH: FAGA087 UTM-N: 905,199.0 UTM-E: 592,161.3 UTM-ELEV: 1,305.0 TOTAL DEPTH: 426.4 SECTION: W 82
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH SEGMENT NOS COND INDICATOR

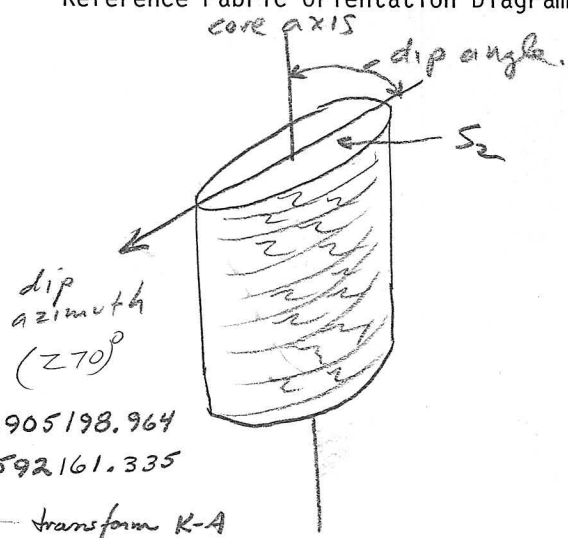
FAGA087	1	2
FAGA087	2	2
FAGA087	3	2
FAGA087	4	2
FAGA087	5	2
FAGA087	6	1

CYPRUS ANVIL MINING CORPORATION
DIAMOND DRILL CORE LOG

Date: 24 July 82

Hole Number: FAGA 087
Project: GRUM
Location: VANGORDA PLATEAU
Claim: GRUM 3
Terr. Plane Co-ords.: 36,070.71 N
24,519.90
Grid Co-ords: G + 00 N
F2 + 07 W

Reference Fabric Orientation Diagram:



E(6905198.964
592161.335

transform K-A
grid coordinates LCP-June 23/83
All symmetry determinations looking

K-A elev 10.61m.
Elevation: 1305 m.

NW with S₂ dipping

Total Depth: 1399 (426.4 m)

SW with dip azimuth

was (in 1982)
270 . → 225
below 150 m
now 230 for entire hole

Purpose: To test ore

Reason hole Terminated: ore tested (ended in 4L)

Logged by: DSJ/GAJ

Date(s) Logged: 14-15 June 82

Drilling Contractor: Cameron MacIntosh

Size	CORE From	To	Collar Cased and Capped:
<u>3W</u>	<u>0</u>	<u>34'</u>	<u>no</u>
<u>3Q</u>	<u>34'</u>	<u>1399'</u>	

Hole Cemented: yes 31 bags

Steel down hole: no

Started: 20 June 75 Completed: 2 July 75

DDH FAGA087
²
 FEET!
⁸

Cyprus Anvil Mining Corp.

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Lithologic Log

Date: 14 June 82 Logged By: GJ/DJJ

Code	From				To				Recov.	No.	Unit	Description
	10	14	16	20	22	24	26	28				
L		00		320						1	S ₁ X ₁	overburden
L		320		550						2	S ₁ B ₀	poor core recovery S ₂ foliaform gouge 3" thick at 43.7'
L		550		784						3	S ₁ D ₀	
L		784		885						4	S ₁ B ₀	S ₂ foliaform gouge - 2" thick @ 80.6' major fault suspected as 25% core recovery 80-84'
L		8165		930						5	S ₁ D ₀	PS ₂
L		930		1178						6	S ₁ B ₀	S ₂ foliaform gouge - 2" @ 97.8' interval blocky and broken - no huge gouges
L		1178		1217						7	S ₁ D ₀	(OP* calc)
L		1217		1243						8	S ₁ B ₀	(SB8)
L		1243		1491						9	S ₁ D ₀	
L		1491		1804						10	S ₁ B ₀	(SB3) 50:50
L		1804		1957						11	S ₁ D ₀	(SB62) 90:10
L		1957		1989						12	S ₁ B _{6*}	* = dolo (SDO) 80:20
L		1989		2015						13	S ₁ D ₀	
L		2015		2076						14	S ₁ B _{6*}	±3 * = dolo
L		2076		2200						15	S ₁ B ₀	(SDO) gouge and broken core over entire interval - major fault suspected upper 11 S ₂ lower indet. interval foln. ~ S ₂ foliaform.
L		2200		2258						16	S ₁ D ₀	±3
L		2258		2339						17	S ₁ B ₃	±8
L		2339		2448						18	S ₁ D ₀	±3
L		2448		2460						19	S ₁ B ₀	
L		2460		2485						20	S ₁ D ₀	
L		2485		2730						21	S ₁ B ₀	(SDO) 90:10 gouge from 267'-268' crudely S ₂ parallel, gouge 271.5' - 272.5' crudely 11 S ₂
L		2730		3053						22	S ₁ D ₀	±3 (SB0 ±8) (SB20) 90:10 trace
L		3053		3412						23	S ₁ B ₀	±2 no gouge
L		3412		3755						24	S ₁ B ₃	(SB3 ±8)
L		3755		3811						25	S ₁ D ₃	(SB20) 90:10 note: sharp SB2 contacts in SD imply SD = volc sediment not altu/redox facies.

Lithologic Log

Date: 14/6/82 Logged By: DSS/KSJ

Code	From				To				Recov.	No.	Unit	Description
	10	14	16	20	22	24	26	28				
L	381	1	392	0						26	SBD	
L	392	0	400	2						27	SBD	GOUGE huge rifting fault upper contact 35/00 lower contact crudely S ₂ foliated
L	400	2	448	0						28	SBD	(SB8)(SB*) * = dolo. gouge 429.2-429.6 upper 11 S ₂ lower indeterminate, gouge at 433.9-434.2 upper indet. lower 11 S ₂
L	448	0	454	3						29	SB2.0	
L	454	3	474	5						30	SB8	(SD0 ± *) dolo. 50:50
L	474	5	480	0						31	SB2	
L	480	0	488	0						32	SB8	minor S ₂ foliated gouge - core broken over interval.
L	488	0	504	8						33	SD0	(SB8) 50:50 more heavily carbonated than above - Au??
L	504	8	514	3						34	SB8	(SB2)(SD0) 50:50:minor
L	514	3	530	3						35	SB2*	±3 * = dolo is this an exhalative carbonate - back for Au
L	530	3	532	3						36	SB2	[SA0] gouge - indeterminate
L	532	3	536	8						37	SA2	±* * = dolo. ↓
L	536	8	543	6						38	4D4	interpreted from KA
L	543	6	578	5						39	4A0	" to 548 rest of core present
L	578	5	580	3						40	4L12	approaching 4C0
L	580	3	583	3						41	5D*	dolo
L	583	3	584	6						42	4L1	
L	584	6	585	0						43	4A0	approaching 4L
L	585	0	586	3						44	SB*	dolo, rubble - probable fault no attitudes.
L	586	3	588	0						45	4A4	
L	588	0	589	4						46	4A4	assumed from KA
L	589	4	600	5						47	SC*,4	(SD4*) dolo.
L	600	5	603	8						48	4CS	(4L0) 95:5
L	603	8	609	4						49	4A0	
L	609	4	621	2						50	3.60	[SB6](4L2)(SC4*dolo)(090) note SC4* Top of interval immediately below one
L	621	2	653	6						51	4CS	(4C0)
L	653	6	676	0						52	4DS	(4D0) KA interpretation missing core.

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	167.60	172.14		53	4C0	(4C5) 713-4 - 714.7 have SD4* interleaved with "ore"
L	172.14	174.05		54	4D0	KA interp.
L	174.05	175.40		55	4L12	(5D4*) dolo [4P*] unit interpreted as interbedded siliceous sediments and meta-tuffs hydrothermally altered, heavily quartz carbonate sulfide veined - feeder zone ??? vein like material clearly pre D ₂
L	175.40	176.60		56	4D0	interpreted from KA
L	176.60	177.00		57	5D4*	dolo (4DE4) subfoliated veins or stringers
L	177.00	177.42		58	4D0	KA interpretation
L	177.42	177.85		59	5D4*	(4DE4) cross cutting stringer at 774.9
L	177.85	178.50		60	4E4	KA interpretation - above sequence of sulfides and probable meta-volcanic rocks suggests contemporaneous volcanism and sulfide deposition (of course they could be sills but then maybe they aren't)
L	178.50	178.87		61	4A1	±3 uppermost 0.7' bixiated - upright cycle of CIA → 4E4 but ?? meaningful
L	178.87	179.14		62	5D4*	dolo (5B02) [5A0] 70:30 - again volcanics and sds show knife edge contacts
L	179.14	181.76		63	3G1	beginning of variably calcareous quartz chlorite po carbonate laminae in parting "calc silicate" appearance to Hemm
L	181.76	182.20		64	4A4	[4D5]
L	182.20	182.80		65	5B62	9' not 5A19 or 4A sh.illy - "this is so bad you have to ask why anybody would be so dumb as to split it" x D. Fenwick June 82
L	182.80	183.62		66	4L24	(3G0) (4L12) subequal proportions
L	183.62	184.62		67	3G0	(5D3) [5B6, 5D3]
L	184.62	189.68		68	3G0	±9 characteristically "calc silicate" like unit 63 with greater density of chl po gtz laminae

Code	From				To				Recov.	No.	Unit	Description
	10	14	16	20	22	24	26	28				
L	89	168	91	07	0				69	3B3	(3G0) 80:20 [SD0-5B6]	
L	90	70	95	53					70	3G0	±9 as previous two "calc sil" units	
											minor 3B3 [SD3] interbands	
L	95	53	95	90					71	4L0	±6	
L	95	90	96	45					72	3B3	[SD3]	
L	96	45	96	70					73	4L0	±6±7	
L	96	70	101	25					74	3G0	±9 "calc silicatey" as above units	
L	101	25	102	39					75	4L26	(0P0) 85:15	
L	102	39	102	46					76	3E1		
L	102	46	102	73					77	4L0	±4 approaching 4C0	
L	102	73	102	83					78	4A0	lower half gouge 11 S ₂	
L	102	83	102	90					79	5C4*	ank.	
L	102	90	103	34					80	4A0	±1	
L	103	34	103	50					81	4G4	(4E4)	
L	103	50	104	20					82	4A0	(4A3)	
L	104	20	105	85					83	4G4	(4E4) KA interp missing core	
L	105	85	105	96					84	4E0	zero grade	
L	105	96	106	23					85	5A*	dolo approaching 4A0	
L	106	23	106	35					86	4E0		
L	106	35	107	23					87	4G4	interp. from KA log - missing core	
L	107	23	107	40					88	4E0		
L	107	40	107	90					89	5A*	dolo.	
L	107	90	108	45					90	4A4		
L	108	45	109	90					91	4G4	(4E4) or 4G4 [4E4] KA interp - core	
											missing	
L	109	90	110	55					92	4A34	(dead bird)	
L	110	55	110	68					93	4A0		
L	110	68	110	77					94	4L0	±* - dolo	
L	110	77	111	82					95	3G0		
L	111	82	112	30					96	4L12	(SD4*) antoritic - unit cut by antoritic	
											6x4 50/100, 0.1' gouge 11 S ₂ at 1122.6	
L	112	30	114	08					97	5C4*	(SD4*) antorite + dolomite "fuchite"	
											very strong fuchite 1137-1140	
L	114	08	114	62					98	4A0	(4A3)	
L	114	62	114	90					99	4C3	(4C5)	
L	114	90	115	23					100	5D4*	ank	

to 955-3?
From 955-3?

DDH F.A.G.A.087
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Cyprus Anvil Mining Corp.

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Lithologic Log

Date: 14/6/82 Logged By: DSJ/EJ

Code	From				To				Recov.	No.	Unit	Description
	1	10	14	16	20	22	24	26				
L	11	52	3	11	54	0				101	4E4	
L	11	54	0	11	98	8				102	3G0	±9 no major gouge.
L	11	98	8	12	02	5				103	3G4	approaching 4L0
L	12	02	5	12	31	3				104	3G0	(3G9)
L	12	31	3	12	34	4				105	4L0	0.5' (444) at 1233.4
L	12	34	4	12	48	9				106	3G0	(3G9)(4L0) 45:45:10
L	12	48	9	12	94	0				107	4L0	
L	12	94	0	12	97	7				108	4H4	(4L1)[4U3] is very altered not necess talcose.
L	12	97	7	13	18	9				109	4L2	±9
L	13	18	9	13	20	9				110	5C4*	dolo [5D4* dolo]
L	13	20	9	13	45	0				111	4L2	From 1327.6 to 1333.2 large gouge zone and broken core - lower contact parallels subhorizontal S ₂ upper contact 55° to core axis, interval gouge sub 11 to S ₂
L	13	45	0	13	46	5				112	4A0	
L	13	46	5	13	47	5				113	4L0	
L	13	47	5	13	48	0				114	4A0	
L	13	48	0	13	67	7				115	5D4*	ank (5C4*) ank. (3G4*) ank - rather of carbonated sands and volcanics - extremely carbonated sequence of metavolcanics and meta sediments with local massive metasomatic hydrothermal carbonate development.
L	13	67	7	13	75	3				116	5D4*	ank less carbonated and more distinctive than previous unit [5C4*]
L	13	75	3	13	90	4				117	3G4	approaching 4L
L	13	90	4	13	99	0				118	4L0	hole stopped short - expletive deleted

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Cyprus Anvil Mining Corp.

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Structural Log

Date: 15 June 82 Logged By: D SJ/GJ

Code	From		To		Feature	SYM	S ₀		S ₁		S ₂		Description
	10	14	16	20			Dip	Direct.	Dip	Direct.	Dip	Direct.	
S				37	0	CSZ					70	270	
S				69	7	CSZ					80		
S				87	0	CSZ					72		
S				96	0	CSZ					64		
S				113	0	CSZ					68		
S				128	0	CSZ					65		
S				140	5	CSZ					65		
S				149	5	CSZ					70		
S				165	0	CSZ					68		
S				184	5	CSZ					80		
S				206	0	CSZ					70		
S				237	0	CSZ					70		
S				255	5	CSZ					70		
S				274	2	CSZ					68		
S				293	5	CSZ					75		
S				313	8	CSZ					80		
S				334	5	CSZ					85		
S				354	5	CSZ					82		
S				375	0	CSZ					78		
S				390	0	CSZ					75		
S				411	5	CSZ					72		
S				428	5	CSZ					80		
S				459	0	CSZ					75	270	
S				469	0	CSZ					85	225	
S				479	0	CSZ					78		
S				497	0	CSZ					80		
S				516	0	CSZ					85		
S				524	5	CSZ					70		
S				563	0	CSZ					58		
S				580	0	CSZ					64		
S				599	0	CSZ					76		
S				619	0	CSZ					63		
S				639	0	CSZ					80		
S				678	0	CSZ					80		
S				695	5	CSZ					81		
S				709	0	CSZ					85	225	

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 FEET

Cyprus Anvil Mining Corp.

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Structural Log

Date: 15 June 82 Logged By: DSJ GJ

Code	From		To		Feature	SYM	S ₀		S ₁		S ₂		Description
	10	14	16	20			Dip	Direct.	Dip	Direct.	Dip	Direct.	
S			1788	80	CSZ						70	22.5	
S			1804	0	CSZ						70		
S			1836	5	CSZ						75		
S			1850	0	CSZ						83		
S			1882	0	CSZ						80		
S			1910	5	CSZ						83		
S			1922	0	CSZ						78		
S			1950	0	CSZ						80		
S			1970	0	CSZ						85		
S			1993	5	CSZ						80		
S			1017	0	CSZ						70		
S			1062	0	CSZ						85		
S			1076	5	CSZ						60		
S			1111	0	CSZ						75		
S			1133	0	CSZ						75		
S			1170	0	CSZ						60		
S			1189	0	CSZ						76		
S			1204	5	CSZ						80		
S			1242	0	CSZ						78		
S			1263	0	CSZ						75		
S			1285	5	CSZ						87		
S			1309	0	CSZ						75		
S			1339	0	CSZ						75		
S			1352	0	CSZ						70		
S			1363	5	CSZ						85		
S			1399	0	CSZ						70		

Start mbh90390

Section 82W

FEET

DDH F.A. 40.7.7

Cyprus Anvil Mining Corp

Logged by _____

ASSAY LOG (SAMPLER'S COPY)

Date _____ Sampled by _____

CODE	FROM		TO		SAMPLE		INTR.		REC (m)		UNIT		DESCRIPTION
	10	14	16	20	22	26	28	30	32	34	36	40	
P	536	8	541	5	90390		47		47		4D4		int KA 1736 ¹ 1737
P	541	5	543	6	90391		21		21		4D4		1738
P	543	6	546	0	90392		24		24		4A0		1739
P	561	0	565	0	12501		40		30		4A0		bad sample 1743
P	565	0	570	0	12502		50		45		4A0		1743
P	570	0	575	0	12503		50		55		4A0		1744
P	575	0	578	5	12504		35		35		4A0		1744
P	586	3	589	4	90393		31		31		4A4		1745 + a little more
P	600	5	603	8	12505		33		33		4CS		1748
P	603	8	609	4	12506		56		56		4A0		1748
P	621	2	627	0	12507		58		58		4CS	(4C0)	1749
P	627	0	632	4	12508		54		54		4CS	(4C0)	1749
P	632	4	637	8	12509		54		54		4CS	(4C0)	1750
P	637	8	643	2	12510		54		54		4CS	(4C0)	1751
P	643	2	648	6	12511		54		54		4CS	(4C0)	1752
P	648	6	653	6	12512		50		50		4CS	(4C0)	1753
P	653	6	663	4	90394		98		94		4DS		1754
P	663	4	666	0	90395		26		26		4DS		1755
P	666	0	676	0	90396		100		100		4DS		1756
P	676	0	681	0	12513		50		50		4C0	(4CS)	1757
P	681	0	686	0	12514		50		50		4C0	(4CS)	1757
P	686	0	691	0	12515		50		50		4C0	(4CS)	1758
P	691	0	696	0	12516		50		50		4C0	(4CS)	1758 + 1759
P	696	0	701	0	12517		50		50		4C0	(4CS)	1759 + 1760
P	701	0	706	0	12518		50		50		4C0	(4CS)	1760
P	706	0	711	0	12519		50		50		4C0	(4CS)	1761
P	711	0	716	0	12520		50		50		4C0	(4CS)	1761 + 1762
P	716	0	721	4	12521		54		54		4C0	(4CS)	1762
P	721	4	731	0	90397		96		94		4D0		1763
P	731	0	740	5	90398		95		94		4D0		1764
P	754	0	761	0	90399		70		70		4D0		1767
P	761	0	766	0	90400		50		50		4D0		1768
P	778	5	785	0	90401		65		63		4E4		1770
P	785	0	788	7	12522		37		37		4A1		1771
P	817	6	822	0	12523		44		44		4A1	[4DS]	1772
P	1029	0	1033	4	12524		44		44		4A0	±1	1776 + more

CODE	FROM		TO	SAMPLE		INTR.		REC (m)		UNIT	DESCRIPTION		
	10	14	16	20	22	26	28	30	32	34		36	40
P	1033	4	1035	0	12525		16	16	16	4G4			1776
P	1035	0	1042	0	12526		70	70	70	4A0			1776+1777
P	1042	0	1048	0	90402		60	59	59	4G4			1778
P	1048	0	1052	8	90403		48	47	47	4G4			1779
P	1052	8	1058	5	90404		57	56	56	4G4			1780
P	1058	5	1059	6	90405		110	109	109	4E0			1781
P	1062	0	1063	2	90406		112	112	112	4E0			1782
P	1063	2	1072	6	90407		94	91	91	4G4			1783
P	1072	6	1074	6	90408		20	19	19	4E0			1785
P	1078	9	1084	5	90409		56	56	56	4A4			1787
P	1084	5	1089	0	90410		45	44	44	4G4			1788
P	1089	0	1099	0	90411		100	97	97	4S4			1789
P	1099	0	1105	5	90412		65	63	63	4A34			1790
P	1105	5	1107	7	90413		22	22	22	4A0 (4L0)			1793
P	1140	8	1146	2	12527		54	54	54	4A0 (4A3)			1791
P	1146	2	1149	0	12528		28	28	28	4C3 (4C5)			1791
P	1152	3	1154	0	12529		17	17	17	4E4			1792
P	1294	0	1297	7	12530		37	37	37	4H4 (4L1)			1794

DDH FAGA087
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Cyprus Anvil Mining Corp.

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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.	
		320		437		P											
				437		G						11	S ₂				
		437		550		P											
		80		84		FPG2				11	S ₂						
		930		978		B											
				978		G						11	S ₂				
		978		1178		B											
		2076		2200		GBF				11	S ₂		11	S ₂			
		267		268		G						11	S ₂				
		2715		2725		G						11	S ₂				
		3920		4002		G3F				35	000				11	S ₂	
		4292		4296		G				11	S ₂						
		4339		4342		S									11	S ₂	
		4800		4880		B, IG						11	S ₂				
		5303		5323		G											
		5368		5460		NNN											
		585		5863		RF?											
		588		5894		NNN											
		6536		6760		NNN											
		721		7405		NNN											
		7540		7660		NNN											
		7700		7742		NNN											
		7785		7850		NNN											
				7850		XID?											
		10278		10283		G						11	S ₂				
		10420		10585		NNN											
		10635		10723		NNN											
		10845		10990		NNN											
		111182		11225		QA						015	01010				
				11226		G						11	S ₂				
		113276		113332		GB						11	S ₂		11	S ₂	

DIAMOND DRILL RECORD

LOGGED BY M. deQuadros

PROPERTY _____

D.D.H. No. 75-A87 PAGE 3 of 11

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

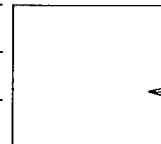
CLAIM No. _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

DIRECTION AND DISTANCE FROM

ELEVATION _____ DIP TESTS _____ DEPTH Proposed: _____ Ultimate: _____

NE. CLAIM POST



FOOTAGE		DESCRIPTION	Rec. Ft.	Sample No.	Footage		Sample Length	Assay					Assay x Feet				
FROM	TO				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag		
		425-425.6'; 427.6-428.6'. Gouge at 429.1-429.5'; sheared @ 434-434.4'; broken rocks 442-443' and 444-444.6'. Pyrrhotite at 420.6-421.3' -- small crystals and 454.5'. Shears at 466.6-467'; 485.5-486'. <i>132.3</i> <i>142.2 143.3 147.8 148.1</i>	23.1/ 23.7		423.3	447											
<i>155.2</i> 509.2	<i>156.7</i> 514.2	<u>QUARTZ - SERICITE PHYLLITE</u> Medium gray. Greenish, altered, well foliated with good partings. Slightly chloritic. Pyritic with minor pyrrhotite blebs. F2 65-75°.	20.2/ 20.4		476.1	496.5											
514.2	536.8	<u>QUARTZ - GRAPHITE PHYLLITE</u> Dark gray Very well foliated, fissile, thinly banded with F1 visible in parts. F2 uneven, but strong. Partly brecciated. Sheared @ 523.9' 531-532' and 532.7-535'. Mineralized throughout with minor pyrite and pyrrhotite, especially along fractures but with trace of lead-zinc at 535-536.8'. Estimate 0.5% lead-zinc, 5% pyrite.	22.5/ 22.5 14.8/ 16		496.5	519											
			1.8	1736	535 <i>162.02"</i>	536.8 <i>163.62"</i>	1.8	.45	.76	.26	✓						
536.8	543.6	<u>MASSIVE SULPHIDE</u> With quartz. Broken, with shears. F2 variable. 536.8-541.5' -- 45% pyrite, 20% lead-zinc. F2 -20°. -543.6' -- 50% pyrite, 10% lead-zinc. F2 45°.	4.7 2.1	1737 1738	536.8 <i>163.62"</i>	541.5 <i>165.05"</i>	4.7	5.37	9.26	2.38		25.24	43.52	11.186			
						543.6 <i>165.69"</i>	2.1	4.35	5.60	2.06		9.14	11.76	4.326			

DIAMOND DRILL RECORD

LOGGED BY M. deQuadros

PROPERTY _____ D.D.H. No. 75-A87 PAGE 4 of 11
 LATITUDE _____ BEARING OF HOLE _____ STARTED _____ CLAIM No. _____
 DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____
 ELEVATION _____ DIP TESTS _____ DEPTH Ultimate: _____
 DIRECTION AND DISTANCE FROM _____
 NE. CLAIM POST _____

FOOTAGE		DESCRIPTION	Rec. Ft.	Sample No.	Footage		Sample Length	Assay					Assay x Feet				
FROM	TO				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag		
543.6	578.6	<u>MINERALIZED GRAPHITE PHYLLITE</u> Medium-dark gray. Variable in quartz, graphite and sulphide content. Broken and sheared. Very fissile and incompetent. Mineralization generally along F2 but also rarely along F1. Occasionally calcareous.															
		543.6-546' -- 30% pyrite, 7-8% lead-zinc, F2 45°.	2.4	1739	543.6	546	2.4	2.93	3.12	1.32				7.032	7.488	3.168	
		-554.2' -- 20% pyrite, 5% lead-zinc, breccia @ 552-553',			(546.0 ~ 546.8)	(0.8)								0.712	0.816	0.352	
		-557.5' -- 2% pyrite, 1% lead-zinc, with fuschite	7.1	1740		554.2	8.2	.89	1.02	.44							
		-561' -- 10% pyrite, 7% lead-zinc. Broken															
		-570' -- 5% pyrite, 1% lead-zinc, shear @ 564-565'.	1.5	1741		557.5	3.3	2.05	3.60	.80				6.765	11.88	2.64	
		570-578.6' -- 10-15% pyrite, 2% lead-zinc Fractured, highly folded, mineralization mostly in F2. Arsenopyrite at 574.3' and 578.4'.	2.2	1742		561	3.5	3.15	2.58	1.18				11.025	9.03	4.13	
		-575.6' -- arsenopyrite	8.2	1743		570	9.0	1.15	3.96	.59				10.350	35.64	5.31	
			8.5	1744		578.6	8.6	.43	.78	.21				10.4 PF			
					WT. Av. 536.8	546.8	10.0	4.21	6.36	1.90	(15.3% Cu)			42.48	63.586	19.032	
					WT. Av. 536.8	543.6	6.8	5.06	8.13	2.28	(78.2)			34.374	55.282	15.582	
					WT. Av. 554.2	570.0	15.8	1.78	3.58	0.76	(26.2)			28.14	56.55	12.08	
578.6	601.8	<u>QUARTZ - SERICITE PHYLLITE (Schist)</u> Light gray Massive, poorly foliated with poor foliation. F2 60° to C.A. Very competent, hard.	5.8	1745	578.6	584.5	5.9	.10	.15	.06				1.5 PF			
		578.6-584.5' -- 15% pyrite, 1% lead-zinc	1.8	1746		586.3	1.8	.62	.58	.44				2.3			
		-586.3' -- 30% pyrite, 0.5% lead-zinc															
		-589.4' -- 15% pyrite, 7.5-9% lead-zinc	3.1	1747		589.4	3.1	3.45	5.64	1.62	✓						
		Kinky F2 with faint F1; graphitic				601.8											
		589.4-591.6' -- sericite/fuschite	12.0/ 12.4														
					WT. Av. 570.0	586.3	16.3	0.9	18.77					14.1 PF			

DIAMOND DRILL RECORD

LOGGED BY M. deQuadros

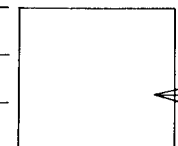
PROPERTY _____ D.D.H. No. 75-A87 PAGE 5 of 11
 LATITUDE _____ BEARING OF HOLE _____ STARTED _____ CLAIM No. _____
 DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____
 ELEVATION _____ DIP TESTS _____ DEPTH Proposed: _____ Ultimate: _____
 DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE		DESCRIPTION	Rec. Ft.	Sample No.	Footage		Sample Length	Assay					Assay x Feet				
FROM	TO				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag		
601.8	621.7	<u>QUARTZ - GRAPHITE - SULPHIDE PHYLLITE</u> Medium gray. Massive, irregularly foliated, highly quartzitic rock with poor cleavages. Very competent. With sericite. 601.8-611.7' -- 12% pyrite, 1.5-2% lead-zinc. F2 75°. -621.7' -- barren	9.6	1748	601.8	611.7	9.9	1.10	2.28	.53							
621.7	788	<u>QUARTZ - SERICITE PHYLLITE</u> Light gray P Fine, hard, massive, poorly foliated quartzitic rock with sericite and sulphides. F1 and F2 equally developed. F2 nearly perpendicular to C.Axis 621.7-631' -- 4% pyrite, 5% lead-zinc. F2 75°. -638.8' -- 4% pyrite, 2-3.5% lead-zinc -643.8' -- as above, F2 80°. -649' -- as above -653.6' -- as above; fractured; F2 80°. -663.4' -- 2% pyrite, 8% lead-zinc, fractured -666' -- 4% pyrite, 6-8% lead-zinc; slips along F2. -676' -- 4% pyrite, 6-8% lead-zinc; slips along F2. Fractured. -686' -- 2% pyrite, 4-6% lead-zinc, siliceous -693' -- 2% pyrite, 4-6% lead-zinc, siliceous -697' -- 3-6% pyrite, 6% lead-zinc -706.5' -- 3-6% pyrite, 6% lead-zinc -714.5' -- 10% pyrite, 7% lead-zinc, siliceous -721.4' -- 6% pyrite, 7% lead-zinc -731' -- 15% pyrite, 12% lead-zinc. F2 80°. -740.5' -- 15% pyrite, 12% lead-zinc. F2 80°. -747' -- 10% pyrite, 6% lead-zinc, F2 78°.	10.6	1749	621.7	631	9.3	2.03	3.30	.83							
			7.6	1750		638.8	7.8	.95	1.20	.44			7.41	9.36	3.432		
			5.0	1751		643.8	5.0	1.40	1.04	.59			7.00	5.20	2.950		
			5.0	1752		649	5.2	.62	.44	.26			3.224	2.388	1.252		
			4.6	1753		653.6	4.6	.93	.84	.35			4.278	3.864	1.610		
			9.4	1754	631.0	653.6	22.6	0.97	0.92	0.41	(14.2)		21.912	20.712	9.344		
			9.4	1754		663.4	9.8	3.00	4.26	1.21			29.40	41.748	11.858		
			2.6	1755		666	2.6	2.00	2.22	.77			5.200	5.772	2.002		
			10	1756		676	10	3.08	3.90	1.27			30.800	39.000	12.700		
			10	1757	653.6	676.0	22.4	2.92	3.86	1.19	(40.7)		65.40	86.52	26.560		
			7	1758		693	7	1.13	2.34	.59			7.91	16.38	4.13		
			4.0	1759	676.0	693.0	17.0	1.23	2.41	0.57	(19.6)		20.91	40.98	9.73		
			9.3	1760		697.1	4.1	1.48	3.12	.65			6.068	12.792	2.665		
						706.5	9.4	1.25	2.85	.56			11.750	26.79	5.264		

