

Grum
Section 00N
1 of 2

014981

FAGA004

DRILL HOLE : FAGA004
NORTHING : 904,922.3
EASTING : 592,170.2
ELEVATION : 1,236.8
TOTAL DEPTH : 314.8
SECTION : W 76
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: 21
NOS DOWN-H-SURVEYS: 6
NOS DOWN-H-LITHOLOGY: 95
NOS DOWN-H-STRUCTURE: 44
NOS DOWN-H-FAULTS: 51
NOS DOWN-H-SPLINES: 6
NOS COMPOSITES: 0

21NOV83 GRUM

DOWN-HOLE SURVEYS (DM020)

PAGE: 24

DDH: FAGA004 UTM-N: 904,922.3 UTM-E: 592,170.2 UTM-ELEV: 1,286.8 TOTAL DEPTH: 314.8 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 OHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
64.000	180.000	0.000
91.400	176.800	84.000
152.400	173.500	37.000
213.400	174.500	43.000
259.100	173.200	321.000

ODH: FAGA004 UTM-N: 904,922.3 UTM-E: 592,170.2 UTM-ELEV: 1,286.8 TOTAL DEPTH: 314.8 SECTION: W 76
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
3.0	0C01			0.5-	1
19.7	0C02	58C	(504*)	0.5-	1
30.3	0C03	FAULT		0.5-	1
32.9	0C04	580*		0.5-	1
34.1	0005	10QC		0.5-	1
34.7	0006	580*		0.5-	1
35.2	0C07	58C		0.5-	1
48.2	0008	580*		0.5-	1
61.3	0009	58C	83	0.5-	1
62.1	0C10	5820		0.5-	1
64.5	0Q11	5A0	(500) 70:30	0.5-	1
68.0	0C12	58C		0.5-	1
68.5	0C13	5C3	(10Q0)	0.5-	1
74.3	0014	58C		0.5-	1
75.3	0015	5C3	(500) 82:18	0.5-	1
82.3	0016	58C	(10Q0) MINOR (500) TRACE	0.5-	1
83.5	0C17	50C	(10Q0) MINOR	0.5-	1
83.9	0C18	4L0		0.5-	1
84.4	0C19	500		0.5-	1
89.0	0020	586	[3G0]	0.5-	1
89.9	0C21	5846	[4L0]	0.5-	1
92.2	0022	5820		0.5-	1
93.2	0C23	5AC		0.5-	1
94.0	0G24	5820		0.5-	1
105.9	0C25	58C*		0.5-	1
108.4	0026	584	(500) RUBBLE	0.5-	1
111.1	0027	5C3*	(500) MINOR	0.5-	1
111.6	0C28	5FC	[5880?]	0.5-	1
112.0	0029	5C3*		0.5-	1
114.9	0C30	5FC	[5880?]	0.5-	1
118.0	0C31	580		0.5-	1
122.3	0C32	5820	(10Q0)	0.5-	1
123.6	0G33	500	(5A1) MINOR	0.5-	1
127.3	0034	58C	83	0.5-	1
128.4	0C35	4L0	PO PY	0.5-	1
132.1	0G36	5FC	BIO ->4L6 E.O.I. (5C3)	0.5-	1
134.9	0C37	580		0.5-	1
135.1	0038	5A0		0.5-	1
136.6	0G39	58C	83	0.5-	1
137.7	0G40	4LC		0.5-	1
139.9	0041	58C	(10Q0) 13X (500)	0.5-	1
142.8	0042	500	83 BIO	0.5-	1
143.7	0043	4L6		0.5-	1
144.8	0044	500	83 BIO	0.5-	1
145.4	0G45	586		0.5-	1
145.8	0C46	4L6		0.5-	1
146.9	0G47	4L0	PO PY	0.5-	1
150.1	0048	5846		0.5-	1
152.1	0049	580		0.5-	1
154.4	0G50	5820	(5A0) LOCALLY	0.5-	1
155.4	0G51	580		0.5-	1

DOH: FAGA004 UTM-N: 904,922.3 UTM-E: 592,170.2 UTM-ELEV: 1,286.8 TOTAL DEPTH: 314.8 SECTION: W 76
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DMD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
156.9	0052	5820		0.5-	1
160.8	0053	4L0	(4L7)	0.5-	1
163.7	0054	582	86 (5A0) LOCALLY	0.5-	1
164.7	0055	4L7	(4H0)(4G4)(5D4*) 38:18:22:22	0.5-	1
165.9	0056	4E0	84	0.5-	1
168.6	0057	4E0	(4K0) (4E*)	0.5-	1
169.2	0058	4E8		0.5-	1
169.6	0059	5D4*		0.5-	1
171.3	0060	4E8	(4G4#3)(4C*)(4H0) 85:15:TR:TR	0.5-	1
172.5	0061	580	83	0.5-	1
178.9	0062	5880	83	0.5-	1
179.7	0063	5EC		0.5-	1
186.5	0064	5880	83	0.5-	1
187.1	0065	500	83	0.5-	1
189.3	0066	580	83	0.5-	1
189.8	0067	500		0.5-	1
200.1	0068	580	(5820)	0.5-	1
206.0	0069	4E4	(4G4)MINOR (4L)MINOR NO CORE	0.5-	1
207.9	0070	8XA	[4L0 GOUGE (4C4 BXA)]	0.5-	1
211.2	0071	586	82	0.5-	1
212.8	0072	5EC	(583) MINOR	0.5-	1
228.3	0073	580	83	0.5-	1
229.5	0074	580	NO CORE	0.5-	1
230.6	0075	583		0.5-	1
231.0	0076	5D4*	RUBBLE	0.5-	1
238.3	0077	583	-> 5E0	0.5-	1
239.1	0078	580	(583)	0.5-	1
241.1	0079	5820		0.5-	1
244.6	0080	580	(503)	0.5-	1
245.7	0081	4EC	8XA (4A0 BXA) (4K0)	0.5-	1
247.3	0082	5AC	(592)	0.5-	1
253.9	0083	5820	FAULT	0.5-	1
256.5	0084	5820	-> 5826 E.O.I.	0.5-	1
260.8	0085	4A1	83 (4C0) V. MINOR	0.5-	1
261.6	0086	4E#4		0.5-	1
262.0	0087	4A0		0.5-	1
283.7	0088	5823		0.5-	1
284.8	0089	4EC	(4E1) BXA	0.5-	1
285.3	0090	5A0		0.5-	1
285.9	0091	4EC	(5A0) (4E+ BXA)	0.5-	1
291.4	0092	5820	(5A0)	0.5-	1
302.1	0093	5A0		0.5-	1
308.5	0094	5826	(5A0)	0.5-	1
314.9	0095	5A0	(5820)	0.5-	1

DDH: FAGA004 UTM-N: 904,922.3 UTM-E: 592,170.2 UTM-ELEV: 1,286.8 TOTAL DEPTH: 314.8 SECTION: W 76
 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	DMDC	SDC	PROCESS		
FAGA004	0.0	10.7	CS2	0	0	0	65	230	0	1	1	1
FAGA004	0.0	14.3	CS2	0	0	0	61	230	C	1	1	1
FAGA004	0.0	34.4	CS2	0	0	0	62	230	C	1	1	1
FAGA004	0.0	40.2		0	0	0	78	230	C	1	1	1
FAGA004	0.0	45.7		0	0	0	68	230	C	1	1	1
FAGA004	0.0	51.2		0	0	0	65	230	C	1	1	1
FAGA004	0.0	57.3		0	0	0	70	230	0	1	1	1
FAGA004	0.0	63.1		0	0	0	75	230	C	1	1	1
FAGA004	0.0	69.5		0	0	0	75	230	0	1	1	1
FAGA004	0.0	75.3	PS2	0	0	0	75	230	0	1	1	1
FAGA004	0.0	79.6	PS2	0	0	0	76	230	C	1	1	1
FAGA004	0.0	85.6	PS2	0	0	0	66	230	0	1	1	1
FAGA004	0.0	93.0	CS2	0	0	0	70	230	C	1	1	1
FAGA004	0.0	100.9	PS2	0	0	0	65	230	C	1	1	1
FAGA004	0.0	109.7	PS2	0	0	0	46	230	0	1	1	1
FAGA004	0.0	116.7	PS2	0	0	0	60	230	C	1	1	1
FAGA004	0.0	124.7	CS2	0	0	0	53	230	0	1	1	1
FAGA004	0.0	127.0	CS2	0	0	0	65	230	0	1	1	1
FAGA004	0.0	133.0	CS2	0	0	0	65	230	0	1	1	1
FAGA004	0.0	140.0	CS2	0	0	0	71	230	0	1	1	1
FAGA004	0.0	145.4	PS2	0	0	0	66	230	0	1	1	1
FAGA004	0.0	152.7	PS2	0	0	0	61	230	0	1	1	1
FAGA004	0.0	161.1	PS2	0	0	0	75	230	C	1	1	1
FAGA004	0.0	171.9	PS2	0	0	0	80	230	C	1	1	1
FAGA004	0.0	173.7	CS2	0	0	0	63	230	0	1	1	1
FAGA004	0.0	174.0	CS2	0	0	0	70	230	0	1	1	1
FAGA004	0.0	181.7	CS2	0	0	0	50	230	C	1	1	1
FAGA004	0.0	190.5	CS2	0	0	0	45	230	C	1	1	1
FAGA004	0.0	212.9	CS2	0	0	0	70	230	C	1	1	1
FAGA004	0.0	220.4	CS2	0	0	0	72	230	0	1	1	1
FAGA004	0.0	228.1	CS2	0	0	0	62	230	C	1	1	1
FAGA004	0.0	229.8	CS2	0	0	0	80	230	0	1	1	1
FAGA004	0.0	238.5	CS2	0	0	0	89	230	C	1	1	1
FAGA004	0.0	246.0	CS2	0	0	0	57	230	0	1	1	1
FAGA004	0.0	255.4	CS2	0	0	0	53	230	C	1	1	1
FAGA004	0.0	259.8	PS2	0	0	0	64	230	0	1	1	1
FAGA004	0.0	262.4	PS2	0	0	0	62	230	C	1	1	1
FAGA004	0.0	269.7	PS2	0	0	0	70	230	C	1	1	1
FAGA004	0.0	277.1	CS2	0	0	0	60	230	C	1	1	1
FAGA004	0.0	289.0	PS2	0	0	0	65	230	C	1	1	1
FAGA004	0.0	292.0	PS2	0	0	0	78	230	C	1	1	1
FAGA004	0.0	299.9	CS2	0	0	0	80	230	0	1	1	1
FAGA004	0.0	307.2	CS2	0	0	0	75	230	0	1	1	1
FAGA004	0.0	313.9	CS2	0	0	0	80	230	C	1	1	1

DDH: FAGA004 UTM-N: 904,922.3 UTM-E: 592,170.2 UTM-ELEV: 1,286.8 TOTAL DEPTH: 314.8 SECTION: W 76
 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		
FAGA004	3.0	19.6	B				0	0	0	0	1	
FAGAC04	19.6	30.7	FPR	1			0	0	0	0	1	
FAGA004	0.0	31.5	R				0	0	0	0	1	
FAGA004	30.7	32.9	T				0	0	0	0	1	
FAGA004	32.9	34.1	QR				0	0	0	0	1	
FAGA004	34.6	35.2	TR				0	0	0	0	1	
FAGA004	0.0	35.3	J				0	22	225	0	1	
FAGA004	0.0	66.7	XQ				0	35	C	0	1	
FAGA004	75.2	82.2	T				0	0	C	0	1	
FAGA004	96.6	99.6	BP				0	0	C	0	1	
FAGA004	105.9	108.4	RB				0	0	C	0	1	
FAGA004	0.0	109.7	J				0	34	315	0	1	
FAGAC04	117.9	121.4	BR				0	0	0	0	1	
FAGA004	121.4	122.3	JBR				0	0	0	0	1	
FAGA004	0.0	153.0	1G				0	99	999	0	1	
FAGA004	0.0	156.3	J				0	20	0	0	1	
FAGA004	0.0	163.0	J				0	45	180	0	1	
FAGA004	0.0	174.0	J				0	25	230	0	1	
FAGA004	0.0	174.1	J				0	25	35	0	1	
FAGA004	0.0	177.0	J				0	30	180	0	1	
FAGA004	0.0	182.8	J				0	0	0	0	1	
FAGAC04	0.0	194.7	G				0	C	C	0	1	
FAGA004	198.5	200.0	R1G				45	60	C	0	1	
FAGA004	200.0	206.0	NNN				0	0	C	0	1	
FAGA004	206.0	207.8	FGX				0	0	C	0	1	
FAGA004	208.3	208.6	BG				0	99	999	0	1	
FAGA004	0.0	208.9	G				0	99	999	0	1	
FAGA004	210.3	210.6	BG				0	99	999	0	1	
FAGA004	0.0	219.1	1G				0	35	120	0	1	
FAGA004	228.2	229.5	NNN				0	C	0	0	1	
FAGA004	229.5	230.6	RG	1			0	0	C	99	999	1
FAGA004	230.7	231.0	R				0	0	0	0	0	1
FAGA004	231.0	231.9	XJ				0	0	C	0	0	1
FAGA004	0.0	232.5	B				C	0	C	0	0	1
FAGA004	0.0	234.2	B				0	0	C	0	0	1
FAGA004	0.0	239.4	JQ				0	0	20	180	0	1
FAGA004	0.0	239.8	JC				0	0	45	315	0	1
FAGA004	241.0	244.5	XQ				0	0	0	C	0	1
FAGA004	244.5	244.9	X				0	0	0	C	0	1
FAGAC04	245.1	245.4	R				0	0	0	0	0	1
FAGA004	0.0	246.4	1G				0	0	99	999	0	1
FAGA004	247.2	253.9	FGR				0	0	0	C	0	1
FAGA004	268.0	269.4	G				0	0	0	C	0	1
FAGA004	0.0	274.7	JG				0	0	50	315	0	1
FAGA004	0.0	276.4	J				0	0	30	180	0	1
FAGA004	283.5	283.6	1G				0	0	C	C	0	1
FAGA004	0.0	283.7	1G				C	0	99	999	0	1
FAGA004	283.7	284.8	XR				0	0	C	0	0	1
FAGAC04	284.8	285.2	R				0	0	C	C	0	1
FAGA004	285.2	285.9	XQ				0	0	C	C	0	1
FAGAC04	0.0	290.7	JQ				0	0	15	150	0	1

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DOWN-HOLE SPLINES (DHO20)

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DDH: FAGA004 UTM-N: 904,922.3 UTM-E: 592,170.2 UTM-ELEV: 1,286.8 TOTAL DEPTH: 314.8 SECTION: W 76
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH SEGMENT NOS COND INDICATOR

FAGA004	1	2
FAGA004	2	2
FAGA004	3	2
FAGA004	4	2
FAGA004	5	2
FAGA004	6	1

DIAMOND DRILL CORE LOG

Date: _____

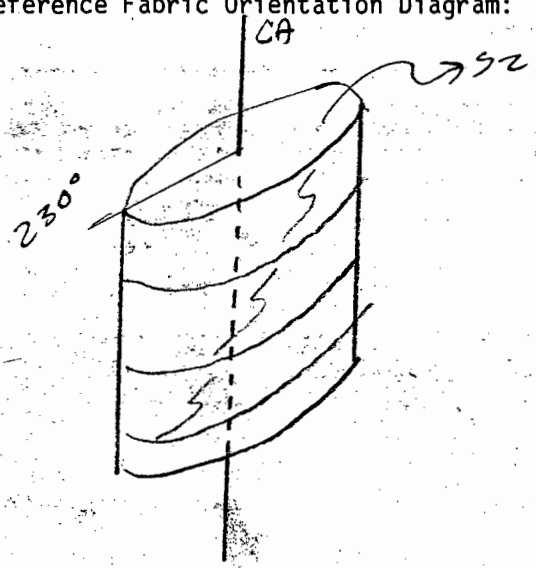
Hole Number: FAG A004

Reference Fabric Orientation Diagram:

Project: Grum Pelog 76W

Location: Vangorda Plateau

Claim: _____



1979 MFW Summary
UTM
Terr. Plane
Co-ords.: 6904922.3 N

6904922.3 N

592170.2 E

Grid Co-ords: 76W / 60S

All ~~symmetry~~ determinations looking

Elevation: 1286.8

NW with S2 dipping

Total Depth: 753'

SW with dip azimuth 230.

Purpose: _____

Reason hole Terminated: _____

Re
Logged by: JSM

Date(s) Logged: June 24, 1981 - June 26 1981

Drilling Contractor: _____

Size	CORE From	To	Collar Cased and Capped: _____
<u>BQ</u>	<u>0</u>	<u>753'</u>	

Hole Cemented: _____

Steel down hole: _____

Started: 9/26/73 Completed: 10/1/73

Lithologic Log

Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	100	100		1		O/B
L	100	1645	330	2	5B01	variably calcareous grey phyllite w/ minor thin SD4x interbeds, 1000 @ f.w. Zones of broken core make up ~25% of interval Note, also, poor recovery
L	1645	10110	115	3	FA1M4T	sand + rubble
L	1010	11080		4	5B0*	cc + FeMgCO ₃ . Much broken on S ₂ , rubble @ 1035 lower etc rubble
L	1080	11120	130	5	10Q0	rubble, minor phyllite
L	11120	11137		6	5B0*	cc + FeMgCO ₃ v. minor broken core, nothing significant
L	11137	11155		7	5B0	peker chip core + rubble
L	11155	11582		8	5B0*	cc + FeMgCO ₃ again, very minor broken core
L	11582	12010		9	5B01	mostly cc (strongly calc w/o powdering, loss of Fe stain) Minor broken core, 1000 @ 178 ft.
L	12010	12036		10	5B21	Grey phyllite becoming slightly greenish below 191 ft still calcareous though not as strongly as #9. Lower etc gradational
L	12036	12116		11	5A0	variably calcareous w/ 5D0 interbeds @ 205, 209, 210, 211; (30% 5D0, sharp ctes/S ₂)
L	12116	12230		112	5B0	calc
L	12230	12248		113	5C13	sort of mottled, w/ phyllite in center of interval + 1000 @ f.w.
L	12248	12439		114	5B0	calc
L	12439	12470		115	5C13	sort of mottled - blebby laminations 5D0 246.3-247 sharp upper etc
L	12470	12700		116	5B01	grey phyllite calc, much peker chip core, minor 1000 + one thin 5D0 bed minor gradational S ₂ near f.w. lower etc broken
L	12700	12740		117	5D0	minor 1000 lower etc broken
L	12740	12754		118	4L0	
L	12754	12770		119	5D0	
L	12770	12919		120	5B6	[340] pervasively cleaved, monotonous grey phyllite, locally minor carbonaceous mat but not enough for 2 modifier.
L	12919	12951		121	5B46	[400]

N.B. both poppy blebs though these phyllites

Feet

Lithologic Log

Date: _____ Logged By: JSM

Code	From	To	Recov.	No.	Unit	Description					
	10	14	16	20	22	24	26	28	30	34	35
L	129.51	130.24		122	5B21	} slightly calc					
L	130.24	130.57		123	5A10						
L	130.57	130.84		124	5B21						
L	130.84	134.75		125	5B10*	calcareous grey phyllite, cc+dolomite? broken core poor rec'v 317-327, also broken @ fw					
L	134.75	135.57		126	5B10	Rubble + broken core of 5B4 + 5D0					
L	135.57	136.46		127	5C3*	cc+dolo. Sort of mottled texture, 5D0 @ 359.7					
L	136.46	136.63		128	5F19	? lower dc sharp //s2					
L	136.63	136.75		129	5C3*						
L	136.75	137.70		130	5F10	? slightly broken near fw. } ocs //s2					
L	137.70	138.71		131	5B10	variably calc					
L	138.71	140.13		132	5B216	(1000) (gauge @ HW etc) (broken + rubble core) fracture - brecciated below 398.6					
L	140.13	140.55		133	5D10	calc - minor 5A1					
						#33 don't know relative etc. #'s					
						Note fold: nose of 5D0 in #34					
L	140.55	141.76		134	5B10	strongly calc, grey crenulated phyllite, minor pb blebs lower dc silicified (1000)					
L	141.76	142.13		135	4L40	minor py + po lower dc = gr-carbonate					
L	142.13	143.34		136	5F10	? (5C3 @ 425.3) grading to 4L6 @ fw. Incipient biotite local lower dc sharp //s2 cc veining @ fw					
L	143.34	144.25		137	5B10	slightly bleached + non calc @ fw + hw lower dc broken					
L	144.25	144.34		138	5A10						
L	144.34	144.80		139	5B10	lower dc is silicified marble (?) strongly calc 0.7 ft					
L	144.80	145.17		140	4L40						
L	145.17	145.90		141	5B10	(1000 457-458) (5D0)					
L	145.90	146.86		142	5D0	(1000 466.5) strongly calc + siliceous-carbonate bands, incip. biotite					
L	146.86	147.15		143	4L6						
L	147.15	147.52		144	5D0	as #42					
L	147.52	147.70		145	5B6	pb blebs, fine grained, grey pervasively cleaved					
L	147.70	147.83		146	4L6						

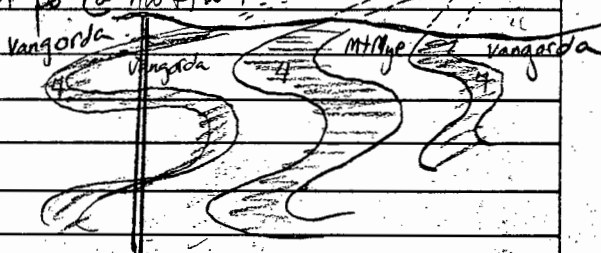
Lithologic Log

Date: _____ Logged By: JSM

Code	From	To	Recon.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	14783	14820		147	4L101	+ minor po + py } ctes // s ₂
L	14820	14923		148	5B146	
L	14923	14990		149	5B301	grading to 5B2 toward f.w lower cte // s ₂
L	14990	15016		150	5B21	locally 5A0 minor po blebs
L	15016	15097		151	5B30	} transitional in terms of C-content
L	15097	15114		152	5B21		intercalated lower cte // s_{2}
L	15114	15277		153	4L10	(4L7) lower cte sharp // s ₂
L	15277	15377		154	5B21	variable to non calc, locally 5A0, broken @ 530
						Somewhat silicified, minor siliceous tension gashes (5A19 @ f.w.)
L	15377	15410		155	4L471	(4H0) (4G4) (5D4)
						4L7 ← 537.2 → 1.2
						4H0 ← 538.4 → 0.6
						4G4 ← 539.0 → 0.7
						5D4 ← 539.7 → 0.7
L	15410	15414		156	4E101	± 4; minor mat @ H.W.
						Zn Pb localized in bands of sp (gn) w/ baby py porphs
L	15414	15513		157	4E101	(4K0 + 4E3) lower cte broken
L	15513	15515		158	4E181	mat in thin laminae blebs lower cte broken
L	15515	15516		159	5D14*	ank. sec. minor marip blebs SF? SC? lower cte broken
L	15516	15620		160	4E181	(inluded 4G4* cc. + ddo) → ~ 15%
						also v. minor 4C* @ 560.2, v. minor 4H0 @ 570.5
						± 0.4 ft of 4H0 w/ 4L clasts [4L7] @ f.w. lower cte broken
						* fold repeat? Note 5D4 + 4H0 + 4G4 units. Probably not because Graphitic Phyll above but not below. See note on pg 6
L	15620	15616		161	5B101	strongly calc
L	15616	15870		162	5B81	strongly calc
L	15870	15895		163	5E101	? phyllitic marble, strongly calc (cc) but also Fe stained... possible Fe ₂ (CO ₃) ₂ } all ctes // s ₂
						gradational ctes.
L	15895	16120		164	5B81	strongly calc
L	16120	16140		165	5D01	strongly calc
L	16140	16210		166	5B101	strongly calc, minor inter lam 5D mat'
L	16210	16226		167	5D101	
L	16226	16564		168	5B01	(5B2) Note gouge @ 639; Rubble core + minor gouge 651.4 - 656.4 minor 1000 // s ₂

Lithologic Log

Date: _____ Logged By: JSM

Code	From		To		Recov.		No.		Unit		Description
	10	14	16	20	22	24	26	28	30	34		35
L	16564	16760							169	4E4	w/minor 4E1, minor 4G4, minor 4L, minor po @ fw+hw. — Whole core sampled lithology from KA logs. Could this be same as first sulfide intersection because of po @ hw+fw? Note: 
L	16760	16820							170	4L-D	? Fault Described by KA as "chloritic gouge w/ massive sfd brca sections, 60% gouge." All that remains now is gouge+rubble, green color of matrix. Rubble core @ fw is 4D brca and 5D, 5E, 4L ?? Call the interval 4L (4D brca) gouge.
L	16820	16930							171	5B16	±2 locally gouded + graphitic, minor 1000 683.5-684.7; 685.6; 690-691 > broken/gougey // S ₂ Lower etc broken
L	16930	16980							172	5E10	phyllitic marble w/minor (5B3) Lower etc broken
L	16980	17489							173	5B0	strongly calc grades toward SE in one spot (726) minor gouge + broken core usu. // S ₂
L	17489	17530							174		? No core recovery; Hole deepened at later date
L	17530	17566							175	5B3	~0.6 ft core the rest is rubble + gouge Lower etc // S ₂
L	17566	17580							176	5D14*	Rubbled below 757' lower etc faulted?
L	17580	17819							177	5B3	gradational toward 5E0, strongly calc + whitish appearance due to high CO ₂ content. (5E0 @ E01) Brecciated + fractured to 761 Broken core @ 763, 768.5

Lithologic Log

Date: _____ Logged By: JSM

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	7819	7845		78	5B1A	(5B3) minor carbonaceous mat'l
L	7845	7909		79	5B1Z	moderately calc. v. minor gouge. Lower etc rubbled
L	79109	81024		80	5B1D	5B0 + 5D* ank. interbedded + bixiated + network-veined by silica + CO ₂ , minor IOQO.
L	81024	81060		81	4E1A	(4K) → 802.4 4EA bna → 803.5 ±4 4K → 804.2 → clasts of FeMg CO ₃ 4A rubbled → 805.2 note cpy in 4K 4K → 805.7 4E → 806.0
L	81060	81113		82	5A101	(5B2) variable to non calcareous. Minor gouge @ 808.6 // 52
L	81113	81329		83	5B1Z	Fault? interval is 90% gouge, rubble, IOQO. The intact core is 5B2 moderately calc
L	81329	81416		84	5B1Z	Becoming non calc toward FW. 20cm IOQO near fw.
L	81416	81558		85	4A11	some visible sphal. v. minor (4C) intbd ±3 minor local 39Z phyllitic mat'l lower etc gradational thru 4C-4E1.
L	81558	81582		86	4E1*14	cc. cc gangue concentrated cbits + bands of gangue-rich ore. Red sp. ~ 30% CO ₂ (should this be called 4K?) So strongly calc that I don't think there is any barite - but there may be some @ fw. Lower etc gradational: 4E15
L	81582	81597		87	4A101	
L	81597	91310		88	5B1Z	strongly calc IOQO 875.3-880.6 minor broken case: 875, 883, 894, 897, 901, 912.5, gouge 930.3-930.5' minor 4L @ 929
L	91310	91344		89	4E101	(4E1) mostly bixiated, vuggy, rubbled
L	91344	91360		90	5A101	rubbled
L	91360	91380		91	4E101	(5A0) (4E1 @ fw). Vuggy, weathered, Fe stained. pyrite + CO ₂ healed cracks (4E*) I think CO ₂ is secondary. Lower etc gouged Lower etc
L	91380	91560		92	5B1Z	(5A0) variable calcareous. Arbitrarily lower etc. gouge to 931 ft
L	91560	91910		93	5A101	variable calcareous

DDH E.G.A.O.O.4
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Cyprus Anvil Mining Corp.

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Lithologic Log

Date: _____ Logged By: JSM

Code	From					To					Recov.	No.	Unit	Description	
	1	10	14	18	20	22	24	26	28	30					34
L	9	9	11		10	1	1	2	0				94	15B1Z16	generally noncalc, very minor calc. (94)
L	10	1	1	2	0	10	3	3	0				95	15A10	(5B2) variably calcaceous — gradational, transitional det #92-95
															EOH

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	34	38	40	44
S				135	0			CSZ				65	213	0	
S				47	0			CSZ				61	213	0	
															see lith logs for zones of faulting evidenced by gouge rubble & broken core except where attitudes were observed
S				111	130			CSZ				62	230		
															22°/95° a fracture @ 129 ft I don't know how representative this is but indications are from veining that faulting above could be of a similarly steep attitude
S				113	20							78	213	0	
S				150	0							68	230		
S				116	80							65	213	0	
S				118	180							70	213	0	
S				20	170							75	213	0	
S				22	80							75	213	0	
															oxidized & silicified vein @ 35° to c.a. where s ₂ is horizontal @ 219 ft. 3cm wide
S				24	170			PSZ				75	213	0	
S				26	110			PSZ				76	230	0	
S				28	10			PSZ				66	213	0	
S				30	50			CSZ				70	230		
															@ 314 ft. possible fold nose E
S				31	31			PSZ				65	230	0	
															@ 360 34°/185° healed fracture w/ some (indeterm) offset
S				36	10			PSZ				46	213	0	in SC
S				38	30			PSZ				60	230		
S				40	90			CSZ				53	230		
S				41	16			CSZ				65	213	0	
															421.3-433.4 S ₁ dominant?

Code	From		To		Feature	S ₀ Dip Direct.	S ₁ Dip Direct.	S ₂ Dip Direct.	Description
	10	14	16	20					
S			4316	5	C/S1Z			65 230	
S			4519	3	C/S1Z			71 230	
S			4770	0	P/S1Z			66 230	
S			5011	0	P/S1Z			61 230	
									mind gauge // S ₂ @ 502 ft
									@ 513 fracture 20°/230°
S			5285	5	P/S1Z			75 230	
									CO ₂ tension cracks 45°/50°
									@ 535 ft
									→ note that these are 180° opp S ₂
S			5614	0	P/S1Z			80 230	comp brds in sfd's
S			5700	0	C/S1Z			63 230	
S			5711	0	C/S1Z			70 230	@ 571 ft 2 fracture orientations
									25°/100°; 75°/265°
									other fractures in same area:
									55°/70° 15°/50° 70°/95° 30°/35°
									little consistency seen
									@ 581 ft. tension cracks 25-35°/50°
									again opp. S ₂
S			5916	0	C/S1Z			50 230	
			612		P/S1Z				@ 600 ft. 30°/50° tension cracks
S			6250	0	C/S1Z			45 230	
									@ 651.4 possible fracture
									above gauge zone 45°/290°
									676-682 ft #70 no determ. att.
S			6985	5	C/S1Z			70 230	
									719' 35°/350° fracture controlled
									small (4cm) gauge
S			72130	0	C/S1Z			72 230	
S			7484	0	C/S1Z			62 230	
S			7540	0	C/S1Z			80 230	
									gauge in #75 // S ₂
									@ 758.2 fracturing in breccia
									@ 30° to CA

Structural Log

Core No.	From				To				Feature S/R	S ₀		S ₁		S ₂		Description
	10	14	16	20	22	24	26	28		Dip	Direct.	Dip	Direct.	Dip	Direct.	
S				7825									89	230		
																@785.5 20°/50° CO ₂ fracture
																@787 45°/185° CO ₂ fracture
S				807									57	230		
																Fault zone #83 only altitudes
																are relict S ₂ ~ 60-75/230°
S				8380									53	230		
S				8525									64	230		S ₂ in 4A
S				8610									62	230		
S				8850									70	230		
																@901.5 50°/185° poss
																fracture controlling mineral
																gouge
																30°/50° fracture system @907
S				9090									60	230		
																@931 small gouge // S ₂ @ 71/230
S				9480									65	230		
																@954 15°/50° CO ₂ fracture fills
S				9580									78	230		
S				9840									80	230		
S				101080									75	230		
S				10300									80	230		
																EOH

ASSAY LOG (SAMPLER'S COPY) Date _____

CODE	FROM		TO		SAMPLE		INTR.		REC (m)		UNIT		DESCRIPTION
	10	14	16	20	22	26	28	30	32	34	36	40		42
P	15372		15404		70115		122		124		4L7		(4H0) (4G4) (5D4*)
P	15404		15443		70116		139		126		4E0		I4
P	15443		15535		70117		190		180		4E0		(4K0, 4E*)
P	15530		15546		70118		117		116		4E8		
P	15546		15565		70119		165		119		5D4*		
P	15565		15620		7020		155		155		4E8		
P	161560		16610		900001		150						} 4E4 (4E1, 4G4, 4L, 70) whole core sampled by KA Kerr Addison sample #'s 3409-3413 } green conc. + 0.40
P	16610		16660		900002		150						
P	16600		16710		900003		150						
P	16710		16755		90000A		145						
P	16755		16825		90000S		170						
#3	P	18024		18060		7021		136		135		4EA1	(4K)
	P	18416		18484		7022		168		168		4A11	
#4	P	18484		18558		7023		174		174		4A11	
	P	18558		18582		7024		124		124		4E*4CC	
	P	18582		18597		7025		115		115		4A0	
												4A11	
	P	19308		19344		7026		136		136		4E0	(4E1)
	P	19344		19360		7027		116		111		5A0	
#5	P	19360		19380		7028		120		115		4E0	(5A0) (4E*)

FEET

FAULT

DDH FAG004
2 8

Cyprus Anvil Mining Corp.

Page _____ of _____

Structural Log

Date: 14 Oct 83 Logged By: _____

Code	From		To		Feature	SYM	S ₀		S ₁		S ₂		Description
	10	14	16	20			22	24	26	28	32	34		38	40	44
F	1100		1645		BI								Zones of broken core ~ 25% of interval
F	1645		11010		FPIR1								Fault zone - sand & rubble Kerr-Addison indicates 10% recovery
F	11010		11080		TI								Much broken on S ₂ rubble
F			11035		TR								rubble & vein
F	11080		11120		GR								peker chip core & rubble
F	11137		11155		TR								fracture - orientation 22/095 - probably related to faulting
F			11290		J				212	212	15		fracture - orientation 22/095 - probably related to faulting
F			12119		XIG				35	0100			broken & silicified veins @ 035° core axis
F	12470		12710		TI								much peker chip core
F	131170		132270		BIP								broken core & poor recovery
F	13475		13557		RBI								rubble & broken core
F			13610		J				314	311	15		healed fracture w/ some indet. offset
F	13871		13986		BIR								broken & rubble core
F	13986		14013		IBIR								fracture broken, broken & rubble
F			15020		IGT				919	919	19		minor gauge // S ₂
F			151130		J				210	000			fracture w/ orient 20/230
F			153150		J				45	180			Tension gashes
F			15710		J				215	213	10		fractures
F			15715		J				215	93	15		fractures
F			15810		J				310	180			tension gashes
F			1600		J								tension gashes 30-50° core axis
F			16390		G								gauge
F	16514		16564		R1/G		415	060					rubble & minor gauge
F			16564		MINN								fracture above gauge zone K-A sample no core
F	16760		16820		FGX								fault - rubble & gauge - at EOE have 4D bXa
F	16835		16847		BIG				919	919	19		broken & gauge // S ₂
F			16856		G				919	919	19		// S ₂ broken & gauge

Feet

FAULT

DDH F.A.G.A.004
2 8

Cyprus Anvil Mining Corp.

Page _____ of _____

Structural Log

Date: 14 Oct/83 Logged By: _____

Code	From				To				Feature	SVE	S ₀		S ₁		S ₂		Description
	10	14	18	20	22	24	26	28			Dip	Direct.	Dip	Direct.	Dip	Direct.	
F	16910	0	16911	0	BIG					9.9	9.9	9.9	9.9				brkn & gougey // S ₂
F	17489		17530		N,NW												no core - hole deepened from here
F	17530		17566		RIG	1								9.9	9.9	9.9	16% recovery rubble & gouge lower contact // S ₂
F			17190		1IG					3.5	1.2	0					fracture controlled gouge
F	17570		17580		R												rubble / fracture 30° C.A.
F	17580		17610		XJS												brk & fractural
F			17630		B												broken core
F			17685		B												broken core
F			17855		JQ					2.0	1.8	0					CO ₂ ⁻ fracture
F			17870		JQ					4.5	3.1	5					CO ₂ ⁻ fracture
F	17909		18024		XIQ												brk & network veins by pt-CO ₂ ⁻
F	18024		18035		XI												brk
F	18042		18052		R												rubbled
F	18113		18329		FIGR												90% gouge, rubble, 1000
F	18179		18186		Q												1000
F	19130		19130		5IG												gouge
F			19191		5JIG					5.0	3.1	5					fracture controlling minor gouge
F			18086		1IG					9.9	9.9	9.9					minor gouge // S ₂
F	19130		19134		4XIR												brk & ruggy, rubbled
F	19134		19136		0R												rubbled
F	19136		19138		0XIQ												pyrite + CO ₂ ⁻ healed crackle brk
F	19138		19170		V					3.0	1.8	0					fracture system
F			19131		01IG					9.9	9.9	9.9					small gouges // S ₂
F			19154		0JQ					1.5	1.8	0					CO ₂ ⁻ - filled fractures

GEOTECHNICAL LOG

Feet

HANGINGWALL		GRAPHIC LOG	INTERVAL	QUALITY	RQD	AVERAGE PARTING (cm)	LITHOLOGY	NOTES
10	3		527.2	Relatively competent Broken on S ₂	$\frac{0}{30}$	30m	5BZ (5A19)	
0	0	ORE	537.2		SIZE OF CORE			
0	0		562.0	competent	$\frac{2.3}{3.0}$	150m	5B0 5B5	
10	3		572.0					

HANGINGWALL

feet

0

0

10

LOG

ORE

metres

3

2

1

0

0

1

2

3

INTERVAL

QUALITY

RQD

AVERAGE PARTING (cm)

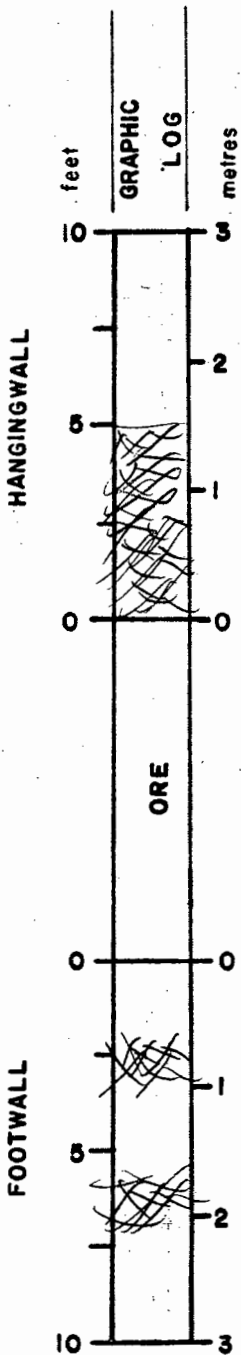
LITHOLOGY

NOTES

SIZE OF CORE

GEOTECHNICAL LOG

feet



INTERVAL	QUALITY	RQD	AVERAGE PARTING (cm)	LITHOLOGY	NOTES
646	competent	$\frac{30}{115}$	3cm #1	5B0 (5B2)	
	Very Broken Incompetent	0	gouge & rubble		
656.		SIZE OF CORE			
682	Moderately incompetent	$\frac{0}{30}$	3cm 0 3cm 0 3cm	5B6 ±2	
692					

GEOTECHNICAL LOG

Feet

HANGINGWALL		GRAPHIC LOG	feet	metres	INTERVAL	QUALITY	RQD	AVERAGE PARTING (cm)	LITHOLOGY	NOTES
			10	3	892.4	COMPETENT	$\frac{1.5}{3.0}$	18 cm	5B2D	
			0	0	802.4		SIZE OF CORE			
		ORE	0	0	806.0	Moderately Competent	$\frac{1.2}{3.0}$	1/2 cm - 10 cm avg 3cm	5A0	Note bad fault zone just below 816
FOOTWALL			5	1		Minor broken core			5B2? Fault	
			10	3	816.0					

GEOTECHNICAL LOG

Feet

HANGINGWALL		GRAPHIC LOG	feet	metres	INTERVAL	QUALITY	RQD	AVERAGE PARTING (cm)	LITHOLOGY	NOTES
			10	3	831.6	Moderately competent	$\frac{.62}{3.0}$	5cm	5B2	Note bad fault zone just above 831.6
			0	0	841.6		SIZE OF CORE BQ			
FOOTWALL		ORE	0	0	859.7	COMPETENT	$\frac{1.56}{3.0}$	10cm	5B2	
			10	3	869.7					

GEOTECHNICAL LOG

Feet

HANGINGWALL		GRAPHIC LOG	metres	INTERVAL	QUALITY	RQD	AVERAGE PARTING (cm)	LITHOLOGY	NOTES
10		X	3	920.8	Moderately comp	11/3.0	5cm	5B2	
5		X	2		Minimal broken core				
0		X	1						
0		X	0	930.8					
ORE						SIZE OF CORE			
						BQ			
0		X	0	938	→ gang Moderately comp	1/3.0	4cm	5B2 (5A0)	
5			1						
10			2						
			3	948					

FOOTWALL

DIAMOND DRILL RECORD

LOGGED BY _____

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

D.D.H. No. A - 4 PAGE 3 of 8

CLAIM No. _____

DIRECTION AND DISTANCE FROM

NE. CLAIM POST

FOOTAGE		DESCRIPTION	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY					
FROM	TO			FROM	TO		Pb	Zn	Ag	Cu	Au	
345	112.8 370	Few inches broken QUARTZ, then CHLORITE PHYLLITE (or altered GREENSTONE?) core angle 50° grades to GREY PHYLLITE at base.	C									
370	122.2 401	GREY PHYLLITE, considerably faulted and broken up with QUARTZ, some GRAPHITE core angle 70° at 381'.	S(g)									
401	124.9 410	Mixed ALTERED GREENSTONE (?), GRAPHITE, GREY PHYLLITE, all contorted.	G									
410	127.1 417	GREY PHYLLITE.	S									
417	132.3 434	Some PYRITE ETC. 418-419, then CHLORITIC PHYLLITE, core angle 70-80°.	C									
434	145.7 478	SERICITE PHYLLITE (BLEACHED ZONE), some fracturing, GRAPHITE, QUARTZ 443-444.	S(g)									
478	149.9 492	Start of bands of PYRITE at 478, BRECCIA by 481-492 with minor GALENA, SPHALERITE, minor CHALCOPYRITE, and PYRITE etc. Ag/Pb .60	P	3402	415.6 m 478	149.9 492	10	.10	.16	.06	.04	.005

DIAMOND DRILL RECORD

LOGGED BY _____

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



D.D.H. No. A - 4 PAGE 4 of 8
 CLAIM No. _____
 DIRECTION AND DISTANCE FROM
 NE. CLAIM POST

FOOTAGE		DESCRIPTION	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY					
FROM	TO			FROM	TO		Pb	Zn	Ag	Cu	Au	
492	151.5 497	SERICITE PHYLLITE (BLEACHED ZONE), grades to GREY PHYLLITE by 497, core angle 45-90°.	S									
497	156.5 513.5	GREY PHYLLITE 502-503 GRAPHITIC.	G									
513.5	156.9 515	SERICITE BLEACHED ZONE with increasing sulphides (PYRITE)	S									
515	160.6 527	BRECCIA similar to above but more sulphides. Ag/Pb .40	Δ Δ	3403	515	527	12	.30	.25	.12	.08	.005
527	163.4 536	Varyingly GRAPHITIC to pure GRAPHITE.	G									
536	163.8 537.5	GRAPHITIC PHYLLITE with considerable PYRITE, PYRRHOTITE (?)	G									
537.5	164.1 538.5	BRECCIA with sulphides.	Δ P									

12
 12
 12

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

LATITUDE _____

BEARING OF HOLE _____

STARTED _____

DEPARTURE _____

DIP OF HOLE _____

COMPLETED _____

ELEVATION _____

DIP TESTS _____

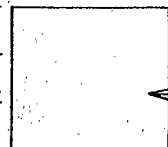
Proposed:
DEPTH Ultimate: _____

D.D.H. No. A - 4 Deepened PAGE 2 of 5

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		
802.4	246.7 806	MASSIVE SULPHIDES															
		Pyrite with minor PbZn (0.5%) and fragments of qtz-graph phy. Breccia re-cemented but subsequent fracturing causes rock to be easily broken. Upper contact irregular approx. 65°, lower contact sharp at 50°. 65 py.	2.7	978	249.57 802.4	445.47 806	3.6	1.60	1.76	.98	Pb/Zn .91						
806	256.6 841.7	QUARTZ-GRAPHITE-SERICITE PHYLLITE / SHEAR AND FAULT ZONE	3.5/ 3.5		806	809.5											
		Upper section totally graphitic. From 822' down graphitic becomes less with increasing buff or grey sericite. Main fault zone lies between footages 813 - 825. Adjoining rocks highly sheared except from 833 - 841.7'. Negl: 06, PbZn C.A. 80 - 85 at 831'; 75 at 833'; 70 at 834'; 60 at 835'; 75 at 837'; 70 at 838 - 841'.	2.7/ 3.5			813											
			5.3/ 13.0			826											
			4.2/ 5.5			831.5											
			3.5/4 6/6.2			835.5 841.7											
841.7	261.9 859.4	SULPHIDE ZONE IN QUARTZ-SERICITE-GRAPHITE PHYLLITE															
		Banded, siliceous phyllite - 75% to 80% Qtzose-fels, 15% py, 0.1 - 0.5 PbZn, minor chenco. Med. grey ser occur as flakes and thread like foliations, graph is minor constit-ent. Band of mass. sulphs 60 py, 8 PbZn occur at 855.9 - 858.2. Fl mod. developed. Fl nose at 845.4. Also 0.1' bands buff sericite. C.A.: slip contact at 25 at 841.7'; 60 - 70 undulating at 842'; 50 at 843'; 60 at 844'; 70 at 846'; 65 at 853'; 60 at 854'; 70 at 856'; 75 at 858 - 859'.	9.2	979	251.55 841.7	850.9	9.2	.18	.39	.18	Pb/Zn .46	5.24	PbZn				
			5.0	980	260.88 855.9	855.9	5.0	.40	.96	.29	.41	6.80	"				
			2.3	981	261.57 858.2	858.2	2.3	4.35	5.34	1.88	.81						
			1.2	982	261.9 859.4	859.4	1.2	.63	.74	.32	.85						
				Wt. Av	841.7	855.9	14.2	0.8	PbZn			12.04	PbZn				

FAGA011

DRILL HOLE : FAGA011
NORTHING : 904,901.2
EASTING : 592,217.0
ELEVATION : 1,281.4
TOTAL DEPTH : 249.9
SECTION : W 74
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS CRE-SAMPLES: 23
NOS DOWN-H-SURVEYS: 5
NOS DOWN-H-LITHOLOGY: 95
NOS DOWN-H-STRUCTURE: 89
NOS DOWN-H-FAULTS: 20
NOS DOWN-H-SPLINES: 5
NOS COMPOSITES: 0

DDH: FAGA011 UTM-N: 9C4,9C1.2 UTM-E: 592,217.0 UTM-ELPV: 1,281.4 TOTAL DEPTH: 249.9 SECTION: W 74
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

---DEPTHS---		SAMPLE NO.	INT. REC.	ROCK UNIT	S.G. PULP	---ASSAYS---													
FROM	TO					CU %	PE %	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.
115.5	116.0	08990	.5	.5 4C8	3.93	.24	1.90	2.70	39.00		.69	8	21	30					
116.0	116.3	08991	.3	.2 4G4	4.49	.07	4.80	9.00	94.00		.69		3	3					
116.3	116.8	08992	.5	.4 4E84	4.53	.15	6.90	4.60	96.00		1.23	1	36	38					
116.8	118.0	08993	1.2	1.1 4G4	4.51	.07	6.40	8.30	110.00		.62	2	13	15					
119.2	120.4	08994	1.2	1.2 4E81	3.65	.14	2.05	2.90	35.00		.62	6		6					
121.6	122.5	08995	.9	.9 4E#	3.89	.18	1.77	1.34	38.00		1.37	4	25	29					
123.9	127.7	90342	3.8	.0 4L0		.21	1.95	1.26		38.40	.34								
133.1	134.3	08996	1.2	1.1 4LH	3.12	.10	.65	.58	12.00		.34	9	4	14					
135.9	138.2	90343	2.3	.0 4LH		.03	.28	.27		7.50									
150.4	152.4	90344	2.0	.0 4EL4		.15	4.88	3.84		32.90	.34								
152.4	154.2	90345	1.8	.0 4EL4		.20	4.20	3.90		26.70	.17								
178.0	180.3	90346	2.3	.0 4GE4		.15	6.00	9.40		112.40	1.37								
180.2	182.6	90347	2.4	.0 4G4		.20	8.74	13.50		156.30	1.37								
211.2	211.8	08997	.6	.6 4E#	4.13	.30	1.91	2.40	35.00		1.17	2	30	33					
211.8	212.2	08998	.4	.3 4A3	3.60	.25	1.53	1.83	30.00		1.03	4	20	25					
212.2	212.9	08999	.7	.5 4E#4	4.20	.17	3.60	3.70	58.00		1.17	3	30	33					
212.9	214.6	09000	1.7	1.7 4A1	3.31	.19	.42	.76	13.00		.55	5	9	15					
222.1	223.1	09051	1.0	.9 4C7	3.68	.19	1.03	1.02	32.00	33.00	.27	13	12	26					
223.1	223.7	09052	.6	.6 4A1	2.91	.07	.12	.31	7.00		.27	4	3	8					
223.7	224.9	09053	1.2	1.2 4H0	3.72	.17	.42	.45	18.00		.41	13	16	29					
224.9	225.6	09054	.7	.6 4A1	3.10	.13	.36	.43	15.00		.27	3	9	12					
225.6	226.5	09055	.9	.5 4A14	3.22	.06	3.80	5.90	60.00		.75	2	6	9					
226.5	227.3	09056	.8	.8 4D4	3.34	.10	5.00	8.80	70.00		1.23	2	8	10					

WEIGHTED AVERAGE

115.5	118.0	2.5	2.2	4.39	.12	5.40	6.52	91.08		.76	3	18	21						
119.2	120.4	1.2	1.2	3.65	.14	2.05	2.90	35.00		.62	6		6						
121.6	122.5	.9	.9	3.89	.18	1.77	1.34	38.00		1.37	4	25	29						
123.9	127.7	3.8	.0		.21	1.95	1.26		38.40	.34									
133.1	134.3	1.2	1.1	3.12	.10	.65	.58	12.00		.34	9	4	14						
135.9	138.2	2.3	.0		.03	.28	.27		7.50										
150.4	154.2	3.8	.0		.17	4.55	3.86		29.96	.25									
178.0	180.3	2.3	.0		.15	6.00	9.40		112.40	1.37									
180.2	182.6	2.4	.0		.20	8.74	13.50		156.30	1.37									
211.2	214.6	3.4	3.1	3.67	.21	1.46	1.78	28.14		.84	4	18	23						
222.1	227.3	5.2	4.6	3.39	.12	1.78	2.76	34.28	6.34	.53	7	10	17						