DIAMOND DRILL RECORD

LOGGED BY M. deQuadros

PROPERTY _____ D.D.H. No. 75-A87 PAGE 10 of 11
 LATITUDE _____ BEARING OF HOLE _____ STARTED _____ CLAIM No. _____
 DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____ DIRECTION AND DISTANCE FROM _____
 ELEVATION _____ DIP TESTS _____ DEPTH Ultimate: _____ NE. CLAIM POST _____



FOOTAGE		DESCRIPTION	Rec. Ft.	Sample No.	Footage		Sample Length	Assay					Assay x Feet			
FROM	TO				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag	
		-1149' -- quartz-barites-sulphide, F2 45°, 20% pyrite, 5-6% lead-zinc, 2% copper.	7.6	1791	1141.2	1149	7.8	1.10	1.88	.88						
		-1151.6' -- bleached quartz-sericite phyllite, F2 45°.	2.5/ 2.6			1151.6										
		-1154.0' -- massive sulphide, 80% pyrite, 6% lead-zinc, minor barites, F2 45°.	2.4	1792	1151.6	1154	2.4	3.68	3.18	1.56						
		(1154.0-1217') -- quartz-sericite phyllite, medium gray with contorted F2 ranging from 30° to 90° to C.A. F1 seen with fold axis parallel to F2. Fissile. Minor graphitic bands 1-3' long.	6.0/ 6.3		1154	1217										
		1192-1195' -- pyrite and pyrrhotite														
		1198-1199' -- pyrrhotite and pyrite														
		Vertical fractures 1176-1177', 1178-1179' and 1200.5-1201.4'; healed with clayey infilling. Competent.														
1217.0	1233.6	1217 -1233' -- same as above but with minor disseminated pyrrhotite, lead-zinc, copper.	15.5/ 16		1217	1233										
		-1233.6' -- massive pyrrhotite + (lead-zinc + copper) minor														
1233.6	1282.0	1233.6-1247' -- altered dark gray + bleached quartz-sericite phyllite.														
		-1282' -- bleached massive quartz-sericite phyllite with minor chlorite.	46.5/ 49		1233	1282										
1282.0	1394.0	QUARTZ - SERICITE PHYLLITE Bleached pale gray														
		Massive thinly bedded, bleached rock. F2 well developed but no visible F1. F2 consistent 60-70° to C.A. Slightly mineralized.														
		1282-1293.9' -- quartz-sericite phyllite, 0-3% pyrite (av. 0.5%)	11.4/ 11.9		1282	1293.9										
		-1297.8' -- as above with purple lead-zinc bande (20% averaging 4% pyrite, 14% lead-zinc and 2% pyrrhotite.	3.8	1794	1293.9	1297.8	3.9	6.02	8.71	1.38						

DDH: FAGA087 -- 42 DEGREE PROFILE

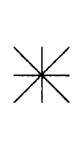
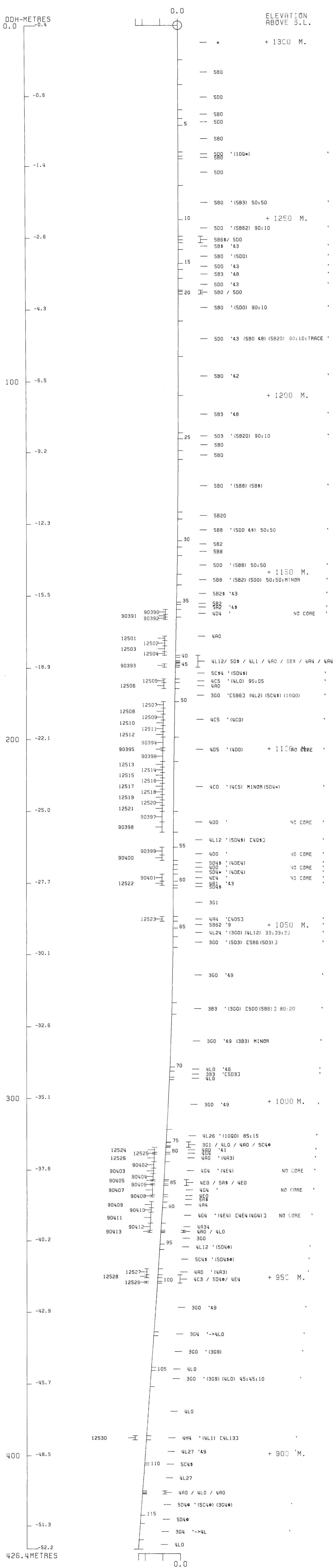
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1305 592161E ; 905199N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 555.7 Z = 1304.9

SECTION NAME: 82W



DDH: FAGA087 -- 42 DEGREE PROFILE

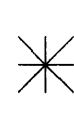
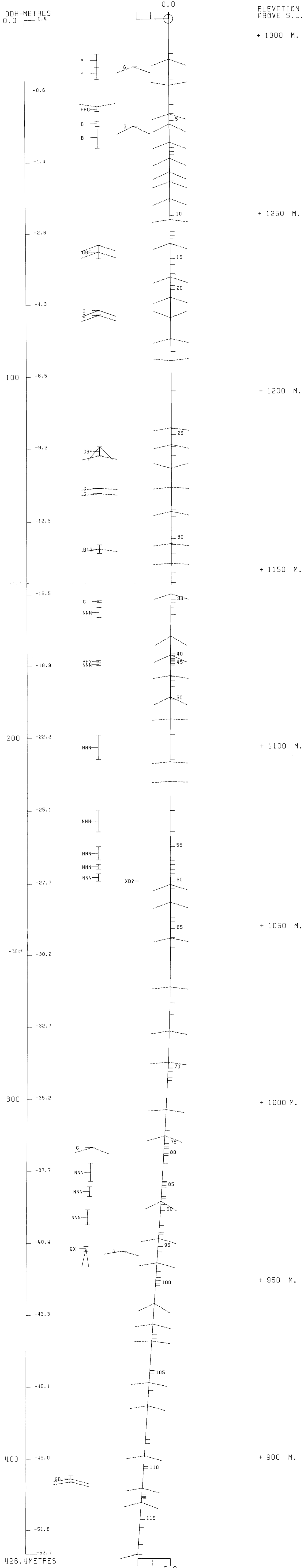
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1305 592161E ; 905199N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 555.7 Z = 1304.9

SECTION NAME: 82W



~~lacks recoveries and intervals on
assay log~~

Done Jly

FAA 089

DRILL HOLE : FAGA089
NORTHING : 905,250.1
EASTING : 592,201.2
ELEVATION : 1,304.4
TOTAL DEPTH : 378.0
SECTION : W 82
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: 40
NOS DOWN-H-SURVEYS: 4
NOS DOWN-H-LITHOLOGY: 129
NOS DOWN-H-STRUCTURE: 47
NOS DOWN-H-FAULTS: 33
NOS DOWN-H-SPLINES: 4
NOS COMPOSITES: 0

DDH: FAGA039 UTM-N: 905,250.1 UTM-E: 592,201.2 UTM-ELEV: 1,304.4 TOTAL DEPTH: 378.0 SECTION: W 82
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

---DEPTHS---		SAMPLE NO.	INT.	REC.	ROCK UNIT	S.G. PULP	CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	ASSAYS				BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
FROM	TO											AU(FA) G/MT	PO %	PY %	TOT FE						
94.9	97.1	12548	2.2	1.5	4A4	3.27	.02	1.97	4.67	35.00		.55	1	12	14						
97.1	99.3	12549	2.2	1.9	4A4	3.20	.04	2.71	3.06	44.00		1.10	1	11	12						
99.3	100.3	12550	1.5	1.4	4D0	3.04	.05	1.63	3.18	31.99		.47	2	7	9						
100.3	102.3	12551	1.5	1.5	4D0	3.02	.02	1.67	3.37	27.99		.95	3	5	9						
143.0	144.2	12552	1.2	1.1	4E41	4.09	.17	2.85	4.25	60.99		1.51	3	27	31						
144.2	145.5	12553	2.3	2.2	4A34	3.55	.10	3.91	3.79	52.00		1.55	1	16	18						
146.5	148.8	12554	2.3	2.2	4A34	3.35	.05	3.79	6.00	55.00		1.30	1	12	14						
148.8	151.1	12555	2.3	2.2	4A3		.04	.44	1.17	10.00											
151.1	153.7	12556	2.6	2.6	4L74	2.93	.02	1.59	2.52	26.00		.40	1	1	3						
153.7	154.9	12557	1.2	.0	4C5	3.16	.02	1.33	1.62	20.00		.55	1	10	12						
156.9	158.2	12558	1.3	.0	4A4		.05	2.97	5.29	47.00											
162.2	163.7	12559	1.5	.0	4E4	3.91	.19	3.49	7.40	66.00		1.37	2	20	23						
163.7	165.5	90459	1.8	.0	4CE			.93	1.73	15.09											
165.5	168.0	90460	2.5	.0	4EC			1.12	1.13	22.30											
173.7	180.3	12560	1.6	.0	4A41	3.39	.04	3.60	6.59	86.00		1.10	2	11	13						
180.6	182.1	12561	1.5	.0	4A4	3.18	.08	2.64	3.99	34.00		1.58	5	5	10						
259.0	260.7	90461	1.7	.0	4D4#			5.03	9.50	72.70											
269.7	272.3	12562	2.6	.0	4D54	3.45	.08	5.70	9.00	95.00		.68	1	7	9						
280.3	281.6	12563	.8	.0	4D5	3.35	.02	2.68	7.09	50.00		.62	1	8	10						
281.9	282.3	12564	.9	.0	4D5	3.37	.02	3.49	7.59	67.00		.95	1	8	10						
283.3	285.3	12565	2.0	.0	4D5	3.14	.01	2.66	6.90	46.00		.47	1	5	7						
285.3	287.2	12566	1.9	.0	4D5	2.95	.01	.95	3.39	19.00		.34	2	3	5						
287.2	290.0	12567	2.8	.0	4D5	3.14	.05	3.60	4.08	50.00		1.10	1	8	9						
290.0	291.5	12568	1.8	.0	4D5	3.06	.05	2.64	2.56	36.00		1.37	1	7	9						
293.4	294.3	12569	1.4	.0	4D057		.05	1.39	1.16	21.00											
296.3	297.3	12570	1.0	.0	4D86	3.99	.08	6.29	8.90	100.00		1.23	1	19	21						
343.0	344.4	90450	1.4	.0	4A0			.05	.35	.99											
344.4	347.7	90451	3.3	.0	4A0			.20	.35	8.19											
347.7	349.3	90452	2.1	.0	4C0			.02	.02	.99											
352.7	358.7	90453	4.0	.0	4A0			.08	.14	3.10											
356.7	357.5	90455	.9	.0	4C0			.08	.16	.99											
358.0	358.7	12571	.7	.0	4E46	4.25	.20	3.87	4.37	66.00		1.91	1	29	31						
358.7	359.9	12572	1.2	.0	4D35	3.66	.01	2.64	4.50	46.00		.81	1	19	21						
359.9	361.2	12573	1.3	.0	4E4	4.02	.14	3.00	3.56	54.00		.89	2	24	26						
369.4	370.4	12574	1.0	.0	4E43	3.62	.02	3.45	3.79	43.00		.81	2	13	16						

24OCT83 GRUM

ORE SAMPLES & ASSAYS (DH020)

PAGE: 3

DDH: FAGA089 UTM-N: 905,250.1 UTM-E: 592,201.2 UTM-ELEV: 1,304.4 TOTAL DEPTH: 378.0 SECTION: W 82
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

---DEPTHS---				-----ASSAYS-----																	
FROM	TO	SAMPLE INT. NO.	REC. UNIT	ROCK UNIT	S.G. PULP	CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.	
371.0	372.5	12575	1.5	.0	4E4	4.50	.14	3.75	3.08	40.00		1.51	6	25	31						
372.5	374.0	12576	1.5	.0	4E4	4.50	.17	4.40	3.93	42.00		1.23	7	23	30						
374.0	375.6	12577	1.6	.0	4CG	3.95	.22	2.64	2.08	30.99		1.37	5	21	26						
375.6	377.2	12578	1.6	.0	4CG	3.79	.28	1.81	1.63	27.00		.89	4	22	26						
377.2	378.0	90456	.8	.8	4E0			.69	.52	19.19											

WEIGHTED AVERAGE

94.9	102.3		7.4	6.3		3.15	.03	2.06	3.62	35.64		.78	2	9	11						
143.0	154.9		11.9	10.3		2.70	.06	2.34	3.26	36.46		.85	1	9	11						
150.9	158.2		1.3	.0			.05	2.97	5.29	47.00											
162.2	168.0		5.8	.0		1.01	.04	1.67	2.94	31.36		.35		5	6						
178.7	180.3		1.6	.0		3.39	.04	3.60	6.59	36.00		1.10	2	11	13						
180.6	182.1		1.5	.0		3.18	.03	2.04	3.99	34.00		1.58	5	5	10						
259.0	260.7		1.7	.0				5.03	9.50	72.70											
269.7	272.3		2.6	.0		3.45	.08	5.70	9.00	95.00		.68	1	7	9						
280.8	281.6		.8	.0		3.35	.02	2.68	7.09	50.00		.62	1	8	10						
281.9	282.3		.9	.0		3.37	.02	3.49	7.59	67.00		.95	1	8	10						
283.3	291.8		8.5	.0		3.08	.03	2.58	4.26	39.16		.84	1	6	8						
293.4	294.8		1.4	.0			.05	1.39	1.16	21.00											
295.3	297.3		1.0	.0		3.99	.03	6.29	8.90	100.00		1.23	1	19	21						
343.0	349.8		6.8	.0				.12	.26	4.49											
352.7	357.6		4.9	.0				.08	.14	2.71											
358.0	361.2		3.2	.0		3.94	.10	3.05	4.19	53.62		1.03	1	23	25						
369.4	370.4		1.0	.0		3.62	.02	3.45	3.79	43.00		.81	2	13	16						
371.0	373.0		7.0	.8		3.69	.18	2.84	2.41	33.02		1.10	5	20	25						

24OCT83 GRUM

DOWN-HOLE SURVEYS (DHO20)

PAGE: 4

DDH: FAGA089 UTM-N: 905,250.1 UTM-E: 592,201.2 UTM-ELEV: 1,304.4 TOTAL DEPTH: 378.0 SECTION: W 82
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	180.000	0.000
107.700	176.000	99.500
189.000	175.000	214.500

DDH: FAGA089 UTM-N: 905,250.1 UTM-E: 592,201.2 UTM-ELEV: 1,304.4 TOTAL DEPTH: 378.0 SECTION: W 82
 RFE: S2 RFE DIP: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC.	RECOVERY	IND
6.1	0001	#		0.5-	1
18.1	0002	5328	0 (10Q0) 95:05	0.5-	1
19.7	0003	500		0.5-	1
20.1	0004	580	88 32	0.5-	1
36.7	0005	5A0	(500)(10Q0) 85:15:MINOR	0.5-	1
37.6	0006	5A0	(10Q0) 70:30	0.5-	1
40.8	0007	500	(5A10\$) 90:10	0.5-	1
44.8	0008	5820	(10Q0) 90:10	0.5-	1
46.0	0009	5E2	[5832]	0.5-	1
47.7	0010	5820	(10Q0) 95:05	0.5-	1
52.4	0011	5E2	(500)(10Q0) 60:37:03	0.5-	1
57.3	0012	5820	(5E2)(500) 80:15:05	0.5-	1
61.9	0013	500	(5E2\$) 85:15	0.5-	1
65.7	0014	5302		0.5-	1
67.0	0015	500		0.5-	1
72.9	0016	5862	[536(5A6)] (500)(10Q0)	0.5-	1
74.9	0017	500		0.5-	1
77.5	0018	536	82[3G0&9](500)(10Q0) 65:30:05	0.5-	1
81.7	0019	53*2		0.5-	1
83.0	0020	5326	[5A6]	0.5-	1
87.9	0021	58*	82(500)(5A6)(10Q0) 80:10:05:05	0.5-	1
91.9	0022	503\$	(580\$) 75:25	0.5-	1
94.9	0023	582\$		0.5-	1
99.3	0024	4A4	(4A0) 50:50 [4A41]	0.5-	1
102.3	0025	400	(504*) 95:05	0.5-	1
103.0	0026	5C4*		0.5-	1
103.8	0027	5C4*		0.5-	1
105.2	0028	400	(5C4*)	0.5-	1
107.7	0029	5C4*	(10Q0)	0.5-	1
108.0	0030	400	(5C4*)	0.5-	1
122.4	0031	582\$	(10Q0) 90:10	0.5-	1
123.9	0032	50\$	(5A6) 95:05	0.5-	1
125.0	0033	582\$	(504*[5C4*])(5A6)	0.5-	1
126.8	0034	5A6		0.5-	1
129.9	0035	3G0	[5826] (504*)	0.5-	1
130.1	0036	5C4*		0.5-	1
130.6	0037	407		0.5-	1
132.0	0038	5C4*		0.5-	1
132.4	0039	404	NO CORE	0.5-	1
132.8	0040	5C4*		0.5-	1
133.1	0041	4L41		0.5-	1
134.7	0042	582\$		0.5-	1
135.4	0043	5C4*		0.5-	1
143.0	0044	582\$		0.5-	1
144.2	0045	4E41	(4H0)(4A4) 70:20:10	0.5-	1
151.1	0046	4A3	34	0.5-	1
153.7	0047	4L74	(4C0)(504*)	0.5-	1
154.9	0048	4C5	->4C0 AT TOP	0.5-	1
156.9	0049	3G0		0.5-	1
158.2	0050	4A4	->4C5 AT TOP	0.5-	1
160.2	0051	3G0		0.5-	1

DDH: FAGA039 UTM-N: 905,250.1 UTM-E: 592,201.2 UTM-ELEV: 1,304.4 TOTAL DEPTH: 378.0 SECTION: W 82
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
161.0	0052	4L*	(10Q0)	0.5-	1
162.2	0053	3G0		0.5-	1
162.5	0054	4E4		0.5-	1
163.0	0055	4L12	4	0.5-	1
163.7	0056	4E4		0.5-	1
165.1	0057	4D0		0.5-	1
166.2	0058	4E0	[4C3]	0.5-	1
167.2	0059	4C3	85	0.5-	1
168.2	0060	4C3	(4K)(4C5) 33:33:33	0.5-	1
176.7	0061	3G9	3* (4Q* PYRITIC)	0.5-	1
180.3	0062	4A41		0.5-	1
180.6	0063	5D*	(4D0)	0.5-	1
182.1	0064	4A4	31 (4L245) 95:05	0.5-	1
192.2	0065	3G0	89	0.5-	1
195.9	0066	5D3		0.5-	1
202.7	0067	5B0	[3G3]	0.5-	1
203.9	0068	5B0	38 [3G3](5D0)(5A6) 70:15:15	0.5-	1
210.2	0069	5C4a3		0.5-	1
213.6	0070	5A6		0.5-	1
217.0	0071	5D4*	(5A6) 97:03	0.5-	1
226.2	0072	3G9a	89 30	0.5-	1
231.9	0073	3G0		0.5-	1
232.5	0074	3G0		0.5-	1
233.0	0075	3G0		0.5-	1
259.8	0076	3G0	83	0.5-	1
260.7	0077	4D4#3	(5D4#)	0.5-	1
269.7	0078	3G0	89	0.5-	1
272.3	0079	4D5	(4D0)(5D)	0.5-	1
280.8	0080	3G9	89	0.5-	1
281.6	0081	4D5		0.5-	1
281.9	0082	5D4a		0.5-	1
282.8	0083	4D5	(4A4)	0.5-	1
283.3	0084	5D4a		0.5-	1
285.9	0085	4D5	(4A4)	0.5-	1
287.2	0086	5D*		0.5-	1
290.0	0087	4D5		0.5-	1
293.2	0088	5D2		0.5-	1
291.6	0089	4D5	(4A4)	0.5-	1
293.4	0090	3G0	(3G9) 80:20	0.5-	1
294.8	0091	4D5	(4C75)(3G19) 33:33:33	0.5-	1
296.3	0092	3G0	89 (10Q0)	0.5-	1
297.3	0093	4D45	(4E4)(4G4) 45:45:10 4D->4E->4G	0.5-	1
298.3	0094	4L0		0.5-	1
300.2	0095	3G0	(3G4)	0.5-	1
301.7	0096	5D3	(3G0)	0.5-	1
305.4	0097	3G0		0.5-	1
307.5	0098	4A0	(4A4)(4D0)(4L0)	0.5-	1
322.4	0099	3G0	(3G9)(3B3)(10Q0) MINOR	0.5-	1
330.0	0100	3G0	(3B3) BIOTITE	0.5-	1
338.8	0101	3G0	(10Q0)(10Q5) 90:05:05	0.5-	1
339.9	0102	4L07		0.5-	1

24OCT83 GRUM

DOWN-HOLE LITHOLOGY (DH020)

PAGE: 7

JDH: FAGA039 UTM-N: 905,250.1 UTM-E: 592,201.2 UTM-ELEV: 1,304.4 TOTAL DEPTH: 378.0 SECTION: W 82
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
342.3	0103	3G0	89 (3G9)(3G4) MINOR	0.5-	1
343.0	0104	5D4		0.5-	1
347.7	0105	4A0	->4C5 AND 5A19	0.5-	1
349.3	0106	4C0	(4L7) 70:30	0.5-	1
352.3	0107	5C4*	(10Q0)(3G4)(5A6&*)(3G0)	0.5-	1
352.3	0108	3G4	(10Q0)	0.5-	1
356.7	0109	4A0	(4C5)	0.5-	1
357.3	0110	4C0		0.5-	1
358.0	0111	5C4	(10Q)	0.5-	1
358.7	0112	4E64		0.5-	1
359.9	0113	4D35	->4E5 (4A4)	0.5-	1
360.0	0114	5D4		0.5-	1
361.2	0115	4E4	(4E3)	0.5-	1
361.4	0116	5D4		0.5-	1
363.0	0117	3G9	(10Q0)(5A6) 90:05:05	0.5-	1
364.6	0118	3G4		0.5-	1
364.7	0119	4C3		0.5-	1
364.8	0120	5D4*		0.5-	1
367.1	0121	3G9	(3G0)(10Q0) 80:10:10	0.5-	1
367.4	0122	3G9		0.5-	1
369.4	0123	3G9	->5A(5D6)	0.5-	1
369.9	0124	4A0	(4G4) AT TOP	0.5-	1
370.4	0125	4E4b	(4E4) 50:50	0.5-	1
371.0	0126	4L		0.5-	1
374.0	0127	4E4	86 38 3*	0.5-	1
377.2	0128	4C0	(4G0) 90:10	0.5-	1
378.0	0129	4E0		0.5-	1

DDH: FAGA089 UTM-N: 905,250.1 UTM-E: 592,201.2 UTM-ELEV: 1,304.4 TOTAL DEPTH: 378.0 SECTION: W 82
 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
FAGA089	0.0	14.0	CS2	D	0	0	0	0	80	300	0		1	1	1
FAGA089	0.0	25.2	CS2	D	0	0	0	0	55	300	0		1	1	1
FAGA089	0.0	39.0	PS2	P	0	0	0	0	62	300	0		1	1	1
FAGA089	0.0	45.4	CS2	M	0	0	0	0	75	300	0		1	1	1
FAGA089	0.0	53.2	PS2	P	0	0	0	0	45	300	0		1	1	1
FAGA089	0.0	60.0	PS2	P	0	0	0	0	78	300	0		1	1	1
FAGA089	0.0	62.8	CS2	M	0	0	0	0	75	300	0		1	1	1
FAGA089	0.0	73.4	CS2	Z	0	0	0	0	82	300	0		1	1	1
FAGA089	0.0	77.2	PS2	P	0	0	0	0	85	300	0		1	1	1
FAGA089	0.0	90.0	PS2	P	0	0	0	0	75	300	0		1	1	1
FAGA089	0.0	94.2	PS2	P	0	0	0	0	85	300	0		1	1	1
FAGA089	0.0	102.3	PS2	P	0	0	0	0	75	300	0		1	1	1
FAGA089	0.0	111.8	CS2		0	0	0	0	70	300	0		1	1	1
FAGA089	0.0	122.6	PS2	P	0	0	0	0	62	300	0		1	1	1
FAGA089	0.0	136.0	PS2	P	0	0	0	0	74	300	0		1	1	1
FAGA089	0.0	141.9	CS2	M	0	0	0	0	57	300	0		1	1	1
FAGA089	0.0	148.5	PS2	P	0	0	0	0	65	300	0		1	1	1
FAGA089	0.0	156.1	PS2	P	0	0	0	0	75	225	0		1	1	1
FAGA089	0.0	161.8	PS2	P	0	0	0	0	75	225	0		1	1	1
FAGA089	0.0	168.5	PS2	P	0	0	0	0	75	225	0		1	1	1
FAGA089	0.0	177.0	CS2		0	0	0	0	74	225	0		1	1	1
FAGA089	0.0	184.6	CS2		0	0	0	0	65	225	0		1	1	1
FAGA089	0.0	190.2	PS2	P	0	0	0	0	80	225	0		1	1	1
FAGA089	0.0	197.0	CS2		0	0	0	0	75	225	0		1	1	1
FAGA089	0.0	203.0	CS2		0	0	0	0	76	225	0		1	1	1
FAGA089	0.0	213.4	PS2	P	0	0	0	0	85	225	0		1	1	1
FAGA089	0.0	221.5	PS2	P	0	0	0	0	65	225	0		1	1	1
FAGA089	0.0	240.5	PS2	P	0	0	0	0	78	225	0		1	1	1
FAGA089	0.0	243.0	PS2	P	0	0	0	0	75	225	0		1	1	1
FAGA089	0.0	255.5	PS2	P	0	0	0	0	83	225	0		1	1	1
FAGA089	0.0	262.4	CS2		0	0	0	0	75	225	0		1	1	1
FAGA089	0.0	265.4	CS2		0	0	0	0	80	225	0		1	1	1
FAGA089	0.0	272.5	PS2	P	0	0	0	0	70	225	0		1	1	1
FAGA089	0.0	279.8	PS2	P	0	0	0	0	85	225	0		1	1	1
FAGA089	0.0	291.0	PS2	P	0	0	0	0	65	225	0		1	1	1
FAGA089	0.0	298.2	PS2	P	0	0	0	0	70	225	0		1	1	1
FAGA089	0.0	303.7	PS2	P	0	0	0	0	75	225	0		1	1	1
FAGA089	0.0	313.0	PS2	P	0	0	0	0	67	225	0		1	1	1
FAGA089	0.0	319.0	PS2	P	0	0	0	0	62	225	0		1	1	1
FAGA089	0.0	324.5	PS2	P	0	0	0	0	73	225	0		1	1	1
FAGA089	0.0	332.0	PS2	P	0	0	0	0	68	225	0		1	1	1
FAGA089	0.0	340.8	PS2	P	0	0	0	0	75	225	0		1	1	1
FAGA089	0.0	350.0	PS2	P	0	0	0	0	35	225	0		1	1	1
FAGA089	0.0	357.7	PS2	P	0	0	0	0	74	225	0		1	1	1
FAGA089	0.0	363.8	PS2	P	0	0	0	0	71	225	0		1	1	1
FAGA089	0.0	372.5	PS2	P	0	0	0	0	75	225	0		1	1	1
FAGA089	0.0	376.0	PS2	P	0	0	0	0	70	225	0		1	1	1

24OCT83 GRUM

DOWN-HOLE FAULTS (DHO20)

PAGE: 9

DDH: FAGA089 UTM-N: 905,250.1 UTM-E: 592,201.2 UTM-ELEV: 1,304.4 TOTAL DEPTH: 378.0 SECTION: W 82
 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
FAGA089	6.1	18.1	B				0	0	0	1
FAGA089	26.1	36.7	RG	4			0	0	0	1
FAGA089	81.7	83.0	G				0	0	0	1
FAGA089	103.0	103.8	G F				99	999	0	1
FAGA089	103.8	105.2	X F				0	0	0	1
FAGA089	105.2	107.7	GRF	5			0	0	0	1
FAGA089	107.7	108.0	XGF				0	0	0	1
FAGA089	108.0	122.4	B	6			0	0	0	1
FAGA089	125.0	128.3	GF				0	0	0	1
FAGA089	128.3	129.9	BP	6			0	0	0	1
FAGA089	132.0	132.4	NNN				0	0	0	1
FAGA089	133.1	134.7	X				0	0	0	1
FAGA089	0.0	143.0	G				0	0	99	1
FAGA089	143.0	144.0	DX?				0	0	0	1
FAGA089	217.0	219.0	3B				0	0	0	1
FAGA089	224.5	226.2	3B				0	0	0	1
FAGA089	226.2	231.9	G				99	999	0	1
FAGA089	232.5	233.0	G				0	0	0	1
FAGA089	234.0	245.0	B	2			0	0	0	1
FAGA089	0.0	252.6	1G				0	0	99	1
FAGA089	0.0	254.3	1G				0	0	99	1
FAGA089	0.0	310.5	1F				0	0	25	1
FAGA089	0.0	318.5	1F				0	0	25	1
FAGA089	307.0	321.0	SF?				0	0	99	1
FAGA089	0.0	321.2	1F				0	0	25	1
FAGA089	330.0	332.3	B				0	0	0	1
FAGA089	0.0	332.3	1G				0	0	99	1
FAGA089	332.3	338.0	B				0	0	0	1
FAGA089	0.0	339.9	1G				0	0	0	1
FAGA089	352.3	352.8	G				99	999	0	1
FAGA089	364.8	367.1	B1G				0	0	99	1
FAGA089	367.1	367.4	G				0	0	0	1
FAGA089	367.4	369.4	SBF				0	0	99	1

24OCT83 GRUM

DOWN-HOLE SPLINES (DH020)

PAGE: 10

DDH: FAGA089 UTM-N: 905,250.1 UTM-E: 592,201.2 UTM-ELEV: 1,304.4 TOTAL DEPTH: 378.0 SECTION: W 82
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH SEGMENT NOS COND INDICATOR

FAGA089	1	2
FAGA089	2	2
FAGA089	3	2
FAGA089	4	1

**THIS REPORT WAS REQUESTED BY: LEEP .GEOLOGY AT: 08:18:58

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Date: 25 JULY 82

Hole Number: FAGA 089

Reference Fabric Orientation Diagram:

Project: GRUM

Location: Vangoda Plateau 10SK3

Claim: Grum 3

Terr. Plane Co-ords.: 905250.3¹ N

592201.5² E

Grid Co-ords: 8 N

82+10 W

Elevation: 1304.8⁴ (C.A.M.C.)