COH: FAGAD11

UTM-N: 904,901.2
RFE: S2 RFE DIR:

UTM-E: 592,217.0
PLUNGE ANGLES:

UTM-ELEV: 1,281.4
11 312 DHD CALC:

TOTAL DEPTH:
1 SS CALC: 1

249.9 SECTION: W 74

DEPTH	Z-NITH	AZIMUTH
0.000	180.000	0.000
61.000	175.300	67.000
121.900	172.200	74.000
182.900	171.700	53.000
237.700	170.000	83.000

12 APR 84 GRUM

CORE SAMPLES & LOGS (CONT'D)
DOWN-HOLE LITHOLOGY (DHO20)

PAGE: 4

DDH: FAGA011 UTM-N: 904,901.2 UTM-E: 592,217.0 UTM-ELEV: 1,281.4 TOTAL DEPTH: 249.9 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHO CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
3.7	0001	#		0.5-	1
19.2	0002	5B0		0.5-	1
21.2	0003	5A3	[5A3\$]	0.5-	1
23.0	0004	5B0		0.5-	1
23.3	0005	5A0		0.5-	1
24.4	0006	5B0\$	[5B0&]	0.5-	1
24.7	0007	5A3		0.5-	1
34.9	0008	5B0		0.5-	1
35.2	0009	5A3		0.5-	1
52.7	0010	5B80		0.5-	1
53.9	0011	5A3		0.5-	1
54.3	0012	5D6		0.5-	1
55.3	0013	5B2	84	0.5-	1
56.1	0014	5A3		0.5-	1
62.2	0015	5B8		0.5-	1
62.5	0016	5A3		0.5-	1
66.1	0017	5B80		0.5-	1
66.4	0018	5C3		0.5-	1
66.9	0019	5B86		0.5-	1
67.0	0020	5C3		0.5-	1
70.9	0021	5B20	8 \$?	0.5-	1
71.6	0022	5D6		0.5-	1
72.5	0023	5C*		0.5-	1
72.8	0024	5D6		0.5-	1
77.1	0025	5B20	8 \$?	0.5-	1
78.7	0026	5A09		0.5-	1
79.6	0027	5B20	8 \$?	0.5-	1
79.9	0028	5A09		0.5-	1
82.0	0029	5B20	8	0.5-	1
85.0	0030	5B2*	8	0.5-	1
86.6	0031	5A09		0.5-	1
88.1	0032	5B20	8	0.5-	1
91.3	0033	5B2*	84	0.5-	1
95.6	0034	4L5	AFTER 5B*?	0.5-	1
96.9	0035	5B46		0.5-	1
101.1	0036	5B26	8*	0.5-	1
101.5	0037	5A3		0.5-	1
101.7	0038	5D6		0.5-	1
102.7	0039	5B24	6	0.5-	1
102.9	0040	5D*		0.5-	1
112.8	0041	5A39		0.5-	1
113.1	0042	5D*		0.5-	1
114.2	0043	5B21	6	0.5-	1
115.2	0044	5A3	(5D0)	0.5-	1
115.5	0045	10009		0.5-	1
116.0	0046	4C8		0.5-	1
116.3	0047	4G4		0.5-	1
116.6	0048	4E0E		0.5-	1
116.8	0049	4E4E	86?	0.5-	1
118.0	0050	4G4		0.5-	1
119.2	0051	5C4E		0.5-	1

DJH: FAGA011 UTM-N: 9C4,901.2 UTM-E: 592,217.0 UTM-ELEV: 1,281.4 TOTAL DEPTH: 249.9 SECTION: W 74
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	INC
119.5	OC52	4E0	81 88 84	0.5-	1
120.0	OC53	5C4E		0.5-	1
120.4	OC54	4E81		0.5-	1
121.6	OC55	5D4*		0.5-	1
122.5	OC56	4E#	84 (4L1 84) MINOR	0.5-	1
124.8	OC57	5C4E		0.5-	1
129.8	OC58	4L0		0.5-	1
130.5	0059	5DC		0.5-	1
133.1	OC60	5B4E		0.5-	1
138.5	OC61	4LC	(4H0) MINOR	0.5-	1
140.8	OC62	5B6		0.5-	1
141.2	0063	4L24	(4E4) MINOR	0.5-	1
147.7	OC64	5B2*		0.5-	1
148.9	OC65	4L24	AFTER 5B	0.5-	1
150.4	0066	5B6	-> 5B26	0.5-	1
154.2	0067	4E4	(5D4*) [4EL] NO CORE	0.5-	1
157.9	OC68	5B*	(4L0) (10Q0) BOTH MINOR	0.5-	1
161.1	0069	5DC	(5D40) AT TOP	0.5-	1
166.4	0070	5B80		0.5-	1
168.9	0071	5DC		0.5-	1
172.1	OC72	5B6\$	88 8C MINOR	0.5-	1
178.0	OC73	5B6	82	0.5-	1
179.5	0074	4G4	NO CORE	0.5-	1
180.4	OC75	4E4	NO CORE	0.5-	1
182.6	OC76	4G4	NO CORE	0.5-	1
182.9	OC77	5D4*		0.5-	1
188.4	OC78	5B6\$	82 [5A6 89 IN 1980]	0.5-	1
198.7	OC79	5B6	82 [5B26 -> 5A6 CCHN]	0.5-	1
199.1	OC80	5B6\$	88	0.5-	1
199.7	0081	5D4*	(5B8* ULTRA C03)	0.5-	1
209.4	OC82	5B6\$	88 [5B7@ IN 1980]	0.5-	1
211.2	OC83	5B6	82	0.5-	1
211.8	0084	4E#		0.5-	1
212.2	OC85	4A3	84	0.5-	1
212.9	OC86	4E#		0.5-	1
214.6	0087	4A0	84	0.5-	1
222.1	0088	5B6\$	82 [5B62\$] [5A IN 1980]	0.5-	1
223.1	0089	4C7	(4H12 BXA)	0.5-	1
223.7	0090	4A0C	-> 5A0 ?	0.5-	1
224.9	OC91	4H0	BXA	0.5-	1
225.6	OC92	5B6		0.5-	1
227.4	OC93	4D0	-> 4D4 (4A43)	0.5-	1
234.7	OC94	3G0	[5B6 84 (4L0)]	0.5-	1
249.9	OC95	5B6\$	82 80 TOWARDS E.O.I.	0.5-	1

DDH: FAGAC11 UTM-N: 9G4,901.2 UTM-E: 592,217.0 UTM-ELEV: 1,281.4 TOTAL DEPTH: 249.9 SECTION: W 74
 RFE; S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DMC CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE DIRECT	S1 ANGLE DIRECT	S2 ANGLE DIRECT	RFE	CDE	DMCC	SOC	PROCESS	
FAGA011	0.0	4.3	CS2		0	0	0	69	230	C	1	1	1
FAGA011	0.0	8.2	CS2		0	0	0	70	230	C	1	1	1
FAGA011	0.0	10.7	CS2		0	0	0	75	230	C	1	1	1
FAGA011	0.0	12.2	CS2		0	0	0	70	230	C	1	1	1
FAGA011	0.0	13.7	CS2		0	0	0	70	230	C	1	1	1
FAGA011	0.0	15.2	CS2		0	0	0	70	230	C	1	1	1
FAGA011	0.0	19.8	CS2		0	0	0	70	230	C	1	1	1
FAGA011	0.0	24.4	CS2		0	0	0	70	230	C	1	1	1
FAGA011	3.7	26.7	CS2	S	0	0	0	0	0	C	1	1	1
FAGA011	0.0	29.0	CS2		0	0	0	76	230	C	1	1	1
FAGA011	26.7	31.9	CS2	Z	0	0	0	0	0	C	1	1	1
FAGA011	0.0	35.0	CS2		0	0	0	75	230	C	1	1	1
FAGA011	31.9	38.2	CS2	S	0	0	0	0	0	C	1	1	1
FAGA011	0.0	41.1	CS2		0	0	0	73	230	C	1	1	1
FAGA011	0.0	45.8	CS2		0	0	0	74	230	C	1	1	1
FAGA011	38.2	48.5	CS2	M	0	0	0	0	C	C	1	1	1
FAGA011	0.0	50.3	CS2		0	0	0	66	230	C	1	1	1
FAGA011	48.5	52.6	CS2	Z	0	0	0	0	0	C	1	1	1
FAGA011	0.0	54.1	PS2		0	0	0	73	230	C	1	1	1
FAGA011	52.6	55.6	PS2	P	0	0	0	0	0	C	1	1	1
FAGA011	0.0	56.2	CS2		0	0	0	70	230	C	1	1	1
FAGA011	55.6	59.6	CS2	Z	0	0	0	0	0	C	1	1	1
FAGA011	0.0	61.9	CS2		0	0	0	84	230	C	1	1	1
FAGA011	59.6	63.9	CS2	S	0	0	0	0	0	C	1	1	1
FAGA011	0.0	65.6	CS2		0	0	0	72	230	C	1	1	1
FAGA011	0.0	68.3	CS2		0	0	0	77	230	C	1	1	1
FAGA011	0.0	73.8	CS2		0	0	0	71	230	C	1	1	1
FAGA011	63.9	74.4	CS2	Z	0	0	0	0	0	C	1	1	1
FAGA011	0.0	74.9	CS2		0	0	0	67	230	C	1	1	1
FAGA011	74.4	76.2	CS2	S	0	0	0	0	0	C	1	1	1
FAGA011	0.0	77.1	CS2		0	0	0	72	230	C	1	1	1
FAGA011	76.2	78.2	CS2	Z	0	0	0	0	0	C	1	1	1
FAGA011	0.0	82.4	CS2		0	0	0	57	230	C	1	1	1
FAGA011	78.2	84.0	CS2	S	0	0	0	0	0	C	1	1	1
FAGA011	0.0	84.4	CS2		0	0	0	70	230	C	1	1	1
FAGA011	84.0	84.7	CS2	Z	0	0	0	0	0	C	1	1	1
FAGA011	0.0	88.8	CS2		0	0	0	79	230	C	1	1	1
FAGA011	84.7	92.2	CS2	S	0	0	0	0	0	C	1	1	1
FAGA011	0.0	93.1	CS2		0	0	0	75	230	C	1	1	1
FAGA011	92.2	93.9	CS2	Z	0	0	0	0	0	C	1	1	1
FAGA011	0.0	97.5	CS2		0	0	0	80	230	C	1	1	1
FAGA011	0.0	102.3	CS2		0	0	0	72	230	C	1	1	1
FAGA011	0.0	107.9	CS2		0	0	0	80	230	C	1	1	1
FAGA011	0.0	112.2	CS2		0	0	0	64	230	C	1	1	1
FAGA011	0.0	113.6	CS2		0	0	0	70	230	C	1	1	1
FAGA011	93.9	115.2	CS2	S	0	0	0	0	0	C	1	1	1
FAGA011	0.0	118.1	PS2		0	0	0	70	230	C	1	1	1
FAGA011	0.0	122.7	PS2		0	0	0	70	230	C	1	1	1
FAGA011	0.0	126.8	PS2		0	0	0	78	230	C	1	1	1
FAGA011	115.2	128.6	PS2	P	0	0	0	0	0	C	1	1	1
FAGA011	0.0	131.4	CS2		0	0	0	72	230	C	1	1	1

DDH: FAGAC11 UTM-N: 904901.2 UTM-E: 592217.0 UTM-ELEV: 1281.4 TOTAL DEPTH: 249.9 SECTION: W 74
 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
FAGA011	0.0	138.4	CS2		0	0	75	230	C	1	1	1
FAGA011	0.C	142.6	CS2		0	0	65	230	C	1	1	1
FAGA011	0.C	146.9	CS2		0	0	70	230	C	1	1	1
FAGAC11	0.C	150.3	CS2		0	0	65	230	C	1	1	1
FAGA011	128.6	150.4	CS2	S	0	0	0	C	C	1	1	1
FAGA011	150.4	154.2	PS2	P	0	0	0	C	C	1	1	1
FAGAC11	0.C	154.9	CS2		0	0	70	230	C	1	1	1
FAGA011	0.C	159.4	CS2		0	0	73	230	C	1	1	1
FAGA011	0.0	163.1	CS2		0	0	73	230	C	1	1	1
FAGA011	154.2	165.5	CS2	S	0	0	0	C	C	1	1	1
FAGA011	0.C	166.0	CS2		0	0	72	230	C	1	1	1
FAGA011	165.5	166.4	CS2	Z	0	0	0	C	C	1	1	1
FAGA011	0.C	170.4	CS2		0	0	71	230	C	1	1	1
FAGAC11	0.C	174.9	CS2		0	0	74	230	C	1	1	1
FAGAC11	0.C	175.7	CS2		0	0	42	230	C	1	1	1
FAGAC11	166.4	178.0	CS2	M	0	0	0	C	C	1	1	1
FAGA011	178.C	182.9	PS2	P	0	0	0	C	C	1	1	1
FAGA011	0.C	183.2	CS2		0	0	73	230	C	1	1	1
FAGA011	0.0	187.8	CS2		0	0	72	230	C	1	1	1
FAGA011	0.C	192.5	CS2		0	0	65	230	C	1	1	1
FAGAC11	0.C	196.6	CS2		0	0	66	230	C	1	1	1
FAGAC11	0.C	201.2	CS2		0	0	75	230	C	1	1	1
FAGA011	0.C	205.3	CS2		0	0	70	230	C	1	1	1
FAGA011	0.C	209.7	CS2		0	0	70	230	C	1	1	1
FAGA011	182.9	211.2	CS2	M	0	C	0	C	C	1	1	1
FAGA011	211.2	214.6	PS2	P	0	0	0	C	C	1	1	1
FAGA011	0.C	217.8	CS2		0	0	65	230	C	1	1	1
FAGA011	0.C	220.1	CS2		0	0	65	230	C	1	1	1
FAGA011	214.6	221.9	CS2	M	0	C	0	C	C	1	1	1
FAGAC11	0.C	228.4	PS2		0	0	45	230	C	1	1	1
FAGA011	221.9	234.4	PS2	P	0	0	0	C	C	1	1	1
FAGA011	0.C	234.9	CS2		0	0	67	230	C	1	1	1
FAGAC11	234.4	235.6	CS2	Z	0	0	0	C	C	1	1	1
FAGA011	0.0	239.3	CS2		0	0	72	230	C	1	1	1
FAGA011	235.6	243.2	CS2	S	0	0	0	C	C	1	1	1
FAGA011	0.0	243.8	CS2		0	0	74	230	C	1	1	1
FAGA011	0.C	248.4	CS2		0	0	80	230	C	1	1	1
FAGAC11	243.2	249.9	CS2	M	0	0	0	C	C	1	1	1

DDH: FAGA011 UTM-N: 904,901.2 UTM-E: 592,217.0 UTM-ELEV: 1,281.4 TOTAL DEPTH: 249.9 SECTION: W 74
 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	
FAGA011	3.6	13.1	BP				0	0	C	0	1
FAGAC11	13.1	19.2	B				0	0	C	0	1
FAGA011	23.0	23.2	B				0	0	C	0	1
FAGA011	52.7	53.9	B				C	0	C	0	1
FAGA011	54.3	55.3	B				0	0	C	0	1
FAGA011	56.0	60.9	S				0	0	C	0	1
FAGA011	66.4	66.8	B				0	0	C	0	1
FAGA011	115.5	116.0	BR?				0	0	C	0	1
FAGAC11	117.9	119.1	Q				0	0	C	0	1
FAGA011	122.5	124.8	B				0	0	C	0	1
FAGA011	150.2	154.2	NNN				0	0	C	0	1
FAGAC11	150.2	154.2	DX?				C	0	C	0	1
FAGAC11	161.0	166.4	BP	2			0	0	C	0	1
FAGA011	178.0	182.8	NNN				0	0	C	0	1
FAGA011	210.6	211.2	G	2			0	0	C	0	1
FAGA011	221.8	225.5	D?				0	0	C	0	1
FAGA011	225.5	226.4	GB				0	0	C	0	1
FAGA011	227.3	231.1	B				0	0	C	0	1
FAGA011	225.5	231.6	F				0	0	C	0	1
FAGA011	231.8	234.3	BG				0	0	C	0	1

DDH: FAGAC11 UTM-N: 904,901.2 UTM-E: 592,217.0 UTM-ELEV: 1,281.4 TOTAL DEPTH: 249.9 SECTION: W 74
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DDH SEGMENT NOS COND INDICATOR

FAGAC11	1	2
FAGAC11	2	2
FAGAC11	3	2
FAGAC11	4	2
FAGAC11	5	1

CYPRUS ANVIL MINING CORPORATION

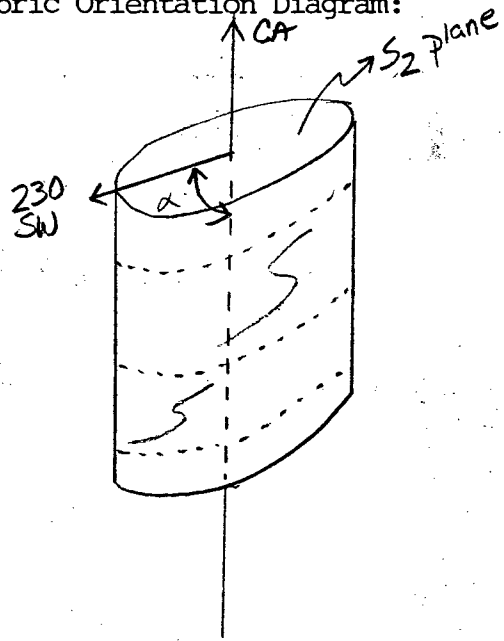
DIAMOND DRILL CORE LOG

Hole Number: 74-A11

Fabric Orientation Diagram:

Project: Grum Reing

Location: Vangorda Plateau



Claim: _____

UTM Terr. Plane Co-ords.: 6904901.2069 N

1979 HIW Survey (Orthophoto) 592216.9598 E

Grid Co-ords.: 74W / 05

All symmetry determinations looking

NW with S₂ dipping

SW with dip azimuth 230.

Elevation: 1281.44

Total Depth: 820 ft

Purpose: _____

Re Logged by: JSM Date(s) Logged: July 7, 8, 9, 11 1980

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

3Q 12 820

Started: June 1, 1974 Completed: June 6, 1974

Code	From		To		Unit		Code	Description
	10	14	16	20	22	23			25	27
		100		1120	11			O/B note 45ft core lost? in 1st 43ft
L		120		1630	12		5B10	strongly calc, irreg cc veins, minor po blebs, OGO @ 60'
L		1630		1695	13		5A13	strongly calc, crenulations as in 4A but no sfs, only buffoxide
L		1695		1755	14		5B10	as unit 2
L		1755		1764	15		5A13	slightly calc, fractured
L		1764		1800	16		5B10	FeCO ₃
L		1800		1811	17		5A13	strongly calc
L		1811		11145	18		5B10	as unit 2, OGO @ 1025'
L		11145		112155	19		5A13	strongly calc, sharp etcs, minor py
L		112155		12730	20		5B10	strongly calc, minor irreg cc. veins
L		12730		12770	21		5A13	broken
L		12770		12782	22		5D16	massive green
L		12782		12815	23		5B12	buggered interval: OGO, broken, 5B → 4L
L		12815		12840	24		5A13	
L		12840		121040	25		5B18	abundant OGO w/ carbonate, broken rec. to 200'
L		121040		121050	26		5A13	strongly calc, sharp etcs
L		121050		121167	27		5B18	strongly calc, not as green as 5B10 can be
L		121167		121179	28		5D13	altered ash flow crystal buff? porod. texture; buff altered
							5C13	mt / fspar phenocrysts? (now CO ₃) matrix chloritic w/ texture of flattened glass shards (?) Top + bottom of flow(?) = xl-poor, + strongly calc; center rich in xls + only slightly calc. "gritty" 5D, altered 5C?
L		121179		121194	29		5B18	6 broken
L		121194		121199	30		5D13	as the top & bottom of unit 18, this is similar to
							5C3	mt "mottled" 5D
L		121199		121325	31		5B12	8 calc, strong color banding, occasional 1/4" bands of massive green 5D3, OGO @ 255
L		121325		121348	32		5D16	massive, lt. green. 0.5 ft OGO w/ CO ₃ @ 233
L		121348		121377	33		5D16	as unit 18 but non-calc. Center of flow(?) is "gritty"
							5C3	mt w/ phenocrysts; top + bottom → mottled 5D
L		121377		121390	34		5D16	as unit 22
L		121390		121530	35		5B12	8 calc to strongly calc; as unit 21. Note both 21 & 25 have brown oxide staining. I'm assuming the Fe is from chlorite though when the stain is cleaned off w/ acid only minimal chlorite visible.
L		121530		121581	36		5A13	9 minor py texture sharp lower etc

Code	From		To		Unit		Code	Description
	10	14	16	20	22	23			25	27
L	12581		12612		27	5B	28	as units 21, 25 minor py blebs
L	12612		12622		28	5A	39	as unit 26
L	12622		12790		29	5B	28	as units 21, 25, 27 strongly calc to 272.3 then weakly calc, FeCO ₃
L	12790		12840		30	5A	39	as unit 26, 28
L	12840		12995		31	5B	28	unit begins as 5B28, as unit 29 becomes more siliceous downward, w/ v. minor white mica also 287.5-288.5 OGD w/ CO ₂ + dissem py strongly calc to 289, then FeCO ₃ irregular cc veins
L	12995		13113		32	4L	10	I think this is altered 5B. Minor Fe oxide laminae + veining, minor py blebs + stringers
L	13113		13180		33	5B	46	gradual transition between units 32 + 34
L	13180		13317		34	5B	26	only occasionally weakly calc - FeCO ₃
L	13317		13330		35	5A	3	
L	13330		13337		36	5D	16	w/ qtz-carb veining
L	13337		13368		37	5B	26	slight white mica devel + minor py could explain non-calc nature ie 5B246
L	13368		13376		38	5D	3	massive lt. green w/ FeCO ₃ bands
L	13376		13701		39	5A	39	strongly calc minor py
L	13701		13712		40	5D	3	massive green altering orange, weakly calc (FeCO ₃)
L	13712		13747		41	5B	26	siliceous banding gives "whiter" color
L	13747		13780		42	5A	3	minor interbd of 5D
L	13780		13790		43	0	0	w/ carbonate + dissem py
L	13790		13806		44	4C	18	this is a grungy interval; note 4L inclusions @ TOE, minor carbonate incl, v. minor red sphal + gal, 2- one inch mgt porphs @ 379.7; mgt blebs @ 380.5
L	13806		13814		45	4G	4	nice banded, w/ 30-40% (?) Barite, 15-20% PbZn (?) honey sphal > gal, minor py
L	13814		13827		46	4E	8	1-2% (?) PbZn
L	13827		13833		47	4E	4	maybe 4E46 but too little matrix to be sure. orange + red sphal > galena, mgt porphs ~ 3mm. 90% sphal 15% (?) PbZn
L	13833		13870		48	4G	4	as unit 45 Note: KA assays for units 44-48 12.64% PbZn
L	13870		13910		49	5C	4	massive lt. green altered slightly to sericite, w/ minor white blebs

Lithologic Log

Code	From	To	Unit	Code	Description
1	10 14 16	20 22 23	25 27		
					Highly disrupted by DQD
L	39.10	39.22	510	4E10	minor orange sphal + gal, minor mgt (+1 +8) ± 4
L	39.22	39.37	511	51C14	*ANK as unit 49
L	39.37	39.50	512	4E13	1/1
L	39.50	39.88	513	51D14	this could be 4LD; definitely from 5D through most of the interval, questionable at end.
L	39.88	4.020	514	4E*	calc 34 3% PbZn + (4L ± 4 @ 30cm) 60% sfd, minor phyllite partings
L	4.020	4.095	515	51D14	unit grades from highly sericite altered, to massive lt. green w/ FeCO ₃ + minor sericite, to mottled 5B, to massive-banded green w/ sericite + minor py (broken core).
L	4.095	4.257	516	4L10	normal amt of py, some of this seems to be from 5D but indefinite. last 0.6ft from 5B?
L	4.257	4.280	517	51D13	massive green, weakly calc
L	4.280	4.368	518	5B14	1/1
L	4.368	4.545	519	4L10	as unit 516 w/ 0.3ft massive po @ 453
L	4.545	4.620	610	51B16	
L	4.620	4.634	611	4L12	4 mass py center of unit w/ sphal + gal (minor)
L	4.634	4.846	612	51B12	FeCO ₃
L	4.846	4.884	613	4L12	4L altered 5B py w/ minor sphal; gal + cpy
L	4.884	4.935	614	51B16	→ 5B26 locally
L	4.935	5.060	615	4E1L	? No core KA sample # 2565 "mass. sfd w/ thin partings of sericite phyllite. py, sphal, cpy locally sfd banded + recemented by sfd. Buffankerite (?) in bxia zones." 8-9% PbZn
L	5.060	5.179	616	51B10	FeCO ₃ , 4L + DQD @ TOI minor py
L	5.179	5.284	617	51D13	5D34 @ TOI (massive buff orange), then massive-lt. green w/ no bands
L	5.284	5.460	618	51B18	strongly calc 1.0ft rec. 535.7-541.0 ^{1.0} / _{5.3}
L	5.460	5.540	619	51D13	strongly calc, massive lt. green
L	5.540	5.597	710	51B10	
L	5.597	5.609	711	51D13	possibly 5DB, green banded
L	5.609	5.645	712	51B10	
L	5.645	5.840	713	51B12	6
L	5.840	5.890	714	4G14	No core KA samples # 2567, 2568 15-22% PbZn
L	5.890	5.920	715	4E14	
L	5.920	5.990	716	4L14	

Code	From		To		Unit	Code	Description
	10	14	16	20				22	23	25	27
L	59.90		16000		77	5IC14	? No core "pale gr. mariposite sericite phyllite"
L	160.00		16180		78	5IA16	minor py
L	16180		16520		79	5B126	→ 5A @ EOI occasional QD veins
L	16520		16533		80	5B16	
L	16533		16552		81	5D16	
L	16552		16870		82	5B17	only weakly calc (FeO ₃ ?) equally SBD
L	16870		16930		83	5B10	weakly calc 691-693: 6" QD + mud. (fracture?)
L	16930		16950		84	4E1*	5 ^{CALL} minor PbZn
L	16950		16962		85	4A12	± 60% Sd (py) } 59% PbZn? KA assays
L	16962		16985		86	4E1*	5 ^{CALL} unit 84
L	16985		17041		87	4A11	± 5% Sd (py)
L	17041		17287		88	5A13	
L	17287		17318		89	4C17	400 w/ < 5% PbZn → bixiated mass py + po w/ qtz * CO ₃ cherts, minor late cpy [4K17?]
L	17318		17338		90	4A11	minor py only
L	17338		17380		91	4H10	mass po w/ qtz, ^{DOLO} clasts, minor 5A interbd, minor bixiated py w/ CO ₃ minor late cpy
L	17380		17410		92	4A11	bixiated w/ ^{LOW} py
L	17410		17460		93	4D10	→ 4D4 ~ 8% PbZn red sphal + gal. + (4A4) 5 ^{LOCALLY} BRECCIATED TOI to 743 [gouged, pitted + broken] EOI minor graphite (ie 4A4 w/ ~ 60% Sd)
L	17460		17583		94	5B16	minor sericite (ie white mica), minor QD, broken rec.
L	17583		17620		95	4L10	760.7 - 769 broken core and gouge
L	17620		18200		96	5B10	→ fault zone
							variably calc, minor QD, minor interbed of 5D@795 → 5B2 locally
							EOI H

NOTE: CORRECTIONS TO THIS LOG
By GAS/DSJ IN AUG/82
(see next page)

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
1	L 16819 5540	17215 5640			5B6A* ±0-8	minor calcite, dol dominant
2	L 17215 5640	17400 5840			5B6A ±2	top carb & shrd looking @ 504.5-565.0 but adj. to 000'± not reliable, all meta ^m textures normal, intact; only candidate for syn- meta ^m fault = 564.5 which isn't convincing or such eggs Skip Sulphides & 5C4*
3	L 18200 6000	18840 6180			5B6A* ±2	dker gray more carb.
4	L 18840 6180	198.7 6520	198.7		5B6A ±2	lighter gray [360±9] non-dol
5	L 198.7 6520	199.0 6530	199.0		5B6A* ±8	dol heavily carbonated - poss. fault separating this from above unit thus subbb zone @ contact
6	L 199.0 6530	199.7 6552	199.7		5D4A* (5B8* ultra carbonated)	
7	L 199.7 6552	209.4 6870	209.4		5B6A* ±8	as previous unit, ultracarbonated lt. whitish gray w/ buff weath. lithons; 8 minor
8	L 209.4 6870	211.2 6930	211.2		5B6A ±2	m. gray, minor 2 no carbonate fault @ 91-693 6" rec'd indeter.
						Sampled Sulphides
9	L 214.6 7041	222.1 7287	222.1		5B6A* ±2 [5B62*]	dk. gy → blk 52 folia 1-2cm thick c.f. 1st unit 554-5645 not as dol. from 717 → EOI
						Sampled Sulphides
	L 222.1 7460	234.7 7700			3G0	v. blk. & coarse d - reverse bed Make Believe situation 678; lower approx
	L 234.7 7700	249.9 8200			5B6A* ±2	dol excell ± 2 thin dk. gray 52 ll folia & excell lithon struct. whly calc. → base of interval but only locally (299" & 803-804) clearly dol. dom. — OK for EO, but dol- milit

Sam
L22

Structural Log

Code	From		To		Feature	S ₁ Dip Direct.	S ₂ Dip Direct.	Description
	10	14	16	20				
S			120					OB
S			140		CS2		69 230	S region 12.0 - 87.7
S			270		CS2		70 230	minor Z sym and abundant D sym.
S			350		CS2		75 230	I think S ₂ is shifting orientation
S			400		CS2		70 230	or S ₁ + S ₂ shift around down dip
S			450		CS2		70 230	sym
S			500		CS2		70 230	
S			650		CS2		70 230	
S			800		CS2		70 230	
S			877		F2E			Z region 87.7 - 104.7
S			950		CS2		76 230	minor S & D sym
S			1047		F23			S region 104.7 - 125.4
S			1147		CS2		75 230	scattered D sym
S			1254		F2			M region 125.4 - 159.0
S			1350		CS2		73 230	65% S 35% Z scattered D
S			1502		CS2		74 230	
S			1590		F2M			Z region 159.0 - 172.5
S			1649		CS2		66 230	
S			1725		F2Z			P region 172.5 - 182.5
S			1776		P.S2		73 230	
S			1825		F2P			Z region 182.5 - 195.4
S			1844		CS2		70 230	
S			1954		F23			S region 195.4 - 209.6
S			2030		CS2		84 230	
S			2096		F2E			Z region 209.6 - 244.0
S			2152		CS2		72 230	mottled + a little SD w/ no crenulations
S			2240		CS2		77 230	included in this interval
S			2420		CS2		71 230	
S			2440		F23			S region 244.0 - 250.0
S			2450		CS2		67 230	
S			2500		F2E			Z region 250.0 - 256.4
S			2530		CS2		72 230	
S			2564		F23			S region 256.4 - 275.6
S			2702		CS2		57 230	
S			2756		F2E			Z region 275.6 - 279.0
S			2770		CS2		70 230	

Structural Log

Code	From		To		Feature	E ₁	S ₁		S ₂		Description
	10	14	16	20			22	24	26	28		32	34	38
S			2780		F2	3					S region 2780-302.5
S			2915		CS2				79	230	
S			3025		F2E						Z region 302.5-308.2
S			3055		CS2				75	230	
S			3082		F2	3					S region 308.2-378.0
S			3200		CS2				80	230	
S			3356		CS2				72	230	
S			3540		CS2				80	230	
S			3680		CS2				64	230	
S			3728		CS2				70	230	
S			3780		F2S						R region 378.0-421.9
S			3875		PS2				70	230	sfd's + 4L
S			4026		PS2				70	230	
S			4160		PS2				78	230	
S			4219		F2R						S region 421.9-493.5
S			4310		CS2				72	230	
S			4540		CS2				75	230	
S			4680		CS2				65	230	
S			4820		CS2				70	230	
S			4930		CS2				65	230	
S			4935		F2S						No core No sym sfd met test
S			5060		F2R						∴ prob. "R" 4935-506
S			5083		CS2				70	230	S region 506.0-543.0
S			5230		CS2				73	230	
S			5350		CS2				73	230	
S			5430		F2E						Z region 5430-546.0
S			5445		CS2				72	230	
S			5460		F2Z						M region 546.0-584
S			5590		CS2				71	230	not many observations, S, Z+P
S			5738		CS2				74	230	
S			5765		CS2				42	230	
S			5840		F2M						No core NO sym sfd's, prob. "R" 584-600
S			6000		F2R						M region 600.0-693
S			6010		CS2				73	230	not many obs. S, Z+P
S			6160		CS2				72	230	

Structural Log

Code	From		To		Feature	E S	S ₁		S ₂		Description
	10	14	16	20			22	24	26	28		32	34	38
S			631	6	CS2				65	230	
S			645	0	CS2				66	230	
S			660	0	CS2				75	230	
S			673	5	CS2				70	230	
S			688	0	CS2				70	230	
S			693	0	F2M						R region 693.0-704
S			704	0	F2R						M region 704-728
S			714	5	CS2				65	230	
S			722	0	CS2				65	230	
S			728	0	F2M						R region 728-769
S			749	5	PS2				45	230	FAULT ZONE 760.7-769
S			769	0	F2R						maybe even 740.0-769
											Z region 769.0-773.0
S			770	6	CS2				67	230	
S			773	0	F23						S region 773.0-798
S			785	0	CS2				72	230	
S			798	0	F2S						M region 798-820
S			800	0	CS2				74	230	
S			815	0	CS2				80	230	
S			820	0							FDH

ASSAY LOG (SAMPLER'S COPY)

Date 9 Aug/81 Sampled by _____

UNITS =
 FEET.

CODE	FROM		TO		SAMPLE		INTR.		REC (m)		UNIT	DESCRIPTION
	10	14	16	20	22	26	28	30	32	34			36	40	42
P	3770		3806		8990		116		116		ACB	
P	3806		3814		8991		108		106		AGA	
P	3814		3835		8992		119		116		AEB	+(4EB)
P	3833		3870		8993		137		137		AG4	
	3870		3911				40				SC4	LOW GRADE NOT SAMPLED // ASSAY = 0%
P	3911		3950		8994		140		139		AED	±18±4 +(SC4*-ANIK)
	3950		3988				138				SD4	LOW GRADE NOT SAMPLED // ASSAY = 0%
P	3988		4020		8995		132		129		AE*	+(4L±4)
P	4063		4119		2562		125				A1L01	+(5DA) // LOW GRADE - NOT SAMPLED SEE K.A. LOGS.
P	4368		4406		8996		138		139		A1L01	±4 5 REMAINDER OF 4L0 BARREN
P	4458		4535		2564		177				A1L01	LOW GRADE - NOT SAMPLED SEE K.A. LOGS.
P	4935		5010		2565		165				A1EL	? } WHOLE CORE SAMPLED BY K.A.
P	5016		5060		2566		160				A1EL	? } SEE K.A. LOGS (ASSAY GIVEN FOR Pb, Zn, Ag, Au, Cu)
P	5840		5915		2567		175				AG4	+(4EA) } WHOLE CORE SAMPLED BY K.A.
P	5915		5990		2568		175				AG4	+(4EA) } SEE K.A. LOGS.
	5990		6000				110				SC4	NO ASSAYS GIVEN - ASSUME 0%
P	6930		6950		8997		120		120		AE*	
P	6950		6962		8998		112		109		A1A11	±4
P	6962		6985		8999		123		118		AE*	
P	6985		7041		9010		156		156		A1A11	±4
P	7287		7318		9051		131		131		A1C7	
P	7318		7338		9052		120		119		A1A11	
P	7338		7380		9053		142		142		A1H01	BRECCIA
P	7380		7400		9054		120		120		A1A11	
P	7400		7430		9055		130		118		*	- DOMINANTLY GOUGE ZONE WITH ADA CLASTS
P	7430		7460		9056		130		125		A1D4	+(4A4)

Code	From				To				Sample No.	Length	Recovery	UNIT
	10	14	18	20	22	26	30	34				
P	137	90	138	70	125	59	KA	8.0	N.A.	4CB, 4G4, 4E0, 4E4, 4A4		
P	139	05	139	55	125	60	KA	5.0		4ED, 5D4, 4EB		
P	139	85	140	25	125	61	KA	4.0		4C0		
P	140	65	141	90	125	62	KA	12.5		5D4, 4L0		
P	143	70	144	10	125	63	KA	4.0		4L0 ? inter		
P	143	20	145	35	125	64	KA	21.5		5B4b, 4L0 ? sub		
P	149	35	150	00	125	65	KA	6.5		* 4EL ?		
P	150	00	150	65	125	66	KA	6.5		* 4EL ?		
P	158	40	159	15	125	67	KA	7.5		* 4G4, 4E4		
P	159	15	159	90	125	68	KA	7.5		* 4E4, 4G4		
P	169	30	170	00	125	69	KA	7.0		4ED, 4AD, 4ED, 4AD		
P	170	00	170	40	125	70	KA	4.0		4AD		
P	172	80	173	65	125	71	KA	8.5		4CA, 5A0, 4H0		
P	173	65	174	50	125	72	KA	8.5		4H0 5B6 4D0		

* No core KA met tests

NOTE: KA 2562 - 2568 assay tags replaced in DDH DATA BASE by 90.342 - 90.347

NOTE: DDH DATA BASE intervals for assays commonly disagree with lith logs by D.I.M. Manual rounding error for assay intervals when converting from feet

DDH FAGA 011
² Feet ⁸

Cyprus Anvil Mining Corp.

Page _____ of _____

Structural Log

Date: _____ Logged By: _____

Code	From				To				Feature	E N	S ₀		S ₁		S ₂		Description	
	10	14	16	20	22	24	26	28			Dip	Direct.	32	34	Dip	Direct.		38	40	44
F	1120			1430	BP													
F	1430			1630	B													
F	1755			1765	B													
F	1730			1770	B													
F	1782			1815	B													
F	1840			2000	B													
F	2179			2194	B													
F	3790			3806	BR?													
F	3870			3910	B													
F	4020			4095	B													
F	4930			5060	NNN													
F	5284			5460	BP 2													
F	5840			6000	NNN													
F	6910			6930	G 2													
F	7280			7400	D.P.													
E	7400			7430	GB													
F	7460			7583	B													
F	7607			7690	BF													
F	7400			7600	F													
F	4930			5060	OX?													

DIAMOND DRILL RECORD

LOGGED BY Stanley Reamsbottom

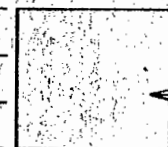
PROPERTY _____

D.D.H. No. A - 11 PAGE 3 of 5

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
399	402	MASSIVE SULPHIDE banded, locally brecciated; pyrite, sphalerite, galena, chalcopyrite. Note chalcopyrite in late tension fractures.		2561	398.5	402.5	4.0'	1.95	1.26	1.12	.01	.21			
402	427	Pale white to buff sericite phyllite - greener where chlorite rich. Bands of pyrite & sphalerite (0.5 - 3") between 5-10% mineralized in between. Section bleached, altered. Note buff ankerite?		2562	406.5	419.0	12.5	.53	.40	.28	.005	.07			
427	437	Grey striped, bleached chlorite sericite phyllite.	10.0			427									
437	459	Mineralized, bleached, locally brecciated sericite phyllite. Net veined by pale creamy, soft carbonate or clay? Mineralization: 437-441 Bands (0.5-2') of pyrrhotite, pyrite, sphalerite, chalcopyrite. Mineralization concentrated in fractures in interstices of brecciated Schist fragments. 446-447 - pyrite; 450-453-6" pyrrhotite, pyrite with minor sphalerite and galena.	10.0	2563	437	441.0	4.0	1.30	.58	.46	Tr	.08			
				2564	437	453.5	21.5	.28	.27	.22	Tr	.03			
459	495	Pale-grey striped quartzo-feldspathic sericite phyllite. Locally darker where graphite rich. Sericite rich zones at 482-489 with pyrite, sphalerite, chalcopyrite and 461-463' with pyrite, sphalerite and minor chalcopyrite. Latter brecciated.		2565	493.5	500.0	6.5'	4.88	3.84	.96	.01	.15			
495	506	MASSIVE SULPHIDE with thin partings of mineralized sericite phyllite. Pyrite, sphalerite (up to 2 mm), chalcopyrite. Locally sulphide has been brecciated and cemented by sulphide. Buff ankerite? in breccia zones.		2566	500.0	506.5	6.5'	4.20	3.90	.78	.005	.20			
					493.5	506.5	13.0	4.54	3.87	.87	w.a.v.		59.02	50.31	11.31
506	519	Pale grey bleached, striped, sericite rich phyllite. Pyrite occurs in fractures with calcite and quartz.	13		506	519									

(26)

(26)

(26)

(26)

DIAMOND DRILL RECORD

LOGGED BY Stanley Reamsbottom

PROPERTY _____

D.D.H. No. A - 11 PAGE 4 of 5

LATITUDE _____

BEARING OF HOLE _____

STARTED _____

CLAIM No. _____

DEPARTURE _____

DIP OF HOLE _____

COMPLETED _____

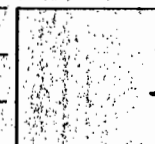
DIRECTION AND DISTANCE FROM

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		
519	525.5	Cream coloured, bleached, altered sericite phyllite. Buff ankerite? partings in foliation.	7/6.5		519	525.5											
525.5	565	Pale grey-green striped quartzo-feldspathic, sericite-chlorite, phyllite which is locally brecciated and veined by white quartz, feldspar and carbonate. Micaceous zones lose striped appearance.	/39.5		525.5	565.0											
565	584	Dark grey to black, striped moderately graphitic phyllite which is locally brecciated. Minor pyrite in fractures and along foliation.	/19		565.0	584.0											
584	600	MASSIVE SULPHIDE: Banded (584-589) white barite, pyrite, orange sphalerite, galena, grades to massive pyritic sulphides to 592' then banded sulphides to 599'. Last 1' of section pale green mariposite sericite phyllite.	/1	2567	584.0	591.5	7.5'	6.00	9.40	3.28	.04	.15					
				2568		599.0	7.5'	8.74	13.50	4.56	.04	.20					
					584.0	599.0	15.0	7.37	11.45	3.92	w.a.v		110.55	171.75	58.8		
600	650	Black graphitic phyllite. Minor pyrite blebs F ₁ at high angles to F ₂ . Becomes less graphitic in last 20' of section.	/50		600.0	650.0											
650	684.5	Pale white, bleached sericite phyllite.	/34.5		650.0	684.5											
684.5	693	Grades to grey striped phyllite (quite sericite rich).	/8.5		684.5	693.0											
693	699	MASSIVE PYRITIC SULPHIDE Pyrite, orange sphalerite, galena		2569	693.0	700.0	7.0'	2.40	2.70	1.38	.02	.27	16.80	18.90	9.66		
				2570		704.0	4.0'	.33	.54	.70	.01	.12					
699	704	Mineralized (5-10%) quartzo-feldspathic, moderately graphitic phyllite. Pyrite, red sphalerite.			700.0	703.0	3.0						.99	1.62	2.10		
					693.0	703.0	10.0	.78	2.05	1.18			17.79	20.52	11.76		
704	728	Black, striped, graphitic phyllite.	/24		704.0	728.0											

(p/1)

(p/2)

FAGA013

84/10/16

GRUM DATABASE - QUIZ REPORT

PAGE 1

DDH	SAMPLE	---DEPTHS---		INT M	REC %	ROCK UNIT	S.G.	CU %	PB %	ZN %	AG G/MT	AU G/MT	PO %	PY %	BAO %	PB+ZN %	PO+PY %	ZN RATIO
		FROM	TO															
FAGA013	5210	40.8	44.0	3.2	100	4K7	3.70	.20	1.32	.87	34.0	.27	6.00	20.70		2.19	26.70	.40
	90117	44.0	48.3	4.3	100	4G4		.16	8.10	8.40	107.0	1.27				16.50		.51
	90118	48.3	52.3	4.0	100	4G4		.19	7.65	5.52	92.6	1.71				13.17		.42
	90119	54.9	59.0	4.1	100	4E0		.21	5.03	4.20	91.9	.69				9.23		.46
	90120	59.0	60.1	1.1	100	4E0		.15	1.50	1.90	29.5	.17				3.40		.56
	90121	60.1	61.6	1.5	100	4E4		.20	5.25	5.40	71.3	1.37				10.65		.51
	90122	61.6	64.2	2.6	100	4K0		.08	1.25	.16	33.9	1.02				1.41		.11
	90123	64.2	66.8	2.6	100	4K0		.20	1.63	.90	53.5	.69				2.53		.36
	90124	121.3	123.1	1.8	100	5AC		.03	.90	2.00	24.7	.34				2.90		.69
	5211	123.1	124.9	1.8	100	4E4	3.70	.13	3.06	5.09	68.0	.55	2.59	18.30		8.15	20.89	.62
	5212	130.1	133.2	3.1	100	4A0	3.01	.07	.78	1.65	12.0	.34	1.99	4.50		2.43	6.49	.68
	5213	133.2	136.6	3.4	100	4A0	2.99	.11	.81	1.54	14.0	.34	2.07	4.97		2.35	7.04	.66

84/10/16

GRUM DATABASE - QUIZ REPORT

PAGE 1

DCM	SAMPLE	ROCK UNIT	NORMATIVE MINERALS - WEIGHT %								*	NORMATIVE MINERALS - VOLUME %							
			CPY	GA	SP	PO	PY	BAR	OTHER	CPY		GA	SP	PO	PY	BAR	OTHER		
FAGA013	5210	4K7	.58	1.52	1.30	9.44	44.52			42.65	*	.51	.75	1.20	7.56	32.82			57.17
	9C117	4G4	.46	9.35	12.52					77.66	*								
	9C118	4G4	.55	8.83	8.23					82.39	*								
	9C119	4E0	.61	5.81	6.26					87.32	*								
	9C120	4E0	.43	1.73	2.83					95.00	*								
	9C121	4E4	.58	6.06	8.05					85.31	*								
	9C122	4K0	.23	1.44	.24					98.09	*								
	9C123	4K0	.58	1.88	1.34					96.20	*								
	9C124	5A0	.09	1.04	2.98					95.89	*								
	5211	4E4	.38	3.53	7.59	4.07	39.35			45.07	*	.32	1.71	6.87	3.21	28.51			59.38
	5212	4A0	.20	.90	2.46	3.13	9.68			83.63	*	.14	.36	1.82	2.01	5.72			89.95
	5213	4A0	.32	.94	2.30	3.26	10.69			82.51	*	.23	.37	1.71	2.10	6.36			89.23

DRILL HOLE : FAGA013
NORTHING : 904,776.5
EASTING : 592,358.7
ELEVATION : 1,277.1
TOTAL DEPTH : 186.0
SECTION : W 68
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS CRE-SAMPLES: 12
NOS DOWN-H-SURVEYS: 4
NOS DOWN-H-LITHOLOGY: 24
NOS DOWN-H-STRUCTURE: 63
NOS DOWN-H-FAULTS: 9
NOS DOWN-H-SPLINES: 4
NOS COMPOSITES: 0

21FEB84 GRUM

CRE SAMPLES & ASSAYS (DHC20)

PAGE: 79

DDH: FAGA013 UTM-N: 904,776.5 UTM-E: 592,358.7 UTM-ELEV: 1,277.1 TOTAL DEPTH: 186.0 SECTION: W 68
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

---DEPTHS---				ASSAYS																	
FRM	TO	SAMPLE NO.	INT. REC.	ROCK UNIT	S.G. PULP	CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AL(FA) G/MT	PO %	PY %	TCT FE	BAC %	HG %	MN %	AS %	BA %	S.G. W.R.	
40.8	44.0	05210	3.2	3.2	4K7	3.70	.20	1.32	.87	34.00		.27	6	20	26						
44.0	48.3	9C117	4.3	4.3	4G4		.16	8.10	8.40	107.00	1.27										
48.3	52.3	9C118	4.C	4.0	4G4		.19	7.65	5.52	92.60	1.71										
54.9	59.0	9C119	4.1	4.1	4E0		.21	5.03	4.20	91.90	.69										
59.0	60.1	9C120	1.1	1.1	4E0		.15	1.50	1.90	29.50	.17										
60.1	61.6	9C121	1.5	1.5	4E4		.20	5.25	5.40	71.30	1.37										
61.6	64.2	9C122	2.6	2.6	4K0		.08	1.25	.16	33.90	1.02										
64.2	66.8	9C123	2.6	2.6	4K0		.20	1.63	.90	53.50	.69										
121.3	123.1	9C124	1.8	1.8	5A0		.03	.90	2.00	24.70	.34										
123.1	124.9	05211	1.8	1.8	4E4	3.70	.13	3.06	5.09	68.00	.55	2	18	20							
130.1	133.2	05212	3.1	3.1	4A0	3.01	.07	.78	1.65	12.00	.34	1	4	6							
133.2	136.6	05213	3.4	3.4	4A0	2.99	.11	.81	1.54	14.00	.34	2	4	7							
WEIGHTED AVERAGE																					
40.8	52.3		11.5	11.5		1.02	.18	6.05	5.30	9.46	72.21	1.14	1	5	7						
54.9	66.8		11.9	11.9			.17	3.16	2.53	62.47	.79										
121.3	124.9		3.6	3.6		1.85	.08	1.98	3.54	34.00	12.35	.44	1	9	10						
130.1	136.6		6.5	6.5		2.99	.09	.79	1.59	13.04		.34	2	4	6						

21FEB84 GRUM

DOWN-HOLE SURVEYS (DH020)

PAGE: 80

DDH: FAGA013 UTM-N: 904,776.5 UTM-E: 592,358.7 UTM-ELEV: 1,277.1 TOTAL DEPTH: 186.0 SECTION: W 68
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
48.800	176.800	54.000
109.700	170.800	86.000
164.600	167.600	93.000

DDH: FAGA013 UTM-N: 9C4,776.5 UTM-E: 592,358.7 UTM-ELEV: 1,277.1 TOTAL DEPTH: 186.0 SECTION: W 68
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
32.3	OC01	#		0.5-	1
35.4	OC02	5B6		0.5-	1
40.8	OC03	4L3	FROM SB	0.5-	1
44.0	OC04	4K71	& BXA	0.5-	1
52.3	OC05	4G4	BXA NO CORE	0.5-	1
53.6	OC06	5B6	O MINOR	0.5-	1
55.3	OC07	4LC	83 BXA [5CD4*]	0.5-	1
58.8	OC08	4EC	(4E4) E.O.I. NO CORE	0.5-	1
61.6	OC09	4KC	DUCTILE BXA NO CORE	0.5-	1
66.8	OC10	4KC	(5B GOUGE) T.C.I. DUCTILE BXA	0.5-	1
70.6	OC11	5B6		0.5-	1
75.3	OC12	5DC	a (5B0)	0.5-	1
87.8	OC13	5B80	(5D0)	0.5-	1
93.9	OC14	5DC	a	0.5-	1
103.5	OC15	5B20	-> (5B26) E.O.I. 40:60	0.5-	1
106.7	OC16	5AC	(4A30) 8C:20	0.5-	1
118.6	OC17	5B20		0.5-	1
123.3	OC18	5AC		0.5-	1
124.9	OC19	4E4		0.5-	1
130.1	OC20	5B0	a	0.5-	1
150.6	OC21	4AC		0.5-	1
158.2	OC22	5B20	-> (5A0) GOUGE	0.5-	1
171.3	OC23	5D0		0.5-	1
186.2	OC24	5B0	->(5B0a)E.O.I.(5DC)75:25:MINOR	0.5-	1