Total Depth: 1240'

Purpose: to test ore

Reason hole Terminated: above but hole ended in massive sulfides, could not get back down hole.

Logged by: OJJ / GAT

Date(s) Logged: 25-28 June 1982

Drilling Contractor: Cameron MacCulloch

Size	CORE From	To	Collar Cased and Capped:
BW	0	16	<u>NV</u>
BQ	16	1240	

Hole Cemented: yes (10 bags)

Steel down hole: 500' rods core barrel and tube.

Started: 3 July 75 Completed: 15 July 75

transform K-A grid coordinates

dip line azimuth (300°)

C.A.M.C. Mine Survey

All symmetry determinations looking

NW with S₂ dipping

SW with dip azimuth 300. was (in 1982) 225 below 150m
now 230 for entire hole

assay log
KA intervals and recoveries needed
C.A.M.C. Recovery Form KA needed

DDH FAGAO.89
 2 meters 8

Cyprus Anvil Mining Corp.
 GOUGE
 Lithologic Log

Page 1 of 1
 Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
1	10 14 16 20 22 24 26 28 30 34 35					
	1161	1181				core broken but no big gouge
	1261	1367				poor recovery → gouge washed away incl contacts
	1817	1830				Gouge contacts incl
	11030	11038				Gouge upper 11 S ₂ lower incl
	11038	11052				Bx label → gouge.
	11052	11080				Gauged
	11080	11224				poor core recovery near top
	11260	11268				gouge incl cont.
	11268	11299				poor recy broken core top 1/2 is gouge
✓	11399	11430				gouge 11 S ₂
		1143				Bxa.
	2117	2119				broken core.
	21745	21762				"
	2262	2319				Gouge upper 11 S ₂ lower 11 S ₂ internal @ 30°
	2325	2330				Gouge upper X S ₂ lower incl
	234	235				core broken
	2411	243				20% recy
		2513				minor S ₂ 11 gouge
		2526				"
		3105				Small fault @ 25/200
		3212				"
		3185				"
	3973	3121				abnormally sheared 11 S ₂ more 090°*
	3310	3388				core broken but not gauged or sheared.
		3399				incl gouge, minor
	3523	3528				gouge upper 11 S ₂ lower incl
	3671	3674				gouge incl probably 11 S ₂
	3674	3694				broken - sheared 11 S ₂ but not gauged

103 708-8
 = major fault.

Lithologic Log

Date: _____

Logged By: DST/GAJ

0-20'

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	00	16		1	*	overburden - casing to 16'
L	6	18		2	SBR80	(090) 95:5 slight green tinge in cut surface but good grey phyllitic partings - core extensively broken but no significant gouges [SBO ±2±8]
L	18	19		3	SD10	
L	19	26		4	SBO1	±8±2
L	26	36		5	SA01	(SD0)(090) 85:15: minor, only 4m of "core" recovered and that's mainly small fragments ⇒ much GOUGE washed away most SD in interval 32m-35m. - contacts indeterm. only ~10cm of actual gouge recovered
L	36	37		6	SA01	(090) 70:30
L	37	40		7	SD01	(SA10*) dolo. 90:10 SA rx could be like "marker"
L	40	44		8	SBR20	(090) 90:10
L	44	46		9	SE2	light colored for that rock, is [SB32]
L	46	47		10	SBR20	(090) 95:5
L	47	52		11	SE2	(SD0)(090) 60:37:3 SE2 is good 'dark
L	52	57		12	SBR20	(SE2)(SD0) 80:15:5 SE2 between that of unit 9 and 11. - SD0 as sparse bands few to 10 cm thick mainly near top
L	57	61		13	SD01	(SE2*) dolo. 85:15 - SE as #2
L	61	65		14	SBR2	
L	65	67		15	SD0	minor grey interbanding
L	67	72		16	SBR62	[SB6(SA6)](SD0)(090)
L	72	74		17	SD01	
L	74	77		18	SBR6	±2 [3G0±9] (SD6)(090) 65:30:5
L	77	81		19	SBR*2	(not SA)
L	81	83		20	SBR26	[SA6] GOUGE contacts ind.
L	83	87		21	SBR*	±2 (SD* ank)(SA6)(090) 80:10:5:5
L	87	91		22	SD*	dolo+ank: (SB*) 75:25
L	91	94		23	SBR*2	dolo? - not strongly carbonac no way is it SA
L	94	99		24	HA4	(4A0)% est 3% overall. [4A41]

Lithologic Log

Date: 23 June 82 Logged By: DST/GAS

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	993	1023		25	4D0	(SD4*) 95:5 est few% SD in 40cm band near center.
L	1023	1030		26	SC4*	mottled.
L	1030	1038		27	SC4*	GOUGE upper 1/5? lower ind.
L	1038	1052		28	4D0	Bra? (SC4*) latter is little more than intact gouge / shine [flag in gouge?]
L	1052	1077		29	SC4*	GOUGE (00*) ~50% recovery - interval entirely gouged with 00* frags at end.
L	1077	1080		30	4D0	Bra (SC4*) Gouge like unit 28 N.B. units 27-30 and start of 31 presumed to mark major(?) fault.
L	1080	1224		31	SB2*	dolo (090) 90:10 ~60% core recovery probably mainly lost near top - core broken overall. short sections of SB2* = 5A6
L	1224	1239		32	SD*	dolo (5A6) 95:5
L	1239	1260		33	SB2*	dolo (SD4* SC4*) (5A6)
L	1260	1268		34	5A6	section is highly gouged, contacts indeterminate
L	1268	1299		35	360	[SB26] (SD4*) 1st 1/2 of unit is entirely gouge, 2nd 1/2 is edgy core chips implying fault zone, 60% core recovery, contacts indeterminate however impression of //s ₂ fault zone
L	1299	1301		36	SC4*	
L	1301	1306		37	4D7	symmetrical infold. of sulphides adj. to SC
L	1306	1320		38	SC4*	
L	1320	1324		39	4D4	Mostly pirated by K-A, appears same as unit 37
L	1324	1328		40	SC4*	
L	1328	1331		41	4L41	
L	1331	1347		42	SB2*	dolo. bra, dark med. gray poorly dev. lichen structure, not carbonaceous enough to be called SA

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	1,347	1,354		4.3	5D4*	
L	1,354	1,430		4.4	5B2*	dolo, same unit as 42, very fine bedding is preserved locally in this unit. imply anoxic & sterile bottom, unit becomes more carbonaceous towards base, short sections in last 2 meters carbonaceous enough to make SA, however not overall SA. last 10cm of unit is approx 1/5 ₂ gouge
L	1,430	1,442		4.5	4E41	(4H0)(4A4) 70:20:10, unit appears to have Po rind represented by 4H0 at top, also at top is a bxa zone. involving sulphide frags of 5D4* & 090 sugg. unit may be related to unit 35 et al.
L	1,442	1,511		4.6	4A13	± 4, gray siliceous bands between sulphide in 4A are very hard. only minor graphite partings i. 4A13
L	1,511	1,537		4.7	4L74	(4C0)(5D4*), 4L74 is approaching 4C, last .3m is 4C overlain by .2m of 5D remainder mainly 4L
L	1,537	1,549		4.8	4C5	about 20% sulphides overall, unit distic. micaceous but lack distinct phyllitic partings, grades upwards into 4C0 (on mm scale)
L	1,549	1,569		4.9	3,60	
L	1,569	1,582		50	4A0	rock more like 4C5, 5C good 4A in places but more like 4E5 at top, one gets impression in top .5m of unit of a gradual change from unit 36 thru increase in overall silica & appearance of quartz sulphide bands with increased density of spacing downwards

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	11582	11602		51	3G9	top. 5 m. is abnormally siliceous implying transition into overlying unit, however lacks signif. sulphides
L	11602	11610		52	4LX	(000)
L	11610	11622		53	3G9	
L	11622	11625		54	4E4	
L	11625	11630		55	4L124	
L	11630	11637		56	4E4	some sections are siliceous enough to get to boundary of 4E
L	11637	11651		57	4D0	very hard, garden variety 4D, good example of unit, contains substantial amounts of mica (pale sericite)
L	11651	11662		58	4E0	[4C3], look very low grade.
L	11662	11672		59	4C3	± 5 still low grade.
L	11672	11682		60	4C3	(4K)(4C5) 33:33:33 minor visible sphalerite base of unit is a transition into 3G from 4C5 + it is marked by quartz ankerite instead of quartz sulphide banding
L	11682	11787		61	3G9	±* (4Q* Dyrritic), latter may be merely post D1 pre D2 veins, unit is darker gray overall than 3G + has conspicuous light-dark striping due to original compositional banding last 1/2 meter somewhat bleached 24L ^(4L245) light bands appear to have some dolo or ankerite, unit is a fence sifter, could also go as 3G0 ± 9 ± *
L	11787	11803		62	4A41	
L	11803	11806		63	5D*	(4D0) 5D is fuchite bearing, unit is symmetrical about 4D & may a fold. nose
L	11806	11821		64	4A4	(4L245) 95:5, last 3cm is a 5D4 band, believe unit is repetition of unit 62

Lithologic Log

Date: 25 June 82 Logged By: DSJ/GJ/MM

Code	From				To				Recov.	No.	Unit	Description
	10	14	16	20	22	24	26	28				
L	1821		1922							65	3G0	±9, upper ½ is darker than lower half and not much diff. than G1, upper 3 m contains minor sulphide banding as pyrite + sphalerite, unit contains several Oq* ± pyrite veins, ± dolo (traces) at top, last 5 m contains dolo + quartz beds making up 20% of rock.
L	1922									66	5D3	top meter appears to be 4L5 derived from 5D3 but 5=ankerite
L	1969		2027							67	5B0	[3G3] looks like 5B, med. gray poorly lithon bearing calcareous phyllite with calcite residing in light coloured bands defining the lithons, fits well into 5B only problem is lithon structure is not well developed but within allowable limits minor inter-layered 5D bands
L	2027		2089							68	5B0	±8 [3G3] (5D0) (5A6) 70:15:15 as above fits in 5B just fine.
L	2089		2102							69	5C4*	mottled, ankerite + calcite
L	2102		2136							70	5A6	dispite best efforts cannot get it to be dolomitic
L	2136		2170							71	5D4*	(5A6) 97:3, 5D contains foghite + is very light coloured due to large amounts of sericite on talc, foliation planes have slippery feel
L	2170		2262							72	3G*	±9 ± 0, rock is rich in quartz + dolo + ankerite (?) + minor calcite silty bands, top of unit 217-2A is very broken bottom 224.5-226.2 also very broken + Oq* veined presumably reflecting underlying fault, ±9 refers to upper + lower broken intervals

Code	From				To				Recov.	No.	Unit	Description
	10	14	16	20	22	24	26	28				
L	2262		2319						73	360		gouge, lower contact appears // S ₂ also upper contact - hard to tell internal gouge in middle of units Makes 30° angle to core axis, gouge above that is // S ₂ in region
L	2319		2325						74	360		
L	2325		2330						75	360		gouge, upper contact may cross cut S ₂ , but ambiguous, lower contact indeterminate
L	2330		2598						76	360		±3, minor 3 unit homo. & boring Minor OQO, core broken 234 to 245 appears to be fair amount of core loss 241-243 20% recovery, minor // S ₂ gouge at 254.3 & 252.6
L	2598		2607						77	4D4*		(5D4*) calcite & dolc
L	2607		2697						78	360		±9 transitional to 360 ± 9 ±3, calc-silicate, not much diff. from unit 76 locally dev. lithon structure, DSJ foliate, not enough carbon to be SA,
L	2697		2723						79	4D5		(4D0)(5D) 5D occurs as thin bands in ore, some as little as 2cm thick., 4D5 is dominant lithology with common phylitic partings clearly analogous to 4A4. Not less graphitic, some section approach 4D345
L	2723		2808						80	369		±* - dolc or ankerite, minor (SA0 ±) probably unit is distinct. more carbonaceous than above but will not make SA
L	2808		2816						81	4D5		similar to unit 79, unit appears to bottom in baritic sulphides implying over turned anvil cycle

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	2816	2819		82	5D4*	ankeritic, minor fuchite unit appears to be infold repeating sulphides on either side
L	2819	2828		83	4D5	(444) minor minor barite at top
L	2828	2833		82 + 83	5D4*	ankerite, exactly like units 82 + 83
L	2833	2869		84	4D5	(444), section marked by soft phylitic partings as opposed to very hard types
L	2869	2872		85	5D*	minor fuchite
L	2872	2900		86	4D5	similar to unit 84
L	2900	2902		87	5D*	ankeritic
L	2902	2918		88	4D5	(444) last 5m gradational into 3G0
L	2918	2934		89	3G0	(369) 80:20
L	2934	2948		90	4D5	(4C75)(3619) sub equal amount
L	2948	2963		91	3G0	±9 (00*)
L	2963	2973		92	4D45	(4E4)(464) 45:45:10 sub units arranged in order 4D 4E 46 going down hole implying overturned anvil cycle!
L	2973	2983		93	4L9	
L	2983	3002		94	3G9	(364)
L	3002	3017		95	5D*	dolomitic (360)
L	3017	3064		96	3G0	
L	3064	3075		97	4A0	(4A4)(4D0)(4L0) 4L0 may be after 5D + 4A0 is a fence siller very close to 4C5
L	3075	3224		98	3G0	(369)(3B3)(000) mainly 360 other lithologies are minor + scattered, at 310.5 have small fault 25/270, another small fault at 321.2, 25/270, " " " 318.5 at 25/270, core appears abnormally sheared // S ₂ from top to 321, + abnormal large amounts of 00* + 000 in S ₂ folia form

core appears abnormally sheared // S₂ from top to 321, + abnormal large amounts of 00* + 000 in S₂ folia form

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	3224	3300		99	360	(3B3) hypotitic, no abnormally gouged or sheared section minor, OQ*
L	3300	3388		100	360	(OQO)(OQ*)* = ankerite 90:5:5, core is abnormally broken, but not abnormally sheared or gouged, minor //s ₂ gouge 332.03
L	3388	3399		101	4207	traces calco-pyrite locally fairly siliceous, minor indeterminate gouge at base //s ₂ (?)
L	3399	3428		102	360	±9 (369), (364) minor, no faults or gouges
L	3428	3430		103	5D4*	ankerite "lots of ochre"
L	3430	3477		104	4A0	variety of 4A with phyllic partings, grades locally to 4C5 grades to SA19, too.
L	3477	3498		105	4C9	(4L7) 70:30 with 4L towards top.
L	3498	3523		106	5C4*	(OQO)(364)(SA6±*)(360) this is a complexly interleaved unit not worthy of subdivision, consider it mainly 5C4
L	3523	3528		107	364	(OQO) gouge, upper contacts //s ₂ lower contacts indeterminate
L	3528	3567		108	4A0	(4C5) minor ankerite
L	3567	3573		109	4C9	
L	3573	3580		110	5C4*	ankeritic, fuchite bearing (OQ*)
L	3580	3587		111	4E6	
L	3587	3599		112	4D3S	transitional 4E5 (4A4) at 359.2 is most 4A4, it appears to be center of symmetry for this sulfide section + is an F ₂ hinge
L	3599	3600		113	5D4*	ank + fuchite

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	36100	36122		114	4E4	(4E8) intersects appears to have center of symmetry at 360.5, minor SD interbands 1cm thick.
L	36122	36144		115	SD4*	ank
L	36144	36130		116	3G9	(000) (SAG) 90:5:5.
L	36130	36146		117	3G4	transitional to 4L67.
L	36146	36147		118	4C3	
L	36147	36148		119	SD4*	
L	36148	36171		120	3G9	(3G0) (000) 80:10:10 core broken and minor S ₂ foliaform near 000
L	36171	36174		121	3G9	gouge, contacts indeter. but thought to be // S ₂
L	36174	36194		122	3G9	transitional to SA (SDC) 98:2, unit sheared // S ₂ thru out esp. near top, not general gouged but broken.
L	36194	36199		123	4A0	(464) at top, lying upright anvil cycle 60:40
L	36199	3704		124	4E4G	(4E4) 50:50, barite at top implying upright cycle with obvious alternative pass
L	3704	3710		125	4L	
L	3710	3740		126	4E4	±6 ±8, ±* alternatively could be broken down to 4E4, 4E6, 4G0, 4K etc. but not much point because core is disordered.
L	3740	3772		127	4C0	(4G0) 90:10, 4C contains prom. bugs which are silica lined & appear to be after ankerite blebs, believe may have been 4G originally with barite bleaching followed by ankerite depos. & bleach + len silica.
L	3772	3780		128	4E0	

378.0 = END OF HOLE

DDH FAGA089
2 meters 8

Cyprus Anvil Mining Corp.

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Structural Log

Date: 27 June Logged By: GT/DC

Code	From		To		Feature	SVE	S ₀		S ₁		S ₂		Description
	10	14	16	20			Dip	Direct.	Dip	Direct.	Dip	Direct.	
S			14	0	INDD						80	300	
S			125	2	INDD						55	211	
S			139	0	INDP						62	211	
S			145	4	CSZM						75	211	
S			153	2	INDP						45	211	
S			160	0	INDP						78	211	
S			162	8	CSZM						75	211	
S			173	4	CSZE						82	211	
S			177	2	INDP						85	211	
S			190	0	INDP						75	211	CS _n at 30/180 ⇒ S ₂ dips a
S			194	2	INDP						85	211	
S			102	3	INDP						75	211	
S			111	8	CSZ						90	211	
S			122	6	INDP						62	211	
S			136	0	INDP						74	211	
S			141	9	CSZM						57	211	
S			148	5	INDP						65	300	
S			156	1	INDP						75	225	
S			161	8	INDP						75	211	
S			168	5	INDP						75	211	
S			177	0	CSZ						74	211	S ₁ is vertical
S			184	6	CSZ						65	211	
S			190	2	INDP						80	211	
S			197	0	CSZ						75	211	
S			203	0	CSZ						76	211	
S			213	4	INDP						85	211	
S			221	5	INDP						65	211	
S			243	0	INDP						75	211	
S			240	5	INDP						78	211	
S			255	5	INDP						83	211	
S			262	4	CSZ						95	211	
S			265	4	CSZ						80	211	
S			292	5	INDP						70	211	
S			279	8	INDP						85	211	
S			291	0	INDP						65	211	
S			298	2	INDP						70	225	

CODE	FROM		TO	SAMPLE		INTR.		REC (m)		UNIT		DESCRIPTION
	10	14	16	20	22	26	28	30	32	34	36	
✓ P	949		971		12548		21		15		4A4	(4A0)
✓ P	971		993		12549		21		19		4A4	(4A0)
✓ P	993		1008		12550		15		14		4D0	(5D4*)
✓ P	1008		1023		12551		15		15		4D0	(5D4*)
✓ P	11430		11442		12552		12		11		4E4	(4H0)(4A4)
✓ P	11442		11465		12553		23		22		4A3	±4
✓ P	11465		11488		12554		23		22		4A3	±4
✓ P	11488		11511		12555		23		22		4A3	±4
✓ P	11511		11537		12556		26		26		4L74	(4C0)(5D4*)
✓ P	11537		11549		12557		12		12		4C5	
✓ P	11569		11582		12558		13		13		4A10	
✓ P	11622		11637		12559		15		15		4E4	(4L24)
✓ P	11637		11655		90459		18		17		4E0	
✓ P	11655		11680		91041610		25		25		4E10	(4C3)±5(4K)(4C37) KA# 2514 KA# 2515
✓ P	11787		11803		12560		16		16		4A4	
✓ P	11806		11821		12561		15		15		4A4	
✓ P	2598		2607		904161		09		09		4D4*	(5D4*) KA# 26 5.03 27 9.50 29 3.12
✓ P	2697		2723		12562		18		18		4D5	(4D0)(5D)
✓ P	2808		2816		12563		08		08		4D5	
✓ P	2819		2828		12564		09		09		4D5	(4A4)
✓ P	2833		2853		12565		20		20		4D5	(4A4)(5D4*)
✓ P	2853		2872		12566		19		19		4D5	(4A4)(5D4*)
✓ P	2872		2900		12567		28		28		4D5	(4A4)(5D4*)
✓ P	2900		2918		12568		18		18		4D5	(4A4)(5D4*)
✓ P	2934		2948		12569		14		14		4D5	(4C75)(3G19)

4281
40282
271

no KA#
497#

note change 163.7-165.5 to 4C0 on
1.4.6 log.

ASSAY LOG (SAMPLER'S COPY)

Date 28 June 82

Sampled by _____

CODE	FROM		TO		SAMPLE		INTR.		REC (m)		UNIT		DESCRIPTION
	10	14	16	20	22	26	28	30	32	34	36	40	
✓ P	129	163	129	173	12570		10	10	40	45	(4E4)(4G4)		
P	343	30	344	44	90450		14	14	4A0		(5D4*)	KA # 2528	
P	344	44	347	77	90451		33	33	4A0		(5D4*)	" 2529	
P	347	77	349	98	90452		21	21	4C0		(4L7)	" 2530	
P	352	77	356	67	90453		40	40	4A0		(4C5)	" 2531	
P	356	67	357	76	90455		09	09	4C0			" 2532	
✓ P	358	80	358	87	12571		07	07	4E4		(4D4)		
✓ P	358	87	359	99	12572		12	12	4D3		5		
✓ P	359	99	361	12	12573		13	13	4E4		(4E8)(5D4*)		
✓ P	369	94	370	44	12574		10	10	4A0		(4E4G)		
✓ P	371	10	372	5	12575		15	15	4E4		±6 ±8 ±*		
✓ P	372	5	374	0	12576		15	15	4E4		±6 ±8 ±*		
✓ P	374	0	375	6	12577		16	16	4C0		(4G0)		
✓ P	375	6	377	2	12578		16	16	4C0		(4G0)		
P	377	2	378	0	94056		08	08	4E0			KA # 2539	

DDH F16A089
2 8

Cyprus Anvil Mining Corp.

Page _____ of _____

metrick

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	32	34	
		116		118	R								
		126		136	RG	4							
		181		183	G								
		103	0	103	G	F		115					
		110	3	110	S	X	F						
		110	5	110	2	G	R	F	S				
		110	7	110	8	X	G	F					
		140	8	142	2	B							
		126	0	128	3	G	F						
		128	3	129	9	B							
		132		132	4	N	N						
		133	1	134	7	X							
				143	0	G			115				
		143	0	144	0	D	X?						
		211	7	211	9	B	B						
		224	5	226	2	B							
		226	2	231	9	G		115			115		
		232	5	233	0	G							
		234		245		B							
				254	3	G			115				
				252	6	G			115				
				310	5	F			25	270			
				321	2	F			25	270			
				318	5	F			25	270			
		307		321		S	F?		115				
		330		332	3	B							
				332	3	G			115				
		332	3	338	0	B							
				339	9	G							
		352	3	352	8	G		115					
		364	8	367	1	B			115				
		367	1	367	4	G							
		367	4	369	4	S	B	F	115				

DIAMOND DRILL RECORD

LOGGED BY M. de Quadros

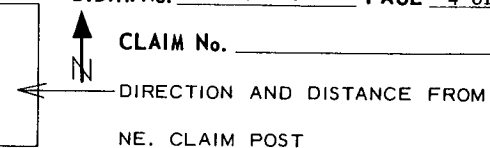
PROPERTY _____

D.D.H. No. 75-A89 PAGE 4 of 15

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

CLAIM No. _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____



ELEVATION _____ DIP TESTS _____ DEPTH Proposed: _____ Ultimate: _____

FOOTAGE		DESCRIPTION	Rec. Ft.	Sample No.	Footage		Sample Length	Assay					Assay x Feet				
FROM	TO				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag		
84.14	87.50	QUARTZ - SERICITE - GRAPHITE PHYLITE Medium gray Very fissile, broken into thin discs. F2 approx. 80-90 .	0.5/ 0.61		84.43	85.04											
	267.0'		0.31/ 1.52			86.56											
			0.82/ 0.88			87.48											
			1.73/ 1.83			89.31											
87.50	94.92	QUARTZ - SERICITE - CALCITE PHYLITE Light gray Banded competent rock with both F1 and F2 visible. F2 75 .	0.61/ 0.61			91.14											
	311.3'	87.50-90.93 -- more competent	2.25/ 2.43			93.57											
		-94.92 -- more fissile, less calcareous	1.15/ 1.35			94.92											
94.92	102.02	QUARTZ - SERICITE - SULPHIDE PHYLITE Light gray Banded, compact rock with well developed F2 (with parallel partings) Sulphides controlled by F2. F2 consistently 70-80°.	0.4	1797	94.92	95.40	0.48	.83	2.46	.29	✓						
	334.6'	94.42-98.14 -- partly bleached with minor graphite	0.41	1798		96.32	0.92	2.18	5.80	1.03			2.01	5.34	.95		
		-102.02 -- bleached															
		94.92- 95.40 -- 5% pyrite, 1-2% lead-zinc	0.30	1799		96.62	0.30	3.08	4.14	1.27			.92	1.24	.38		
		- 96.32 -- 8% pyrite, 4-5% lead-zinc															
		- 96.62 -- 8% pyrite, 1.5% lead-zinc	1.05	1800		97.84	1.22	2.43	4.32	1.12			2.96	5.27	1.37		
		- 97.84 -- 7% pyrite, 4% lead-zinc															
		- 99.15 -- 6% pyrite, 3% lead-zinc	1.29	2501		99.15	1.31	2.67	3.24	1.18			3.50	4.24	1.55		
		-100.63 -- 6% pyrite, 2% lead-zinc															
		-102.02 -- 5% pyrite, 1% lead-zinc	1.44	2502		100.63	1.48	1.93	3.48	.94			2.86	5.15	1.39		
			1.38	2503		102.02	1.39	1.65	3.06	.71			2.29	4.25	.99		

DIAMOND DRILL RECORD

LOGGED BY M. de Quadros

PROPERTY _____

D.D.H. No. 75-A89 PAGE 7 of 15

LATITUDE _____ BEARING OF HOLE _____

STARTED _____

CLAIM No. _____

DEPARTURE _____ DIP OF HOLE _____

COMPLETED _____



DIRECTION AND DISTANCE FROM

ELEVATION _____ DIP TESTS _____

Proposed:
DEPTH Ultimate: _____

NE. CLAIM POST

FOOTAGE		DESCRIPTION	Rec. Ft.	Sample No.	Footage		Sample Length	Assay				Assay x Feet				
FROM	TO				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag	
135.94	142.96	QUARTZ - SERICITE PHYLLITE Light gray Banded, compact, well foliated rock with good Fl. Pyritic, especially on partings. Minor pyrrhotite. F2 70-75°. Tension fractures and vertical slips now cemented. Some fractures pyritised. 141.12-142.39 -- broken, shear? Occasional graphite 142.86-142.96 -- gouge, graphitic	6.86/ 7.02		135.94	142.96										
142.96	157.51	QUARTZ - SERICITE SULPHIDE ROCK Light gray Banded quartz-sericite phyllite, mineralized and in part replace by sulphides. F2 well developed and very mineralized. F1 rarely visible. Occasionally graphitic. 142.96-143.33 -- quartz sulphide: 30% pyrite, 18% lead-zinc -144.27 -- massive sulphide: 80% pyrite, 3% lead-zinc -145.69 -- quartz-sericite sulphide: 9% pyrite, 2% lead-zinc -148.09 -- as above, 14% pyrite, 4% lead-zinc -149.02 -- as above: 6% pyrite, 2% lead-zinc -151.20 -- quartz-sericite-graphite: 1% pyrite, 1% lead-zinc -152.54 -- bleached quartz-sericite: 3% pyrite, 1% lead-zinc -155.11 -- as above: 8% pyrite, 2% lead-zinc -156.86 -- as above: trace -157.51 -- as above: 4% pyrite, 4-5% lead-zinc breccia along F2 mineralized in F1	0.37 0.85 1.28 2.21 0.92 2.10 1.34 2.56	2504 2505 2506 2507 2508 2509 2510 2511	142.96 144.27 145.69 148.09 149.02 151.20 152.54 155.11	143.33 144.27 145.69 148.09 149.02 151.20 152.54 155.11	0.37 0.94 1.43 2.40 0.93 2.18 1.34 2.57	4.50 2.35 4.20 4.50 3.15 1.15 .60 .88	7.78 2.70 3.18 6.79 5.44 2.10 1.22 1.05	2.18 1.50 1.47 1.65 1.35 .47 .26 .35						
			1.75/ 1.75			156.86										
			0.65	2512	157.51		0.65	3.23	6.60	1.32						
				W. Av.	142.96	145.69	2.73	3.60	3.64	1.58	(54.1)			9.838	9.933	4.304
				W. Av.	145.69	149.02	3.33	4.12	6.47	1.57	(53.8)			18.73	21.355	5.216
				W. Av.	151.20	155.11	3.91	1.9	762							

DIAMOND DRILL RECORD

LOGGED BY M. de Quadros

PROPERTY _____

LATITUDE _____

BEARING OF HOLE _____

STARTED _____

DEPARTURE _____

DIP OF HOLE _____

COMPLETED _____

ELEVATION _____

DIP TESTS _____

DEPTH Ultimate: _____

Proposed:

Ultimate:

D.D.H. No. 75-A89 PAGE 11 of 15

CLAIM No. _____

DIRECTION AND DISTANCE FROM

NE. CLAIM POST

FOOTAGE		DESCRIPTION	Rec. Ft.	Sample No.	Footage		Sample Length	Assay				Assay x Feet						
FROM	TO				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag			
224.6	226.5	QUARTZ - SERICITE PHYLLITE (SHEARED) As above. Sheared and broken. F2 changes to opp 45°. Grades into next unit.																
226.5	233.1	FAULT ZONE Gray gritty gouge, generally clay-like with large fragments. Originally quartz-sericite phyllite. Heavy core loss.	2.2/ 6.6	2265	233.1													
233.1	252.7	QUARTZ - SERICITE PHYLLITE (SHEARED) Light gray. As above, but very broken. F2 consistently 80-90 to C.A. Rock very fissile, resulting in thin poker chips. Minor gougy zones.	12.8/ 19.6		233.1	252.7												
252.7	272.0	QUARTZ - SERICITE PHYLLITE As above but not broken. F2 80-90. Minor quartzitic slips 30° to vertical. Minor pyrite. Minor sulphide bands 259.9-260.7 -- 4-5% pyrite, 7-8% lead-zinc F2 75°, lower contact 60°, upper 85°. 269.8-272.0 -- 20% pyrite, 14% lead-zinc	7.15/ 0.8 9.0/ 9.1 1.2		252.7	259.9 260.7 269.8 272.0			0.8	5.03	9.50	2.12						
272.0	280.8	QUARTZ - GRAPHITE - SERICITE PHYLLITE Banded, dark gray, well foliated and fissile rock, very pyritic and pyrrhotitic, showing minor F2 folding. F2 overall 75-85°	8.7		272.0	280.8												

to member below.

DIAMOND DRILL RECORD

LOGGED BY M. de Quadros

PROPERTY _____

D.D.H. No. 75-A89 PAGE 14 of 15

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

CLAIM No. _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

DIRECTION AND DISTANCE FROM

ELEVATION _____ DIP TESTS _____ DEPTH Ultimate: _____

NE. CLAIM POST

FOOTAGE		DESCRIPTION	Rec. Ft.	Sample No.	Footage		Sample Length	Assay					Assay x Feet				
FROM	TO				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag		
		342.8-345.3 -- F2 opp 70°															
		-347.7 -- F2 variable. Large fold; axis at 356.2; extending from 345.3-347. 45° fracture @ 347.2 with small quartz crystals.	1.6	2528	342.8	344.4	1.6	.05	.36	.03		0.41					
		342.8-344.4 -- 8-10% pyrite, 2% lead-zinc															
		-347.7 -- 8-10% pyrite, 2% lead-zinc	3.3	2529		347.7	3.3	.21	.38	.24		0.59					
		-349.8 -- 6% pyrite, 1% lead-zinc															
		-351.4 -- quartz-chlorite-fuschite	2.1	2530		349.8	2.1	.03	.03	.03		0.06					
		-352.7 -- quartz-sericite phyllite, broken and partly sheared															
		-356.7 -- quartz-sericite-sulphide rock, partly broken with cemented fractures 30-60° to C.A. With copper.	1.6/ 1.6			351.4	?										
		3-4% pyrite, 1% lead-zinc	1.3/ 1.3			352.7											
		-357.6 -- as above, but bleached: 3-4% pyrite, 1% lead-zinc	4.0	2531		356.7	4.0	.08	.14	.09		0.22					
		-358.0 -- quartz-fuschite with galena, F2 70°															
		358.0-359.8 -- massive sulphide, 10% quartz, 60% pyrite, 2% lead-zinc F1 seen in quartz layers, F2 approx 90°	0.9	2532		357.6	0.9	.09	.16	.03		0.25					
		-366.0 -- quartz-sericite rock, bleached, barren	0.4/ 0.4			358.0	0.4										
		-366.9 -- quartz sulphide, vertical slips, fracture 30°, F2 75°, 40% pyrite, 2% lead-zinc	1.8	2533	358.0	359.8	1.8	2.50	3.84	1.50							
		-369.5 -- altered and partly bleached rather mixed quartz-sericite phyllite. Generally broken, gougry in parts. F2 very variable. Grades into below.	6.2/ 6.2			366.0	6.2										
			0.9	2534		366.9	0.9	5.83	4.08	1.68							
			11.6/ 12.6			369.5											
369.5	378.0	MASSIVE SULPHIDE															
	1239.8	Grading from above, massive unit, very pyrrhotitic in 6 cm layers. Unbroken, with good F2 parting, generally at 60-70°, and a fracture 30-45° to C.A. Often recemented. Minor quartz, pose in lead-zinc. Partly leached.		W.B.V.	342.8	349.8	7.0	0.39	Pt Zn			2.74	Pt Zn				
				"	352.7	357.6	4.9	0.23	"			1.11	"				

DDH: FAGA089 -- 42 DEGREE PROFILE

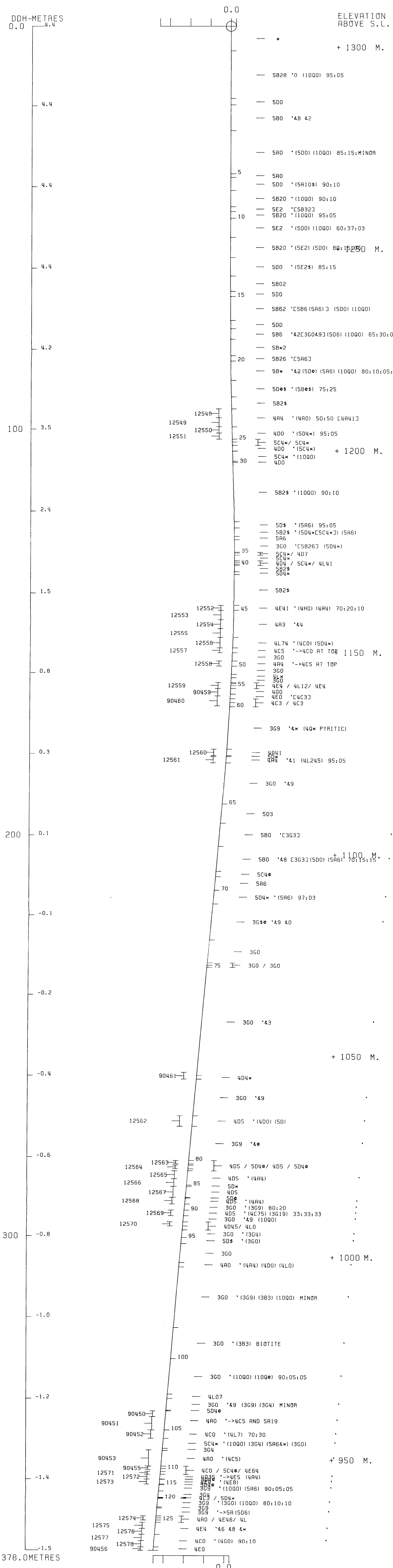
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1304 592201E ; 905250N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 620.4 Z = 1305.3

SECTION NAME: 82W



DDH: FAGA089 -- 42 DEGREE PROFILE

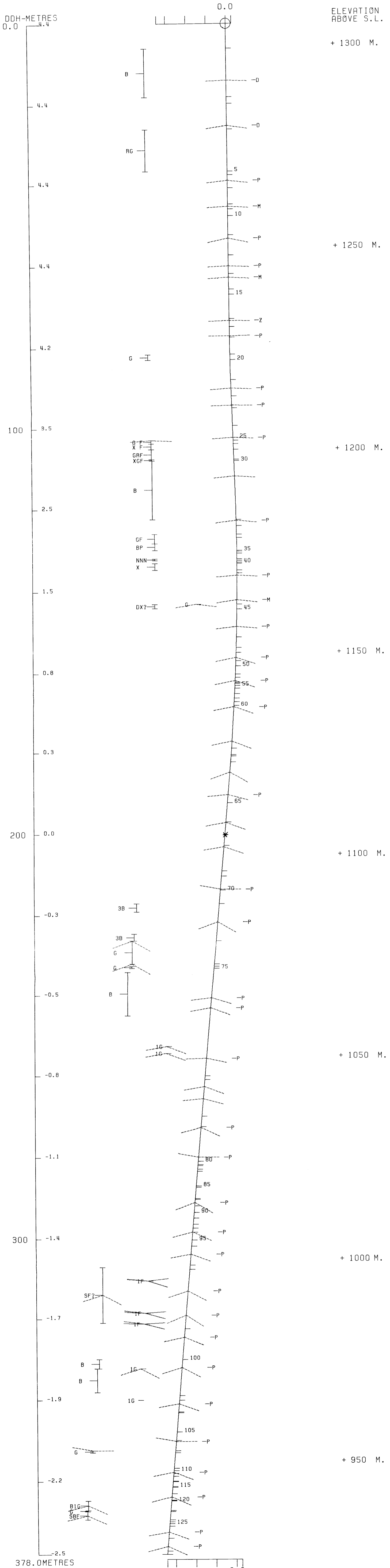
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1304 592201E ; 905250N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 620.4 Z = 1305.3

SECTION NAME: 82W



FAGA 093

10/15/00 093 - 1000

DRILL HOLE : FAGA093
NORTHING : 905,290.3
EASTING : 592,243.9
ELEVATION : 1,302.8
TOTAL DEPTH : 350.5
SECTION : W 82
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS ORE-SAMPLES: 17
NOS DOWN-H-SURVEYS: 6
NOS DOWN-H-LITHOLOGY: 100
NOS DOWN-H-STRUCTURE: 39
NOS DOWN-H-FAULTS: 50
NOS DOWN-H-SPLINES: 6
NOS COMPOSITES: 0

17OCT83 GRUM

DOWN-HOLE SURVEYS (DHO20)

PAGE: 33

DDH: FAGA093 UTM-N: 905,290.3 UTM-E: 592,243.9 UTM-ELEV: 1,302.8 TOTAL DEPTH: 350.5 SECTION: W 82
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHO CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
61.000	175.000	113.000
121.900	169.000	113.000
195.100	163.800	124.000
262.100	162.800	117.000
335.300	168.000	58.000

DDH: FAGA093 UTM-N: 905,290.3 UTM-E: 592,243.9 UTM-ELEV: 1,302.8 TOTAL DEPTH: 350.5 SECTION: W 82
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
5.0	0001	#		0.5-	1
17.9	0002	580	(500)	0.5-	1
23.5	0003	586		0.5-	1
29.5	0004	500		0.5-	1
29.8	0005	5886		0.5-	1
36.0	0006	503		0.5-	1
39.6	0007	586	(500)	0.5-	1
40.4	0008	500		0.5-	1
40.7	0009	500		0.5-	1
42.7	0010	580	(500)	0.5-	1
44.8	0011	580		0.5-	1
45.6	0012	500		0.5-	1
48.4	0013	580		0.5-	1
50.4	0014	500		0.5-	1
55.7	0015	580	(10Q0)	0.5-	1
58.9	0016	503	(580) 90:10	0.5-	1
61.5	0017	580	(500) 80:20	0.5-	1
66.0	0018	503	(580) 90:10	0.5-	1
71.0	0019	580	(500) 90:10	0.5-	1
76.6	0020	500	(500)	0.5-	1
77.2	0021	400		0.5-	1
78.5	0022	4A4	(50*) 90:10	0.5-	1
79.1	0023	504a		0.5-	1
81.2	0024	4A4	(504a) 95:05	0.5-	1
81.3	0025	504*		0.5-	1
81.9	0026	4A0		0.5-	1
82.3	0027	504a		0.5-	1
84.2	0028	4A0	(405) 50:50	0.5-	1
84.8	0029	4L1	82	0.5-	1
86.5	0030	405		0.5-	1
87.3	0031	4L12	84	0.5-	1
87.8	0032	4A0	(10Q0)	0.5-	1
87.9	0033	4A0		0.5-	1
88.7	0034	3G9		0.5-	1
106.6	0035	3G0		0.5-	1
112.8	0036	405		0.5-	1
129.4	0037	3G0	89	0.5-	1
133.8	0038	4L0	(3G0)	0.5-	1
135.9	0039	3G0	89	0.5-	1
136.5	0040	504s		0.5-	1
137.0	0041	504*	(3G0)	0.5-	1
137.5	0042	4E4	8#	0.5-	1
139.2	0043	504*		0.5-	1
140.5	0044	4A41		0.5-	1
142.0	0045	504*	(4L1)	0.5-	1
143.6	0046	4E46	5 (4L1) [504]	0.5-	1
146.1	0047	3G9	(50*) 90:10	0.5-	1
147.0	0048	504*		0.5-	1
148.0	0049	4A0	(400)	0.5-	1
148.2	0050	400		0.5-	1
174.5	0051	3G39	[5A0] (3G0)(4L0)	0.5-	1

DDH: FAGA093 UTM-N: 905,290.3 UTM-E: 592,243.9 UTM-ELEV: 1,302.8 TOTAL DEPTH: 350.5 SECTION: W 82
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
175.1	0052	5D4a	(3G0) 70:30	0.5-	1
179.9	0053	3G0	89	0.5-	1
184.4	0054	4L1	(5D4*)(5A6)	0.5-	1
185.0	0055	5C4a		0.5-	1
185.3	0056	4E0	(5C4*)	0.5-	1
185.5	0057	5A19		0.5-	1
188.2	0058	5D0	[5C0]	0.5-	1
192.9	0059	5C0		0.5-	1
195.7	0060	5D0	[5C4*][588]	0.5-	1
197.0	0061	5886		0.5-	1
200.2	0062	3G0		0.5-	1
203.5	0063	3G9	83	0.5-	1
207.0	0064	3G0	(3G9)	0.5-	1
212.8	0065	5A0	83	0.5-	1
214.3	0066	5C04	*	0.5-	1
214.7	0067	5A0		0.5-	1
219.6	0068	5D*	(3G0 89)	0.5-	1
221.3	0069	588		0.5-	1
222.7	0070	3G0	89	0.5-	1
223.2	0071	3G0		0.5-	1
230.9	0072	3G0	89 83	0.5-	1
231.4	0073	5D3		0.5-	1
233.3	0074	3G0	88 89 83	0.5-	1
234.4	0075	5D3		0.5-	1
237.9	0076	3G0	89 (3B3) [503]	0.5-	1
241.0	0077	5D3	(3G0) 95:05	0.5-	1
247.8	0078	3G0	(5D4)	0.5-	1
253.6	0079	5A6		0.5-	1
274.3	0080	5A0		0.5-	1
280.4	0081	5Aa	83	0.5-	1
285.0	0082	5D4a	(5A0)(5A6)(5C_) 60:20:15:05	0.5-	1
289.3	0083	5A1	(3G0 89)(1000) 30:40:30	0.5-	1
289.7	0084	4E4		0.5-	1
290.8	0085	4L21	4 (5A19)	0.5-	1
298.4	0086	3G4	89 (4L2)	0.5-	1
301.9	0087	4C5		0.5-	1
302.1	0088	5D4*		0.5-	1
302.7	0089	4E46	#	0.5-	1
303.5	0090	5D4a		0.5-	1
304.9	0091	4C5	(4L124)(4C0)	0.5-	1
319.8	0092	3G0		0.5-	1
322.0	0093	4L0	87	0.5-	1
325.0	0094	3G8	[5D6]	0.5-	1
341.0	0095	3G0		0.5-	1
341.4	0096	3G0		0.5-	1
344.6	0097	3G0		0.5-	1
348.0	0098	3G4		0.5-	1
348.5	0099	4A4	(4H4)	0.5-	1
350.5	0100	4L0	82 84	0.5-	1

DDH: FAGA093 UTM-N: 905,290.3 UTM-E: 592,243.9 UTM-ELEV: 1,302.8 TOTAL DEPTH: 350.5 SECTION: W 82
 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	SOC	PROCESS
FAGA093	0.0	13.5	CS2		0	0	0	0	45	230	0		1	1	1
FAGA093	0.0	35.5	CS2		0	0	0	0	88	230	0		1	1	1
FAGA093	0.0	46.1	CS2		0	0	0	0	72	230	0		1	1	1
FAGA093	0.0	55.5	CS2		0	0	0	0	62	230	0		1	1	1
FAGA093	0.0	63.3	CS2		0	0	0	0	70	230	0		1	1	1
FAGA093	0.0	74.0	CS2		0	0	0	0	67	230	0		1	1	1
FAGA093	0.0	81.0	CS2		0	0	0	0	67	230	0		1	1	1
FAGA093	0.0	85.2	CS2		0	0	0	0	58	230	0		1	1	1
FAGA093	0.0	92.2	CS2		0	0	0	0	65	230	0		1	1	1
FAGA093	0.0	100.0	PS2	P	0	0	0	0	68	230	0		1	1	1
FAGA093	0.0	108.5	CS2		0	0	0	0	72	230	0		1	1	1
FAGA093	0.0	120.0	CS2		0	0	0	0	76	230	0		1	1	1
FAGA093	0.0	121.3	CS2		0	0	0	0	72	230	0		1	1	1
FAGA093	0.0	139.5	CS2		0	0	0	0	70	230	0		1	1	1
FAGA093	0.0	145.4	PS2	P	0	0	0	0	76	230	0		1	1	1
FAGA093	0.0	151.3	CS2		0	0	0	0	75	230	0		1	1	1
FAGA093	0.0	171.0	CS2		0	0	0	0	77	230	0		1	1	1
FAGA093	0.0	174.1	PS2	P	0	0	0	0	80	230	0		1	1	1
FAGA093	0.0	188.5	PS2	P	0	0	0	0	72	230	0		1	1	1
FAGA093	0.0	194.5	PS2	P	0	0	0	0	80	230	0		1	1	1
FAGA093	0.0	200.0	PS2	P	0	0	0	0	64	230	0		1	1	1
FAGA093	0.0	206.6	PS2	P	0	0	0	0	80	230	0		1	1	1
FAGA093	0.0	213.8	PS2	P	0	0	0	0	80	230	0		1	1	1
FAGA093	0.0	222.6	CS2		0	0	0	0	75	230	0		1	1	1
FAGA093	0.0	231.7	CS2		0	0	0	0	80	230	0		1	1	1
FAGA093	0.0	237.4	PS2	P	0	0	0	0	72	230	0		1	1	1
FAGA093	0.0	253.8	PS2	P	0	0	0	0	75	230	0		1	1	1
FAGA093	0.0	265.7	PS2	P	0	0	0	0	72	230	0		1	1	1
FAGA093	0.0	269.8	PS2	P	0	0	0	0	64	230	0		1	1	1
FAGA093	0.0	275.3	PS2	P	0	0	0	0	73	230	0		1	1	1
FAGA093	0.0	284.2	PS2	P	0	0	0	0	60	230	0		1	1	1
FAGA093	0.0	298.7	PS2	P	0	0	0	0	75	230	0		1	1	1
FAGA093	0.0	305.8	PS2	P	0	0	0	0	72	230	0		1	1	1
FAGA093	0.0	313.6	PS2	P	0	0	0	0	68	230	0		1	1	1
FAGA093	0.0	319.2	PS2	P	0	0	0	0	62	230	0		1	1	1
FAGA093	0.0	326.4	PS2	P	0	0	0	0	72	230	0		1	1	1
FAGA093	0.0	332.6	PS2	P	0	0	0	0	72	230	0		1	1	1
FAGA093	0.0	338.3	PS2	P	0	0	0	0	78	230	0		1	1	1
FAGA093	0.0	345.4	PS2	P	0	0	0	0	80	230	0		1	1	1

17OCT83 GRUM

DOWN-HOLE FAULTS (DH020)

PAGE: 37

DDH: FAGA093 UTM-N: 905,290.3 UTM-E: 592,243.9 UTM-ELEV: 1,302.8 TOTAL DEPTH: 350.5 SECTION: W 82
 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
FAGA093	5.0	17.9	B	5			0	0	0	1
FAGA093	17.9	23.5	G	1			99	999	0	1
FAGA093	23.5	29.5	B1G	5			0	0	99	999
FAGA093	29.5	36.0	BP	7			0	0	0	0
FAGA093	36.0	39.6	BG				0	0	0	0
FAGA093	40.4	44.8	GBP				0	0	0	0
FAGA093	50.4	55.7	BIG	3			0	0	0	0
FAGA093	0.0	76.0	1F				0	0	60	270
FAGA093	87.8	87.9	G				0	0	99	999
FAGA093	90.7	91.1	G				0	0	99	999
FAGA093	97.5	98.0	G				0	0	99	999
FAGA093	98.7	99.0	G				0	0	99	999
FAGA093	102.2	102.4	G				0	0	99	999
FAGA093	103.2	103.4	G				0	0	99	999
FAGA093	104.1	104.2	G				0	0	99	999
FAGA093	112.8	118.0	2B	3			0	0	0	0
FAGA093	126.5	126.8	G				0	0	99	999
FAGA093	0.0	126.9	1G				0	0	99	999
FAGA093	127.1	127.2	G				0	0	99	999
FAGA093	128.5	128.9	G				0	0	99	999
FAGA093	129.4	133.8	G	5			0	0	0	0
FAGA093	134.9	135.1	G				0	0	0	0
FAGA093	136.5	137.0	G				0	0	99	999
FAGA093	137.5	139.2	G				0	0	99	999
FAGA093	140.5	142.0	B	5			0	0	0	0
FAGA093	142.0	143.6	B	6			0	0	0	0
FAGA093	143.2	152.8	B				0	0	0	0
FAGA093	152.8	159.1	3BG	3			0	0	0	0
FAGA093	160.6	162.4	BQ	2			0	0	0	0
FAGA093	162.4	171.5	B				0	0	0	0
FAGA093	171.5	171.9	BG				0	0	0	0
FAGA093	175.1	179.9	BR	2			0	0	0	0
FAGA093	207.0	209.9	B				0	0	0	0
FAGA093	209.9	210.6	39G				0	0	0	0
FAGA093	210.6	212.8	B				0	0	0	0
FAGA093	241.0	247.8	3G	3			99	999	99	999
FAGA093	247.8	253.6	3G	5			0	0	0	0
FAGA093	253.6	257.0	B				0	0	0	0
FAGA093	257.0	258.0	1G	5			0	0	0	0
FAGA093	258.0	274.3	B				0	0	0	0
FAGA093	290.8	291.0	G				0	0	0	0
FAGA093	0.0	296.6	GP				0	0	99	999
FAGA093	291.0	298.4	XQ				0	0	0	0
FAGA093	304.9	311.0	XQ				0	0	0	0
FAGA093	0.0	317.2	G				0	0	99	999
FAGA093	0.0	327.1	1G				0	0	99	999
FAGA093	0.0	328.5	G				0	0	99	999
FAGA093	333.5	333.8	G				0	0	99	999
FAGA093	341.0	341.4	G				0	0	0	0
FAGA093	343.3	343.4	G				0	0	99	999

17OCT83 GRUM

DOWN-HOLE SPLINES (DHO20)

PAGE: 38

DDH: FAGA093 UTM-N: 905,290.3 UTM-E: 592,243.9 UTM-ELEV: 1,302.8 TOTAL DEPTH: 350.5 SECTION: W 82
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH SEGMENT NOS COND INDICATOR

FAGA093	1	2
FAGA093	2	2
FAGA093	3	2
FAGA093	4	2
FAGA093	5	2
FAGA093	6	1

**THIS REPORT WAS REQUESTED BY: LEEP .GEOLOGY AT: 14:02:51

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Date: 15/16 JUNE/82

Hole Number: FAGA 093

Reference Fabric Orientation Diagram:

Project: Grum

Location: Vangorda Plateau

Claim: Grum

UTM Co-ords.: 905290.3

Co-ords.: 905290.7 N

592243.9 E

Grid Co-ords: L 82 W

10 N

Elevation: 1302.8 M

Total Depth: 350.5

Purpose: Definition drilling

Reason hole Terminated: Achieved desired depth - boring

Logged by: DSJ/GAJ

Date(s) Logged: 15-16 June 1982

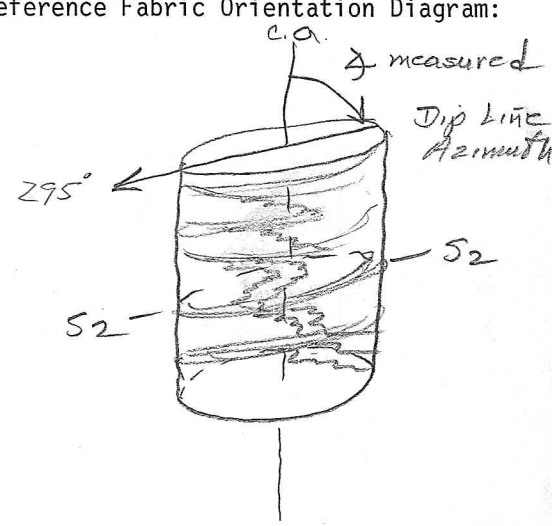
Drilling Contractor: Cameron McCutcheon

Size	CORE From	To	Collar Cased and Capped:
<u>BW</u>	<u>0</u>	<u>4.3</u>	<u>No</u>
<u>BQ</u>	<u>4.3</u>	<u>350.5</u>	

Hole Cemented: Yes

Steel down hole: No

Started: 16 July 75 Completed: 25 July 75



All symmetry determinations looking

N with S₂ dipping

W with dip azimuth 295-0. was in (1963):
→ 225° below
150m
now 230 for entire hole

transform K-A grid coordinates

K-A elev -10.61

Section 82W

DDH F.A.G.A.O. 93
2 8

Cyprus Anvil Mining Corp.

Page 3 of 11

Lithologic Log

Date: 15/16/June 87 Logged By: DSJ/GJ/MM

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	00	50		1	*	overburden
L	50	179		2	S.B.O.	(S.D.O) only 50% core recovery - core broken throughout
L	179	235		3	S.B.6	UNIT ENTIRELY GAUGED, UPPER CONTACT //S ₂ LOWER CONTACT INDETERMINATE, VERY HEAVY CORE LOSS, 10% recovery
L	235	295		4	S.D.O.	SECTION VARIABLY GAUGED, //S ₂ UPPER CONTACT INDETERMINATE DUE TO VERY HEAVY CORE LOSS 1st 1/2 of interval, intern gauge //S ₂ approx.
L	295	298		5	S.B.8/6	core very broken
L	298	360		6	S.D.*	D.D.O, UPPER PORT. ONLY BROKEN, 50% core recovery in last 4 meters
L	360	396		7	S.B.6	(S.D.O) core heavily broken + gauged contacts indeterminate
L	396	404		8	S.D.O.	
L	404	407		9	S.D.O.	gauge, contacts indeterminate
L	407	427		10	S.B.O.	(S.D.O) section heavily gauged, 50% recovery contacts indeterminate
L	427	448		11	S.B.O.	emerging from gauged core
L	448	456		12	S.D.O.	NO GAUGE
L	456	484		13	S.B.O.	" " wow what a thrill!
L	484	504		14	S.D.O.	
L	504	557		15	S.B.O.	from 50.9 to 53.7 core mainly O.P.O, frags + minor gauge with 30% core recovery, minor pyrite in O.P.O
L	557	589		16	S.D.3	(S.B.O) 90:10
L	589	615		17	S.B.O.	(S.D.O) 80:20
L	615	660		18	S.D.3	(S.B.O) 90:10
L	660	710		19	S.B.O.	(S.D.O) 90:10
L	710	766		20	S.D.O.	(S.C*) ankeritic, minor "fuchite". At 76.0 there is a small fault with attitude 60/270 which appears to be a thrust
L	766	772		21	S.D.O.	

Lithologic Log

Date: 15/6/June 82 Logged By: DSJ/GJ/MM

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	1772	1785	✓	22	4A4	(5D*) 15cm of 5D*
L	1785	1791	✓	23	5D4*	ankeritic, abundant "fuchite"
L	1791	812	✓	24	4A4	(5D4*) ankeritic, name longer than unit is 8cm of 5D
L	812	813	✓	25	5D4*	
L	813	819	✓	26	4A0	
L	819	823	✓	27	5D4*	ankeritic
L	823	842		28	4A0	(4C5) 50:50, grade pathetic!!
L	842	848	✓	29	4L1	± 2
L	848	865	✓	30	4C5	
L	865	873	✓	31	4L1, 2	± 4
L	873	878	✓	32	4A0	(000)
L	878	879	✓	33	4A0	gouged //s ₂
L	879	887		34	3G9	
L	887	1066		35	3G0	gouge from 90.7 to 91.1, 97.5 to 98.0, 98.7 to 99.0, 102.2 to 102.4, 103.2 to 103.4, 104.1 to 104.2, in all cases gouge appears to //s ₂ but most contacts indeterminate, minor sphalerite with bull quartz vein at 94.2, minor sphalerite with quartz stringers near 96.9, scattered po. bearing quartz stringers thru out interval.
L	1066	1128		36	4C5	
L	1128	1294		37	3G0	± 9" calc-silicate like "weakly calcareous sections, from 112.8 to 118.0 core very broken, 30% core recovery poss. Fault implied, 126.5 to 126.8 core heavily gouged //s ₂ , near 126.9 5cm gouge //s ₂ , 127.1 to 127.2 //s ₂ gouge, 128.5 to 128.9 //s ₂ gouge, (360) heavily gouged thru out 50% core recovery
L	1294	1338		38	4L0	
L	1338	1359		39	3G0	± 9, 134.9 to 135.1 gouge, contacts indeterminate.

note: this unit is dramt. diff from the gouda form above the ore horiz.