DDH: FAGA013 UTM-N: 904,776.5 UTM-E: 592,358.7 UTM-ELEV: 1,277.1 TOTAL DEPTH: 186.0 SECTION: W 68
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DMO 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
FAGA013	0.0	32.3	CS2			0	C	0	C	60	230	C	1	1	1			1
FAGAC13	0.0	36.6	CS2			0	C	0	C	70	230	C	1	1	1			1
FAGA013	32.3	40.7	CS2	S		0	C	0	C	0	0	C	1	1	1			1
FAGAC13	0.0	41.1	PS2			0	C	0	C	60	230	C	1	1	1			1
FAGA013	40.7	44.0	PS2	P		0	C	0	C	0	0	C	1	1	1			1
FAGAC13	0.0	52.7				0	C	0	C	35	230	C	1	1	1			1
FAGAC13	52.3	55.3	PS2	P		0	C	0	C	0	0	C	1	1	1			1
FAGAC13	0.0	65.2	PS2			0	C	0	C	55	230	C	1	1	1			1
FAGA013	0.0	70.1	PS2			0	C	0	C	70	230	C	1	1	1			1
FAGAC13	61.6	72.6	PS2	P		0	C	0	C	0	0	C	1	1	1			1
FAGAC13	0.0	74.7	CS2			0	C	0	C	65	230	C	1	1	1			1
FAGA013	0.0	79.2	CS2			0	C	0	C	68	230	C	1	1	1			1
FAGAC13	72.6	81.2	CS2	S		0	C	0	C	0	0	C	1	1	1			1
FAGA013	0.0	81.8	PS2			0	C	0	C	54	230	C	1	1	1			1
FAGA013	0.0	82.6	CS2			0	C	0	C	68	230	C	1	1	1			1
FAGAC13	0.0	83.2	PS2			0	C	0	C	60	230	C	1	1	1			1
FAGAC13	0.0	83.6	PS2			0	C	0	C	80	230	C	1	1	1			1
FAGA013	0.0	83.9	PS2			0	C	0	C	89	230	C	1	1	1			1
FAGA013	0.0	84.4	PS2			0	C	0	C	70	230	C	1	1	1			1
FAGAC13	0.0	84.6	PS2			0	C	0	C	74	230	C	1	1	1			1
FAGAC13	0.0	85.0	CS2			0	C	0	C	69	230	C	1	1	1			1
FAGA013	0.0	85.2	CS2			0	C	0	C	80	230	C	1	1	1			1
FAGAC13	0.0	86.1	PS2			0	C	0	C	63	230	C	1	1	1			1
FAGAC13	0.0	87.8	PS2			0	C	0	C	56	230	C	1	1	1			1
FAGA013	81.2	87.9	PS2	P		0	C	0	C	0	C	C	1	1	1			1
FAGAC13	0.0	88.2	CS2			0	C	0	C	68	230	C	1	1	1			1
FAGA013	0.0	92.4	CS2			0	C	0	C	70	230	C	1	1	1			1
FAGA013	87.9	92.5	CS2	S		0	C	0	C	0	0	C	1	1	1			1
FAGAC13	0.0	94.0	CS2			0	C	0	C	55	230	C	1	1	1			1
FAGAC13	0.0	96.9	CS2			0	C	0	C	68	230	C	1	1	1			1
FAGAC13	92.5	98.5	CS2	D		0	C	0	C	0	0	C	1	1	1			1
FAGA013	0.0	101.4	CS2			0	C	0	C	70	230	C	1	1	1			1
FAGAC13	0.0	105.8	CS2			0	C	0	C	68	230	C	1	1	1			1
FAGA013	98.5	108.4	CS2	Z		0	C	0	C	0	0	C	1	1	1			1
FAGAC13	108.4	109.1	CS2	S		0	C	0	C	0	C	C	1	1	1			1
FAGA013	0.0	110.2	CS2			0	C	0	C	50	230	C	1	1	1			1
FAGAC13	0.0	111.9	CS2			0	C	0	C	64	230	C	1	1	1			1
FAGAC13	109.1	111.9	CS2	Z		0	C	0	C	0	0	C	1	1	1			1
FAGAC13	0.0	115.0	CS2			0	C	0	C	60	230	C	1	1	1			1
FAGA013	0.0	118.0	CS2			0	C	0	C	70	230	C	1	1	1			1
FAGAC13	111.9	122.2	CS2	S		0	C	0	C	0	0	C	1	1	1			1
FAGAC13	122.2	125.0	PS2	P		0	C	0	C	0	0	C	1	1	1			1
FAGAC13	0.0	125.2	PS2			0	C	0	C	52	230	C	1	1	1			1
FAGA013	125.0	129.5	PS2	P		0	C	0	C	0	C	C	1	1	1			1
FAGA013	0.0	129.7	CS2			0	C	0	C	50	230	C	1	1	1			1
FAGA013	0.0	134.5	CS2			0	C	0	C	70	230	C	1	1	1			1
FAGAC13	0.0	138.7	CS2			0	C	0	C	68	230	C	1	1	1			1
FAGAC13	0.0	143.2	CS2			0	C	0	C	74	230	C	1	1	1			1
FAGA013	0.0	148.0	CS2			0	C	0	C	89	230	C	1	1	1			1
FAGAC13	129.5	150.6	CS2	S		0	C	0	C	0	C	C	1	1	1			1
FAGA013	0.0	153.8	CS2			0	C	0	C	50	230	C	1	1	1			1

21FEB84 GRUM

DOWN-HOLE STRUCTURE (DHO20)

PAGE: 83

DDH: FAGA013 UTM-N: 904,776.5 UTM-E: 592,358.7 UTM-ELEV: 1,277.1 TOTAL DEPTH: 186.0 SECTION: W 68
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYTRY	S0 ANGLE	DIRECT	S1 ANGLE	DIRECT	S2 ANGLE	DIRECT	RFE CDE	DHDC	SDC	PROCESS
FAGA013	0.0	158.5	PS2		0	0	0	C	51	230	C	1	1	1
FAGAC13	150.6	162.5	PS2	P	0	0	0	C	0	0	0	1	1	1
FAGAC13	0.0	163.1	CS2		0	0	0	0	59	230	0	1	1	1
FAGA013	162.5	164.6	CS2	Z	0	0	0	0	0	0	0	1	1	1
FAGA013	0.0	169.2	CS2		0	0	0	0	55	230	0	1	1	1
FAGAC13	164.6	170.4	CS2	S	0	0	0	C	0	0	C	1	1	1
FAGAC13	0.0	173.7	PS2		0	0	0	C	54	230	C	1	1	1
FAGA013	170.4	178.2	PS2	P	0	0	0	C	0	0	C	1	1	1
FAGA013	0.0	178.4	CS2		0	0	0	C	58	230	0	1	1	1
FAGA013	178.2	181.4	CS2	S	0	0	0	0	0	0	C	1	1	1
FAGA013	0.0	183.5	PS2		0	0	0	C	52	230	C	1	1	1
FAGA013	181.4	186.2	PS2	P	0	0	0	C	0	0	0	1	1	1

21FEB84 GRUM

DOWN-HOLE FAULTS (DHC20)

PAGE: 84

DDH: FAGA013 UTM-N: 904,776.5 UTM-E: 592,358.7 UTM-ELEV: 1,277.1 TOTAL DEPTH: 186.0 SECTION: W 68
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT REC CD	PARLL	UPPER PLANE	INTERNAL PLANE	LOWER PLANE	CPD			
FAGAC13	40.8	44.0	XD?		C	0	0	G	0	0	1
FAGAC13	44.0	52.2	NNN		C	0	C	C	0	0	1
FAGAC13	44.0	52.2	XD?		0	0	C	C	0	0	1
FAGAC13	53.0	55.3	XG		0	0	C	C	0	0	1
FAGAC13	55.3	58.8	1XD		0	0	G	C	0	0	1
FAGAC13	55.3	61.5	NNN		0	0	C	C	0	0	1
FAGAC13	58.8	66.7	XD?		C	0	C	C	0	0	1
FAGAC13	91.3	92.3	J		C	0	C	C	0	0	1
FAGAC13	150.5	158.1	SXG		0	0	C	G	C	0	1

21FEB84 GRUM

DOWN-HOLE SPLINES (DH020)

PAGE: 85

DDH: FAGA013 UTM-N: 904,776.5 UTM-E: 592,358.7 UTM-ELEV: 1,277.1 TOTAL DEPTH: 186.0 SECTION: W 68
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DMD CALC: 1 SS CALC: 1

DDH SEGMENT NOS COND INDICATOR

FAGA013	1	2
FAGA013	2	2
FAGA013	3	2
FAGA013	4	1

**THIS REPORT WAS REQUESTED BY: LEEP .GEOLOGY AT: 11:31:11

84/10/16

GRUM DATABASE - QUIZ REPORT

PAGE 1

DDH	SAMPLE	---DEPTHS---		INT M	REC %	ROCK UNIT	S.G.	CU %	PB %	ZN %	AG G/MT	AU G/MT	PD %	PY %	BAO %	PB+ZN %	PO+PY %	ZN RATIO
		FROM	TO															
FAGA013	5210	40.8	44.0	3.2	100	4K7	3.70	.20	1.32	.87	34.0	.27	6.00	20.70		2.19	26.70	.40
	9C117	44.0	48.3	4.3	100	4G4		.16	8.10	8.40	107.0	1.27				16.50		.51
	9C118	48.3	52.3	4.0	100	4G4		.19	7.65	5.52	92.6	1.71				13.17		.42
	9C119	54.9	59.0	4.1	100	4E0		.21	5.03	4.20	91.9	.69				9.23		.46
	9C120	59.0	60.1	1.1	100	4E0		.15	1.50	1.90	29.5	.17				3.40		.56
	9C121	60.1	61.6	1.5	100	4E4		.20	5.25	5.40	71.3	1.37				10.65		.51
	9C122	61.6	64.2	2.6	100	4K0		.08	1.25	.16	33.9	1.02				1.41		.11
	9C123	64.2	66.8	2.6	100	4K0		.20	1.63	.90	53.5	.69				2.53		.36
	9C124	121.3	123.1	1.8	100	5A0		.03	.90	2.00	24.7	.34				2.90		.69
	5211	123.1	124.9	1.8	100	4E4	3.70	.13	3.06	5.09	68.0	.55	2.59	18.30		8.15	20.89	.62
	5212	130.1	133.2	3.1	100	4A0	3.01	.07	.78	1.65	12.0	.34	1.99	4.50		2.43	6.49	.68
	5213	133.2	136.6	3.4	100	4A0	2.99	.11	.81	1.54	14.0	.34	2.07	4.97		2.35	7.04	.66

84/10/16

GRUM DATABASE - QUIZ REPORT

PAGE 1

DDH	SAMPLE	ROCK UNIT	CPY	NORMATIVE MINERALS - WEIGHT %						OTHER	CPY	NORMATIVE MINERALS - VOLUME %						OTHER
				GA	SP	PO	PY	BAR	GA			SP	PO	PY	BAR			
FAGA013	5210	4K7	.58	1.52	1.30	9.44	44.52			42.65	*	.51	.75	1.20	7.56	32.82		57.17
	9C117	4G4	.46	9.35	12.52					77.66	*							
	9C118	4G4	.55	8.83	8.23					82.39	*							
	9C119	4E0	.61	5.81	6.26					87.32	*							
	9C120	4E0	.43	1.73	2.83					95.00	*							
	9C121	4E4	.58	6.06	8.05					85.31	*							
	9C122	4K0	.23	1.44	.24					98.09	*							
	9C123	4K0	.58	1.88	1.34					96.20	*							
	9C124	5A0	.09	1.04	2.98					95.89	*							
	5211	4E4	.38	3.53	7.59	4.07	39.35			45.07	*	.32	1.71	6.87	3.21	28.51		59.38
	5212	4A0	.20	.90	2.46	3.13	9.68			83.63	*	.14	.36	1.82	2.01	5.72		89.95
	5213	4A0	.32	.94	2.30	3.26	10.69			82.51	*	.23	.37	1.71	2.10	6.36		89.23

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

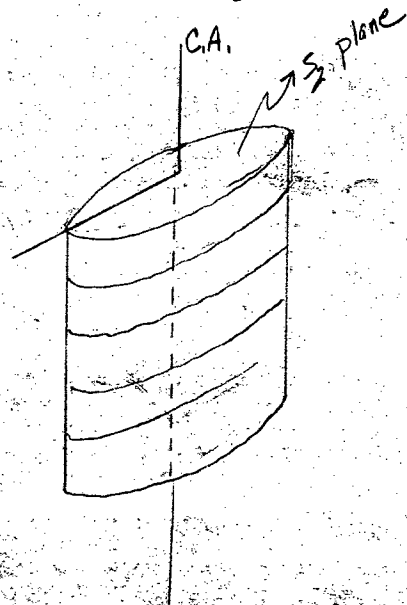
Hole Number: 7A-A013

Fabric Orientation Diagram:

Project: GRUM RELOG

Location: VANGORDA PLATEAU

Claim: GRUM 3 (CENTRAL)



UTM
1979 H/W
Dulophos Survey

Terr. Plane
Co-ords.: 6904776.49 N

592358.70 E

Grid
Co-ords.: 68W/48 Bk (00N)

All symmetry determinations looking

NW with S₂ dipping

SW with dip azimuth 230.

Elevation: 1277.08 m

Total Depth: 186.23 m

Purpose: _____

Re
Logged by: JSM Date(s) Logged: May 30 - June 2 1980

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

HW 0 31

BW 31 106

BQ 106 611 (EOH)

Started: 6/14/74 Completed: 6/19/74

FEET DDH 74-A-D-13
2 8

Cyprus Anvil Mining Corp.

Page 3 of 6

Lithologic Log

Logged By: JSM

Code	From		To		Unit		Code	Description
	10	14	16	20	22	23			25	27
L	100		1060		11			0/B
L	1060		1160		12	5B,6		minor py
L	1160		1340		13	4L,3		altered 5B, minor py, distinctive hematite laminae
L	1340		1445		14	4K,7		ankeritic, bxia w/ quartzite frags + mass. sfds, po @ 139, white clay alteration @ 144
L	1445		1715		15	4G,10		no core remaining; 4G? 4D6? massive sulfide breccia - sph, gal, py, opy, + barite, banded, acc. to Kerr Addison
L	1715		1760		16	5B,6		minor CO ₂
L	1760		1815		17	4L,10		altered zone w/ OQO, Fe-oxide, talc, gouge, green malapropite
L	1815		2020		18	4E,4		no core remaining
L	2020		2190		19	4K,4		5B + gouge @ TOI, bxia of ankerite + py, banded ank + py, minor gal
L	2190		2316		10	5B,6		oxidized (ground H ₂ O?); gradational lower etc.
L	2316		2470		11	5D,3		buff ankerite, interbedd w/ 5B @ 242'
L	2470		2880		12	5B,10		as interbeds of 5D3 @ 257' + 268'; gradational w/ 5D3 269'-282'
L	2601		3082		13	5D,3		cc - ankerite; fractured + iron stained 299'-303'
L	3082		3396		14	5B,2		loses CO ₂ @ 320'
L	3396		3500		15	5A,3		→ 4A3 (finely disseminated py) @ 345-347'
L	3500		3890		16	5B,2		
L	3890		4045		17	5A,10		
L	4045		4097		18	4E,4		soakerite } locally contains 5-10% sphal, py, gal acc. to Kerr A.
L	4097		4270		19	5B,10		ankerite } broken + sampled now.
L	4270		4940		20	4A,3		py
L	4940		5190		21	5B,2		shear bxia of calcareous frags + gouge @ TOI, 5A5A + gouge from 508-509.
L	5190		5620		22	5D,3		
L	5620		6120		23	5B,10		becomes ankeritic @ 593'; contains interbeds of 5D (grad, upper etc)

Code	From		To		Feature	SYM	S ₁		S ₂		Description
	10	14	16	20			Dip	Direct.	Dip	Direct.	
	22	24	26	28	32	34	38				
											0-106 0/B
			120	160	C/S ₂			6.0	2.3	0	S region 106.0-133.5'
			122	100	C/S ₂			7.0	2.3	0	
			123	135	F ₂ S						R region 133.5-144.5'
			123	150	P/S ₂			6.0	2.3	0	
			124	45	F ₂ R						
											No core 144.5-171.5
			127	30				3.5	2.3	0	P region 171.5-181.5'
			128	15	F ₂ P						
											No core 181.5-202.0
			122	140	P/S ₂			5.5	2.3	0	R region 202.0-238.3'
			123	00	P/S ₂			7.0	2.3	0	- w/ minor S sym @ 235'
			123	83	F ₂ R						S region 238.3-266.4'
			124	50	C/S ₂			6.5	2.3	0	- w/ minor Z sym @ 243, 255'
			126	00	C/S ₂			6.8	2.3	0	
			126	64	F ₂ S						R region 266.4-280.4'
			126	85	P/S ₂			5.4	2.3	0	this is a mixed interval beginning +
			127	10	C/S ₂			6.8	2.3	0	ending w/ s ₂ //s ₁ //s ₀ . The interval
			127	30	P/S ₂			6.0	2.3	0	contains scattered S, Z, + M sym.
			127	42	P/S ₂			8.0	2.3	0	C/S ₂ 's. The inclination of S ₂ to
			127	52	P/S ₂			8.9	2.3	0	C.A. fluctuates
			127	70	P/S ₂			7.0	2.3	0	
			127	74	P/S ₂			7.4	2.3	0	
			127	89	C/S ₂			6.9	2.3	0	
			127	96	C/S ₂			8.0	2.3	0	
			128	26	P/S ₂			6.3	2.3	0	
			128	80	P/S ₂			5.6	2.3	0	
			128	85	F ₂ R						S region 288.5-303.4'
			128	93	C/S ₂			6.8	2.3	0	- "D" sym @ 292'
			130	32	C/S ₂			7.0	2.3	0	
			130	34	F ₂ S						D region 303.4-323.0'
			130	85	C/S ₂			5.5	2.3	0	
			131	80	C/S ₂			6.8	2.3	0	
			132	30	F ₂ D						Z region 323.0-355.5'
			133	20	C/S ₂			7.0	2.3	0	- sym. determinations difficult
			134	70	C/S ₂			6.8	2.3	0	

Code	From		To		Sample No.		Description		
	10	14	16	20	22	27	Length	Rec	Unit
P	11340		11445		1512110		10.5		AK7
P	11445		11585		9110167	KA 13.0		MET TEST, NO CORE	AG: 4D6 2602
P	11585		11715		9110168	KA 13.0		"	" 2603
P	14040		14097		1512111		5.7		4EA
P	14270		14370		1512112		10.0		4A3
P	14370		14480		1512113		11.0		4A3

KEEP
 ADD #

Feet!

FAULT

DDH F.A.G.A.O.13
2 8

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	18	22	22	24	26	28			Dip	Direct.	Dip	Direct.	Dip	Direct.	Dip	Direct.	Dip	Direct.			
F	11340		11445		XID?																	bxia w/ gkile frags + massive sulphides	
F	11445		11715		NIMN																	K-A sample - no core	
F	11445		11715		XID?																	massive sulphide bxia - K-A log	
F	11760		11815		XIG																	bxia + altered zone w/ gauge	
F	11815		121020		NIMN																	K-A sample no core	
F	11815		11930		XID																	locally bxiated massive sulphides	
F	11930		121190		XID?																	bxia of ankerite + pyrite clots of carbonate in sulphide matrix	
F	12190		131030		VI																	fractured + iron stained	
F	14940		151190		SIXIG																	Shear bxia of calcareous frags + gauge	

color checked J.L. Wright

DIAMOND DRILL RECORD

LOGGED BY Stanley Reamsbottom

PROPERTY Vangorda - Kerr Addison - AEX - Joint Venture

D.D.H. No. A - 13 PAGE 1 of 3

LATITUDE 10 56 32 N 0100 BL BEARING OF HOLE

Circle	160'	360'	540'
--------	------	------	------

 STARTED June 14/74

DEPARTURE 7659.52 E 69 VV DIP OF HOLE

57°	59°20'	78°20'	91°20'
-----	--------	--------	--------

 COMPLETED June 19/74

ELEVATION 4183' A.S.L. DIP TESTS

57°	81°30'	77°30'
-----	--------	--------

 DEPTH Ultimate: 611'

CLAIM No. Grum 3 (Central)
DIRECTION AND DISTANCE FROM
NE. CLAIM POST



HOLE SIZE: 0 - 31 HW; 31 - 106 BW; 106 - 611' RQ Proposed: (186.23 m)

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		
0	106	Overburden															
106	116	Grey sericite mica phyllite with buff laminae and veins of ankerite? and quartz (to 6" thick). Minor blebs of fine grained pyrite and galena. F ₁ high angles to F ₂ .															
116	133.5	Pale creamy bleached sericite phyllite. Minor pyrite galena and sphalerite in foliation. Note buff ankerite veins.															
133.5	145.5	Breccia composed of cream colored altered quartzo-feldspathic material, cemented by pyrite and lesser sphalerite, galena, chalcopryite and pyrrhotite. Sulphides are banded for first 2' of section with crystals of white barite. Core angle of banded sulphides is 50°.		2601	133.5	145.5	12	1.25	.62	.76	.01	.21					
145.5	171.5	MASSIVE SULPHIDE BRECCIA. Rich in sphalerite, galena, pyrite, chalcopryite and barite. Fragments of pyrite and banded sphalerite rich sulphides, cemented by sphalerite rich massive sulphides. Minor green chlorite in creamy quartzo-feldspathic gouge.		2602	145.5	158.5	13	8.10	8.40	3.12	.04	.16					
				2603	158.5	171.5	13	7.65	5.52	2.70	.05	.19					
					145.5	171.5	260	7.87	6.96	2.91	nr. Av.						
171.5	181.5	Pale grey sericite rich phyllite. Weakly mineralized with laminae of buff ankerite in foliation. Locally rich in green mariposite.	13.5		171.5	180.0											
181.5	193	MASSIVE PYRITIC SULPHIDE. Locally brecciated; rich in pyrite, red sphalerite and galena.															
193	219	Breccia of cream quartzo-feldspathic fragments (1-2") cemented by pyrite and galena with lesser sphalerite. Some fragments of sulphide indicate that it was also brecciated. Note 6" recovered between 197 - 202'.		2604	180	193.5	5	13.5	5.03	4.20	2.68	.02	.21	47.91	56.70	36.15	plot
				2605		197	3.5	1.50	1.90	.80	.005	.15	5.25	6.25	2.8		
				2606		202	5	5.25	5.40	2.08	.04	.20	26.25	27.00	10.4		not
				2607		210.5	8.5	1.25	.16	.99	.03	.08					
				2608		219	8.5	1.63	.90	1.56	.02	.20					

(11.75")

FAGA026

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GRUM DATABASE - QUIZ REPORT

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DDH	SAMPLE	---DEPTHS---	INT	REC	ROCK	S.G.	CU	PB	ZN	AG	AU	PO	PY	BAO	PB+ZN	PC+PY	ZN
		FROM	TO	M	%	UNIT	%	%	%	G/MT	G/MT	%	%	%	%	%	RATIO
FAGA026	91081	46.6	49.7	3.1	35	4D5		1.55	3.84	25.4					5.39		.71
	91082	49.7	51.5	1.8	100	4D5		2.30	5.16	28.5					7.46		.69
	91083	55.8	57.8	2.0	100	4D5		2.00	3.24	20.2					5.24		.62
	91084	57.8	59.4	1.6	100	4E4		4.13	9.96	100.8					14.09		.71
	91085	59.4	61.4	2.0	100	4E4		5.55	13.20	103.9					18.75		.70
	91086	62.1	63.7	1.6	100	4E4		6.30	14.45	102.8					20.75		.70
	91087	63.7	65.2	1.5		4E4		6.30	14.45	102.8					20.75		.70
	91088	65.2	68.0	2.8	100	4E4		7.35	15.54	116.9					22.89		.68
	91089	68.0	69.6	1.6	100	4E4		3.30	11.67	51.4					14.97		.78
	91090	70.4	71.2	.8	100	4LE		3.15	6.24	51.4					9.39		.66
	91091	71.2	72.5	1.3	100	4LE		.53	1.44	9.9					1.97		.73
	91092	72.5	73.7	1.2	92	4LE		3.68	8.04	63.4					11.72		.69
	91093	73.7	74.5	.8		4LE		6.60	16.30	105.9					22.90		.71
	E783	74.5	75.6	1.1	100	4LC	3.17	.01	.74	1.18	15.0	.27	1.36	10.10	1.92	11.46	.61
	E784	75.6	77.4	1.8	67	4L4	3.57	.05	3.80	8.70	70.0	.75	1.56	15.30	12.50	16.86	.70
	E785	77.4	79.0	1.6	100	4D4	3.74	.08	6.20	15.90	103.0	1.44	1.82	15.50	22.10	17.32	.72
	E786	79.0	80.7	1.7	74	4D4	4.04	.22	6.00	11.70	110.0	1.71	2.07	20.10	17.70	22.17	.66
	E787	80.7	81.6	.9	100	4D4	3.89	.14	7.80	13.50	133.0	1.78	2.64	18.80	21.30	21.44	.63
	E788	81.6	83.0	1.4	57	4E64	4.63	.16	8.70	20.30	158.0	2.33	5.65	19.10	29.00	24.75	.70
	E789	83.0	84.3	1.3	92	4E64	4.37	.02	8.00	16.10	123.0	1.37	2.55	23.00	24.10	25.55	.67
	E790	84.3	85.6	1.3	100	4EA4	3.80	.22	9.10	13.40	146.0	2.47	2.35	15.50	22.50	17.85	.60
	E791	85.6	86.9	1.3	85	4EA4	4.02	.15	10.20	17.60	172.0	3.09	2.23	15.10	27.80	17.33	.63
	E792	86.9	88.1	1.2	100	4EA4	3.89	.12	8.90	17.10	159.0	2.33	2.58	15.40	26.00	17.98	.66
	E793	88.1	89.6	1.5	100	4EA4	3.75	.20	4.70	5.10	94.0	2.26	1.32	20.80	9.80	22.12	.52
	E794	89.6	91.1	1.5	100	4AD4	3.34	.07	6.10	7.80	102.0	1.65	1.41	12.20	13.90	13.61	.56
	E795	91.1	92.7	1.6	100	4AD4	3.64	.17	8.10	10.00	127.0	1.71	1.76	12.20	18.10	13.96	.55
	E796	92.7	94.2	1.5	100	4AD4	3.44	.08	5.00	7.30	77.0	1.65	1.56	11.20	12.30	12.76	.59
	E797	94.2	96.5	2.3	96	4AD4	3.45	.10	6.00	6.60	80.0	1.71	1.65	15.90	12.60	17.55	.52
	91094	96.5	98.3	1.8	100	4A13		1.58	1.06	22.3					2.64		.40
	91095	98.3	100.6	2.3	96	4A134		3.08	3.72	35.3					6.80		.55
	91096	100.6	103.3	2.7	96	4A13		.32	.74	6.2					1.06		.70
	91097	103.3	105.0	1.7	88	4A13		1.38	1.35	17.1					2.73		.49
	91098	105.0	106.2	1.2	100	4A134		7.05	8.04	97.7					15.09		.53
	91099	106.2	109.0	2.8	93	4A13		1.35	3.00	20.2					4.35		.69
	E798	109.0	110.5	1.5	100	4A13	3.31	.13	2.40	1.30	40.0	.82	1.90	15.80	3.70	17.70	.35
	E799	110.5	112.0	1.5	100	4A13		.16	.78	1.02	23.0				1.80		.57
	E800	112.0	113.5	1.5	100	4A13		.36	.15	1.54	133.0				1.69		.91
	E651	113.5	115.1	1.6	100	4A13		.29	.46	1.31	19.0				1.77		.74
	E652	115.1	116.6	1.5	100	4A13		.26	.13	.79	10.0				.92		.86
	E653	116.6	118.1	1.5	100	4A13		.15	.21	1.28	13.0				1.49		.86
	E654	118.1	119.6	1.5	100	4A13		.23	.04	.59	7.0				.63		.94
	E655	119.6	121.2	1.6	100	4A13		.22	.08	.52	5.0				.60		.87
	E656	121.2	122.7	1.5	100	4A13		.28	.06	.79	11.0				.85		.93
	E657	122.7	124.2	1.5	100	4A13		.16	.02	1.71	2.0				1.73		.99
	E658	124.2	125.7	1.5	100	4A13		.24	.03	1.28	5.0				1.31		.98
	E659	125.7	127.3	1.6	100	4A13		.04	.02	1.15	1.0				1.17		.98
	E660	127.3	128.5	1.2	100	4A13		.16	.02	.94	2.0				.96		.98
	92000	128.5	129.5	1.0	100	4A4			3.98	4.20	64.5				8.18		.51
	92001	129.5	131.8	2.3	87	4AC			1.50	1.43	28.5				2.93		.49
	92002	131.8	134.7	2.9	100	4E1			2.33	2.40	41.5				4.73		.51
	92003	134.7	137.8	3.1	100	4E14			4.73	4.02	65.5				8.75		.46
	92004	137.8	140.8	3.0	100	4E14			3.08	2.88	48.3				5.96		.48
	92005	140.8	143.9	3.1	100	4E1			1.33	2.28	27.4				3.61		.63
	92006	143.9	144.8	.9	100	4E14			3.00	3.54	46.3				6.54		.54
	92007	144.8	147.1	2.3	26	4E14			2.08	3.48	35.3				5.56		.63

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GRUP DATABASE - QUIZ REPORT

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DDH	SAMPLE	---DEPTHS---		INT M	REC X	ROCK UNIT	S.G.	CU %	PB %	ZN %	AG G/MT	AU G/MT	PO %	PY %	BAO %	PB+ZN %	PO+PY %	ZN RATIO	
		FROM	TO																
FAGAC26	8661	181.5	182.5	1.0	100	4H3	4.29	.24	3.40	3.60	68.0	.01	14.10	25.00		7.00	39.10	.51	
	8662	182.5	183.3	.8	100	4D7	3.53	.26	1.64	2.20	19.0	.21	23.60	2.20		3.84	25.80	.57	
	92008	208.7	209.5	.8		4D4			4.95	6.84	80.6						11.79		.58
	8663	209.5	210.4	.9	100	4L0	2.95	.05	.37	.69	8.0	.48	1.73	4.24		1.06	5.97	.65	
	92009	210.4	211.7	1.3		4D4			4.13	5.52	73.7					9.65		.57	

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GRUM DATABASE - QUIZ REPORT

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DDH	SAMPLE	ROCK UNIT	NORMATIVE MINERALS - WEIGHT %							NORMATIVE MINERALS - VOLUME %						
			CPY	GA	SP	PO	PY	BAR	OTHER	CPY	GA	SP	PO	PY	BAR	OTHER
FAGA026	8661	4M3	.69	3.93	5.37	22.18	53.76	14.08	* .73	2.30	5.90	21.22	47.32	22.53		
	8662	4C7	.75	1.89	3.28	37.12	4.73	52.23	* .61	.86	2.80	27.58	3.23	64.91		
	92008	4D4		5.72	10.20			84.09	* .14							
	8663	4L0		.43	1.03	2.72	9.12	86.56	* .10	.17	.75	1.73	5.33	91.93		
	92009	4D4		4.77	8.23			87.00	*							

DRILL HOLE : FAGA026
NORTHING : 904,742.5
EASTING : 592,485.3
ELEVATION : 1,277.1
TOTAL DEPTH : 273.3
SECTION : W 64
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS CORE-SAMPLES: 60
NOS DOWN-H-SURVEYS: 5
NOS DOWN-H-LITHOLOGY: 41
NOS DOWN-H-STRUCTURE: 48
NOS DOWN-H-FAULTS: 21
NOS DOWN-H-SPLINES: 5
NOS COMPOSITES: 0

DDH: FAGA026 UTM-N: 904,742.5 UTM-E: 592,485.3 UTM-ELEV: 1,277.1 TOTAL DEPTH: 273.3 SECTION: W 64
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

---DEPTHS---				---ASSAYS---																	
FRM	TO	SAMPLE NO.	INT. REC.	ROCK UNIT	S.G. PULP	CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AL(FA) G/MT	PO %	PY %	TCT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.	
129.5	131.3	92001	2.3	2.0 4A0			1.50	1.43		28.50											
131.8	134.7	92002	2.9	2.9 4E1			2.33	2.40		41.50											
134.7	137.8	92003	3.1	3.1 4E14			4.73	4.02		65.50											
137.8	140.8	92004	3.0	3.0 4E14			3.08	2.88		48.30											
140.8	143.9	92005	3.1	3.1 4E1			1.33	2.28		27.40											
143.9	144.8	92006	.9	.9 4E14			3.00	3.54		46.30											
144.8	147.1	92007	2.3	.6 4E14			2.08	3.48		35.30											
181.5	182.5	08661	1.0	1.0 4H3	4.29	.24	3.40	3.60	68.00		.01	14	25	39							
182.5	183.3	08662	.8	.8 4D7	3.53	.26	1.64	2.20	19.00		.21	23	2	25							
208.7	209.5	92008	.8	.0 4C4			4.95	6.84	80.60												
209.5	210.4	08663	.9	.9 4L0	2.95	.05	.37	.69	8.00		.48	1	4	5							
210.4	211.7	92009	1.3	.0 4D4			4.13	5.52	73.70												
WEIGHTED AVERAGE																					
46.6	51.5		4.9	2.9			1.82	4.32		26.53											
55.8	61.4		5.6	5.6			3.87	8.71		73.12											
62.1	69.6		7.5	6.0			6.05	14.26		97.09											
70.4	147.1		76.7	71.2	1.14	.08	3.10	5.00	44.64	13.88	.51		4	5							
181.5	183.3		1.8	1.8	3.95	.24	2.61	2.97	46.22		.09	18	14	33							
208.7	211.7		3.0	.9	.88	.01	3.22	4.42	55.83		.14		1	1							

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DOWN-HOLE SURVEYS (DF020)

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DDH: FAGA026 UTM-N: 904,742.5 UTM-E: 592,485.3 UTM-ELEV: 1,277.1 TOTAL DEPTH: 273.3 SECTION: W 64
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 OHC CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
121.900	179.000	72.000
207.300	177.000	81.000
243.800	178.000	92.000
273.400	178.000	92.000

JDH: FAGA026 UTM-N: 904,742.5 UTM-E: 592,485.3 UTM-ELEV: 1,277.1 TOTAL DEPTH: 273.3 SECTION: W 64
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
46.6	0001	#		0.5-	1
51.5	0002	4D5	[5B69]	0.5-	1
55.8	0003	5B6	NO CORE	0.5-	1
57.8	0004	4D5	[5B69]	0.5-	1
69.6	0005	4E4	& BXA [4GE4]	0.5-	1
76.0	0006	4LE	[4LO (4E4) (4J4)]	0.5-	1
77.4	0007	4LC		0.5-	1
81.6	0008	4D4	BXA	0.5-	1
84.3	0009	4E46	81	0.5-	1
89.6	0010	4E41	(4A4) 70:30	0.5-	1
96.5	0011	4A4	(4D4)	0.5-	1
131.7	0012	4A13	SOME NO CORE	0.5-	1
147.1	0013	4E1	NO CORE	0.5-	1
166.1	0014	5B6		0.5-	1
167.6	0015	4LO		0.5-	1
172.5	0016	5B6		0.5-	1
173.9	0017	5A1	89 MINOR	0.5-	1
180.4	0018	534		0.5-	1
181.5	0019	4L7		0.5-	1
182.5	0020	4H3	24	0.5-	1
183.3	0021	4073		0.5-	1
184.4	0022	4LC		0.5-	1
186.0	0023	5B6		0.5-	1
187.8	0024	4LO		0.5-	1
193.2	0025	5AC		0.5-	1
195.8	0026	5B6		0.5-	1
208.9	0027	4L2		0.5-	1
209.6	0028	4D4\$	BXA [4G4]	0.5-	1
210.4	0029	4LO		0.5-	1
211.7	0030	4D4\$	[4G4]	0.5-	1
222.8	0031	4LO	(5D4*)	0.5-	1
224.9	0032	5C6	MOTTLED	0.5-	1
228.0	0033	4LC	(4C0)	0.5-	1
230.0	0034	5C*	MOTTLED	0.5-	1
240.5	0035	4LC		0.5-	1
246.3	0036	5B6	(4LO) 70:30 (383) MINOR	0.5-	1
251.8	0037	5B6		0.5-	1
253.3	0038	5AC		0.5-	1
254.2	0039	5C0	MOTTLED	0.5-	1
258.0	0040	3G4	& BIC	0.5-	1
273.4	0041	3G0	BIO STAUR. GARNET	0.5-	1

DDH: FAGA026 UTM-N: 904,742.5 UTM-E: 592,485.3 UTM-ELEV: 1,277.1 TOTAL DEPTH: 273.3 SECTION: W 64
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYTRY	SC	ANGLE	DIRECT	S1	ANGLE	DIRECT	S2	ANGLE	DIRECT	RFE	CDE	DHCC	SCC	PROCESS
FAGA026	0.0	33.6	CS2			C	C	0	0	0	55	230	C			1	1	1
FAGA026	0.0	75.3	CS2			C	C	0	0	0	70	230	C			1	1	1
FAGA026	0.0	80.5	PS2			0	0	0	0	0	53	230	C			1	1	1
FAGA026	0.0	84.1	PS2			0	0	0	0	0	51	230	C			1	1	1
FAGA026	0.0	39.6	PS2			C	C	0	0	0	39	230	C			1	1	1
FAGA026	75.6	96.2	PS2	P		0	0	0	0	0	0	0	C			1	1	1
FAGA026	0.0	96.2	PS2			0	C	0	0	0	63	230	C			1	1	1
FAGA026	0.0	108.8	PS2			C	C	0	0	0	55	230	C			1	1	1
FAGA026	0.0	112.8	PS2			0	0	0	0	0	46	230	C			1	1	1
FAGA026	0.0	118.9	PS2			0	0	0	0	0	58	230	C			1	1	1
FAGA026	108.8	122.8	PS2	P		0	C	0	0	0	C	0	C			1	1	1
FAGA026	0.0	122.8	PS2			0	0	0	0	0	53	230	C			1	1	1
FAGA026	0.0	127.7	CS2			C	C	0	0	0	55	230	C			1	1	1
FAGA026	122.8	128.3	CS2	M		C	0	0	0	0	0	C	C			1	1	1
FAGA026	0.0	147.2	CS2			C	C	0	0	0	70	230	C			1	1	1
FAGA026	0.0	153.0	CS2			0	0	0	0	0	61	230	C			1	1	1
FAGA026	0.0	159.1	CS2			0	C	0	0	0	65	230	C			1	1	1
FAGA026	147.2	160.6	CS2	Z		0	C	0	0	0	0	0	C			1	1	1
FAGA026	160.6	164.9	PS2	P		0	0	0	0	0	0	C	C			1	1	1
FAGA026	0.0	164.9	CS2			C	0	0	0	0	68	230	C			1	1	1
FAGA026	164.9	167.9	CS2	Z		0	0	0	0	0	0	0	C			1	1	1
FAGA026	0.0	167.9	CS2			0	0	0	0	0	68	230	C			1	1	1
FAGA026	0.0	172.2	PS2			0	0	0	0	0	54	230	C			1	1	1
FAGA026	0.0	177.7	PS2			0	0	0	0	0	58	230	C			1	1	1
FAGA026	167.9	183.2	PS2	P		0	0	0	0	0	0	0	C			1	1	1
FAGA026	0.0	183.2	CS2			0	0	0	0	0	72	230	C			1	1	1
FAGA026	183.2	187.8	CS2	Z		0	0	0	0	0	0	0	C			1	1	1
FAGA026	0.0	187.8	CS2			C	C	0	0	0	73	230	C			1	1	1
FAGA026	187.8	193.2	PS2	P		0	0	0	0	0	0	0	C			1	1	1
FAGA026	0.0	193.2	CS2			0	C	0	0	0	69	230	C			1	1	1
FAGA026	0.0	199.3	CS2			C	C	0	0	0	80	230	C			1	1	1
FAGA026	193.2	201.2	CS2	Z		0	0	0	0	0	0	0	C			1	1	1
FAGA026	0.0	204.5	PS2			0	0	0	0	0	55	230	C			1	1	1
FAGA026	0.0	208.8	PS2			0	C	0	0	0	56	230	C			1	1	1
FAGA026	0.0	214.9	PS2			0	0	0	0	0	65	230	C			1	1	1
FAGA026	0.0	220.8	PS2			0	0	0	0	0	66	230	C			1	1	1
FAGA026	0.0	227.1	PS2			0	0	0	0	0	58	230	C			1	1	1
FAGA026	201.2	230.1	PS2	P		0	0	0	0	0	0	0	C			1	1	1
FAGA026	0.0	232.6	CS2			0	C	0	0	0	75	230	C			1	1	1
FAGA026	230.1	236.2	CS2	S		C	C	0	0	0	0	C	C			1	1	1
FAGA026	0.0	238.4	PS2			0	0	0	0	0	66	230	C			1	1	1
FAGA026	0.0	243.8	PS2			0	0	0	0	0	50	230	C			1	1	1
FAGA026	236.2	246.0	PS2	P		0	0	0	0	0	0	0	C			1	1	1
FAGA026	0.0	251.4	PS2			0	0	0	0	0	48	230	C			1	1	1
FAGA026	0.0	259.4	PS2			0	C	0	0	0	78	230	C			1	1	1
FAGA026	0.0	265.5	PS2			C	C	0	0	0	65	230	C			1	1	1
FAGA026	0.0	271.6	PS2			0	0	0	0	0	84	230	C			1	1	1
FAGA026	253.4	273.4	PS2	F		0	0	0	0	0	0	0	C			1	1	1

DDH: FAGA026 UTM-N: 904,742.5 UTM-E: 592,485.3 UTM-ELEV: 1,277.1 TOTAL DEPTH: 273.3 SECTION: W 64
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	REC	CD	PARLL	UPPER PLANE	INTERNAL PLANE	LOWER PLANE	D-F-D			
FAGA026	46.6	51.5	NNN				0	0	C	C	0	0	1
FAGAC26	51.5	55.7	1GP	5			0	0	C	C	0	0	1
FAGAG26	53.7	57.8	NNN				0	0	C	C	0	0	1
FAGAC26	5.5	55.7	74.4	NNN			0	0	C	C	0	0	1
FAGAC26	5.5	55.7	74.4	1D?			0	0	C	C	0	0	1
FAGAC26	69.6	77.4	1XG	69.6			0	0	C	G	0	0	1
FAGAC26	0.0	77.4	GP	74.4			0	0	C	C	0	0	1
FAGAC26	77.4	81.6	D				0	0	C	C	0	0	1
FAGAC26	84.3	89.6	1D				0	0	C	C	0	0	1
FAGA026	96.5	108.9	NNN				0	0	C	C	0	0	1
FAGA026	128.3	147.2	NNN				C	0	G	C	0	0	1
FAGA026	0.0	167.5	G1X				C	0	C	C	0	0	1
FAGAC26	173.8	175.5	EG				0	0	C	C	0	0	1
FAGAC26	186.0	187.7	1D				0	0	G	C	0	0	1
FAGA026	208.9	209.5	NNN				0	0	C	C	0	0	1
FAGA026	208.9	209.5	D				0	0	0	C	0	0	1
FAGAC26	210.3	212.5	NNN				0	0	C	C	0	0	1
FAGAC26	210.3	212.5	D				C	0	C	C	0	0	1
FAGA026	246.2	251.7	3SG				0	0	C	C	0	0	1
FAGA026	251.7	253.2	3S				0	0	C	C	0	0	1
FAGAC26	253.2	254.2	1X				0	0	C	C	0	0	1

Done
JLP
Nov 1/84

add 74.4 77.4 1XG

21MAR84 GRUM

DOWN-HOLE SPLINES (DHO20)

PAGE: 1

CDH: FAGA026 UTM-N: 904,742.5 UTM-E: 592,485.3 UTM-ELEV: 1,277.1 TOTAL DEPTH: 273.3 SECTION: W 64
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 .312 DHC CALC: 1 SS CALC: 1

CDH SEGMENT NOS COND INDICATOR

FAGA026	1	2
FAGAC26	2	2
FAGAC26	3	2
FAGAC26	4	2
FAGA026	5	1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 74-A026

Project: GRUM RELOG

Location: VANGORDA PLAT.

Claim: _____

UTM Terr. Plane
Co-ords.: 6,904,742.5 N

179 H12
Mophab Survey
592,485.3 E

Grid
Co-ords.: 6W/2N

Elevation: 1277.06

Total Depth: 897.0 ft.

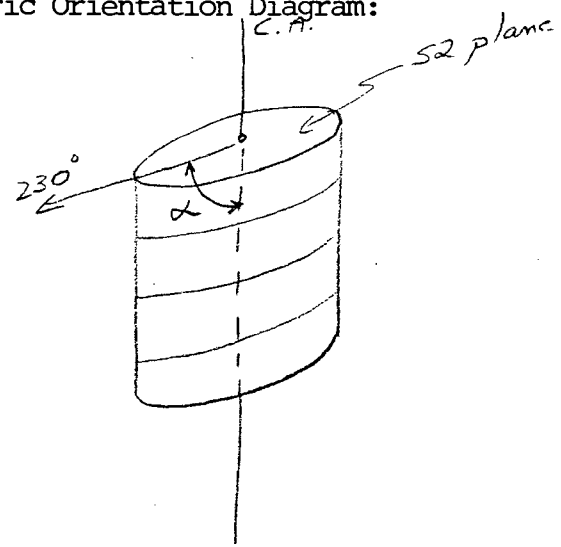
Purpose: _____

Re Logged by: DJH Date(s) Logged: _____

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

NQ 6 153
BQ 163 897

Fabric Orientation Diagram:



All symmetry determinations looking
NW with 52 dipping
SW with dip azimuth 230°.

Started: 2/8/74 Completed: 10/8/74

Lithologic Log

Code	From ft			To ft			Unit	Code	Description
	10	14	16	20	22	23				25	27
46.6		100		1530			11	#	0/B; cored many granitic boulders
57.8		1530		1897			12	5B16	+ (539 @ 153.0 - 169.0 ft) @ 183.0 - 189.7 ft - all missing core or weathered SBO; limonite stain on fracture and fol'n surfaces; bull g = patches; small gouges, missing core @ 55% recovery
69.6		1897		2285			13	4E4	*note: core missing 183-244.3 local bxia zones
77.4		2285		2540			14	4L10	4L0 w/ ^{10730cm} bands of 4E4(4J4?) throughout local bxia zones; ^{HOUGE} F/W CNT MARKED BY 20cm
81.6		2540		2678			15	4D14	^{LOCALLY} appears to be a quartz bxia (or micro-bxia) w/ sph rich massive sde ^{+ (45-44)} matrix
84.3		2678		2767			16	4E4	16% [±] HONEY SPHAL.
89.6		2767		2940			17	4A14	w/ some 4E4 ^{30% 4A4} bands throughout; minor bxia zones ^{15%} ~ 50% sdes overall
96.5		2940		3116			18	4A14	+ (1D4)
131.7		3116		4320			19	4A11	w/ minor 4E0 bands ^{@ 357.5 - 382.0 ft} ; 25-35% sde overall; generally base-metal deficient also minor 4C0 bands ^{MISSING CORE 316.5 - 357.5 ft}
147.1		4320		4827			110	4E11	*note: core missing 421-483 - from K.A. description only; possibly some 4C bands; v. minor 4E4
166.1		4827		5450			111	5B16	360?; v. minor SBO; uniform 2 bxia → 5B61
167.6		5450		5498			112	4L10	silvery white; gouge & minor bxia @ end of int.
172.5		5498		5660			113	5B16	360?; as unit 10 only w/ possible minor tuffaceous component 557-566
173.7		5660		5704			114	5A11	like 4A but v. minor scattered sdes
180.4		5704		5920			115	5B14	weakly altered (v.s) bleached appearance; broken core & gouge 570.4-576
181.5		5920		5955			116	4L17	strongly altered with thin s2 foliation
182.5		5955		5988			117	4H13	⁵⁰ 70% po ²⁵ 30% py. 5% SPHAL + KPLAND ?
183.3		5988		6015			118	4D17	~ 60% tot sdes.
184.4		6015		6050			119	4L10	minor sdes; mod → strong alt'n
186.2		6050		6103			120	5B16	v. weakly altered?

Code	From	To	Unit	Code	Description
	10	14	16	20	22 23 25 27
87.1	L 161103	161160	21	4L0	w/ minor sde (po) bxia; mod. → strongly alter'n; grad. inter laminated lower ct w/ 5A; sharp 4L/5A cts demonstrating the resistance of 5A to the alter'n process
93.2	L 161160	161340	22	5A0	lower ct grad. over a couple of feet.
195.8	L 161340	161423	23	5B16	v. weakly altered transition zone to 4L
208.9	L 161423	161855	24	4L2	complete white mica dev.; generally w/ 5% s2 foliiform py; sdes also occur in post D2 tension gashes
209.5	L 161855	161875	25	4D14	*core missing ^{DOLO} ^{ONE PIECE LEFT IN BOX} 685.5 - 687.5; (bxia)
210.4	L 161875	161902	26	4L0	minor Pb/Zn
211.7	L 161902	161947	27	4D14	*core missing ^{DOLO} ^{ONE PIECE LEFT IN BOX} 690.2 - 694.7; bxia
222.8	L 161947	173110	28	4L0	minor s2 foliiform py; minor 5D4 (w/ talc?)
224.9	L 173110	173800	29	5D16	^{mot} mottled; chlorite, talc phyllite
228.0	L 173800	174180	30	4L0	minor s2 foliiform Pb/Zn sdes; 6" band of 4C0 747.5 - 748.0
230.0	L 174180	17547	31	5D17	^{mot} mottled; Fe Mg CO ₃ bearing; chl, ankerite?, (quartz?) phyllite; no discernable talc; altered sc?
240.5	L 17547	17890	32	4L0	w/ tr sdes; mod → strong alt'n
246.3	L 17890	180180	33	5B16	3G0? w/ 30% 4L0 especially concentrated near top of interval; minor carb noted in biotite rich zone 802 - 805; entering bio. → chl. transition?
251.8	L 180180	182160	34	5B16	? 3G0?; zone of strongly sheared core w/ gouge and frags of grey phyllite w/ v minor bands 4L
253.3	L 182160	183110	35	5A0	? strongly sheared as above int. but dark grey to black in colour w/ graphitic streak.
254.2	L 183110	18340	36	5D10	^{mot} generally mottled with variety w/ some bxia zones
258.0	L 18340	18465	37	3G18	3G4 ; we; weak → mod alt'n; ± bio.
273.4	L 18465	18970	38	3G0	bio., staurolite, garnet, muscovite schist.