Lithologic Log

Date: 15-16/June 82 Logged By: DSJ/GJ/MM

Code	From				To				Recov.	No.	Unit	Description
	10	14	16	20	22	24	26	28				
✓ L	11359		11365						40	5D4*	ankeritic, minor "fuchite"	
✓ L	11365		11370						41	5D4*	(360) section mashed beyond recognition, entirely gouged, appears //s ₂	
✓ L	11370		11375						42	4E4	± calcite	
✓ L	11375		11392						43	5D4*	GOUGE, appears //s ₂ abundant "fuchite"	
✓ L	11392		11405						44	4A41		
✓ L	11405		11420						45	5D4*	(4L1) core badly broken, 50% core recovery	
✓ L	11420		11436						46	4E4.65	(4L1) [5D4] core broken, 60% core recovery	
✓ L	11436		11461						47	3G9-	(5D*) 90:10	
✓ L	11461		11470						48	5D4*		
✓ L	11470		11480						49	4A0	(4D0)	
✓ L	11480		11482						50	4D10		
✓ L	11482		11745						51	3G3.9	[5A0] (360)(4L0) whole section is severely broken, 152.8 to 159.1 core very heavily broken, most graphitic rocks in this interval 30-20 core recovery, minor pyrrite-sphalerite ^{near} 158 & s frag in gouge, assume major fault in interval, all contacts indeterminate, 152.6 to 159.1 nothing but pebbles & gouge with above mentioned sulphide frags, 160.6 to 162.4 has 20% core recovery, 80% of which is quartz vein frags. 171.5 to 171.9 broken core + gouge zone, contact indeter.	
✓ L	11745		11751						52	5D4*	(360) ankeritic 70:30	
✓ L	11751		11799						53	360	± 9 25% core recovery with much rubble and broken core, no poss. of attitudes	
✓ L	11799		11844						54	4L1	(5D4*) (5A6) 3cm 4E0 near end.	
✓ L	11844		11850						55	5C4*	ankeritic	
✓ L	11850		11853						56	4E0	(5C4*)	
✓ L	11853		11855						57	5A1.9		

Code	From				To				Recov.	No.	Unit	Description
	10	14	16	20	22	24	26	28				
L	1855		1882						58	5D0	[5C0]	
L	1882		1929						59	5C0	distinctive mottled green & white texture of altered metabasites	
L	1929		1957						60	5D0	[5C4*][5B8]	
L	1957		1970						61	5B86		
L	1970		2002						62	3G9		
L	2002		2035						63	3G9	± 3	
L	2035		2070						64	3G0	(3G9)	
L	2070		2128						65	5A0	± 3 several pyritic & silicious bands attempting to make 4A0 but failing dismally, core broken thru out interval esp. 209.9 to 210.6 which is mostly gouge with indeterminate contacts, this appears to be a case of lithologically controlled gouging, little core loss	
L	2128		2143						66	5C04*		
L	2143		2147						67	5A0		
L	2147		2196						68	5D*	(3G0 ± 9)	
L	2196		2213						69	5B8		
L	2213		2227						70	3G0	± 9	
L	2227		2232						71	3G0	cut by what appear to be PD + Cpy veinlets & disseminations, section averages 20% PD, less than 1/2 90 Cu	
L	2232		2309						72	3G0	± 9, ± 3	
L	2309		2314						73	5D3		
L	2314		2338						74	3G0	± 8, ± 9, ± 3	
L	2338		2344						75	5D3		
L	2344		2379						76	3G0	± 9, (3B3)[5D3] section cut by numerous calcite veinlets, but no formation of calcite	
L	2379		2410						77	5D3	(3G0) 95.5	
L	2410		2478						78	3G0	(5D4) sect. heavily gouged, upper contact appears // s ₂ however shears dipping 45° occur as well internal gouge appears // s ₂ only 30% core recovery	

Code	From				To				Recov.	No.	Unit	Description
	10	14	16	20	22	24	26	28				
L	247	8	253	6					78	5A6	section heavily gouged. 50% core recovery, contacts indeterminate	
L	253	6	274	3					79	5A0	257 to 258 minor gouge, indeterminate contact, no major core loss, but core more broken than normal for the less carbonaceous lithol. in this hole.	
L	274	3	280	4					80	5A*	± 3 ankeritic, lighter coloured than overlying section due to quartz carbonate interlayering but still has fairly carbonaceous folia generally not marking finger	
L	280	4	285	0					81	5D4*	ankeritic (5A0)(5A6)(5C) (60:20:15, remainder is quartz vein near base with minor sphalerite	
L	285	0	289	3					82	5A1	(36±9) (000), 30:40:30	
L	289	3	289	7					83	4E4		
L	289	7	290	8					84	4L21	4 (5A19)	
L	290	8	296	4					85	3G4	± 9 (4L2) unit is extensively brecciated with quartz & carbonate healing bearing minor po, Py & Sphal, short gouge sections 290.8 to 291, near 296.6 where there appears to be at least 1m core loss gouge appears //s ₂ but contacts mostly indeterminate, approaching 4L14.	
L	298	4	301	9					86	4C5		
L	301	9	302	1					87	5D4*		
L	302	1	302	7					88	4E4,6*	calcite	
L	302	7	303	5					89	5D4*	ankeritic	
L	303	5	304	9					90	4C5	(4L124) (4C0) sub equal amounts	
L	304	9	311	9					91	3G0	top 1/2 unit is slightly brecciated & quartz carbonate sulphide vein similar to the unit 85 but less intensely, 10cm gouge //s ₂ at 311.2	

Symmetrical

Structural Log

Code	From		To		Feature	SYM	S ₀		S ₁		S ₂		Description
	10	14	16	20			Dip	Direct.	Dip	Direct.	Dip	Direct.	
S				13	CSZ						45	29.5	
S				35	CSZ						88		
S				46	CSZ						72		
S				55	CSZ						62		
S				63	CSZ						70		
S				74	CSZ						67		
S				81	CSZ						67		
S				85	CSZ						58		
S				92	CSZ						65		
S				100	INDP						68		
S				108	CSZ						72		
S				120	CSZ						76		
S				121	CSZ						72		
S				139	CSZ						70		
S				145	INDP						76		
S				151	CSZ						75	29.5	
S				171	CSZ						77	22.5	
S				174	INDP						80		
S				188	INDP						72		
S				194	INDP						80		
S				200	INDP						64		
S				206	INDP						80		
S				213	INDP						80		
S				222	CSZ						75		
S				231	CSZ						80		
S				237	INDP						72		
S				253	INDP						75		
S				265	INDP						72		
S				269	INDP						64		
S				275	INDP						73		
S				284	INDP						60		
S				298	INDP						75		
S				305	INDP						72		
S				313	INDP						68		
S				319	INDP						62		
S				326	INDP						72	22.5	

ASSAY LOG (SAMPLER'S COPY)

Date 17 June 82

Sampled by _____

CODE	FROM		TO		SAMPLE		INTR.		REC (m)		UNIT		DESCRIPTION
	10	14	16	20	22	26	28	30	32	34	36	40	
													KA #5
P	76	5	77	1	12531		06		06		4D0		2540
P	77	1	78	5	12532		14		13		4A4		2540
P	79	1	80	5	12533		14		14		4A4	5D4 95:5	2541
P	80	5	81	9	12534		14		14		4A4	(4A0)(5D4) 60:40:10	2541
P	106	6	108	7	12535		21		20		4CS		2544
P	110	8	111	0	12536		21		20		4CS		2544 & 2545
P	111	0	112	8	12537		20		20		4CS		2545
P	113	7	113	7	12538		05		05		4EH		
P	113	9	114	0	12539		13		07		4A4		
P	114	2	114	3	12540		16		08		4EH 4.6	5(4L1)(5D4)	2552
P	289	3	289	7	90457		04		02		4EH		2546
P	289	7	290	8	90458		11		05		4L1 24	(5A19)	2546
P	298	4	300	1	12543		17		16		4CS	[4L14]	2547
P	300	1	301	9	12544		18		17		4CS	[4L14]	2548
P	302	1	302	7	12545		06		06		4EH 4.6	* calc	2549
P	303	5	304	9	12546		14		13		4CS	(4L124)(4C0)	2550
P	345	0	345	8	12547		05		05		4A4	(4H4)	

made by [unclear]

2546 spans part of 4L13 interval

Note 12541 and 12542 tags were voided

DDH FAGAO93
2 8

Cyprus Anvil Mining Corp.

Page _____ of _____

Structural Log

Date: _____ Logged By: _____

Code	From		To		Feature	SYM	S ₀		S ₁		S ₂		Description
	10	14	16	20			Dip	Direct.	Dip	Direct.	Dip	Direct.	
	179	179	235	235	B	S							
	179	235	295	295	B	16S			11S ₂				
	295	360	360	360	B	P	7						
	360	404	404	404	B	GP							
	404	504	504	504	B	16G	3						
			760	760	I	F			60	270			
	878	878	879	879	G				11S ₂				
	907	907	911	911	G				11S ₂				
	975	975	980	980	G				11S ₂				
	987	987	990	990	G				11S ₂				
	1022	1022	1024	1024	G				11S ₂				
	1032	1032	1034	1034	G				11S ₂				
	1041	1041	1042	1042	G				11S ₂				
	1128	1128	1180	1180	B	3							
	1265	1265	1288	1288	G				11S ₂				
			1269	1269	G				11S ₂				
	1271	1271	1272	1272	G				11S ₂				
	1285	1285	1289	1289	G				11S ₂				
	1294	1294	1338	1338	G	S							
	1349	1349	1351	1351	G								
	1365	1365	1370	1370	G				11S ₂				
	1375	1375	1392	1392	G				11S ₂				
	1405	1405	1420	1420	B	S							
	1420	1420	1431	1431	B	6							
	1482	1482	1528	1528	B								
	1528	1528	1591	1591	B	3							
	1606	1606	1624	1624	B	P	2						
	1624	1624	1715	1715	B								
	1715	1715	1719	1719	B	G							
	1751	1751	1799	1799	B	R	2						
	2099	2099	2106	2106	B	3							
	2070	2070	2099	2099	B								
	2106	2106	2128	2128	B								
	2410	2410	2478	2478	B	3		11S ₂	11S ₂				

B 16 RT

DIAMOND DRILL RECORD

LOGGED BY M. de Quadros

PROPERTY _____ D.D.H. No. 75-A93 PAGE 9 of 12
 LATITUDE _____ BEARING OF HOLE _____ STARTED _____ CLAIM No. _____
 DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____ DIRECTION AND DISTANCE FROM _____
 ELEVATION _____ DIP TESTS _____ DEPTH Proposed: _____
Ultimate: _____ NE. CLAIM POST

FOOTAGE		DESCRIPTION	Rec. Ft.	Sample No.	Footage		Sample Length	Assay					Assay x Feet			
FROM	TO				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag	
		-247.8 -- quartz-sericite + graphite-quartz phyllite gouge														
		-252.1 -- very sheared, broken fissile graphite-quartz phyllite. F2 60°.														
		-253.6 -- small rubbly fragments of quartz-graphite phyllite														
		-258.2 -- graphite-quartz phyllite with minor gouge. Very broken. F2 60-70°.	2.8/ 4.6		253.6	258.2										
		-260.6 -- as above, very, very broken rubble.	0.6/ 2.4			260.6										
		-262.7 -- as above, better core	1.2/ 2.1			262.7										
262.7	288.8	QUARTZ - GRAPHITE PHYLLITE Medium to dark gray														
		262.7-266.8 -- banded quartz-graphite phyllite Less graphitic than previous units.	5.7/ 6.1			266.8										
			5.9/ 6.6			273.4										
		-273.4 -- massive graphite quartz phyllite - very "coaly" F2 60°	6.2/ 6.6			280.0										
		-280.0 -- banded, well foliated quartz-graphite phyllite, fissile, thinly banded. Shows good F2 folding. F2 remains quite consistent at 60-70°.	0.8/ 0.9			280.9										
		278.3-280 -- slightly calcareous	5.6/ 6.0			286.9										
			1.0/ 1.9			288.8										
		-280.2 -- white quartz vein														
		-280.9 -- gray-green quartz-calcite-chlorite phyllite. F2 70°.														
		-285.6 -- mixed, interbedded graphite-quartz-quartz-graphite-quartz-calcite-chlorite phyllites. F2 60-70°. Competent. Minor white quartz at 283.3-														

283.4.

DIAMOND DRILL RECORD

LOGGED BY M. de Quadros

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

D.D.H. No. 75-A93 PAGE 10 of 12

CLAIM No. _____



DIRECTION AND DISTANCE FROM
 NE. CLAIM POST

FOOTAGE		DESCRIPTION	Rec. Ft.	Sample No.	Footage		Sample Length	Assay					Assay x Feet				
FROM	TO				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag		
		-286.9 -- white quartz veins in part very broken															
		-288.9 -- quartz-sericite-graphite phyllite, gougy and sheared															
288.8	307.4	MINERALIZED QUARTZ - SERICITE PHYLLITE Medium gray Slightly graphitic, variable broken rock, ranging from low grade dissemination to massive sulphides. Sulphide layers generally more competent. F2 steady at 60-70°.	0.8	2546	288.8	290.8	2.0	4.88	4.56	75.8							
		288.8-290.8 -- mixed massive sulphides/mineralized phyllite overall. 30% pyrite, 5-6% lead-zinc.	5.0/			296.2											
		-296.2 -- altered quartz-sericite phyllite, barren	5.4														
		-296.5 -- quartz-sericite phyllite, 10% pyrite, 12-13% lead-zinc	0.3/			296.5											
		-298.4 -- quartz-sericite phyllite partly bleached, barren	0.3			298.4											
		-300.9 -- quartz-sericite phyllite, 5% pyrite, 4-6% lead-zinc	2.3	2547		300.9	2.5	.88	1.62	13.0				2.200	4.050	0.950	
		-302.1 -- quartz-sericite phyllite, 2-3% pyrite, 6-7% lead-zinc	1.2	2548		302.1	1.2	1.43	3.30	21.3				1.716	3.46	0.744	
		-302.7 -- massive sulphide, partly brecciated and calcitised 60-70% pyrite, 4-5% lead-zinc	0.6	2549		302.7	0.6	3.38	5.88	57.6				2.028	3.528	1.005	
		-303.5 -- bleached quartz-sericite phyllite, barren	1.7/			303.5											
		-304.6 -- quartz-sericite phyllite, partly bleached 4-5% pyrite, 3-4% lead-zinc	1.8														
		-307.4 -- quartz-sericite phyllite with trace of sulphides, broken, graphitic in parts.	1.0	2550		304.6	1.1	1.43	1.70	21.3							
			2.6/			307.4											
			2.8														
					300.9	302.7	1.8	2.08	4.16	33.4				3.744	7.488	1.752	
					298.4	302.7	4.3	1.38	2.68	21.5				5.944	11.538	2.702	

DDH: FAGA093 -- 42 DEGREE PROFILE

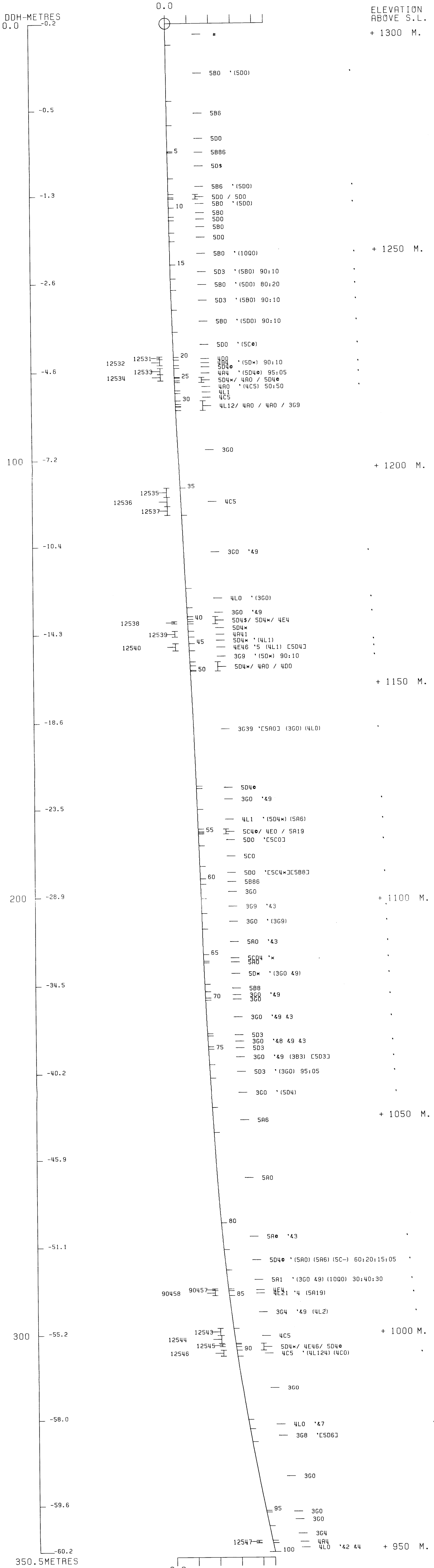
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1303 592244E ; 905290N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 678.8 Z = 1302.8

SECTION NAME: 82W



DDH: FAGA093 -- 42 DEGREE PROFILE

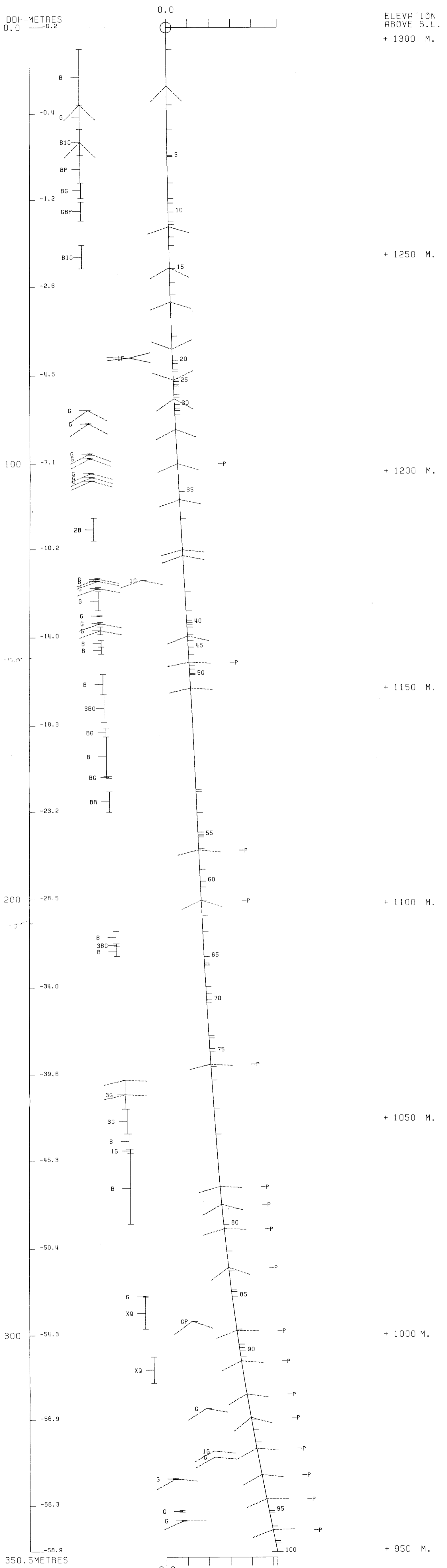
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1303 592244E ; 905290N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 678.8 Z = 1302.8

SECTION NAME: 82W



DRILL HOLE : FAGA104
NORTHING : 905,285.0
EASTING : 592,158.7
ELEVATION : 1,309.6
TOTAL DEPTH : 420.3
SECTION : W 84
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: 40
NOS DOWN-H-SURVEYS: 7
NOS DOWN-H-LITHOLOGY: 79
NOS DOWN-H-STRUCTURE: 56
NOS DOWN-H-FAULTS: 38
NOS DOWN-H-SPLINES: 7
NOS COMPOSITES: 0

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ORE SAMPLES & ASSAYS (DH020)

PAGE: 41

DDH: FAGA104 UTM-N: 905,285.0 UTM-E: 592,158.7 UTM-ELEV: 1,309.6 TOTAL DEPTH: 420.3 SECTION: W 84
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

---DEPTHS---		SAMPLE NO.	INT.	REC.	ROCK UNIT	S.G. PULP	ASSAYS													S.G. W.R.
FROM	TO						CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	
103.1	104.5	14614	1.4	1.4	4A41	3.18	.05	2.31	4.25	40.00	.27	2	9	11						
105.3	107.8	14615	2.5	2.2	4A41	3.14	.02	1.92	4.25	36.00	.14	2	7	10						
107.8	109.5	14616	1.7	1.7	4D0	3.12	.08	2.00	3.64	34.00	.07	4	6	10						
113.5	120.5	14617	2.0	1.4	4AD	3.24	.04	4.29	6.79	71.00	.27	2	6	9						
120.5	122.5	14618	2.0	1.8	4AD	3.02	.04	2.62	4.11	43.00	.20	1	4	6						
122.5	124.5	14619	2.0	1.6	4AD	3.00	.02	1.07	2.43	19.00	.07	2	4	6						
124.5	126.5	14620	2.0	1.3	4AD	2.98	.02	1.53	3.08	23.00	1.37	2	2	5						
126.5	127.3	14621	1.3	.9	4LD	3.02	.05	1.87	3.31	27.00	.01	2	3	6						
127.8	129.3	14622	2.0	1.8	4AD	3.02	.02	.94	2.46	13.99	.14	6	1	7						
129.8	131.8	14623	2.0	2.0	4AD	3.08	.14	1.60	3.93	38.00	.14	2	7	9						
131.8	133.6	14624	1.8	1.7	4AD	3.08	.04	2.06	5.09	29.99	.14	4	3	7						
133.6	135.6	14625	2.0	1.9	4D0	2.99	.02	2.64	6.40	40.00	.07	3	2	5						
135.6	137.5	14626	2.0	1.9	4D4	3.00	.02	2.79	7.29	52.00	.47	1	3	4						
137.6	139.6	14627	2.0	1.8	4D0	3.00	.04	2.04	4.21	36.00	.34	2	4	7						
139.6	141.6	14628	2.0	1.9	4D4	3.22	.14	3.08	7.70	53.00	1.91	2	7	10						
141.6	143.6	14629	2.0	1.9	4D0	3.08	.05	3.16	4.32	45.00	.40	3	5	8						
143.6	145.6	14630	2.0	2.0	4D0	3.08	.08	4.00	5.70	67.00	.40	3	3	7						
145.6	147.6	14631	2.0	2.0	4D0	3.00	.02	2.91	5.29	43.00	.68	2	2	4						
147.6	150.1	14632	2.5	2.5	4D0	3.18	.04	2.18	5.59	36.00	.01	2	3	6						
150.1	151.5	14633	1.4	1.4	4C5E	3.29	.02	.93	3.04	18.00	.89	1	11	13						
151.8	153.8	14634	2.0	1.8	4AC	3.02	.02	.69	1.53	13.99	.47	3	13	16						
153.8	155.3	14635	2.0	1.6	4A10	2.99	.10	1.53	1.63	27.00	.75		8	8						
155.8	157.8	14636	2.0	1.7	4A14	3.16	.05	1.94	3.39	30.99	.68	1	5	6						
157.8	160.4	14637	2.6	2.5	4A10	4.00	.02	1.81	3.06	27.00	1.51	1	9	11						
161.3	162.3	14638	1.0	.8	4E0	3.33	.28	2.22	2.68	45.00	1.10	1	27	29						
162.3	164.3	14639	2.0	1.9	4A14	3.20	.07	2.66	4.19	37.00	.89	1	12	14						
164.3	166.3	14640	2.0	2.0	4A14	3.02	.02	3.00	5.20	49.00	.68	1	8	9						
166.3	168.3	14641	2.0	1.7	4A14	2.91	.02	2.08	4.84	35.00	.62	1	4	5						
168.3	171.0	14642	2.7	2.3	4A10	2.95	.02	1.71	2.18	23.00	.75	1	1	2						
199.4	202.8	14643	3.4	3.1	4A41	3.41	.05	5.09	8.80	85.00	1.30	1	11	12						
202.8	204.8	14644	2.0	2.0	4A14	3.12	.05	3.10	4.41	44.00	.75	1	7	9						
204.8	206.7	14645	1.9	1.9	4A14	3.02	.02	2.02	4.51	28.99	.81	2	2	4						
362.2	364.2	14646	2.0	1.5	4ACE		.08	.47	.67	11.00										
364.2	366.2	14647	2.0	1.8	4ACE		.10	.28	.41	6.99										
366.2	368.7	14648	2.5	2.5	4ACE	3.62	.14	1.32	1.98	22.00	.95	2	19	21						
391.6	393.1	14649	1.5	1.4	4G4	4.62	.16	5.09	8.50	92.00	.75		10	11						
393.1	394.8	14650	1.7	1.4	4AD	3.06	.07	1.45	2.81	26.00	.81	1	5	6						
401.0	403.0	14651	2.0	2.0	4E0	4.21	.17	1.99	2.18	27.99	1.10	3	24	28						
403.0	404.5	14652	1.5	1.1	4E0	4.54	.36	2.13	2.85	36.00	1.51	11	27	38						
404.5	407.5	14653	3.0	2.9	4GEL	3.70	.11	3.99	5.20	69.00	1.95	2	11	14						

WEIGHTED AVERAGE

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ORE SAMPLES & ASSAYS (DH020)

PAGE: 42

DDH: FAGA104 UTM-N: 905,285.0 UTM-E: 592,158.7 UTM-ELEV: 1,309.6 TOTAL DEPTH: 420.3 SECTION: W 34
 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 %
105.3	109.5		4.2	3.9	3.13	.04	1.96	4.00	35.19	.11	3	6	10						
118.5	151.5		33.0	29.8	3.07	.04	2.37	4.82	39.16	.44	2	4	7						
151.8	160.4		8.6	7.6	3.34	.05	1.51	2.45	24.90	.90	1	9	10						
161.3	171.0		9.7	8.7	3.05	.05	2.30	3.81	35.98	.77	1	8	10						
199.4	206.7		7.3	7.0	3.23	.04	3.74	6.48	59.19	1.02	1	7	9						
352.2	368.7		6.5	5.8	1.39	.11	.74	1.09	13.99	.36		7	8						
391.6	394.8		3.2	2.8	3.79	.11	3.16	5.48	56.93	.78		7	8						
401.0	407.5		6.5	6.0	4.05	.19	2.95	3.73	48.76	1.54	4	19	24						

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DOWN-HOLE SURVEYS (DH020)

PAGE: 43

DDH: FAGA104 UTM-N: 905,285.0 UTM-E: 592,158.7 UTM-ELEV: 1,309.6 TOTAL DEPTH: 420.3 SECTION: W 84
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	172.400	144.000
121.900	172.500	128.000
182.900	170.800	133.000
262.100	167.000	143.000
323.100	169.600	153.000
396.200	166.000	146.000

DDH: FAGA104 UTM-N: 905,285.0 UTM-E: 592,158.7 UTM-ELEV: 1,309.6 TOTAL DEPTH: 420.3 SECTION: W 84
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
4.9	0001	#		0.5-	1
24.3	0002	5B0	(500)(5F0) 95:5:TR. (10Q#)	0.5-	1
30.4	0003	5D0	(5B0) 60:40	0.5-	1
34.1	0004	5B0	82 (5D0) 98:2 (10Q#) TR	0.5-	1
35.9	0005	5D0	(10Q#) 1-2%	0.5-	1
64.5	0006	5B0	82 (5D0)(10Q#) 70:25:5	0.5-	1
67.4	0007	5C*	(5880)(500) 50:30:20	0.5-	1
72.2	0008	5B20	(500)	0.5-	1
89.4	0009	5B0	82 (5B0)(500) 15%	0.5-	1
93.7	0010	5D0	(590.82) 95:5	0.5-	1
103.1	0011	5B1	82 (5D4*)(404) TR (5D6)	0.5-	1
104.2	0012	4A41	->4D5	0.5-	1
104.5	0013	4C5		0.5-	1
105.3	0014	5C4\$	(4C0) 90:10	0.5-	1
105.7	0015	4D4		0.5-	1
107.8	0016	4A41		0.5-	1
109.5	0017	4D0		0.5-	1
114.0	0018	5C\$	(5D\$8489)(4D0) 60:35:5	0.5-	1
115.5	0019	5C*	(58698283)(5D4*)(4D4) 20%	0.5-	1
125.9	0020	4A10	(4D5)(5D4*)	0.5-	1
127.0	0021	4D0		0.5-	1
127.8	0022	5D4*	89 (4D0)(10Q\$)	0.5-	1
133.6	0023	4A0	81 (4D0)(5D4\$89)	0.5-	1
150.1	0024	4D0	84	0.5-	1
151.2	0025	4C5		0.5-	1
151.5	0026	4E0		0.5-	1
152.7	0027	5D4*		0.5-	1
153.0	0028	4E0		0.5-	1
153.8	0029	4C5	->4A10	0.5-	1
160.4	0030	4A10	84	0.5-	1
161.3	0031	4A0	?	0.5-	1
170.9	0032	4A1	84 (4C3)(4D0)	0.5-	1
173.4	0033	4L24	81 (5D4*)	0.5-	1
176.5	0034	3G4	86	0.5-	1
178.8	0035	4C0	->4C5 (5D4*) ->4A LOCALLY	0.5-	1
180.0	0036	3G\$	84 (5D4*)	0.5-	1
180.6	0037	5A19	->4A	0.5-	1
197.3	0038	3G0	89(5D3)(10Q08\$)95:TR:5 "SPECK"	0.5-	1
199.4	0039	3G9\$		0.5-	1
202.8	0040	4A41	83 (5D4\$) TR.	0.5-	1
206.7	0041	4A10	(5D4\$)	0.5-	1
212.6	0042	5D0	(5862\$)(5862)(5D6) 10%=58	0.5-	1
219.8	0043	5B6\$	80 82 (10Q\$)(5D\$) 70:15:15	0.5-	1
226.3	0044	5B62	(10Q0\$)(5D4\$) 80:25:05	0.5-	1
228.5	0045	4L6	(5D\$)(3G4)	0.5-	1
246.9	0046	3G0	89 (10Q0) TR.	0.5-	1
248.7	0047	3J3	89	0.5-	1
252.8	0048	3G0	89	0.5-	1
258.1	0049	3G\$	89 (5D08\$) 50:50	0.5-	1
311.6	0050	3G0	89 (5D0)(10Q#) 98:1:1	0.5-	1
319.6	0051	4L0	(3G0)(5D4*)(10Q0\$)(4D5)	0.5-	1

17OCT83 GRUM

DOWN-HOLE LITHOLOGY (DHO20)

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DDH: FAGA104 UTM-N: 905,285.0 UTM-E: 592,158.7 UTM-ELEV: 1,309.6 TOTAL DEPTH: 420.3 SECTION: W 84
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DMD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
324.3	0052	3G0	(5D4\$)(10Q\$) 80:20:TR.	0.5-	1
327.6	0053	4A0	->4D5 (4E4#)(5CD\$)	0.5-	1
330.4	0054	3G0	(5D4*)	0.5-	1
362.2	0055	3G0	(5D6)(10Q\$) 95:5:TR.	0.5-	1
368.7	0056	4A10	&3 (4E0#)(4C0)(5D4*)	0.5-	1
372.0	0057	3G0	&8 89 (4E0)(5A19->4A0)(10Q\$)	0.5-	1
377.0	0058	3G4	->4L2 (5D4*)(10Q0)	0.5-	1
384.4	0059	3G0	&4 89 (10Q0)	0.5-	1
388.8	0060	4L2	&1->3G4 &9	0.5-	1
389.9	0061	3G9	(10Q0)	0.5-	1
391.6	0062	4L0	&2 &1 &4 (5D4*)	0.5-	1
393.1	0063	4G4		0.5-	1
393.4	0064	4D0	&3 (5C\$) MINOR	0.5-	1
394.8	0065	4A10		0.5-	1
401.0	0066	4L2	&1 &6	0.5-	1
401.6	0067	4E46		0.5-	1
404.5	0068	4E0	&8 (4D0) 95:5	0.5-	1
405.4	0069	4G4		0.5-	1
406.0	0070	4E1	(4C4)(5D4*)	0.5-	1
406.7	0071	4L2	&1 (10Q0)	0.5-	1
407.5	0072	4E46		0.5-	1
413.1	0073	4L26	&1 &7 &4 (4J1 VEINS)	0.5-	1
413.5	0074	5C\$	[3C\$]	0.5-	1
415.3	0075	4L0		0.5-	1
415.6	0076	3C\$		0.5-	1
417.1	0077	4L0	->3G4	0.5-	1
418.1	0078	3G0	BIOTITE GARNET	0.5-	1
420.3	0079	4L6	&2	0.5-	1

17OCT83 GRUM

DOWN-HOLE STRUCTURE (DH020)

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DDH: FAGA104 UTM-N: 905,285.0 UTM-E: 592,158.7 UTM-ELEV: 1,309.6 TOTAL DEPTH: 420.3 SECTION: W 84
 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	SOC	PROCESS
FAGA104	0.0	5.2	PS2	P	0	0	0	0	80	230	0		1	1	1
FAGA104	0.0	13.6	CS2		0	0	0	0	80	230	0		1	1	1
FAGA104	0.0	22.4	CS2		0	0	0	0	30	230	0		1	1	1
FAGA104	0.0	33.0	CS2		0	0	0	0	80	230	0		1	1	1
FAGA104	0.0	37.1	CS2		0	0	0	0	80	230	0		1	1	1
FAGA104	0.0	43.0	CS2		0	0	0	0	80	230	0		1	1	1
FAGA104	0.0	50.0	CS2		0	0	0	0	70	230	0		1	1	1
FAGA104	0.0	61.5	CS2		0	0	0	0	85	230	0		1	1	1
FAGA104	0.0	73.8	CS2		0	0	0	0	80	230	0		1	1	1
FAGA104	0.0	80.6	CS2		0	0	0	0	80	230	0		1	1	1
FAGA104	0.0	88.0	CS2		0	0	0	0	70	230	0		1	1	1
FAGA104	0.0	94.0	CS2		0	0	0	0	80	230	0		1	1	1
FAGA104	0.0	102.3	CS2		0	0	0	0	70	230	0		1	1	1
FAGA104	0.0	110.7	PS2	P	0	0	0	0	85	230	0		1	1	1
FAGA104	0.0	117.4	PS2	P	0	0	0	0	75	230	0		1	1	1
FAGA104	0.0	126.0	PS2	P	0	0	0	0	65	230	0		1	1	1
FAGA104	0.0	130.0	CS2		0	0	0	0	60	230	0		1	1	1
FAGA104	0.0	138.0	PS2	P	0	0	0	0	75	230	0		1	1	1
FAGA104	0.0	145.5	PS2	P	0	0	0	0	70	230	0		1	1	1
FAGA104	0.0	149.0	PS2	P	0	0	0	0	60	230	0		1	1	1
FAGA104	0.0	159.0	PS2	P	0	0	0	0	70	230	0		1	1	1
FAGA104	0.0	166.0	CS2		0	0	0	0	75	230	0		1	1	1
FAGA104	0.0	174.0	PS2	P	0	0	0	0	80	230	0		1	1	1
FAGA104	0.0	180.0	CS2		0	0	0	0	80	230	0		1	1	1
FAGA104	0.0	186.5	CS2		0	0	0	0	80	230	0		1	1	1
FAGA104	0.0	193.5	CS2		0	0	0	0	80	230	0		1	1	1
FAGA104	0.0	202.6	PS2	P	0	0	0	0	85	230	0		1	1	1
FAGA104	0.0	208.4	PS2	P	0	0	0	0	80	230	0		1	1	1
FAGA104	0.0	217.0	PS2	P	0	0	0	0	85	230	0		1	1	1
FAGA104	0.0	222.2	PS2	P	0	0	0	0	85	230	0		1	1	1
FAGA104	0.0	227.9	PS2	P	0	0	0	0	75	230	0		1	1	1
FAGA104	0.0	235.6	CS2		0	0	0	0	85	230	0		1	1	1
FAGA104	0.0	245.0	CS2		0	0	0	0	85	230	0		1	1	1
FAGA104	0.0	251.0	PS2	P	0	0	0	0	80	230	0		1	1	1
FAGA104	0.0	260.2	CS2		0	0	0	0	85	230	0		1	1	1
FAGA104	0.0	266.2	CS2		0	0	0	0	85	230	0		1	1	1
FAGA104	0.0	273.5	CS2		0	0	0	0	80	230	0		1	1	1
FAGA104	0.0	277.0	CS2		0	0	0	0	85	230	0		1	1	1
FAGA104	0.0	286.4	CS2		0	0	0	0	85	230	0		1	1	1
FAGA104	0.0	291.3	PS2	P	0	0	0	0	80	230	0		1	1	1
FAGA104	0.0	298.9	PS2	P	0	0	0	0	80	230	0		1	1	1
FAGA104	0.0	305.0	PS2	P	0	0	0	0	80	230	0		1	1	1
FAGA104	0.0	321.9	PS2	P	0	0	0	0	70	230	0		1	1	1
FAGA104	0.0	334.0	PS2	P	0	0	0	0	80	230	0		1	1	1
FAGA104	0.0	342.5	PS2	P	0	0	0	0	80	230	0		1	1	1
FAGA104	0.0	349.8	CS2		0	0	0	0	75	230	0		1	1	1
FAGA104	0.0	358.3	PS2	P	0	0	0	0	80	230	0		1	1	1
FAGA104	0.0	365.7	CS2		0	0	0	0	85	230	0		1	1	1
FAGA104	0.0	372.0	PS2	P	0	0	0	0	70	230	0		1	1	1
FAGA104	0.0	379.0	CS2		0	0	0	0	70	230	0		1	1	1
FAGA104	0.0	387.3	PS2	P	0	0	0	0	65	230	0		1	1	1

17OCT83 GRUM

DOWN-HOLE STRUCTURE (DM020)

PAGE: 47

DDH: FAGA104 UTM-N: 905,235.0 UTM-E: 592,158.7 UTM-ELEV: 1,309.6 TOTAL DEPTH: 420.3 SECTION: W 84
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 OHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	DIRECT	S1 ANGLE	DIRECT	S2 ANGLE	DIRECT	RFE	CDE	DMDC	SDC	PROCESS
FAGA104	0.0	395.2	PS2	P	0	0	0	0	85	230	0		1	1	1
FAGA104	0.0	399.3	PS2	P	0	0	0	0	75	230	0		1	1	1
FAGA104	0.0	409.7	PS2	P	0	0	0	0	60	230	0		1	1	1
FAGA104	0.0	415.8	PS2	P	0	0	0	0	75	230	0		1	1	1
FAGA104	0.0	419.5	PS2	P	0	0	0	0	70	230	0		1	1	1

17OCT83 GRUM

DOWN-HOLE FAULTS (DH020)

PAGE: 48

DDH: FAGA104 UTM-N: 905,285.0 UTM-E: 592,158.7 UTM-ELEV: 1,309.6 TOTAL DEPTH: 420.3 SECTION: W 84
 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		
FAGA104	50.0	67.4	13				0	0	0	0	1	
FAGA104	67.4	72.2	RGF	5			0	0	0	0	1	
FAGA104	72.2	77.3	B				0	0	0	0	1	
FAGA104	77.3	77.4	G				0	0	0	0	1	
FAGA104	77.4	84.2	2B				0	0	0	0	1	
FAGA104	84.2	84.5	G				0	99	999	0	0	1
FAGA104	86.7	86.3	G				0	99	999	0	0	1
FAGA104	86.8	89.4	2B				0	0	0	0	0	1
FAGA104	93.7	96.0	B				0	0	0	0	0	1
FAGA104	96.0	96.3	G				0	0	0	0	0	1
FAGA104	96.3	98.4	B				0	0	0	0	0	1
FAGA104	0.0	100.8	G				0	0	0	0	0	1
FAGA104	105.3	107.8	D				0	0	0	0	0	1
FAGA104	110.9	111.0	GRP				0	0	0	0	0	1
FAGA104	112.4	112.5	GRP				0	0	0	0	0	1
FAGA104	117.0	118.1	3G				0	0	0	0	0	1
FAGA104	0.0	152.4	R				0	0	0	0	0	1
FAGA104	156.1	156.9	R				0	0	0	0	0	1
FAGA104	157.0	158.3	R				0	0	0	0	0	1
FAGA104	160.4	161.3	G3F				0	0	0	0	0	1
FAGA104	218.1	218.4	G				0	0	0	0	0	1
FAGA104	225.1	225.9	G				0	0	0	0	0	1
FAGA104	225.9	226.3	B				0	0	0	0	0	1
FAGA104	235.7	235.8	G				0	0	0	0	0	1
FAGA104	245.3	245.4	G				0	0	0	0	0	1
FAGA104	246.0	246.1	G				0	0	0	0	0	1
FAGA104	252.0	255.5	G				0	0	0	0	0	1
FAGA104	268.4	268.9	G				0	99	999	0	0	1
FAGA104	274.9	275.6	GB				0	0	0	0	0	1
FAGA104	276.7	276.9	G				0	0	0	0	0	1
FAGA104	283.0	283.8	G				0	0	0	0	0	1
FAGA104	311.0	319.6	3GF				0	0	0	0	0	1
FAGA104	327.0	330.4	3GF				0	0	0	0	0	1
FAGA104	331.4	331.7	G				0	0	0	0	0	1
FAGA104	333.9	334.1	G				0	0	0	0	0	1
FAGA104	369.4	370.0	G				0	0	0	0	0	1
FAGA104	375.8	376.1	3G				0	0	0	0	0	1
FAGA104	387.0	387.2	R				0	0	0	0	0	1

17OCT83 GRUM

DOWN-HOLE SPLINES (DH020)

PAGE: 49

DDH: FAGA104 UTM-N: 905,285.0 UTM-E: 592,158.7 UTM-ELEV: 1,309.6 TOTAL DEPTH: 420.3 SECTION: W 84
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH SEGMENT NOS COND INDICATOR

FAGA104	1	2
FAGA104	2	2
FAGA104	3	2
FAGA104	4	2
FAGA104	5	2
FAGA104	6	2
FAGA104	7	1

**THIS REPORT WAS REQUESTED BY: LEEP .GEOLOGY AT: 15:30:38

84 W

CYPRUS ANVIL MINING CORPORATION

Page 1 of 10

DIAMOND DRILL CORE LOG

Date: 28 AUG 82

Hole Number: FAGA 104

Reference Fabric Orientation Diagram:

Project: GRUM RELOG

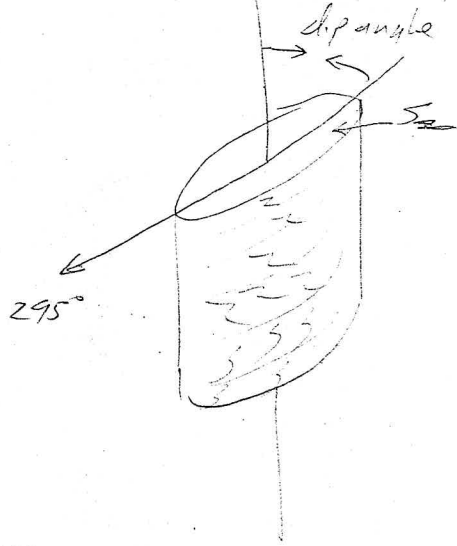
Location: 84 W,

Claim: _____

Terr. Plane Co-ords.: 905285.0 N

592158.7 E

Grid Co-ords: _____



Change of basis from K-A grid co-ords

All symmetry determinations looking

K-A elev -10.61m
Elevation: 1309.6

N with S₂ dipping

Total Depth: 420.3 m.

W with dip azimuth 295. 225 below 175m

Purpose: _____

Reason hole Terminated: _____

Logged by: DSJ JGS

Date(s) Logged: 28 AUG 82

Drilling Contractor: _____

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

Hole Cemented: _____

Steel down hole: _____

Started: _____ Completed: _____

Lithologic Log

Date: 28 AUG 82 Logged By: PSJ JGS

Code	From				To				Recov.	No.	Unit	Description
	10	14	16	20	22	24	26	28				
L		100		149						101	#	o/s
L		149		243						102	5B0	(S00)(S50) mt. 95/5/Tr. (00* ^c) 1-115 ₂ TYPE VAN REC/OK
L		243		304						103	5D0	(S80) 60/40 TYPE REC OK
L		304		341						104	5B0	±2 (S00) 98/2 (00* ^c) Tr 5Tg REC OK
L		341		359						105	5D0	(00* ^c) 1-2% TYPE REC OK
L		359		645						106	5B0	±2 (S00) (00* ^c) 70/25/5 50 low 1/2 = mod 1-5m bnds bkn. 50 gr fd. No mag. gauges REC 48.7 to 57.3 1.5 m len.
L		645		674						107	5C1*	dd (S80) (S00) 50/30/20 Bkn. no gauge 64.3-66.1 .6 RE 0424
L		674		722						08	5B20	(S00) Rubble Gauge HAS. FAULT. 2.8 M REC
L		722		894						09	5B0	±2 (S80) (S00) B/D = 85/15 00* Tr interband smth to above dkr. M.B.K. REC/OK Gauges 77.3-77.4 ind. Gauge 84.2-84.5 ind int 115 ₂ } Hair Gauge 86.7-86.8 u.k. 115 ₂ } Tails
L		894		937						110	5D0	(S80) ±2 95/5 2.5m interbands TYPE REC/OK
L		937		1103						111	5B1*	±2 Dol (S04*) (404) ^{TA} (S06) 8 95 0 5% 50 low 1/2 unit main 100.6-101.1 conls 40 also Top 1/2 Bkn. Gauge 96.0-96.3 o/w REC OK Gauge 100.8 ind.
L		1103		1104						112	14A41	low gi cont. n.g. → E 405. (S04*) mt. REC/OK
L		1104		1104						113	14C5	bl margin to u/c of SC below.
L		1104		1105						114	5C14*	Dol. (400) 90/10 3cm bnd
L		1105		1105						115	14D4	Bl mic Bx 115 ₂
L		1105		1107						116	14A41	EX TEX Lead M.B.K. 106.5-106.8 REC/OK
L		1107		1109						117	14D0	Cream EX/TEX bl. ngn to SC u/c / u/c grad REC OK
L		1109		1114						118	5C1*	DOL (S0* DOL ± 4,9) zn. (400) 60/35/5 50.2m up margin 9.7 m low margin 40 112.9 113.1 Gauge Rubble 110.9-111, 112.4-112.5 ind. REC 110.9-112.5 1m REC rest OK
L		1114		1115						119	5C1*	DOL (S869) Zns ±2 ±* DOL (S04*) (404) SC 50/15/5/20 40 114.0-114.5 114.7-114.8 } S869 114.8-115.5 REST 5 C/SO

Lithologic Log

Date: 28 AUG 82 Logged By: DST JGS

Code	From				To				Recov.	No.	Unit	Description
	10	14	16	20	22	24	26	28				
												NAT. GOUGE. 1176-118' ind F// REC 80%
L	11155		11259						20	4A10	(405)(504*) 40-2m bl. margin Tr.	
												50 3x.1m bands nr base S/ REC/OK
L	11259		11270						21	4D0	lt gr wt. EX/TEX bl. 4A10 above. REC/OK	
L	11270		11278						22	504*	± 9 Py. (400)(000* Dol) s2 py	
												40 base unit bl. REC/OK
L	11278		11336						23	4A0	± 1(400)(504*) Dol ± 9 py. EX/TEX	
												40 128.4-128.7, 50 1'-2m base unit REC/OK
L	11336		11501						24	4D10	± 4 cr-11 grqy EX/TEX py/Zn Tot 20%	
												Py < Zn up md. shp l.c. = grad -405 REC/OK.
L	11501		11512						25	4C15	→ dkns grad fm above EX/TEX ^{BLEACH TEST} REC/OK	
L	11512		11515						26	4E0		
L	11515		11527						27	5A4*	R66/ 152'4 REC/OK	
L	11527		11530						28	4E0	as above Frequent? "	
L	11530		11538						29	4C15	→ 4A10 rdlt REC/OK	
L	11538		11604						30	4A10	EX/TEX Sulph 15-20 Py/ grad above. REC/FAIR	
												rubble 156.1-156.9, 157.6-158.3
L	11604		11613						31	4A10	? GOUGE NAT FLT ind c°	
L	11613		11709						32	4A11	± 4 (405)(400) EX/TEX SL REC/OK	
												1- Blk cherty mx 4c top 7m Bx.
												40 = .1 m base bl. margin
L	11709		11734						33	4L24	± 1 (504*) - .2m con. unit 4L ENV. REC/OK	
												4L not all 4A but W.W.R. -36 EOI
L	11734		11765						34	3G4	± 6 mns zinc to base s12 # msp. bl WR REC/OK	
L	11765		11788						35	4C0	→ 405 (504*) mns EX/TEX + gr 4A0 locally REC/OK	
												4L on 4A = 11 grqy 4C0-405.
L	11788		11800						36	3G*	DOL ± 4 (504*) 2x 3cm lam top. EOI REC/OK	
L	11800		11806						37	5A19	→ 4A0 min WR Tot S 10-15 Zn > Py REC OK	
L	11806		11978						38	3G0	± 9 (50* DOL) (000 ± *DOL) 95/Tr/S	
												Splkd fsp & ank. REC/OK
L	11978		11994						39	3G9*	DOL gr blk/dld sil bands REC/OK	
L	11994		12028						40	4A41	± 3 (504* DOL) TR, = 95 sulph bands. S 45% REC/OK	
L	12028		12067						41	4A10	(504* DOL) cont above low gr EX/TEX	
												1 = ch m x 9 g s bands Tot s-4h 20% REC/OK
L	12067		12126						42	5D10	(5B62* DOL) (5B62)(506) 5D 90% 5B 10% 5D calc, non carb bands 5B dld or non carb. REC OK	

Lithologic Log

Date: 28 AUG 82 Logged By: PSJ TGS

Code	From	To	Recov.	No.	Unit	Description
L	121126	121198		143	5B16*	DOL ± 0, ± 2, (OQ* DOL) (SD* DOL) 70/15/15 unit dk gr 2 carb pel [3G* ± 9, 0, 7] REC/OK Gouge $\frac{218.1 - 218.4}{118.1 - 118.4}$ Lc 1/5z?
L	121198	122163		144	5B162	(OQO ± * DOL) (SD4* DOL) 80/25/5 bkn REC/OK OQ 5cm - 4m 1/5z, SD 1x bnd 224.7 - 225.2 law 1/4 Bkn Sz 11 mc Gouge 225.1 - 225.9
L	122163	122185		145	14L161	(SD* DOL) (3G4) Lt. m qiy. grc. 4L/m SD top 1/2 → 3G4 base 1/2 mt REC/OK
L	122185	124169		146	13G01	± 9, ⇒ (OQO) Tr EX qtz sil lam. REC/OK Gouges. 235.7 - 235.8 Lc 1/5z? " 245.3 - 245.4 Sz 11 incip " 246.0 - 246.1
L	124169	124187		147	13G131	± 9 as above except + Calcite NOT VAN. REC/OK
L	124187	125128		148	13G101	± 9 mt. as above REC OK
L	125128	125151		149	13G*	DOL ± 9 (SDO ± * DOL) 50/50 interbed pel & tufts, 3G wk % dol lam, rust bnd. SD .1 to 1m ints c' sharp 1/5z REC/OK
L	125151	131116		150	13G101	± 9 (SDO) (OQ* C) both 98/1/1 REC/OK Gouge 252 - 255.5 carb sz pol dec → base unit 282 FOI = 3G MT. MYE TYPE 3G Gouges 268.4 - 268.9 Sz 11 mt " 274.9 - 275.6 Bkn calc, 283 - 285.8, Gouge 276.7 - 276.9 Loss 275 - 277 REC 1.5
L	131116	131196		151	14L101	(3G0) (SD4* (OQO* DOL) MAJ Gouge FAULT (405) in middle →
L	131196	132143		152	13G01	SD4* DOL (OQ* DOL) 80/20/Tr. REC/OK
L	132143	132176		153	14A01	→ 405 (4E4* calc) (SE* DOL) (SC* DOL) REC/OK (up 40%) s/v bnd. 70/30. interbedded Top + Base F Fault
L	132176	133104		154	13G01	(SD4*) Gouge Lc mid up 40 CAx. FAULT
L	133104	136122		155	13G01	(SD6) 95/5 (OQ* DOL) Tr TYPE 50 Top sm REC/OK
L	136122	136187		156	14A110	± 3 (4E0) ± calc (4C0) (SD4*) → REC/OK Gouge 331.4 - 333.9, 333.9 - 334.1 80/10/10/Tr. 4A1 ch mx blk, Tut sulph 35%, Py) Zns EX TEX. 4E 368 - 442 q.c Bx Ckls, 4C/SD Top .6 m int.
L	136187	137200		157	13G101	± * DOL, 9, (OQ* DOL) (4E0) (SA19 → 4A0) .5 m Middle → C.A.M.C. 1981 - E-3 Bkn Sz 11 Gouge incip G = 369.4 - 370.0 Loss .5 m. REST OK

3G TYPE

REC 1.5

Rest Sample

in Loss

Lithologic Log

Date: 28 AUG 82 Logged By: JRMH/SIMP.

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	3720	3770		158	3G4	→ 4L2 (5D4*) (000 Py) → 1cm-15cm Sz11, Bx local, var. alt, to 4L, 5D wspy band 1cm-10cm bnds, Bkn Con Gauge 375-8-376-1 REC/OK
L	3770	3844		159	3G0	± 4,9 (000) ^{1-5cm-11.5cm} var carb, wky bl & sil 3G REC/OK
L	3844	3888		160	4L2	± 1 → 3G4 ± 9 derived 4L/O/P Bkn REC/OK Rbble 387-387.2 mud sh F
L	3888	3899		161	3G9	(000) Type + qt REC/OK
L	3899	3916		162	4L0	± 2 ± 1, 4 (5D4*) TEX 4L=5D pr lith REC/OK variably sil & sulph c/x fcs wspy
L	3916	3931		163	4G4	Type sh Sz11 u cont. REC/OK
L	3931	3934		164	4D0	± 3 Lt. gry-crm. u/c shp., 3=2-5mm SC*POL minio tuff material = Bl. REC/OK
L	3934	3948		165	4A110	1 blk, ch mx 10% Zn = Py REC/OK
						<u>Pen up rt ANVIL CYCLE INSTS UNITS</u>
L	3948	4010		166	4L2	Py ± 1, 6, hard lt, buff gr, gry, Sz fol ? origin mass-diss Py centre, non carb wao inter 5D/3G/4C REC/OK
L	4010	4016		167	4E416	Type " "
L	4016	4045		168	4E0	± 8 (4D0) 95/5 TYPE 4E0 " "
L	4045	4054		169	4G4	Type REC/OK
L	4054	4060		170	4E11	(4C4) (5D4*) interband tuff/s/s REC/OK
L	4060	4067		171	4L2	± 1 (000) 2m base int REC/OK
L	4067	4075		172	4E46	m Bx local. REC/OK
L	4075	4113		173	4L216	± 1, 7, 4 (4J1) alt gr, gry fr 3G/5D 2x 4J1 ^{5cm} VNS // Sz Top .9m int.
L	4113	4115		174	5C*	DOL [3C* DOL] mottled REC/OK.
L	4115	4115		175	4L0	" "
L	4115	4115		176	3C*	DOL " "
L	4115	4117		177	4L0	→ 3G4 " "
L	4117	4118		178	3G0	→ Biol, garnet. chl. → net gsch-emp. REC/OK
L	4118	4120		179	4L6	± 2 /rom o/p on above " "
						END of HOLE.

Structural Log

Date: _____ Logged By: _____

Code	From				To				Feature	E S	S ₀		S ₁		S ₂		Description			
	10	14	16	20	22	24	26	28			32	34	38	40	44	Dip		Direct.	Dip	Direct.
S		6	2					IN10 P										80	29.5	
S		11	3	6				CS12										80		
S		12	2	4				CS12										80		
S		13	3	0				CS12										80		
S		13	7	1				CS12										80		
S		14	3	0				CS12										80		
S		15	0	0				CS12										70		
S		16	1	5				CS12										85		
S		17	3	8				CS12										80		
S		18	0	6				CS12										80		
S		18	8	0				CS12										70		
S		19	4	0				CS12										80		
S		110	2	3				CS12										70		
S		111	1	0	7			IN10 P										85		
S		111	1	7	4			IN10 P										75		
S		112	1	6	0			IN10 P										65		
S		113	1	0	0			CS12										60		
S		113	1	8	8			IN10 P										75		
S		114	1	5	5			IN10 P										70		
S		114	1	9	0			IN10 P										60		
S		115	1	9	0			IN10 P										70		
S		116	1	6	0			CS12										75		
S		117	1	7	4			IN10 P										80	29.5	
S		118	1	0	0			CS12										80	22.5	
S		118	1	6	5			CS12										80		
S		119	1	3	5			CS12										80		
S		124	9	2	6			IN10 P										85		
S		120	8	4				IN10 P										80		
S		121	1	7	0			IN10 P										85		
S		122	1	2	2			IN10 P										85		
S		122	7	9				IN10 P										75		
S		123	1	5	6			CS12										85		
S		124	1	5	0			CS12										85		
S		125	1	1	0			IN10 P										80		
S		126	1	0	2			CS12										85		
S		126	1	6	2			CS12										85		

DDH FAGA.104
2/8

Cyprus Anvil Mining Corp.

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Structural Log

Date: 26 AUG Logged By: JGS

Code	From		To		Feature	SYM	S ₀		S ₁		S ₂		Description
	10	14	16	20			Dip	Direct.	Dip	Direct.	Dip	Direct.	
	28	32	34	38	40	44							
S	1273	5	1273	5	CSZ						80	225	
S			1277	0	CSZ						85		
S			1286	4	CSZ						85		
S			1291	8	INDP						80		
S			1298	9	INDP						80		
S			1305	0	INDP						80		
S			1321	9	INDP						70		311.6 - 320.4 Gouge
S			1334	0	INDP						80		
S			1342	5	INDP						80		
S			1349	8	CSZ						75		
S			1358	3	INDP						80		
S			1365	7	CSZ						85		
S			1372	0	INDP						70		
S			1379	0	CSZ						70		
S			1387	3	INDP						65		
S			1395	2	INDP						85		
S			1399	3	INDP						75		
S			1409	7	INDP						60		
S			1415	8	INDP						75		
S			1419	5	INDP						70	225	
													E d H 420.3

ASSAY LOG (SAMPLER'S COPY) Date 28 AUG 82 Sampled by CA

CODE	FROM		TO		SAMPLE	INTR.				REC (m)	UNIT	DESCRIPTION
	10	14	16	20		22	26	28	30			
P	11013	1	11014	5	146114		114		114		14A41	
P	11015	3	11017	8	146115		125		122		14A41	(404) .2m
P	11017	8	11019	5	146116		117		117		14D01	
P	11217	8	11219	8	146122		120		118		14A01	
P	11219	8	11318	8	146123		120		120		14A01	
P	11318	8	11336	6	146124		118		117		14A01	
P	11336	6	11356	6	146125		120		119		14D01	
P	11356	6	11376	6	146126		120		119		14D01	
P	11376	6	11396	6	146127		120		118		14D01	
P	11396	6	11416	6	146128		120		119		14D01	
P	11416	6	11436	6	146129		120		119		14D01	
P	11436	6	11456	6	146130		120		120		14D01	
P	11456	6	11476	6	146131		120		120		14D01	
P	11476	6	11501	1	146132		125		125		14D01	
P	11501	1	11515	5	146133		114		114		14C51	(4E0)
P	11518	8	11538	8	146134		120		118		14A11	
P	11538	8	11558	8	146135		120		116		14A11	
P	11558	8	11578	8	146136		120		117		14A11	
P	11578	8	11604	4	146137		126		125		14A11	
P	1199	4	1202	8	146143		134		131		14A41	
P	1202	8	1204	8	146144		120		120		14A10	
P	1204	8	1206	7	146145		119		119		14A10	
P	1361	2	1364	2	146146		120		115		14A10	
P	1364	2	1366	2	146147		120		118		14A10	
P	1366	2	1368	7	146148		125		125		14A10	
P	1391	6	1393	1	146149		115		114		14G4	
P	1393	1	1394	8	146150		117		114		14A11	(4D0)
P	1401	0	1403	0	146151		120		120		14E4	(4E0)
P	1403	0	1404	5	146152		115		111		14E9	
P	1404	5	1407	5	146153		130		129		14G4	(4E1) (4E4) (4L2)

90958 - 90968 incl formerly used for the last 11 entries on this page they are now replaced by 146 -- series # and should be considered void.