Structural Log

Code	From ft			To ft			Feature	SYM	S ₁		S ₂		Description
	10	14	16	20	22	24			26	28	32	34		38
													o/B 0-153'
S				1176.0			CISZ				55	21310	No sym 153'-248' (missing
S				1219.70			CISZ				70	21310	and heavily broken up core)
S				1248.0			IFZR						R region 248'-315.5'
S				1264.0			ISZ				53	21310	
S				1276.0			ISZ				51	21310	
S				1294.0			ISZ				39	21310	
S				1315.5			IFZR				63	21310	
													Core missing 315.5-357.0
S				1357.0			IFZ				55	21310	R region 357.0-403.0'
S				1371.00			ISZ				46	21310	-minor S1 // c.A. indicatio
S				1391.00			ISZ				58	21310	possible M region.
S				1403.0			IFZR				53	21310	M region 4.03.0-421'
S				1411.90			CISZ				55	21310	
S				1421.0			IFRM						
													Core missing 421.0-483.0
S				1483.0			CISZ				70	21310	Z region 483.0-527.0
S				1502.0			CISZ				61	21310	
S				1522.0			CISZ				65	21310	
S				1527.0			IFRZ						PS2 region 527.0-541.0
S				1541.0			IFRP				68	21310	Z region 541.0-551.0
S				1551.0			IFZ				68	21310	PS2 region 551.0-595.5
S				1565.0			PSZ				54	21310	(2 z's obs.)
S				1583.0			PSZ				58	21310	
S				1595.5			IFRP						R region 595.5-601.0
S				1601.0			IFZR				72	21310	Z region 601.0-616.0
S				6116.0			IFRZ				73	21310	R region 616.0-634.0
S				1634.0			IFZR				69	21310	Z region 634.0-660.0
S				1654.0			CISZ				80	21310	
S				1660.0			IFZ						R region 660.0-755.0
S				1671.0			ISZ				55	21310	
S				1685.0			ISZ				56	21310	
S				1705.0			ISZ				65	21310	
S				1724.5			ISZ				66	21310	
S				1745.0			ISZ				58	21310	
S				1755.0			IFZR						S region 755.0-775.0

Code	From			To			Sample No.	Description	LENGTH	RECOVERY
	10	14	16	20	22	27				
P	11530			11630			114011	K.A.	10.0	3.5
P	11630			11690			11402	"	6.0	6.0
P	11830			11897			11403	"	6.7	6.7
P	11897			11950			11404	"	5.3	5.3
P	11950			12015			11405	"	6.5	6.5
P	12036			12090			11406	"	5.4	5.4
P	12090			12140			11407	"	5.0	5.0
P	12140			12232			11408	"	9.2	9.2
P	12232			12285			11409	"	5.3	5.3
P	12310			12335			11410	"	2.5	2.5
P	12335			12380			11411	"	4.5	1.5
P	12380			12417			11412	"	3.7	3.7
P	12417			12443			11413	"	2.6	2.0
P	12443			12460			11414	"	1.7	1.7
P	12480			12495			11415	"	1.5	1.5
P	12545			12645			11416	"	10.0	9.5
P	12645			12680			11417	"	3.5	3.5
P	12680			12710			11418	"	3.0	1.0
P	12710			12810			11419	"	10.0	10.0
P	12810			12890			11420	"	8.0	8.0
P	12890			12990			11421	"	10.0	10.0
P	12990			13090			11422	"	10.0	10.0
P	13090			13155			11423	"	6.5	6.5
P	13155			13226			11424	"	7.1	7.1
P	13226			13300			11425	"	7.4	7.4
P	13300			13388			11426	"	8.8	8.8
P	13388			13445			11427	"	5.7	5.7
P	13445			13485			11428	"	4.0	4.0
P	13485			13575			11429	"	9.0	8.5
P	13575			13675			11430	"	10.0	10.0
P	13675			13775			11431	"	10.0	10.0

LOGGED 1980 / CHECKED & ASSAYED 1981

DDH F.A.G.A.O.26 Cyprus Anvil Mining Corp

Page _____ of _____
 Checked by _____
 Logged by GG

ASSAY LOG (SAMPLER'S COPY)

Date 5 Aug/81

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	11530			11630	1401	100			135	5B9			} WHOLE CORE SAMPLED BY K.A.	
P	11630			11690	1402	160			160	5B9				} SEE K.A. LOGS
	11690			11830	||||	140			170	5B6			LOW GRADE - NO SAMPLING.	
P	11830			11897	1403	167			167	5B9			}	
P	11897			11950	1404	53			53	4E4				
P	11950			12015	1405	165			165	4E4			}	
	12015			12036	||||	121				4E4				{ NO CORE IN BOX NO SAMPLE RECORDED BY K.A. } ⁴³⁷⁰⁷ NO RECOVERY?
P	12036			12090	1406	54			54	4E4			}	
P	12090			12140	1407	50			50	4E4				WHOLE CORE SAMPLED BY K.A.
P	12140			12232	1408	92			92	4E4			SEE K.A. LOGS	
P	12232			12285	1409	53			53	4E4			}	
	12285			12310	||||	125								{ NO CORE IN BOX NO SAMPLE RECORDED BY K.A. }
P	12310			12335	1410	25			25				}	
P	12335			12380	1411	15			15					
P	12380			12417	1412	37			37				}	
P	12417			12443	1413	20			26					
P	12443			12480	18783	37			37	4LD			+(4E4)	
P	12480			12540	18784	60			39	4LD			+(4E4)	
P	12540			12593	18785	53			53	4DA			+(4E4±1) → ? →	
P	12593			12646	18786	53			44	4DA			+(4E4±1) → 6 →	
P	12646			12678	18787	32			32	4DA			+(4E4±1)	
P	12678			12722	18788	44			25	4E6A			±1	
P	12722			12767	18789	45			38	4E6A			±1	
P	12767			12810	18790	43			43	4E11A			+(4AA)	
P	12810			12850	18791	40			37	4E11A			+(4AA)	
P	12850			12890	18792	40			40	4E11A			+(4AA)	
P	12890			12940	18793	50			50	4E11A			+(4AA)	
P	12940			12990	18794	50			50	4A4			+(4DA)	
P	12990			13040	18795	50			50	4A4			+(4DA)	
P	13040			13090	18796	50			50	4A4			+(4DA)	
P	13090			13165	18797	75			73	4A4			+(4DA)	
P	13165			13226	1424	61			61	4A113			} WHOLE CORE SAMPLED BY K.A.	
P	13226			13300	1425	74			74	4A113				} SEE K.A. LOGS.

UNITS = FEET

714 SECTIONS → LOGGING PLITTING

ASSAY LOG (SAMPLER'S COPY)

Date 4 Aug/81

Sampled by _____

UNITS = FEET

CODE	FROM				TO				SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
	10	14	16	20	22	26	28	30						32	34	36	40	42
P	13300		13388		1426	188	188				4A113	↑	
P	13388		13445		1427	157	157				4A113	WHOLE CORE SAMPLED BY K.A.	
P	13445		13485		1428	140	140				4A113	SEE K.A. LOGS	
P	13485		13575		1429	185	190				4A113	↓	
P	13575		13625		18798	50	50				4A113	+ (4E0)	
P	13625		13675		18799	50	50				4A113	+ (4E0)	
P	13675		13725		18800	50	50				4A113	+ (4E0)	
P	13725		13775		18651	50	50				4A113	+ (4E0)	
P	13775		13825		18652	50	50				4A113	+ (4E0)	
P	13825		13875		18653	50	50				4A113		
P	13875		13925		18654	50	50				4A113		
P	13925		13975		18655	50	50				4A113		
P	13975		14025		18656	50	48				4A113		
P	14025		14075		18657	50	50				4A113		
P	14075		14125		18658	50	50				4A113		
P	14125		14175		18659	50	50				4A113		
P	14175		14215		18660	40	40				4A113		
P	14215		14250		1437	35	35				4A141	↑	
P	14250		14320		1438	70	69				4A101		
P	14320		14420		1439	100	100				4E11	±4 WHOLE CORE SAMPLED BY K.A.	
P	14420		14520		1440	100	100				4E11	±4 SEE K.A. LOGS	
P	14520		14620		1441	100	100				4E11	±4	
P	14620		1472		1442	100	100				4E11	±4	
P	1472		14750		1443	30	30				4E11	±4	
P	14750		14827		1444	20	77				4E11	±4 ↓	
P	15955		15988		18661	33	33				4H31		
P	15988		16015		18662	27	27				4D71		
P	16855		16875		1446	20					4D41	BRECCIA // WHOLE CORE SAMPLED BY K.A. SEE K.A. LOGS.	
P	16875		16902		18663	27	27				4L10		
P	16902		16947		1448	42					4DA1	BRECCIA // WHOLE CORE SAMPLED BY K.A. SEE K.A. LOGS.	
END OF HOLE @ 877.0 ft													

Case	From		To		Feature	S ₁ E	S ₀		S ₁		S ₂		Description
	10	14	16	20			22	24	26	28	32	34		38	40	44
	11530		11690		NNN								
	11830		11897		NNN								
	11690		11830		GP5								
	1183		12443		NNN								
	1183		(2443)		D?								
	12285		(2540)		IX6								
			2540		GP								
	1254		12678		D								
	12767		12940		D								
	13165		13575		NNN								
	14210		14830		NNN								
			15498		IX								
	15704		15760		BE								
	16103		16160		D								
	16855		16875		NNN								
	16855		16875		D								
	16902		16974		NNN								
	16902		16974		D								
	1808		18260		3SE								
	18260		18310		3S								
	18310		18340		IX								
	12443		12540		IX6								

delete
228.5
244.3

completed
Nov 16/84
LUP

DIAMOND DRILL RECORD

LOGGED BY Stanley Reamsbottom

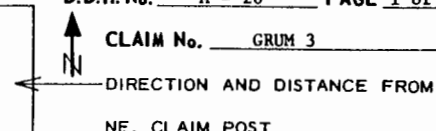
PROPERTY Vangorda - Kerr Addison - AEX - Joint Venture

D.D.H. No. A - 26 PAGE 1 of 4

LATITUDE 10 580.88 N 3rd BEARING OF HOLE STARTED August 2/74

CLAIM No. GRUM 3

DEPARTURE 7785.18 E 69W DIP OF HOLE Vertical COMPLETED August 10/74



ELEVATION 709.8 P.A. Topog. 4183' A.S.L. (1257.67m) DIP TESTS DEPTH Ultimate: 897' (273.41m)

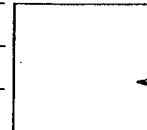
FOOTAGE		DESCRIPTION	Rec. Ft.	Sample No.	Footage		Sample Length	Assay					Assay x Feet		
FROM	TO				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag
0	153	OVERBURDEN. Abundant granitic boulders.	3.5/10	401	153	163	10	1.55	3.84	.74			15.5	38.9	7.4
153	189.7	Weathered, Rusty MINERALIZED QUARTZ-FELDSPAR GREY PHYLLITE. Mineralization. Fine grained disseminated, pyrite, sphalerite. Minor galena arsenopyrite. Sections of grey phyllite non mineralized. Fractures rusty with limonite Grade 2-5% Core angle 180° = F ₁ subvertical F ₂ = 62°	6/6 6.7/6.7	402 403	163 183	169 189.7	6 6.7	2.30 2.00	5.16 3.24	.83 .59			13.8 13.4	30.76 21.7	4.98 2.95
189.7	228.5	MASSIVE PYRITIC SULPHIDE: 70-80% SULPHIDE. Well defined banding, locally brecciated ex 204-207. Grade: 8-12% lead-zinc: zinc > lead Core angles: 200 = 45°, 208 - subvertical fold nose, 218- subvertical nose	53/53 65/65 54/54	404 405 406	189.7 195 203.6	195 201.5 209	5.3 6.5 5.4	4.13 5.55 7.80	9.96 13.2 17.55	2.94 2.02 3.82			21.89 36.01 42.12	57.79 85.8 94.77	15.58 19.8 20.62
228.5	254.5	BLEACHED SERICITE QUARTZ PHYLLITE with bands of massive zinc rich sulphides. Phyllite locally brecciated. Note. Sulphide fragments in breccia zone. Sulphides: pyrite, amber, sphalerite, galena. Grade in massive bands. 10-12% lead zinc and 6-8 with schist included. Core angles: 240=65° Note: 249.5-254.5 Bleached, barren sericite phyllite.	5/5 92/92 53/53 25/25	407 408 409 410	209 214 223.2 231	214 223.2 228.5 233.5	5 9.2 5.3 2.5	6.30 7.35 3.30 3.15	14.45 15.54 11.67 6.24	3.00 3.41 1.50 1.50			31.50 47.62 17.49 7.88	72.25 142.11 61.55 15.6	15.00 21.27 7.95 3.75
254.5	315.5	Banded SPHALERITE RICH SULPHIDE in striped quartz-feldspar, graphitic phyllite: 70% sulphides, some bands (1-2') of massive pyritic sulphide. Sulphides: mainly deep purplish red sphalerite, pyrite, galena, chalcopryrite in tension fractures. Grade 10-15% lead zinc. Core angles: 260°=40°, 280°=42°, 300°=53° Note F ₁ folds: core angles locally subvertical	15/45 47/47 2/2.6 17/17 15/15	411 412 413 414 415	233.5 238 241.7 244.3 249.5	238 241.7 244.3 249.5	4.5 3.7 2.6 1.7 1.5	.53 3.68 6.60 .69 6.90	1.44 8.04 16.3 1.00 14.22	.29 1.85 3.09 .32			2.38 13.62 17.16 1.17	6.48 29.75 42.38 1.7	1.31 6.85 8.03 2.99
315.5	432	MINERALIZED STRIPED QUARTZ-FELDSPAR GRAPHITIC PHYLLITE. 25-40% sulphide - disseminated, or concentrated in thin bands along both F ₁ and F ₂ . Mainly pyrite with sphalerite, galena, chalcopryrite. Grade mainly 4-7% lead zinc, with local zones 8-12% lead zinc.	95/10 35/35 1/3 10/10 8/8 10/10 10/10 65/65	416 417 418 419 420 421 422 423	254.5 264.5 268 271 281 289 299 309 315.5	264.5 268 271 281 289 299 309 315.5	10 3.5 3 10 8 10 10 6.5	6.53 8.40 9.30 8.25 9.60 5.85 6.15 6.23	13.92 14.10 19.50 15.8 18.9 7.44 9.00 7.56	3.24 4.15 6.24 3.82 5.00 3.09 3.09 2.44			65.3 29.4 77.9 82.5	139.2 49.35 58.50 158.0	32.4 14.53 18.72 38.70
			8/8 10/10 65/65	420 421 422 423	281 289 299 309	289 299 309 315.5	8 10 10 6.5	9.60 5.85 6.15 6.23	18.9 7.44 9.00 7.56	5.00 3.09 3.09 2.44			76.8 58.5 61.5 40.50	151.2 74.4 10.0 47.19	40.0 30.9 30.9 15.85
			71/71 74/74	424 425	315.5 322.6	322.6 330	7.1 7.4	1.58 3.08	1.06 3.72	.65 1.03			4.21 22.79	7.83 27.52	7.61 7.62
			88/88 57/57	426 427	330 338.8	338.8 344.5	8.8 5.7	.32 1.38	.74 1.35	.18 .50	0.7m 1.7m		2.81 7.96	6.5 7.69	1.58 2.85

DIAMOND DRILL RECORD

LOGGED BY Stanley Reamsbottom

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

D.D.H. No. A - 26 PAGE 2 of 4



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
		Note F ₂ fold, noses, core angles subvertical. Local breccia zones ex 345-47; 389-93; 421-425;	4/4	428	344.5	348.5	4	7.05	8.04	2.85			28.2	32.16	11.40
		Core angles: 320' - 45°; 340' - 45°; 360' - F ₁ subvertical F ₂ = 33°; 360' - 56°; 400' - F ₁ subvertical F ₂ 45°; 420' - F ₂ 45°	8.5/9	429	348.5	357.5	9	1.35	3.00	.59			10.72	22.50	4.42
			10/10	430	357.5	367.5	10	1.28	1.35	.71					
			10/10	431	367.5	377.5	10	.18	1.10	.88			7.8	PbZn	
			9.5/10	432	377.5	387.5	10	.14	.92	.32			10.6	"	
			10/10	433	387.5	397.5	10	.07	.65	.18			7.2	"	
			9/10	434	397.5	407.5	10	.35	1.74	.41			20.9	"	
			10/10	435	407.5	417.5	10	.01	1.34	.15			13.5	"	
			4/4	436	417.5	421.5	4	.18	1.04	.21			4.88	"	
			35/35	437	421.5	425	3.5	3.98	4.20	1.88			13.93	14.7	6.52
			6.9/7	438	425	432	7.0	1.50	1.43	.83			10.50	10.01	5.81
432.0	482.7	MASSIVE PYRITIC SULPHIDE (70-85% sulphide). Banded, locally, pyrite, red sphalerite, galena, blebs of chalcopyrite. Grade varies 6-10% lead, zinc. Core angle: 440'-70°; 460'-63°; 483'-68°	10/10	439	432	442	10	2.33	2.40	1.21			23.3	24.0	12.1
			10/10	440	442	452	10	4.73	4.02	1.91			47.3	40.2	19.1
			10/10	441	452	462	10	3.08	2.88	1.41			30.8	28.8	14.1
			10/10	442	462	472	10	1.33	2.28	.80			13.3	22.8	8.0
			3/3	443	472	475	3	3.00	3.54	1.35			9.0	10.62	4.05
			2/7.7	444	475	482.7	7.7	2.08	3.48	1.03			16.01	26.79	7.93
482.7	544	GREY PHYLLITE. Striped, quartz-feldspar laminae. Good F ₁ + F ₂ . Blebs pyrrhotite, pyrite. Core angle: 500'-60°; 520'-60° F ₂ ; 540'-62°		(11.33m)	199.7	228.5	38.8	5.58	13.16	2.34	wt. Av.		216.63	510.43	110.73
				X (5.3m)	238.0	249.5	11.5	1.68	8.27	1.80	wt. Av.		42.30	95.16	20.72
					228.5	246.0	17.5	2.41	5.46	1.17	wt. Av.		42.21	75.17	20.48
544	566	BLEACHED SERICITE CHLORITE PHYLLITE with thin zones of grey phyllite. Minor sphalerite, galena, pyrite. Core angle: 560' - 50°		(11.6)	257.5	318.5	61.0	7.25	12.61	3.63	wt. Av.		442.4	789.59	221.5
				(2.7)	221.0	330.0	9.0	2.81	3.24	.96	wt. Av.		25.31	29.21	8.66
				2.5	547.5	554.0	11.5	3.30	4.75	1.35	wt. Av.		59.22	44.66	15.82
566	571	BLACK GRAPHITIC PHYLLITE. Blebs of sphalerite, pyrrhotite, pyrite.		16.5	567.5	421.5	54.0	1.29	PbZn		wt. Av.		69.88	PbZn	
				6.2	421.5	492.0	20.5	2.32	2.37	1.19	wt. Av.		47.73	48.71	24.99
571	595.5	BLEACHED SERICITE PHYLLITE: (sericite, chalcopyrite, galena) Thin bands of pyrite, pyrrhotite. Core angle 560 - 40° F ₂		6.1	442.0	462.0	20.0	3.71	3.45	1.66	wt. Av.		78.2	69.0	33.2
				6.3	462.0	452.7	20.7	1.85	2.91	.97	wt. Av.		38.31	60.21	19.98
595.5	601.4	MASSIVE BANDED PYRRHOTITE SULPHIDE. Pyrrhotite, pyrite, sphalerite galena, chalcopyrite. 90% sulphide Core angle 660'-50°		12.8	482.7	575.5	—	—	—	—	—		—	—	—
				59/59	445	595.5	601.4	5.9	3.38	3.60	1.09				

FAGA201

DCH	SAMPLE	----DEPTHS----		INT	REC	ROCK	S.G.	CU	PB	ZN	AG	AU	PO	PY	BAO	PB+ZN	PO+PY	ZN
		FROM	TO	M	%	UNIT		%	%	%	G/MT	G/MT	%	%	%	%	%	RATIO
FAGA2C1	5401	120.9	122.0	1.1	100	4G4	3.71	.07	4.15	6.50	72.0	.69				10.65		.61
	5402	130.9	131.9	1.0	100	4C3	3.49	.10	1.75	1.83	38.0	.41				3.58		.51
	5403	131.9	132.9	1.0	100	4C3	3.63	.25	.59	.43	20.0	.62				1.02		.42
	5404	132.9	134.4	1.5	40	4A0	2.80	.06	.04	.04	4.0	.14				.08		.50
	5405	134.4	135.9	1.5	47	4A0	2.92	.09	.04	.03	4.0	.34				.07		.43
	5406	135.9	137.4	1.5	80	4A0	2.89	.04	.01	.02	2.0	.21				.03		.67
	5407	137.4	138.9	1.5	93	4A0	2.86	.02	.04	.02	2.0	.07				.06		.33
	5408	138.9	140.4	1.5	93	4A0	2.88	.06	.05	.02	5.0	.21				.07		.29
	5409	140.4	141.9	1.5	93	4A0	2.82	.07	.16	.20	5.0	.55				.36		.56
	5410	141.9	143.0	1.1	91	4C37	3.57	.19	.94	.68	20.0	.14				1.62		.42
	5411	143.0	144.1	1.1	100	4C37	3.28	.17	.84	.45	19.0	.27				1.29		.35
	5412	146.3	147.8	1.5	100	4A0	2.86	.05	.01	.03	3.0	.07				.04		.75
	5413	147.8	149.3	1.5	100	4A0	2.86	.07	.07	.05	3.0	.14				.12		.42
	5414	149.3	150.8	1.5	93	4A0	2.92	.04	.05	.06	3.0					.11		.55
	5415	150.8	152.3	1.5	93	4A0	2.92	.04	.05	.04	2.0					.09		.44
	5416	152.3	153.7	1.4	100	4A0	2.96	.04	.23	.20	4.0					.43		.47
	5417	172.4	173.7	1.3	92	4C0	4.12	.37	1.71	1.36	31.0	1.37				3.07		.44
	5418	173.7	174.6	.9	100	4A3	2.87	.03	.02	.04	2.0	.07				.06		.67
	5419	186.0	187.1	1.1	100	4G4#	4.10	.19	5.03	4.87	80.0	.82	6.76	15.70		9.90	22.46	.49
	5420	187.1	188.2	1.1	100	4C83	3.44	.12	2.54	2.77	36.0	.41	8.17	15.00		5.31	23.17	.52
	5421	188.2	189.2	1.0	100	4E4#	3.70	.65	3.16	2.88	43.0	1.37	11.66	17.50		6.04	29.16	.48
	5422	189.2	190.1	.9	100	4E4#	3.54	.17	3.21	3.15	41.0	.48	6.06	15.00		6.36	21.06	.50
	5423	190.1	191.6	1.5	100	4C83	3.69	.24	1.68	1.09	39.0	.48	8.38	20.10		2.77	28.48	.39
	5424	191.6	193.1	1.5	100	4C83	4.25	.36	1.94	1.29	41.0	.75	11.56	24.60		3.23	36.16	.40
	5425	193.1	194.6	1.5	100	4C83	4.25	.29	1.56	1.02	35.0	1.03	8.76	26.80		2.58	35.56	.40
	5426	194.6	196.1	1.5	100	4D83	4.15	.22	3.48	2.90	67.0	.89	8.44	27.80		6.38	36.24	.45
	5427	196.1	197.6	1.5	87	4C83	3.58	.23	1.06	.69	21.0	.27	9.63	20.00		1.75	29.63	.39
	5428	197.6	199.1	1.5	93	4C83	3.71	.34	.74	.24	19.0	.55	10.24	20.60		.98	30.84	.24
	5429	199.1	200.6	1.5	100	4C83	4.17	.36	1.76	.95	33.0	.89	10.42	25.00		2.71	35.42	.35
	5430	200.6	202.1	1.5	93	4C83	4.15	.27	1.91	1.26	40.0	1.17	8.76	25.10		3.17	33.86	.40
	5431	202.1	203.1	1.0	100	4C83	3.93	.12	.61	.22	17.0	.48	10.94	22.50		.83	33.44	.27
	5432	203.1	204.0	.9	89	4C83	3.23	.08	.91	.44	16.0	.34	4.10	12.40		1.35	16.50	.33
	5433	204.0	205.2	1.2	92	4A0	2.87	.13	.49	.76	11.0	.34				1.25		.61
	5434	205.2	206.4	1.2	75	4A0	3.09	.15	.61	.42	13.0	.48				1.03		.41
	5435	206.4	207.6	1.2	92	4A0	2.99	.18	1.05	.64	17.0	.62				1.69		.38

DRILL HOLE : FAGA2C1
NORTHING : 904,635.3
EASTING : 592,512.1
ELEVATION : 1,269.0
TOTAL DEPTH : 243.2
SECTION : W 61
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS CRE-SAMPLES: 35
NOS DOWN-H-SURVEYS: 7
NOS DOWN-H-LITHOLOGY: 32
NOS DOWN-H-STRUCTURE: 47
NOS DOWN-H-FAULTS: 24
NOS DOWN-H-SPLINES: 7
NOS COMPOSITES: 0

DDH: FAGA201 UTM-N: 904,635.3 UTM-E: 592,512.1 UTM-ELEV: 1,269.0 TOTAL DEPTH: 243.2 SECTION: W 61
 RFE: S2 RFE DIR: 230 FLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