DDH: FAGA104 -- 42 DEGREE PROFILE

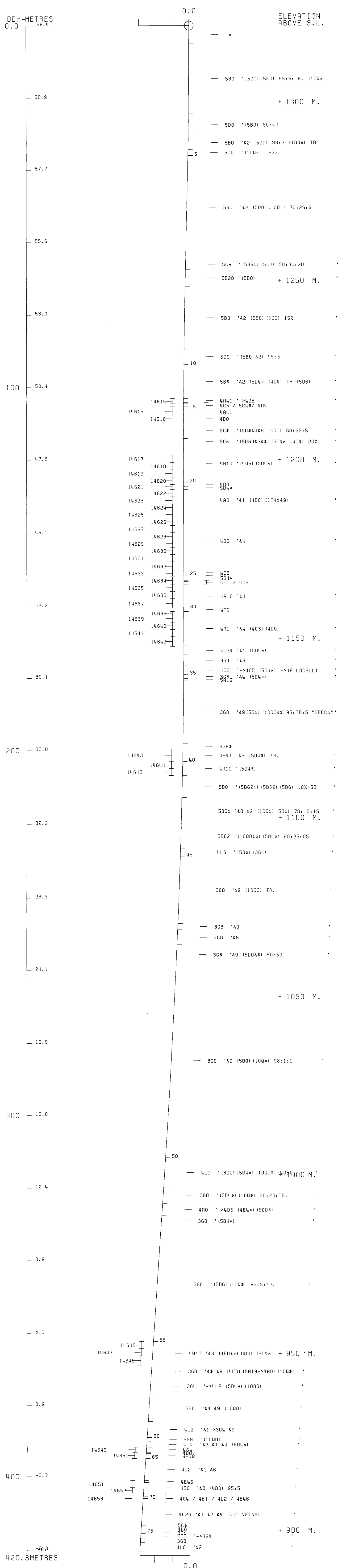
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1310 592159E ; 905285N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 617.9 Z = 1321.1

SECTION NAME: 82W



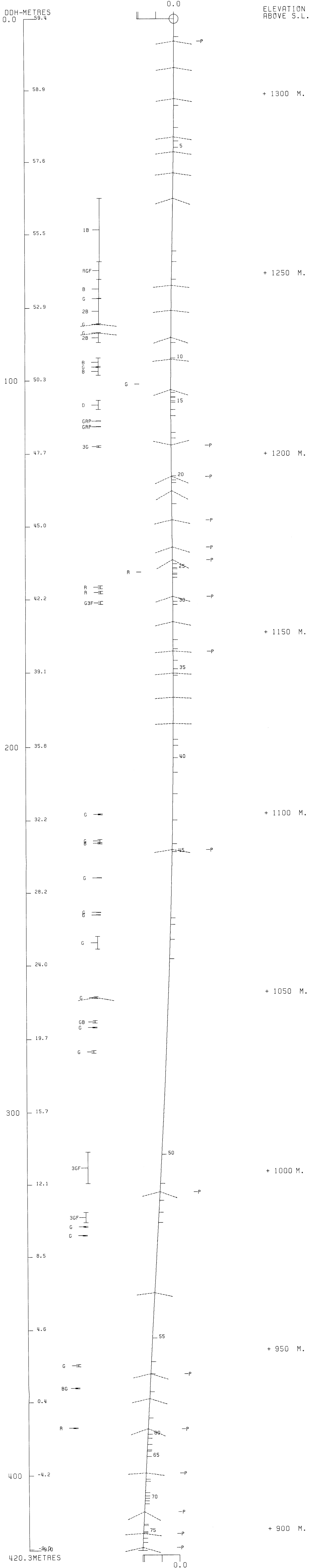
DDH: FAGA104 -- 42 DEGREE PROFILE

(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1310 592159E ; 905285N
 PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 617.9 Z = 1321.1

SECTION NAME: 82W



DRILL HOLE : FAGA118
NORTHING : 905,277.1
EASTING : 592,074.0
ELEVATION : 1,314.6
TOTAL DEPTH : 468.5
SECTION : W 86
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: 44
NOS DOWN-H-SURVEYS: 7
NOS DOWN-H-LITHOLOGY: 142
NOS DOWN-H-STRUCTURE: 69
NOS DOWN-H-FAULTS: 88
NOS DOWN-H-SPLINES: 7
NOS COMPOSITES: 0

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DOWN-HOLE SURVEYS (DH020)

PAGE: 34

DDH: FAGA118 UTM-N: 905,277.1 UTM-E: 592,074.0 UTM-ELEV: 1,314.6 TOTAL DEPTH: 468.5 SECTION: W 86
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 OHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	130.000	0.000
61.000	159.900	124.000
182.900	167.500	121.000
243.800	168.500	135.000
335.300	168.000	146.000
396.200	167.700	145.000
426.700	167.000	145.000

DDH: FAGA113 UTM-N: 905,277.1 UTM-E: 592,074.0 UTM-ELEV: 1,314.6 TOTAL DEPTH: 468.5 SECTION: W 86
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DMD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
3.0	0001	#		0.5-	1
17.3	0002	5880		0.5-	1
24.8	0003	5880	&2 &3 (500) 98:02	0.5-	1
27.5	0004	5820		0.5-	1
29.6	0005	580	&2 (500) 70:30	0.5-	1
32.5	0006	500		0.5-	1
33.0	0007	580	&2	0.5-	1
34.9	0008	500		0.5-	1
35.8	0009	580	&2	0.5-	1
36.7	0010	500		0.5-	1
50.6	0011	580	&8 &2 (500) 98:02	0.5-	1
57.2	0012	500		0.5-	1
59.4	0013	580	&8 (10Q#) 99:01	0.5-	1
60.6	0014	500	(5880) 90:10	0.5-	1
63.7	0015	580	&8 (10Q#)	0.5-	1
67.3	0016	500	(5880) 50:50	0.5-	1
70.5	0017	580	(500) 80:20	0.5-	1
70.8	0018	500		0.5-	1
75.3	0019	582*	&0 [5A&30]	0.5-	1
76.5	0020	500	&4 &3	0.5-	1
78.5	0021	5820	(500) (10Q#) 60:20:20	0.5-	1
82.7	0022	580	&2 (500) 90:10	0.5-	1
96.1	0023	500	(5880) (580)	0.5-	1
104.2	0024	580	&2 &3	0.5-	1
106.1	0025	500	(5880) 60:40	0.5-	1
112.2	0026	580	&8	0.5-	1
113.1	0027	5820		0.5-	1
114.4	0028	5820		0.5-	1
114.9	0029	500		0.5-	1
116.4	0030	583	&8	0.5-	1
116.7	0031	500		0.5-	1
121.7	0032	580	&2 &8 MINOR (10Q#)	0.5-	1
125.6	0033	500	[5880]	0.5-	1
149.3	0034	580	&3 &3 (500)	0.5-	1
152.1	0035	5833	&0	0.5-	1
157.0	0036	5836	&2 (10Q#)	0.5-	1
157.5	0037	5043	(5863) 70:30	0.5-	1
160.5	0038	5863	&2	0.5-	1
161.6	0039	5862	&9 [5A&39]	0.5-	1
162.1	0040	5043		0.5-	1
164.0	0041	4A0	(400)	0.5-	1
164.4	0042	5043		0.5-	1
164.9	0043	400	(5043)	0.5-	1
166.6	0044	5A0		0.5-	1
168.6	0045	5043		0.5-	1
168.8	0046	5A0		0.5-	1
169.4	0047	5043	(10Q#)	0.5-	1
173.9	0048	5363	&2	0.5-	1
177.8	0049	5820	&3 (5043) 60:40	0.5-	1
183.3	0050	500	(5880)	0.5-	1
190.2	0051	5880	(580&2) (500) 45:45:10	0.5-	1

JDH: FAGA113 UTM-N: 905,277.1 UTM-E: 592,074.0 UTM-ELEV: 1,314.6 TOTAL DEPTH: 468.5 SECTION: W 86
 RFE: S2 RFE DIP: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
192.2	0052	588\$	80 (10Q\$)	0.5-	1
200.3	0053	586\$	82 (5D4\$) TR	0.5-	1
203.3	0054	5C\$		0.5-	1
203.8	0055	4A4	(400) 30:20	0.5-	1
204.0	0056	5D4\$	9	0.5-	1
206.2	0057	4A4	(5D4\$)	0.5-	1
206.5	0058	5D4\$	9	0.5-	1
209.4	0059	4A4	83 ->4D5 ->400 (5D4\$) MINOR	0.5-	1
210.2	0060	3G91	6 ->4A0	0.5-	1
213.1	0061	4A0	83 ->4C5 (10Q\$)	0.5-	1
215.6	0062	5D4\$	9 (10Q\$9) 60:40	0.5-	1
217.0	0063	4C0	-> 4C5	0.5-	1
218.5	0064	4A4	83 -> 4D5	0.5-	1
220.0	0065	4C5	[3G916\$]	0.5-	1
226.0	0066	3G0	89 86 MINOR -> 3G48	0.5-	1
227.3	0067	4D5	-> 400 (5D4\$)	0.5-	1
230.1	0068	4H0	8\$	0.5-	1
231.0	0069	4D5	-> 400	0.5-	1
234.7	0070	4A4	83 ->4D5	0.5-	1
235.0	0071	3G91	6 8\$	0.5-	1
235.3	0072	4E1	(3G916\$) (5D4\$)	0.5-	1
239.9	0073	3G9	8\$	0.5-	1
240.4	0074	3G91	6\$	0.5-	1
242.2	0075	4A0	84 87	0.5-	1
243.2	0076	3G91	6\$	0.5-	1
245.7	0077	4A0		0.5-	1
257.0	0078	5826	8 ->5A\$ (10Q\$9) 99:01	0.5-	1
261.3	0079	5D\$	84 (5862\$)(10Q\$9) 70:20:10	0.5-	1
266.3	0080	5862	8\$ 89 (5A68\$) (5D4\$) 75:20:05	0.5-	1
272.0	0081	3G0	89 MINOR (10Q\$) 97:03	0.5-	1
277.1	0082	383	84 8\$ (5A\$) (3G9\$) 70:15:15	0.5-	1
280.7	0083	3G0	89 (10Q03\$) 98:02	0.5-	1
282.1	0084	3G0	8\$ (3838384) 60:40	0.5-	1
290.2	0085	3G0	(10Q\$)	0.5-	1
292.4	0086	4D5	8\$ ->4A 83 84	0.5-	1
292.8	0087	3G9\$	[5862\$]	0.5-	1
295.0	0088	3G0	84 86	0.5-	1
297.5	0089	4L62	84 STRINGERS	0.5-	1
298.6	0090	3G0	89 86	0.5-	1
302.6	0091	4C5	[3G16\$]	0.5-	1
355.5	0092	3G0	89MIN(38384)(384\$)(3G45T)90%3G	0.5-	1
356.7	0093	4A0	-> 4C5 (4D5)	0.5-	1
357.1	0094	4E4	(5C4\$) 90:10	0.5-	1
358.9	0095	4E4	(4A0) MINOR	0.5-	1
360.5	0096	4A4	80 (4D4)	0.5-	1
363.6	0097	5C4\$		0.5-	1
366.9	0098	4C0		0.5-	1
368.2	0099	5C4*	(10Q\$)	0.5-	1
364.6	0100	4A0	(400)	0.5-	1
363.3	0101	3G9	-> 3G0	0.5-	1
369.4	0102	5C4*		0.5-	1

JDH: FAGA118 UTM-N: 905,277.1 UTM-E: 592,074.0 UTM-ELEV: 1,314.6 TOTAL DEPTH: 463.5 SECTION: W 86
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
372.4	0103	4E4	36	0.5-	1
373.0	0104	4L0		0.5-	1
373.5	0105	4E4		0.5-	1
377.0	0106	4A3	34	0.5-	1
379.6	0107	4E0	34 35	0.5-	1
382.2	0108	4A4	(4E4) (4D435)	0.5-	1
391.9	0109	3G0	39 35 (10Q3) 97:03	0.5-	1
394.0	0110	450	35	0.5-	1
395.5	0111	4L2	(10Q3) 90:10	0.5-	1
396.0	0112	3G4		0.5-	1
396.2	0113	3G0	(4L0)	0.5-	1
396.8	0114	3G4		0.5-	1
396.1	0115	3G9	(10Q3) 75:25	0.5-	1
406.5	0116	3G0	-> 3G4 (10Q3) 90:10	0.5-	1
409.3	0117	4L27		0.5-	1
409.7	0118	4C0		0.5-	1
410.1	0119	4H0		0.5-	1
411.5	0120	4L72	31 34	0.5-	1
413.3	0121	4L0	(3G4)	0.5-	1
416.0	0122	4L27	31 34 (10Q3) MINOR	0.5-	1
417.5	0123	3G9		0.5-	1
419.0	0124	4E4#	(4D*8) (4A0)	0.5-	1
420.6	0125	4L12	(4L0)	0.5-	1
420.9	0126	4A0		0.5-	1
421.4	0127	4D4	->4E1 (5D349)	0.5-	1
421.9	0123	4A0		0.5-	1
422.7	0129	4E8	31 36	0.5-	1
424.0	0130	4A10	39	0.5-	1
425.1	0131	4C3	(5D43) 90:10	0.5-	1
425.5	0132	4A10		0.5-	1
425.8	0133	4C0		0.5-	1
426.1	0134	4A1		0.5-	1
428.9	0135	5D43	(4L2) (10Q3) 50:50:TR	0.5-	1
429.3	0136	3G91	6 [5A19]	0.5-	1
434.2	0137	4L2	-> 3G4 (10Q3) 99:01	0.5-	1
434.6	0138	5C4*		0.5-	1
436.8	0139	4L72	34	0.5-	1
452.2	0140	3G08	33 310 (5C3)	0.5-	1
456.4	0141	3G38	310, GNT	0.5-	1
463.5	0142	3G0	310	0.5-	1

DDH: FAGA113 UTM-N: 905,277.1 UTM-E: 592,074.0 UTM-ELEV: 1,314.6 TOTAL DEPTH: 468.5 SECTION: W 26
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTY	SC	ANGLE	DIRECT	S1	ANGLE	DIRECT	S2	ANGLE	DIRECT	RFE	CDE	DHDC	SDC	PROCESS
FAGA113	0.0	8.4	CS2		0	0	0	0	0	0	70	230	0	0	1	1	1	1
FAGA113	0.0	14.3	CS2		0	0	0	0	0	0	75	230	0	0	1	1	1	1
FAGA113	0.0	20.2	CS2		0	0	0	0	0	0	80	230	0	0	1	1	1	1
FAGA113	0.0	26.5	CS2		0	0	0	0	0	0	75	230	0	0	1	1	1	1
FAGA113	0.0	32.2	CS2		0	0	0	0	0	0	75	230	0	0	1	1	1	1
FAGA113	0.0	37.7	CS2		0	0	0	0	0	0	75	230	0	0	1	1	1	1
FAGA113	0.0	43.0	CS2		0	0	0	0	0	0	75	230	0	0	1	1	1	1
FAGA113	0.0	45.7	CS2		0	0	0	0	0	0	85	230	0	0	1	1	1	1
FAGA113	0.0	51.2	CS2		0	0	0	0	0	0	80	230	0	0	1	1	1	1
FAGA113	0.0	58.3	CS2		0	0	0	0	0	0	85	230	0	0	1	1	1	1
FAGA113	0.0	65.7	CS2		0	0	0	0	0	0	80	230	0	0	1	1	1	1
FAGA113	0.0	71.0	CS2		0	0	0	0	0	0	80	230	0	0	1	1	1	1
FAGA113	0.0	76.8	CS2		0	0	0	0	0	0	75	230	0	0	1	1	1	1
FAGA113	0.0	83.9	CS2		0	0	0	0	0	0	75	230	0	0	1	1	1	1
FAGA113	0.0	86.4	CS2		0	0	0	0	0	0	80	230	0	0	1	1	1	1
FAGA113	0.0	92.4	CS2		0	0	0	0	0	0	90	230	0	0	1	1	1	1
FAGA113	0.0	98.0	CS2		0	0	0	0	0	0	80	230	0	0	1	1	1	1
FAGA113	0.0	107.5	CS2		0	0	0	0	0	0	75	230	0	0	1	1	1	1
FAGA113	0.0	116.2	CS2		0	0	0	0	0	0	85	230	0	0	1	1	1	1
FAGA113	0.0	121.4	CS2		0	0	0	0	0	0	80	230	0	0	1	1	1	1
FAGA113	0.0	127.5	CS2		0	0	0	0	0	0	75	230	0	0	1	1	1	1
FAGA113	0.0	132.3	CS2		0	0	0	0	0	0	85	230	0	0	1	1	1	1
FAGA113	0.0	136.5	CS2		0	0	0	0	0	0	80	230	0	0	1	1	1	1
FAGA113	0.0	141.9	CS2		0	0	0	0	0	0	80	230	0	0	1	1	1	1
FAGA113	0.0	147.7	PS2	P	0	0	0	0	0	0	85	230	0	0	1	1	1	1
FAGA113	0.0	155.0	CS2		0	0	0	0	0	0	75	230	0	0	1	1	1	1
FAGA113	0.0	160.0	CS2		0	0	0	0	0	0	70	230	0	0	1	1	1	1
FAGA113	0.0	171.0	CS2		0	0	0	0	0	0	80	230	0	0	1	1	1	1
FAGA113	0.0	179.0	CS2		0	0	0	0	0	0	80	230	0	0	1	1	1	1
FAGA113	0.0	183.2	CS2		0	0	0	0	0	0	95	230	0	0	1	1	1	1
FAGA113	0.0	193.5	CS2		0	0	0	0	0	0	80	230	0	0	1	1	1	1
FAGA113	0.0	199.5	PS2	P	0	0	0	0	0	0	75	230	0	0	1	1	1	1
FAGA113	0.0	208.8	CS2		0	0	0	0	0	0	70	230	0	0	1	1	1	1
FAGA113	0.0	218.0	CS2		0	0	0	0	0	0	80	230	0	0	1	1	1	1
FAGA113	0.0	221.0	CS2		0	0	0	0	0	0	70	230	0	0	1	1	1	1
FAGA113	0.0	228.0	CS2		0	0	0	0	0	0	75	230	0	0	1	1	1	1
FAGA113	0.0	236.3	CS2		0	0	0	0	0	0	75	230	0	0	1	1	1	1
FAGA113	0.0	245.5	CS2		0	0	0	0	0	0	75	230	0	0	1	1	1	1
FAGA113	0.0	249.5	CS2		0	0	0	0	0	0	80	230	0	0	1	1	1	1
FAGA113	0.0	257.0	CS2		0	0	0	0	0	0	75	230	0	0	1	1	1	1
FAGA113	0.0	262.0	CS2		0	0	0	0	0	0	95	230	0	0	1	1	1	1
FAGA113	0.0	269.8	CS2		0	0	0	0	0	0	80	230	0	0	1	1	1	1
FAGA113	0.0	275.9	CS2		0	0	0	0	0	0	80	230	0	0	1	1	1	1
FAGA113	0.0	282.8	CS2		0	0	0	0	0	0	80	230	0	0	1	1	1	1
FAGA113	0.0	289.6	CS2		0	0	0	0	0	0	80	230	0	0	1	1	1	1
FAGA113	0.0	294.0	PS2	P	0	0	0	0	0	0	55	230	0	0	1	1	1	1
FAGA113	0.0	300.0	CS2		0	0	0	0	0	0	85	230	0	0	1	1	1	1
FAGA113	0.0	303.8	CS2		0	0	0	0	0	0	75	230	0	0	1	1	1	1
FAGA113	0.0	310.5	PS2	P	0	0	0	0	0	0	80	230	0	0	1	1	1	1
FAGA113	0.0	317.3	CS2		0	0	0	0	0	0	80	230	0	0	1	1	1	1
FAGA113	0.0	324.5	PS2	P	0	0	0	0	0	0	80	230	0	0	1	1	1	1

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DOWN-HOLE STRUCTURE (DH020)

PAGE: 39

DH: FAGA118 UTM-N: 905,277.1 UTM-E: 592,074.0 UTM-ELEV: 1,314.6 TOTAL DEPTH: 468.5 SECTION: W 86
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DJH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	DIRECT	S1 ANGLE	DIRECT	S2 ANGLE	DIRECT	RFE	CDE	DHDC	SDC	PROCESS
FAGA118	0.0	331.5	PS2	P	0	0	0	0	85	230	0		1	1	1
FAGA118	0.0	338.3	CS2		0	0	0	0	80	230	0		1	1	1
FAGA118	0.0	345.9	CS2		0	0	0	0	80	230	0		1	1	1
FAGA118	0.0	354.0	CS2		0	0	0	0	80	230	0		1	1	1
FAGA118	0.0	366.0	PS2	P	0	0	0	0	70	230	0		1	1	1
FAGA118	0.0	382.7	PS2	P	0	0	0	0	60	230	0		1	1	1
FAGA118	0.0	388.0	PS2	P	0	0	0	0	85	230	0		1	1	1
FAGA118	0.0	391.0	PS2	P	0	0	0	0	70	230	0		1	1	1
FAGA118	0.0	396.6	CS2		0	0	0	0	75	230	0		1	1	1
FAGA118	0.0	407.0	CS2		0	0	0	0	80	230	0		1	1	1
FAGA118	0.0	414.1	CS2		0	0	0	0	70	230	0		1	1	1
FAGA118	0.0	427.6	CS2		0	0	0	0	70	230	0		1	1	1
FAGA118	0.0	435.0	PS2	P	0	0	0	0	80	230	0		1	1	1
FAGA118	0.0	440.0	CS2		0	0	0	0	80	230	0		1	1	1
FAGA118	0.0	444.3	CS2		0	0	0	0	75	230	0		1	1	1
FAGA118	0.0	451.4	CS2		0	0	0	0	75	230	0		1	1	1
FAGA118	0.0	458.4	PS2	P	0	0	0	0	80	230	0		1	1	1
FAGA118	0.0	467.0	PS2	P	0	0	0	0	80	230	0		1	1	1

JDH: FAGA118 UTM-N: 905,277.1 UTM-E: 592,074.0 UTM-ELEV: 1,314.6 TOTAL DEPTH: 468.5 SECTION: W 86
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

JDH	F DEPTH	T DEPTH	FEAT	REC	CD	PARLL	UPPER PLANE	INTERNAL PLANE	LOWER PLANE	DHD
FAGA118	20.5	21.0	G				0	0	0	0
FAGA118	17.3	24.8	2B				0	0	0	0
FAGA118	39.5	39.7	G				0	0	0	0
FAGA118	44.3	44.8	GX				15	0	0	30
FAGA118	48.5	49.0	G				0	0	0	0
FAGA118	36.7	56.6	1B				0	0	0	0
FAGA118	0.0	69.8	G				0	0	0	0
FAGA118	75.3	76.5	B				0	0	0	0
FAGA118	0.0	89.3	1G				0	0	0	0
FAGA118	0.0	91.2	1G				0	0	0	0
FAGA118	0.0	92.3	3X				0	0	0	0
FAGA118	99.3	100.1	3F				0	0	0	0
FAGA118	112.2	113.1	G	3			0	0	0	0
FAGA118	0.0	114.4	GF				0	0	0	0
FAGA118	114.9	115.3	G				0	0	0	0
FAGA118	117.5	117.7	1G				0	0	0	0
FAGA118	0.0	130.1	1G				0	0	0	0
FAGA118	0.0	132.3	G				0	0	0	0
FAGA118	0.0	133.6	3Q				0	0	0	0
FAGA118	0.0	138.0	6Q				0	0	99	999
FAGA118	149.3	152.1	1R				0	0	0	0
FAGA118	152.1	157.0	2B				0	0	0	0
FAGA118	0.0	160.9	G				0	0	70	180
FAGA118	162.1	164.0	XQ				0	0	0	0
FAGA118	164.0	164.4	2B				0	0	0	0
FAGA118	164.4	164.9	B				0	0	0	0
FAGA118	164.9	166.6	G				0	0	0	0
FAGA118	166.6	168.6	RSP	7			0	0	0	0
FAGA118	168.6	168.8	GX				0	0	99	999
FAGA118	168.8	169.4	S				0	0	0	0
FAGA118	0.0	173.7	G				0	0	99	999
FAGA118	0.0	173.8	G				0	0	0	0
FAGA118	195.6	196.6	G				0	0	99	999
FAGA118	213.7	213.8	G				0	0	0	0
FAGA118	213.7	216.7	P	6			0	0	0	0
FAGA118	216.7	218.8	1XQ				0	0	0	0
FAGA118	229.5	230.1	D				0	0	0	0
FAGA118	230.1	231.0	1DX				0	0	0	0
FAGA118	254.8	255.2	G				0	0	0	0
FAGA118	261.3	266.3	1B				0	0	0	0
FAGA118	279.7	280.0	3X				45	0	0	45
FAGA118	290.2	292.4	RB				0	0	0	0
FAGA118	292.4	295.0	B				0	0	0	0
FAGA118	0.0	298.6	F				0	0	20	0
FAGA118	298.6	302.6	2B				0	0	0	0
FAGA118	303.4	303.5	G				0	0	0	0
FAGA118	332.2	332.8	G				45	120	0	0
FAGA118	0.0	338.6	G				0	0	0	0
FAGA118	346.0	349.0	1G				0	0	0	0
FAGA118	349.4	349.5	G				0	0	0	0
FAGA118	350.4	351.0	G				0	0	0	0

DDH: FAGA118 UTM-N: 905,277.1 UTM-E: 592,074.0 UTM-ELEV: 1,314.6 TOTAL DEPTH: 468.5 SECTION: W 86
 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			
FAGA118	352.5	353.3	GR		5		0	0	0	0	1		
FAGA118	0.0	355.5	G				0	99	999	0	0	1	
FAGA118	355.5	356.7	XQ				0	0	0	0	0	1	
FAGA118	356.7	357.1	D				0	0	0	0	0	1	
FAGA118	357.1	360.5	X				0	0	0	0	0	1	
FAGA118	360.6	360.9	1X				0	0	0	0	0	1	
FAGA118	361.2	364.6	RP		1		0	0	0	0	0	1	
FAGA118	364.6	368.5	B		4		0	0	0	0	0	1	
FAGA118	368.5	369.4	R		3		0	0	0	0	0	1	
FAGA118	369.4	372.4	XQP		5		0	0	0	0	0	1	
FAGA118	372.4	373.0	RG		5		0	0	0	0	0	1	
FAGA118	361.2	373.0	3F?				0	0	0	0	0	1	
FAGA118	373.0	373.8	XB				0	0	0	0	0	1	
FAGA118	373.8	382.2	D				0	0	0	0	0	1	
FAGA118	382.6	386.2	GR		3		0	0	0	0	0	1	
FAGA118	396.0	396.2	GF				0	0	0	40	0	1	
FAGA118	396.8	398.1	GB				0	0	0	0	0	1	
FAGA118	403.1	403.9	GP				0	0	0	0	0	1	
FAGA118	403.9	406.0	RP		3		0	0	0	0	0	1	
FAGA118	407.2	407.8	P		5		0	0	0	0	0	1	
FAGA118	407.8	408.6	RP		5		0	0	0	0	0	1	
FAGA118	408.6	409.3	P		1		0	0	0	0	0	1	
FAGA118	409.7	410.1	D				0	0	0	0	0	1	
FAGA118	410.1	411.5	BG		6		0	0	0	0	0	1	
FAGA118	411.5	413.8	G3F		2		0	0	0	0	0	1	
FAGA118	413.8	416.6	X				0	0	0	0	0	1	
FAGA118	416.6	417.6	G3F				0	0	0	0	0	1	
FAGA118	417.6	419.0	XQ				0	0	0	0	0	1	
FAGA118	419.0	420.6	BG				0	0	0	0	0	1	
FAGA118	420.6	421.5	X				0	0	0	0	0	1	
FAGA118	421.9	422.7	DX				0	0	0	0	0	1	
FAGA118	424.0	425.1	D				0	0	0	0	0	1	
FAGA118	426.1	427.6	R		3		0	0	0	0	0	1	
FAGA118	0.0	428.9	1F				0	0	45	60	0	0	1
FAGA118	429.3	431.0	P		5		0	0	0	0	0	0	1
FAGA118	0.0	433.5	G				0	0	0	0	0	0	1
FAGA118	0.0	454.6	1G				0	0	0	0	0	0	1

19OCT83 GRUM

DOWN-HOLE SPLINES (DHO20)

PAGE: 42

DDH: FAGA118 UTM-N: 905,277.1 UTM-E: 592,074.0 UTM-ELEV: 1,314.6 TOTAL DEPTH: 468.5 SECTION: W 86
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH SEGMENT NOS COND INDICATOR

FAGA118	1	2
FAGA118	2	2
FAGA118	3	2
FAGA118	4	2
FAGA118	5	2
FAGA118	6	2
FAGA118	7	1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: FAGA 118

Reference Fabric Orientation Diagram:

Project: GRUM RELOG

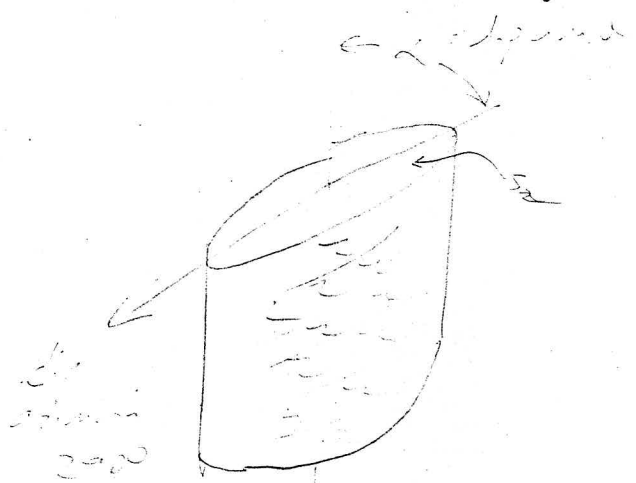
Location: 86 W

Claim: _____

Terr. Plane Co-ords.: 905277.1 N

592074.0 E

Grid Co-ords: _____



All symmetry determinations looking

Elevation: 1314.7 ⁶ round-off

4 with 5 dipping

Total Depth: 468.5

4 with dip azimuth 290. *to core - 5 - 1000*

Purpose: _____

Reason hole Terminated: _____

Logged by: _____

Date(s) Logged: 26/27 AUG 82

Drilling Contractor: GAT - JGS.

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

Hole Cemented: _____

Steel down hole: _____

Started: _____ Completed: _____

DDH FAGA118
2 8

Diamond Drill Core Log Date: 26 AUG 82 Logged By: GAT JGS

Code	Drillhole	Elevation	Northing	Easting	Units (feet/metres)	R.F.E						
1	2	8	10	16	17	24	25	32	34	39	41	42
T	FAGA118	1131.14	7910.5277	15920.74	0 METRES	52						

6 rounding fcp out 3/33

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments				
1	2	8	10	14	22	26	28	32	34
R	FAGA118	0	181.0	0	AT COLLAR				
R	FAGA118	161	169.9	124.0	SPIRRIY				
R	FAGA118	182	167.5	121.0					
R	FAGA118	243	168.5	135.0					
R	FAGA118	335	168.0	146.0					
R	FAGA118	396	167.7	145.0					
R	FAGA118	426	167.0	145.0					

Code	Drillhole	Comments, Errant Remarks, Snivellings and / or Lewd Suggestions	
1	2	8	10

Lithologic Log

Date: 26 Aug 82 Logged By: GAJ/JGS

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	100	180		101	#	OB
L	180	173		102	5B80	Typo gr. (OQ*Tr) REC/OK
L	173	248		103	5B80	±2* (500) 98/2 med bkn REC/OK Gauge 20.5 - 21.0 11S2 incip
L	248	275		104	5B20	Dk med gr fol, lith ok, dk S2 folia devel REC/O
L	275	296		105	5B0	±2(500) 70/30 as above + 5D Tuff (OQ* ^c) i
L	296	325		106	5D0	TYPE REC/OK
L	325	330		107	5B0	±2 as above REC/OK
L	330	349		108	5D0	TYPE (OQ0) 11 S2 REC/OK
L	349	358		109	5B0	±2 as above "
L	358	367		110	5A0	TYPE "
L	367	566		111	5B0	±82(500) 98/2 Bkn - intact (OQ* ^c) 2% Min. F. Gauge 39.5 - 39.7 Rubbly gauge 48.5 - 49.0 min Gauge F. Gauge 44.3 - 44.8 Bx u/c 15/000 l.c. incl. Gauge. 44.8 30/000 More gry ante unit + 5B2 → 5A0
L	566	572		112	5D0	(OQ* ^c) 1% REC OK
L	572	594		113	5B0	±8 med Typo greenish, med gr qtz folia REC/OK
L	594	600		114	5D0	(5B80) 90/10 REC/OK
L	600	657		115	5B0	±8 med (OQ* ^c) < 1% REC/OK
L	657	676		116	5D0	(5B80) 50/50 chl 5B REC/OK
L	676	705		117	5B0	(500) 80/20 Gauge F/ 69.8 ind. 2S S2 REC/O
L	705	708		118	5D0	
L	708	753		119	5B2*	±0 * up to 1/2 0 low 1/2 [SA* ±0] 71.8 REC/OK
L	753	765		120	5D0	±4)* Broken but → REC OK
L	765	785		121	5B20	(500)(OQ* ^c) 60/25/25 - OQ lat. 6m. REC/OK 5B2 folia black. at SA
L	785	887		122	5B0	±2 (500) 90/10 50 10-20cm S2 11 uni/s (OQ* ^c) med ±2 dk gry gr folia Typo VAN REC/OK
L	887	961		123	5D0	(5B80)(5B0) → 3m contra unit REC/OK minit gauge 89.3 9 91.2
L	961	1042		124	5B0	±2)* dk gry b/k. nd SA Gauge: - 98.3 → gauge 2x lx S2 20 uc 11S2 MAJ F 30° c Ax → 102.2 99.3 - 100.1

Lithologic Log

Date: _____

Logged By: GAJ

Code	From		To		Recov.	No.	Unit	Description		
	10	14	16	20					22	24
L	110	142	110	181		25	5D0	(5B80) ^{60/40} intercal mainly 5D. REC/OK		
L	108	112	112	22		26	5B0	± 8 mat TYPE VAR gre REC/OK		
L	111	122	111	131		27	5B20	Gauge incl 3m REC F		
L	111	131	111	144		28	5B20	Gauge end int ?		
L	111	144	111	149		29	5D0	y/c F 80 cax, Fq I		
								F 20 cax minor. middle unit		
L	111	149	111	164		30	5B*	± 8 mat 114.9-115.3 Gauge incl. REC/OK		
L	111	164	111	167		31	5D0			
L	111	167	112	177		32	5B0	(± 2.8 mat) (000%) ^{1%} 3m → 119.6-118 REC/OK		
L	112	177	112	256		33	5D0	[5B80] 117.5-117.7 Gauge incl		
								mainly 5D REC/OK		
L	112	256	114	293		34	5B0	± 8* local mat. greenish. REC/OK (5D0) cut 2m		
								5% ± 2 131.5-132.5 (00+) mat		
								F Gauge 132.3 - 5cm		
								Gauge 130.1 minor.		
								Gauge 133.6 gv.		
								Gauge 138.0 11S2 + gv.		
L	114	293	115	271		35	5B8*	± 0 green SB, minor rubble S2g		
								149.5 + (00%) 3% unit		
L	115	271	115	270		36	5B*6	± 2 (00+) med bkn no gauge REC/OK		
								LS2 11 9 cross cut 20° cax.		
L	115	270	115	275		37	5D4*	(5B6*) 70/30 REC/OK		
L	115	275	116	205		38	5B6*	± 2 carb S2 11 fd REC/OK		
L	116	205	116	216		39	5B62	*9 mat py. [5A*9] gr above unit. REC/OK		
L	116	216	116	221		40	5C4*	fusch REC/OK		
L	116	221	116	240		41	4A0	Bx (400) brittle Bx q. d. d. mx Ex/100 REC/OK		
L	116	240	116	244		42	5C4*	fusch ± med bkn.		
L	116	244	116	249		43	4D0	LCot. 4A (5D4*) "liff bnds" 18kn Core		
								subst 5-10% Zn = Py / 4A0 10%		
								subst py dominant. ? Bl.		
L	116	249	116	266		44	5A0	Gauge 2m rec only FAULT incl.		
L	116	266	116	286		45	5D4*	Rubble gauge rec. 8m banded Gauge		
								166.7-167.3 rubble		
								167.3-167.9 3m rubble		
								167.9-168.6 NIL REC.		
L	116	286	116	288		46	5A0	Gauge LC 11S2 + Bx. 50% c/ax sh.		

G.F.A.U.T

Lithologic Log

Date: 27 AUG

Logged By: GE - JES.

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	11688	11694		147	5104*	(00%0) Skard 50-60° CAx. cont FBX/REC/OK MATOR FAULT FL Sulphides.
L	11694	11759		148	5136*	DDL ± 2 Ganges 173.7 11S2-1738, REC/OK
L	11759	11778		149	5188.0	±*(5104*) 60/40 / ckt-dol 5B. ungs 1/2 (00%0) mat. REC/OK
L	11778	11836		150	51019	(5880) 50 dam mixed. pos Tuff grad → gre 5B liths REC/OK
L	11836	11902		151	51810	(530 ± 2) (500) 45/45/10 (00%0) Tr in 5D R/OK
L	11902	11922		152	5188*	DDL ± 0 (00%0) mat 11S2 grad → above REC/OK
L	11922	12003		153	5136*	± 2 (5104*) TF 5B dk gry, blk folia mat SA REC/OK
						Gange. 1956-1966 u/c mat, G.C. → S112 mt.
L	12003	12033		154	5101*	DOL, mat fuch, gd chl + dol p, bl/s ts REC/OK
L	12033	12038		155	41A4	(400) 80/20 40 ungs unit → 405 → 4A4 20% sulph. Zn < Py EX/TEX S/REC/OK
L	12038	12040		156	5104*	9 mat fuch, py. 11 bl/s folia. S/REC/OK
L	12040	12062		157	41A4	(5104*)-3cm bands 25% Sulph. Py 2x Zn (00%0) Zn EX/TEX mat bl u/c, mat bl l.c. S REC/OK
L	12062	12065		158	51014*	9 as above.
L	12065	12094		159	41A4	+3 → 405 → 400 (5104*) mat. ungs 1.2m (bl) u/c bl shp. but LT chl / or 4A but OK TEX S/R/O 25% total sulph. Py=Zn except +3. Bx, s/s, - how unit? Tex? all W-R.
L	12094	12102		160	3G911	6 py lt SA19 → 4A in opp & low parts S/REC/O
L	12102	12151		161	41A0	± 3 mat → 4CS sulph 10% ± 3 210.8-211.0 py dom. (00%0) mat. grade 4A ↔ WR. = 4A/WR. = 4A4 above. gange 213.7-213.8 mat. REC/OK
L	12151	12156		162	5104*	9 py blebs 11S2 (00%0) DOL Py) → 40% S/REC OK 213.7-216.7 loss 1.3m
L	12156	12170		163	41C0	→ 4CS gr or 4L folia → m gry dk gry base bl. grade unit above Bx gr cert heating. QV lute fault / mat. REC/OK
L	12170	12188		164	41A4 ± 3	→ 405 EX/TEX dk gry chert / sulph band py/Zn folia little lt. 40 ungs 1/2 unit mat Bx.
L	12188	12200		165	4K5	[3G196] Zn + Pb med dk gry fol. → 4A but WR → under unit (00%0) mat C.A.M.C. 1981-E-3 REC OK.

?? Don't Blane 4A on 110 G.J.

Lithologic Log

Date: 27 AUG 82 Logged By: GAJ.

JGS

Code	From				To				No.	Unit	Description
	10	14	16	20	22	24	26	28			
L	1212	100	1226	00					1616	3G01	± 9 mnt py. zn → 3G48 lower 1/2 (QQ* DOL ch. Py mnt) 15% int 11 S ₂ 1-40 cm REC/O
L	1226	00	2298						1617	1410151	→ 400 (504*) mnt ^{15% 11 S₂} sulph 15% Py = Zn EX/TEX ox + Bk, REC/O
L	1212	198	1230	01					1618	141101	± * mc Bx si, carb in Po mx. S/REC/OX
L	1230	01	1231	00						1410151	⇒ 400 20% sulph Zn=Py micro Bx sim to above 40, l.c. grad. S/REC/OX
L	1231	00	1234	07					1619	4A141	± 3 → 405 fol dk med gry EX/TEX dk. gry dirty bands, g/ sulph bands, Po Zn bands Tot. sulf. 25% Zn ⇒ Py, 405 up to 1.0 m. S/REC/O.
L	1234	07	1235	00					1710	3G911	6 ± * DOL mnt Py in dol/gte ALT W.R. 3 m.
L	1235	00	1235	03						14E1	(3G916*) → Zn-py 4E1 mnt 11 S ₂ (504*) micro luff S/REC/OX
L	1235	03	1239	09					1711	3G91	± * DOL m. dk gry - blk fol. gr 11 S ₂ (3G9-5A) R/OX
L	1239	09	1240	04					1712	3G911	6 * Zn Po 11 S ₂ g bands as above exc sulf w/P R/OX
L	1240	04	1242	02					1713	14A101	± 4, 7. EX/TEX S/REC/OX
L	1242	02	1243	02					1714	3G911	6 * as above. 6 = Zn py in g. - dol bands A.W.R. S/R/O.
L	1243	02	1248	07					1715	14A101	15-20 Py sulf + Zn EX/TEX lt colored S/REC/ last 5 m → next unit ? ALT W.R.
L	1248	07	1259	00					1716	5B216	* → (5A*) at top 3m 90/10 (QQ* DOL py) mnt 1% R/O striped gry bl. mnt py REC/OX exc. Gouges 254.8 → 255.2 incl. mnt F.
L	1259	00	1261	03					1717	5D1*	± 4 DOL (5B62*) (QQ* DOL ch. Py) 70/20/10% REC/OX
L	1261	03	1266	03					1718	5B612	± * 9 ^{Py} mnt ^{Zn} (5A6 ± *) (504*) 75/20/5% QQ* DOL mnt. (as above) Bkn. REC/OX Py = g/2 - dol bands 263.4 - .5 (4045)* ^{DOL} also at 265-1 1cm. g-dol vein repl. REC/OX
L	1266	03	1272	00					1719	3G01	± 9 mnt. Typo gr 11 S ₂ mnt up to 2 m. unit REC/O (QQ* DOL ch.) 3%
L	1272	00	1279	01					1810	3B33	± 4 * (5A*) (3G9*) (QQ* DOL) mnt 70/15/15 REC/OX
L	1279	01	1280	07					1811	3G01	± 9 (QQ ± * DOL) 2% 11 S ₂ , 9 mnt up to .5 m unit, REC/OX Bx Gauge 279.7 - 280.0 uc 45/1000, l.c. same

Lithologic Log

Date: 27 AUG 82 Logged By: G.A.J.

J.G.S.

Core	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	2807	2821		82	3G0	± * mat (3B * ± 3, 4) 60/40 3B .2-3 m // S ₂ REC/OK
L	2821	2902		83	3G0	(OQ * DOL) → 284.8 - 285.4 + py above → 5cm Py Zn part of vein. REC/OK
L	2902	2924		84	4D5	± * DOL → 4A ± 3, 4, low 80% 4AS/Bkn/ ex/TEX upper 40% WR Rubble no gangue REC/OK
L	2924	2928		85	3G9*	as 5B62* up hole in/dol sulphide from 50m up hole. if 405 WR Bkn. REC OK
L	2928	2950		86	3G0	4,6 ± Zn ⁷⁰ mat in OQ * DOL Bkn REC OK
L	2950	2975		87	4L62	± 4 stgrs gtz g.d, zn, py 11 gr gty gr gry - gr-cr / slt = 3G BL pre D ₂ veinlets REC/OK
L	2975	2986		88	3G0	± 9, 6, zn, py bands // S ₂ stgrs ex S ₂ quad c above, 1c FAULT. // 20/000 REC/OK
L	2986	3026		89	4C5	[3G16] py zn Tot sulf. 5-10% < P/ diss gtz // S ₂ W.R. sil. + sulph. (10% - OQ * DOL) TEXT → 4A in part m. Bkn, REC/OK
L	3026	3555		90	3G0	± 9 mins (3B3) ± 4 (3B4*) (3G4 STORS) 332.8 - 335 (OQ * DOL) 90% 3G0 3B → 305.9 - 306.3 308.8 - 309.3 308.1 - 308.3 309.6 - 310.0 313.0 - 313.3 315.0 - 315.4 316.8 - 316.9 319.1 319.2 335.7 - 336.6 342.2 - 342.7 OQ* 330.7 - 331.1 338.2 - 338.5 342.5 342.8 Gangue 303.4 - 303.5 w.c. F/ 45/000 Gangue 332.2 - 332.8 Bkn C u/c 45/150 F Gangue // S 338.6/5cm / 349.4 - .5 F 45C AX. LAST 346 - 349 mind S ₂ Gangue. no mjt f. Gangue 350.4 - 351 F/45 CHX Gangue 352.5 - 353.3 .3m REC Rubble Gangue (L // S ₂ EdI 60 C AX → 4C5 (4D5) 15% Sulph. P > Zn OQ Dol Bx // C AX S REC OK
L	3555	3567		91	4A0	

Lithologic Log

Date: 27 AUG 82 Logged By: GAT. JCS

Core Code	From		To		Recov.	No.	Unit	Description		
	10	14	16	20						22
L	3567		3571			912	4E4	(504*) fusch. 4E4 Bx S/S 90/10%	REC/OK	
L	3571		3589			913	4E4	Bx qtz-dol mx Brittle F, (4A0) mad FAULT/45° C'AX bkn S/REC	10X	
L	3589		3605			914	4A4	(404) Bx at top. Bx cont of above local EX/TEX, dk gr blk fol	REC 10X	
L	3605		3606			915	5C4*			
L	3606		3609			916	4C9	10% Sulf Py dom Bx as above.	REC 10X	
L	3609		3612			917	5C4*	(00*)		
L	3612		3646			918	4A10	(400) .2 m rubble rec only. / MLX2	} No Rec Fault No 361. 363.	
L	3646		3685			919	3G9	→ 360 mad py + dol 367-368.5 .1 REC ONLY.		
L	3685		3694			1010	5C4*	.2 m REC ONLY - rubble		
L	3694		3724			1011	4E4	± 6m/ Bx - q, dol chlc as above. FBX local Top 9 band, 1.7 m REC 370.9 - 372.2 rec .1 m (LOSS)		
L	3724		3730			1012	4L0	Rubble. EdZ Gauge .4 m REC ONLY		
L	3730		3738			1013	4E4	Bx. FAULT Bkn Core S/S or S/SIL S/REC	OK	
L	3738		3770			1014	4A3	± 4 Tot sulph 30% < Py EX/TEX/BX S/REC	OK 80	
L	3770		3796			1015	4E0	± 4.5. local carb. 4A frags? hard BX S/S	REC/OK	
L	3796		3822			1016	4A4	(4E4) (404 ± 5) dom 4A mc BX duct flw Tot sulph 30% Zn → Py EX/TEX occ	REC/OK	
L	3822		3919			1017	3G0	± 9, *DOL mad (00* DOL) 3% Bkn 00* 382.3 - 382.6 + 384.5 - 384.8 → Bkn + G; 387.1 - 387.6 000, Gauge mad Gauge 382.6 - 386.2 mad. Rec 383.1 - 384.6 .6 m REC 384.8 - 385.6 .3 m REC latrish 40 C'AX/385.6 - 386.2 .4 m REC	REST/OK	
L	3919		3940			1018	4B0	± 5 Hqy mic qtz → up dk gry qtz Py centric with 00* no sulph present	REC/OK	
L	3940		3955			1019	4L2	(000) 90/10 qtz-cit (py) Sulf fol < 1%		
L	3955		3960			1110	3G4		REC CORE 80%	
L	3960		3962			1111	3G0	(4L0) Gouge 1/c 40/000 FAULT		
L	3962		3968			1112	3G4	Bl 3G NIL sulph	REC/OK	
L	3968		3981			1113	3G9	Sz 11 Gauge (00* Dol) 25%	REC/OK	
L	3981		4065			1114	3G0	→ 3G4 (00* Dol) 10% v Bkn gauge	Poor RE	

Gauges: 403.1 - 403.9 NIL REC
403.9 406.0 1m rubble
407.2 407.8 .3 m REC
407.8 408.6 .4 m REC rubble.
408.6 409.3 .7 m REC

C.A.M.C. 981-E-3

Lithologic Log

Date: _____ Logged By: GAJ

Code	From		To		Recov.			No.		Unit	Description
	10	14	16	20	22	24	26	28	30		
L	14016	5	14019	5	1	1	1	1	1	4L217	Bkn see pres gauges POOR REC 407.2 407.8
L	14019	5	14027	7						116 4C01	10% sulph Py > Zn REC/OK
L	14019	7	14110	1						117 4H0	m BX REC/OK
L	14110	1	14115	5						118 4L72	± 1,4, Bkn GOUGE .8 m REC c.s ind.
L	14115	5	14138	8						119 4L0	GOUGE (3G4) c.s ind. 3G4 → 413.2 - 413.6, .3 m Core loss. F/MAJ.
L	14138	8	14166	6						120 4L127	± 14 (COQ*DOZ) mnd. Tot sulfur 5% P BX bands, 414-414.4 4 = Zn mnd Mod BX FAULT S/glt/DOZ Part 02
L	14166	6	14176	6						121 3G9	GOUGE c.s ind MAJ FAULT
L	14176	6	14190	0						122 4E4*	C (40*8) (4A0) → upp 2m 4E/40 50/50 BX chle + carb mx. S, REC/OK
L	14190	0	14206	6						123 4L112	(4L0) Bkn Gouged = 11 S2 (COQ*DOZ) mnd bot 1/2 unit Gouge rubble F/MI
L	14206	6	14209	9						124 4A0	Bx F, carb veinths S/REC/OK
L	14209	9	14214	4						125 4D4	(50*49) Py Bx gty carb F. REC/OK
L	14214	4	14219	9						126 4A0	Bx gty carb chl upp 1/2 4D4 → 4E1 4A EX/TEX 10% sulph Py > S REC OK
L	14219	9	14227	7						127 4E8	± 1 nr top ± 6 nr bott. BX. dust flow sil fgs S/S mx. + chle carb sil S/REC/OK
L	14227	7	14240	0						128 4A10	± 9. 5-10 sulph > Py EX/TEX 1 chert folia m.dtk gty S/REC/OK
L	14240	0	14251	1						129 4C81	(504*) 90/10 m BX sil/S dust fl. TEX sim 4A Bl aely 504* REC/OK
L	14251	1	14255	5						130 4A10	1 = dk & lt gty S; chert bands as above. REC/O
L	14255	5	14258	8						131 4C0	Bl of above REC/OK
L	14258	8	14261	1						132 4A11	as above carb rubble REC/OK
L	14261	1	14289	9						133 5D4*	(4L2) (COQ*DOZ) 50/50 /MAJ. 427.6 above Rubble 4 REC
L	14289	9	14293	3						134 3G9.1	6 mnt py [SA197] Top FAULT. 45/060 mines Faults cut unit REC/OK
L	14293	3	14342	2						135 4L2	→ 3G4 (COQ*) 1% top 1/2 Bkn. REC/OK Gouge 433.5 ind .5 m CORE LOSS in top 1/2

Lithologic Log

Date: 27 AUG 82 Logged By: GAT

Code	From	To	Recov.	No.	Unit	Description					
1	10	14	16	20	22	24	26	28	30	34	35
L	14342	14346		136	SK41*	fasch.					
L	14346	14368		137	4L72	+4 sulph < 1% stqs. Good REC					
L	14368	14622		138	JG01	+3 biot, chl, → amph facies → biot green [313] Mixed non calc qtz-chl-po-calc stqs, (5C* DOL) mottled TEXT. as :- 439.8, -440.3 / 440.8 - .9 / 441.2 - 441.4 441.6 - .8 / 449.5 - 449.8 / 450.4 - 451.7 Mnr Gouge 454.6 ind. REC/OK					
L	14622	14616	4	139	JG3	Biot + chl calc in stqs? + chl, qtz, po ? veins gorret pblsts, at top unit REC OK.					
L	14664	14685		140	JG01	chl. Biot REC OK. Ed Hole. 468.5					

No SAMPLE

LAST 3 UNITS ; NET GRADE
3G/STERY + CHLOR = NET VOLC.

DDH FAGAL18
2
meters

Cyprus Anvil Mining Corp.

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Structural Log

Date Aug 24/82 Logged By: JGS/ck

Code	From		To		Feature	S ₁ E	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				184	CS12						710	29.0	
S				1143	CS12						75	11	
S				2102	CS12						810		
S				265	CS12						75		
S				322	CS12						75		
S				377	CS12						75		
S				430	CS12						75		
S				457	CS12						85		
S				512	CS12						810		
S				583	CS12						85		
S				657	CS12						810		
S				710	CS12						810		
S				768	CS12						75		
S				839	CS12						75		
S				864	CS12						810		
S				924	CS12						810		
S				980	CS12						810		
S				11075	CS12						75		
S				11162	CS12						85		
S				11214	CS12						810		
S				112195	CS12						75		
S				11323	CS12						85		
S				11365	CS12						810		
S				11419	CS12						810		
S				11477	UNDP						85		
S				11550	CS12						75		
S				11610	CS12						710		
S				11711	CS12						810	29.0	
S				11790	CS12						810	212.5	
S				11832	CS12						85	11	
S				11935	CS12						810		
S				11995	UNDP						75		
S				210188	CS12						710		
S				21180	CS12						810		
S				22110	CS12						710		
S				22280	CS12						75		

mm

Structural Log

Code	From		To		Feature	SYM	S ₀		S ₁		S ₂		Description	
	10	14	16	20			22	24	26	28	32	34		38
S				12363	CIS2							75	225	
S				12455	CIS2							75		
S				12495	CIS2							80		
S				12570	CIS2							75		
S				12620	CIS2							85		
S				12698	CIS2							80		
S				12759	CIS2							80		
S				12828	CIS2							80		
S				12896	CIS2							80		
S				1294	1MDF							85		
S				13000	CIS2							85		
S				13038	CIS2							75		
S				13105	1MDF							80		
S				13173	CIS2							80		
S				13245	1MDF							80		
S				13315	1MDF							85		
S				13383	CIS2							80		
S				13459	CIS2							80		
S				13540	CIS2							80		
S				13660	1MDF							70		357-382.6 ore in 8v zone
S				13827	1MDF							60		ore banding 85/52
S				13880	1MDF							85		
S				13910	1MDF							70		
S				13966	CIS2							75		
S				14070	CIS2							80		
S				14141	CIS2							70		
S				14276	CIS2							70		
S				14315	1MDF							80		
S				1440	CIS2							80		
S				14443	CIS2							75		
S				14514	CIS2							75		
S				14584	1MDF							80		
S				14670	1MDF							80	225	
														EoH 468.5

ASSAY LOG (SAMPLER'S COPY)

Date 27 AUG 82 Sampled by _____

CODE	FROM		TO		SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION				
	10	14	16	20						22	26	28	30
P	120	13	120	14	145146	11	5	11	5	4A41			
P	120	14	120	16	145147	11	4	11	4	4A41			
P	120	16	120	17	145148	11	6	11	6	4A41			
P	120	17	120	19	145149	11	6	11	5	4A41			
P	120	19	121	10	145150	10	8	10	7	3G91			
P	121	10	121	12	145151	12	0	12	0	4A01			
P	121	12	121	14	145152	12	0	11	7	4A01			
P	121	14	121	15	145153	10	9	10	8	4A01			
P	121	15	121	17	145154	11	9	11	4	4C01	5(504)		
P	121	17	121	18	145155	11	8	11	8	4A44			
P	121	18	122	10	145156	11	2	11	2	4C51	IF NOT SPLIT IGNORE		
P	122	16	122	18	145157	12	0	12	0	4D51			
P	122	18	122	19	145158	11	8	11	8	4D51			
P	122	19	123	10	145159	11	2	11	2	4D51	(4H0) - 2 m		
P	123	10	123	13	145160	12	0	12	0	4A44			
P	123	13	123	14	145161	11	7	11	5	4A44			
P	124	10	124	12	145162	11	8	11	8	4A01			
P	124	12	124	13	145163	11	0	11	0	3G91			
P	124	13	124	15	145164	12	0	11	9	4A01			
P	124	15	124	17	145165	12	0	12	0	4A01			
P	124	17	124	18	145166	11	5	11	4	4A01			
P	129	10	129	12	145167	12	2	12	2	4D51			
P	129	18	130	10	145168	12	0	12	0	4C51			
P	130	10	130	12	145169	12	0	12	0	4C51			
P	131	15	131	16	145170	11	2	11	2	4A01			
P	131	16	131	18	145171	12	2	12	2	4E44			
P	131	18	131	19	145172	11	6	11	6	4A44			
P	131	19	131	20	145173	12	0	12	0	4A01			
P	131	20	131	22	145174	12	0	10	2	4A01			
P	131	22	131	24	145175	12	0	10	9	3G91			
P	131	24	131	26	145176	12	0	10	5	3G91			

Fault File

DDH FAGAL18
2 8

Cyprus Anvil Mining Corp.

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Structural Log

Date: _____ Logged By: _____

Code	From		To		Feature	S ₁ E	S ₀		S ₁		S ₂		Description
	10	14	16	20			22	24	26	28	32	34	
F		173		248	2B								
F		205		210	G								
F		395		397	G								
F		485		490	G								
F		443		448	GX		15	0,0,0				30	0,0,0
F		367		566	1B								
F				698	G								
F		753		765	B								
F				893	1G								
F				912	1G								
F				983	GX								u/c 20/IND
F		993		1001	3F								
F		1122		1131	G		3						
F				1144	GF								u/c = 80/IND i = 20/IND
F		1149		1153	G								
F		1175		1177	1G								
F				11323	G								
F				1301	1G								
F				1336	GQ								
F				1387	GQ				99	999			
F		1493		1521	1R								
F		1521		1570	2B								
F				1597	G				70	180			
F		1621		1640	XQ								
F		1640		1644	2B								
F		1644		1649	B								
F		1649		1666	G								
F		1666		1686	RGP7								u/c 50/IND
F		1686		1688	GX						99	999	
F		1688		1694	S								i = 55/IND
F				1737	G				99	999			
F				1738	G								
F		1956		1966	G						99	999	
F		2137		2138	G								
F		2137		2167	P		6						
F		2167		2158	1XQ								

Structural Log

Date: _____ Logged By: _____

Code	From		To		Feature	E S ₁	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				
F	2298		2301		D								
F	2301		2310		DX								
F	2548		2552		G								
F	2613		2663		B								
F	2797		2800		GX	45	0.00			45	0.00		
F	2902		2924		RB								
F	2924		2950		B								
F			2986		F			20	0.00				
F	2986		3022		B								
F	3034		3035		G			45	0.90				
F	3322		3328		G	45	1.80						
F			3386		G								
F	3494		3495		G								i = 45/IND
F	3460		3490		G								
F	3504		3510		G								i = 45/IND
F	3525		3533		GR S								
F			3555		G			99	9.99				etc 60/IND
F	3555		3567		XQ								i = 06/IND
F	3567		3571		D								
F	3571		3585		X								i = 45/IND
F	3606		3609		X								
F	3612		3646		RP	1							
F	3646		3685		B	4							
F	3685		3694		R	3							
F	3694		3724		XDP	5							
F	3724		3730		RG	5							
F	3730		3738		XB								
F	3612		3730		3.F.								
F	3738		3822		D								
F	3826		3862		GR	3							
F	3960		3962		GF					40	0.00		
F	3968		3981		GB								
F	4031		4039		GP								
F	4039		4060		RP	3							
F	4072		4078		P	5							
F	4078		4086		RP	5							

DDH: FAGA118 -- 42 DEGREE PROFILE

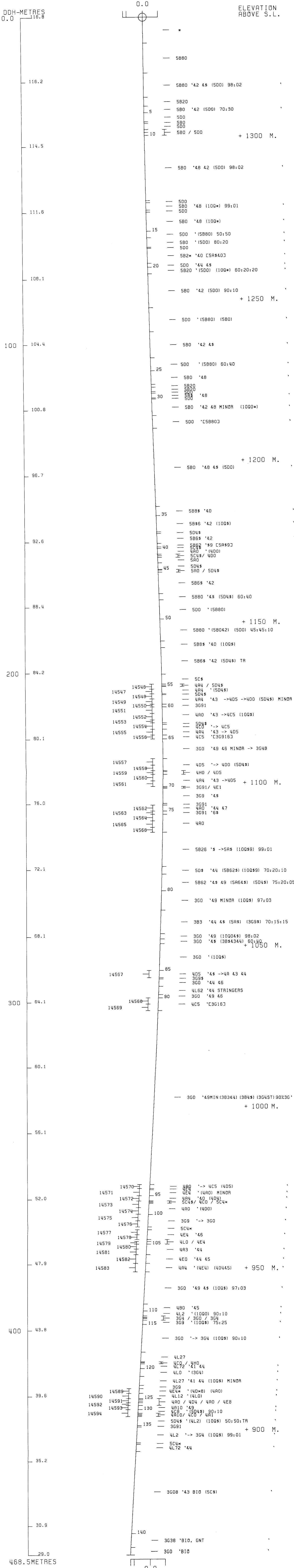
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1315 592074E ; 905277N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 555.3 Z = 1337.3

SECTION NAME: 82W



DDH: FAGA118 -- 42 DEGREE PROFILE

(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1315 592074E ; 905277N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 555.3 Z = 1337.3

SECTION NAME: 82W