---DEPTHS---		SAMPLE NO.	INT.	REC.	ROCK UNIT	S.G. PULP	CU %	Pb %	ZN %	AG(AA) G/MT	AG(FA) G/MT	ASSAYS								S.G. W.R.
FROM	TO											AU(FA) G/MT	PO %	PY %	TCT FE	BAC %	HG %	MN %	AS %		BA %
120.9	122.0	05401	1.1	1.1	4G4	3.71	.07	4.15	6.50	72.00		.69								
130.9	131.9	05402	1.0	1.0	4C3	3.49	.10	1.75	1.33	38.00		.41								
131.9	132.9	05403	1.0	1.0	4C3	3.63	.25	.59	.43	20.00		.62								
132.9	134.4	05404	1.5	.6	4A0	2.80	.06	.04	.04	4.00		.14								
134.4	135.9	05405	1.5	.7	4A0	2.92	.09	.04	.03	4.00		.34								
135.9	137.4	05406	1.5	1.2	4A0	2.89	.04	.01	.02	2.00		.21								
137.4	138.9	05407	1.5	1.4	4A0	2.86	.02	.04	.02	2.00		.07								
138.9	140.4	05408	1.5	1.4	4A0	2.88	.06	.05	.02	5.00		.21								
140.4	141.9	05409	1.5	1.4	4A0	2.82	.07	.16	.20	5.00		.55								
141.9	143.0	05410	1.1	1.0	4C37	3.57	.19	.94	.68	20.00		.14								
143.0	144.1	05411	1.1	1.1	4C37	3.28	.17	.84	.45	19.00		.27								
146.3	147.8	05412	1.5	1.5	4A0	2.86	.05	.01	.03	3.00		.07								
147.8	149.3	05413	1.5	1.5	4A0	2.86	.07	.07	.05	3.00		.14								
149.3	150.8	05414	1.5	1.4	4A0	2.92	.04	.05	.06	3.00										
150.8	152.3	05415	1.5	1.4	4A0	2.92	.04	.05	.04	2.00										
152.3	153.7	05416	1.4	1.4	4A0	2.96	.04	.23	.20	4.00										
172.4	173.7	05417	1.3	1.2	4C0	4.12	.37	1.71	1.36	31.00		1.37								
173.7	174.6	05418	.9	.9	4A3	2.87	.03	.02	.04	2.00		.07								
186.0	187.1	05419	1.1	1.1	4G4#	4.10	.19	5.03	4.87	80.00		.82	6	15	22					
187.1	188.2	05420	1.1	1.1	4C83	3.44	.12	2.54	2.77	36.00		.41	8	15	23					
188.2	189.2	05421	1.0	1.0	4E4#	3.70	.65	3.16	2.88	43.00		1.37	11	17	29					
189.2	190.1	05422	.9	.9	4E4#	3.54	.17	3.21	3.15	41.00		.48	6	15	21					
190.1	191.6	05423	1.5	1.5	4C83	3.69	.24	1.68	1.09	39.00		.48	8	20	28					
191.6	193.1	05424	1.5	1.5	4C83	4.25	.36	1.94	1.29	41.00		.75	11	24	36					
193.1	194.6	05425	1.5	1.5	4C83	4.25	.29	1.56	1.02	35.00		1.03	8	26	35					
194.6	196.1	05426	1.5	1.5	4C83	4.15	.22	3.48	2.90	67.00	60.00	.89	8	27	36					
196.1	197.6	05427	1.5	1.3	4C83	3.58	.23	1.06	.69	21.00		.27	9	20	29					
197.6	199.1	05428	1.5	1.4	4C83	3.71	.34	.74	.24	19.00		.55	10	20	30					
199.1	200.6	05429	1.5	1.5	4C83	4.17	.36	1.76	.95	33.00		.59	10	25	35					
200.6	202.1	05430	1.5	1.4	4C83	4.15	.27	1.91	1.26	40.00		1.17	8	25	33					
202.1	203.1	05431	1.0	1.0	4C83	3.93	.12	.61	.22	17.00		.48	10	22	33					
203.1	204.0	05432	.9	.8	4C83	3.23	.08	.91	.44	16.00		.34	4	12	16					
204.0	205.2	05433	1.2	1.1	4A0	2.87	.13	.49	.76	11.00		.34								
205.2	206.4	05434	1.2	.9	4A0	3.09	.15	.61	.42	13.00		.48								
206.4	207.6	05435	1.2	1.1	4A0	2.99	.18	1.05	.64	17.00		.62								
WEIGHTED AVERAGE																				
120.9	122.0		1.1	1.1		3.71	.07	4.15	6.50	72.00		.69								
130.9	144.1		13.2	10.8		3.06	.09	.36	.30	10.14		.28								
146.3	153.7		7.4	7.2		2.90	.04	.08	.07	2.96		.04								
172.4	174.6		2.2	2.1		3.60	.23	1.01	.82	19.13		.83								
186.0	207.6		21.6	20.6		3.73	.24	1.83	1.43	33.82	4.16	.68	7	17	25					

CDM: FAGAZ01 UTM-N: 904,635.3 UTM-E: 592,512.1 UTM-ELEV: 1,269.0 TOTAL DEPTH: 243.2 SECTION: W 61
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
83.200	179.000	213.000
113.700	177.800	251.000
144.200	177.200	130.000
174.600	174.500	105.000
205.100	173.900	98.000
235.600	173.800	63.000

DDH: FAGA201 UTM-N: 904,635.3 UTM-E: 592,512.1 UTM-ELEV: 1,269.0 TOTAL DEPTH: 243.2 SECTION: W 61
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	INC
51.0	OC01	A		0.5-	1
65.2	OC02	5DC		0.5-	1
111.6	OC03	5B62	(5A0)	0.5-	1
120.9	OC04	5AC		0.5-	1
122.0	OC05	4G4	(4L1) (5C4*) MINOR	0.5-	1
127.2	OC06	5B26		0.5-	1
130.9	OC07	5B6	(4L0) MINCR PY + PO STRINGERS	0.5-	1
132.9	OC08	4C3	8# 88 BOTH MINOR	0.5-	1
141.9	OC09	4AC	(4L1) MINOR	0.5-	1
144.1	OC10	4C37	8# (4A0) (5D4*) BOTH MINCR	0.5-	1
145.8	OC11	5A16		0.5-	1
146.3	OC12	4LC		0.5-	1
153.7	OC13	4AC	(4L) MINDR	0.5-	1
158.2	OC14	5B20	(4L0) (4C7) MINOR	0.5-	1
159.0	OC15	10C0-		0.5-	1
159.5	OC16	4LO		0.5-	1
164.7	OC17	5A0		0.5-	1
171.7	OC18	4LC		0.5-	1
172.4	OC19	5AC		0.5-	1
173.7	OC20	4C3	87 89 88 ALL MINOR	0.5-	1
174.6	OC21	4A0	8# MINOR	0.5-	1
186.0	OC22	4LO		0.5-	1
187.1	OC23	4G4#	BXA	0.5-	1
188.2	OC24	4C83		0.5-	1
190.1	OC25	4E4#	(4A3)	0.5-	1
204.0	OC26	4C83	8# (4G4) (4L0) BOTH MINOR	0.5-	1
207.6	OC27	4A0		0.5-	1
209.8	OC28	5A0		0.5-	1
216.7	OC29	5AC	(5B2)	0.5-	1
220.2	OC30	3B3	BIO [3F8?]	0.5-	1
238.8	OC31	3G0	BIO GAR. AND.	0.5-	1
243.2	OC32	3F8?	BIO [3B3?]	0.5-	1

DDH: FAGA201 UTM-N: 904,635.3 UTM-E: 592,512.1 UTM-ELEV: 1,269.0 TOTAL DEPTH: 243.2 SECTION: W 61
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DMD CALC: 1 SS CALC: 1

DDH	F. DEPTH	T DEPTH	FEAT	SYMTRY	SC	ANGLE	DIRECT	S1	ANGLE	DIRECT	S2	ANGLE	DIRECT	RFE	COE	DHDC	SDC	PRCESS
FAGA201	0.0	53.3	CS2			0	0	0	0	64	230	C	1	1	1			1
FAGA201	0.0	59.6	CS2			C	0	C	0	66	230	C	1	1	1			1
FAGA201	51.0	60.7	CS2	S		0	0	0	0	0	0	C	1	1	1			1
FAGA201	60.7	65.2	CS2	C		0	C	C	C	0	0	C	1	1	1			1
FAGA201	0.0	67.2	PS2			0	0	0	C	59	230	C	1	1	1			1
FAGA201	65.2	68.8	PS2	P		G	0	C	C	0	0	C	1	1	1			1
FAGA201	0.0	72.7	CS2			0	0	0	C	78	230	C	1	1	1			1
FAGA201	0.0	78.5	CS2			0	0	0	C	85	230	C	1	1	1			1
FAGA201	0.0	85.1	CS2			0	0	0	C	76	230	C	1	1	1			1
FAGA201	68.8	85.1	CS2	Z		0	0	0	C	0	0	C	1	1	1			1
FAGA201	0.0	90.1	CS2			C	C	C	C	81	230	C	1	1	1			1
FAGA201	0.0	95.4	CS2			C	0	0	G	80	230	C	1	1	1			1
FAGA201	0.0	99.4	CS2			0	0	0	C	75	230	C	1	1	1			1
FAGA201	0.0	104.5	CS2			0	C	C	C	77	230	C	1	1	1			1
FAGA201	85.1	105.3	CS2	S		0	0	C	C	0	C	C	1	1	1			1
FAGA201	0.0	110.0	PS2			0	C	C	C	75	230	0	1	1	1			1
FAGA201	105.3	110.5	PS2	P		0	0	0	C	0	0	C	1	1	1			1
FAGA201	0.0	116.7	CS2			C	0	0	C	72	230	C	1	1	1			1
FAGA201	110.5	120.9	CS2	M		0	0	0	C	0	0	C	1	1	1			1
FAGA201	0.0	123.8	PS2			0	0	0	C	58	230	C	1	1	1			1
FAGA201	0.0	128.1	PS2			0	0	0	C	38	230	C	1	1	1			1
FAGA201	120.9	132.9	PS2	P		0	0	0	0	0	0	C	1	1	1			1
FAGA201	0.0	136.9	CS2			0	0	0	C	53	230	C	1	1	1			1
FAGA201	0.0	141.2	CS2			0	0	0	C	55	230	C	1	1	1			1
FAGA201	132.9	141.9	CS2	D		0	0	0	C	0	C	C	1	1	1			1
FAGA201	141.9	146.3	PS2	P		0	0	0	0	0	0	0	1	1	1			1
FAGA201	0.0	151.1	CS2			0	0	0	C	49	230	C	1	1	1			1
FAGA201	0.0	157.6	CS2			0	0	0	0	75	230	C	1	1	1			1
FAGA201	0.0	163.5	CS2			0	0	0	C	60	230	C	1	1	1			1
FAGA201	146.3	167.2	CS2	S		C	0	0	C	0	0	C	1	1	1			1
FAGA201	0.0	168.7	CS2			0	0	0	0	48	230	C	1	1	1			1
FAGA201	0.0	171.7	CS2			0	0	0	0	43	230	C	1	1	1			1
FAGA201	167.2	172.4	CS2	Z		0	0	0	0	0	0	C	1	1	1			1
FAGA201	172.4	173.7	PS2	P		0	C	0	C	0	0	C	1	1	1			1
FAGA201	0.0	178.3	CS2			0	C	0	0	56	230	0	1	1	1			1
FAGA201	0.0	183.8	CS2			0	0	0	C	44	230	C	1	1	1			1
FAGA201	173.7	186.0	CS2	S		0	0	0	C	0	0	C	1	1	1			1
FAGA201	0.0	188.1	PS2			0	C	0	C	37	230	C	1	1	1			1
FAGA201	0.0	194.2	PS2			0	C	0	0	71	230	0	1	1	1			1
FAGA201	0.0	201.0	PS2			0	0	0	C	52	230	C	1	1	1			1
FAGA201	0.0	206.5	PS2			0	0	0	C	60	230	0	1	1	1			1
FAGA201	0.0	216.4	PS2			0	C	C	C	80	230	C	1	1	1			1
FAGA201	0.0	222.8	PS2			0	0	0	0	70	230	0	1	1	1			1
FAGA201	0.0	228.5	PS2			0	0	0	0	46	230	C	1	1	1			1
FAGA201	0.0	234.6	PS2			0	0	0	C	50	230	0	1	1	1			1
FAGA201	0.0	239.0	PS2			0	0	0	C	66	230	C	1	1	1			1
FAGA201	186.0	243.2	PS2	P		0	C	0	C	0	0	0	1	1	1			1

DDH: FAGA201 UTM-N: 904,635.3 UTM-E: 592,512.1 UTM-ELEV: 1,269.0 TOTAL DEPTH: 243.2 SECTION: W 61
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DMC CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT REC CD	PARLL	UPPER PLANE	INTERNAL PLANE	LOWER PLANE	DHD			
FAGA201	51.0	51.7	GB		0	0	C	C	0	0	1
FAGA201	64.5	64.7	G		0	0	0	C	0	0	1
FAGA201	64.8	64.9	G		0	0	C	C	0	0	1
FAGA201	65.2	65.3	G		0	0	0	G	0	0	1
FAGA201	85.5	85.8	G		0	0	C	C	0	0	1
FAGA201	101.3	101.4	X		0	0	C	C	0	0	1
FAGA201	130.6	130.8	D?		0	0	C	C	0	0	1
FAGA201	141.9	144.1	D		0	0	C	C	0	0	1
FAGA201	148.7	148.8	X?		0	0	C	C	0	0	1
FAGA201	153.2	153.4	X1G		0	0	C	C	0	0	1
FAGA201	153.7	153.8	G		0	0	C	C	0	0	1
FAGA201	165.3	166.4	G		0	0	C	C	0	0	1
FAGA201	179.8	180.4	G		0	0	C	C	0	0	1
FAGA201	180.6	180.7	G		0	0	C	C	0	0	1
FAGA201	181.0	181.3	G		0	0	G	C	0	0	1
FAGA201	185.1	185.9	G		0	0	C	C	0	0	1
FAGA201	186.0	187.4	D		0	0	C	0	0	0	1
FAGA201	187.9	188.1	0		0	0	C	C	0	0	1
FAGA201	189.8	191.8	D		0	0	C	0	0	0	1
FAGA201	196.2	196.6	S		0	0	C	C	0	0	1
FAGA201	202.5	203.3	D		0	0	C	C	0	0	1
FAGA201	203.3	204.0	G		0	0	C	C	0	0	1
FAGA201	204.6	207.6	B		0	0	C	C	0	0	1
FAGA201	207.6	209.8	GF		0	0	0	C	0	0	1

DDH: FAGA201 UTM-N: 904,635.3 UTM-E: 592,512.1 UTM-ELEV: 1,269.0 TOTAL DEPTH: 243.2 SECTION: W 61
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGA201	1	2
FAGA201	2	2
FAGA201	3	2
FAGA201	4	2
FAGA201	5	2
FAGA201	6	2
FAGA201	7	1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: BO-A-201

Fabric Orientation Diagram:
C.A.

Project: GRUM

Location: VANGORDA PLATEAU

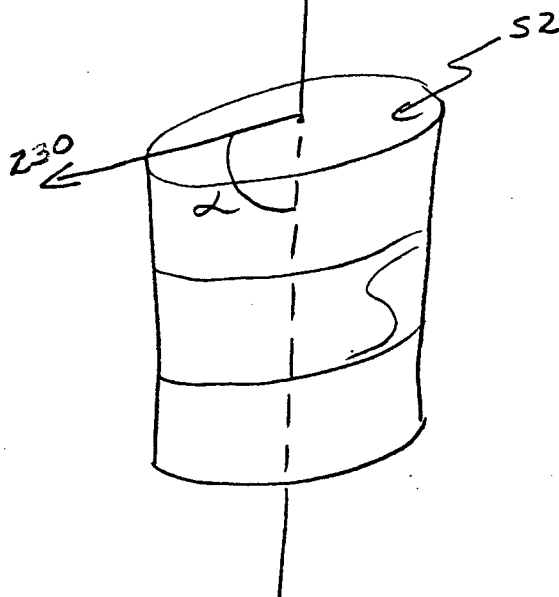
Claim: _____

UTM ~~Terr.~~ Plane
Co-ords.: 6904635.283 N

CAMC Mine
Survey
Grid
Co-ords.: 592512.115 E

Co-ords.: 61W/BL

Elevation: 1268.979m



All symmetry determinations looking

NW with S2 dipping

230 with dip azimuth 230.

Total Depth: 243.2m

Purpose: _____

Logged by: PN

Date(s) Logged: SEPT. 17, 18, 21 / 80

Drilling Contractor:	<u>Arctic D.D.</u>	Core:	Size	From	To	Collar Cased and Capped:
			<u>NQ</u>	<u>0</u>	<u>EoH</u>	_____
			_____	_____	_____	
			_____	_____	_____	

Started: _____ Completed: _____

DDH 80-A201
2 8 8

Diamond Drill Core Log

Code	Drillhole			Elevation			Northing			Easting			Comments
	1	2	8	10	16	17	24	25	32	34	41		
T	80-A201			1126.9	0.0	904.6	35.3	592.5	12.0	METERS			

Code	Drillhole			Depth			Zenith Angle			True Azimuth			Comments
	1	2	8	10	14	22	26	28	32	34	56		
R	80-A201			0	0	180.0				AT COLLAR			
R	80-A201			18.3	2	179.0	2	13.0					
R	80-A201			113.7		177.8	25	1.0					
R	80-A201			144.2		177.2	130.0						
R	80-A201			174.6		174.5	105.0						
R	80-A201			205.1		173.9	98.0						
R	80-A201			235.6		173.8	63.0						
R													
R													
R													
R													
R													
R													
R													

Code	Drillhole			Comments, Errant Remarks, Snivellings and /or Lewd Suggestions																																																																																																																																														
	1	2	8	10	17	24	25	32	34	41	47	54	61	68	75	82	89	96	103	110	117	124	131	138	145	152	159	166	173	180	187	194	201	208	215	222	229	236	243	250	257	264	271	278	285	292	299	306	313	320	327	334	341	348	355	362	369	376	383	390	397	404	411	418	425	432	439	446	453	460	467	474	481	488	495	502	509	516	523	530	537	544	551	558	565	572	579	586	593	600	607	614	621	628	635	642	649	656	663	670	677	684	691	698	705	712	719	726	733	740	747	754	761	768	775	782	789	796	803	810	817	824	831	838	845	852	859	866	873	880	887	894	901	908	915	922	929	936	943	950	957	964	971	978	985	992
C	80-A201			NO COLLAR SURVEY																																																																																																																																														

Core	From	To	Unit	Code	Description
	10 14 16 20 22 23 25 27				
L	11100	15110	11		o/B truncated
L	15110	16152	2	5D10	gouge & broken rock 51.0-51.7 m; gouge 64.5-64.7, 64.8-64.9 m;
L	16152	111116	3	51BA	gouge 65.2-65.3 m; 5B26 interbanded w/ 5A0; minor py; gouge 85.5-85.8 m; brecciated 101.3-101.4 w/ subangular phyllite clasts in qtz-calc. matrix; few 5D0 interbands from 111.2-111.5 m;
L	111116	11209	14	51A10	minor py, po blebs;
L	11209	11220	5	41G14	4L1 w/ PbZn bands + py blebs (3% PbZn) 120.9-121.0 m; mottled 5D0 121.0-121.4 m; 15% PbZn; honey-colored sph; 4C0 121.9-122.0 m (<3% PbZn);
L	11220	11272	16	51B12	6; few minor PbZn bands at ToI; calcareous transition sph fillings;
L	11272	11309	17	51B16	w/ 4L0 interbands; 5A6 w/ minor py & po stringers, 129.0-129.2 m; 4A37 130.6-130.9 m (<5% PbZn); breccia 130.6-130.8 m w/ graphitic clasts in py-po sulph. matrix;
L	11309	11329	18	41D4	5% PbZn; minor ^{boudinaged} sericitic layers; slightly calcareous; few mt blebs; 4C0 130.9-131.0, 132.3-132.9 m. w/ qtz-calc. lenses;
L	11329	11419	9	41A13	4L1 136.9-137.6 m; minor po blebs;
L	11419	11441	10	41C10	7; brecciated qtz-calc. bands in sulph. matrix 4A0 142.4-142.6, 142.8-142.9, 143.1-143.3 m; 4L0 w/ monosite (?) 142.1-142.2, 142.9-143.0 m;
L	11441	11458	11	51A11	6 w/ minor py;
L	11458	11463	12	41L10	w/ minor py;
L	11463	11537	13	41A13	w/ few 4L interbands; brecciated 148.7-148.8, 153.2-153.4 m (minor gouge);
L	11537	11582	14	51B2	gouge 153.7-153.8 m; calcareous; 4L0 153.7-154.1 m; 4C7 154.1-154.2 m;
L	11582	11590	15	0Q10	
L	11590	11595	16	41L10	minor PbZn, py;
L	11595	11647	17	51A10	minor py stringers;
L	11647	11717	18	41L10	gouge 165.3-166.4 m; 0Q0 170.7-171.4 m; minor py stringers;

Lithologic Log

Logged By: FN

Code	From		To		Unit		Code	Description
	10	14	16	20	22	23			25	27
L	1171	7	1172	4	19	6	1A0	minor py;
L	1172	4	1173	7	20	4	1C0	minor po bands, opy stringers; qtz-calc-sulph. bands; <5% PbZn (avg.); few wt. blebs;
L	1173	7	1174	6	21	4	A3	slightly calc;
L	1174	6	1186	0	22	4	1L0	minor py stringers; gauge 179.8-180.4, 180.6-180.7, 181.0-181.3, 185.1-185.9 m; few minor SB1 bands;
L	1186	0	1187	1	23	4	1G4	10% PbZn; honey-coloured sph; brecciated w/ pyritic clasts in bantic-sulph-calc. matrix; vuggy;
L	1187	1	1188	2	24	4	1G8	brecciated w/ sulph. clasts in qtz-sericite matrix 187.1-187.4 m; brecciated 4A3 187.9-188.1
L	1188	2	1190	1	25	4	1G4	brecciated; 4A3 189.0-189.2, 189.8-190.8 m; calcareous; 10% PbZn; honey-coloured sph;
L	1190	1	1204	0	26	4	1C8	calcareous in spots; 4L0 190.7-191.1 m; brecciated 191.1-191.8 m w/ minor bantic clasts; <5% PbZn; bantic 195.6-195.9 m (4G1); 4L0 196.2-196.6 m (sheared), 198.3-198.7 m; minor 4G4 bands; brecciated 202.5-203.3 m; gauge 203.3-204.0 m (4L0);
L	1204	0	1207	6	27	4	A3	broken core 204.0-207.6 m;
L	1207	6	1209	8	28	5	A0	(?), gauge - fault;
L	1209	8	1216	7	29	5	A0	interbanded w/ fine-gr. SB2;
L	1216	7	1220	2	30	3	B3	marble 216.7-217.3 m; gradational contact at 217.3 into dk green 3B3 w/ alternating bt-rich bands (each <10 cm thick); small void porphyroblasts (<2 mm across) alternating from chl to buff coloured calcareous;
L	1220	2	1238	8	31	3	G0	w/ alternating bt bands; scattered pink garnets (<3 mm across); void andalusite blebs (<2 cm) scattered throughout; interbanded lt. green siliceous mottled chloritic zones;
L	1238	8	1243	2	32	3	F8	chloritic w/ alternating bt. bands
			E10H					

Structural Log

Logged By: PN

Code	From		To		Feature	S ₁ Dip Direct.	S ₂ Dip Direct.	Description
	10	14	16	20				
				533	CSZ		64 230	
				596	CSZ		66 230	
				607	FRS			D region 60.7 - 65.2m;
				652	FRD			P region 65.2 - 68.8m; minor S sy
				672	PSZ		59 230	
				688	FRP			Z sym 68.8 - 85.1m;
				727	CSZ		78 230	
				785	CSZ		85 230	
				851	CSZ		76 230	
				851	FRZ			S sym. 85.1 - 105.3m; minor D regions;
				901	CSZ		81 230	
				954	CSZ		80 230	
				994	CSZ		75 230	
				1045	CSZ		77 230	
				11053	FRZ			P region 105.3 - 110.5m;
				11100	PSZ		75 230	
				11105	FRP			M region 110.5 - 120.9m; ^S / ₂ = ² / ₃ ;
				11167	CSZ		72 230	
				1209	FRM			R region 120.9 - 122.0m; ¹ / ₂ massive sulph;
				1220	FRR			P region 122.0 - 127.6m; minor Z sym;
				1233	PSZ		58 230	
				1276	FRP			R region 127.6 - 132.9m; minor P regions; ¹ / ₄ massive sulph;
				1281	PSZ		38 230	
				1329	FRR			D region 132.9 - 141.9m;
				1369	CSZ		53 230	
				1412	CSZ		55 230	
				1419	FRD			R region 141.9 - 146.3m;
				1463	FRR			S sym. 146.3 - 167.2m; minor Z sym. 157.0 - 157.5m;
				1511	CSZ		49 230	
				1576	CSZ		75 230	
				1635	CSZ		60 230	

Geochemical Log (Sampler's Copy)

Code	From		To		Sample No.	Description			
	10	14	16	20		22	27	LENGTH	RECOVERY	UNIT
P	11209		11220		1541011		1.1	1.1	4G4
	1111		1111		111111				
P	11309		11319		1541012		1.0	1.0	4D4
P	11319		11329		1541013		1.0	1.0	4D4
	1111		1111		111111				
P	11329		11344		1541014		1.5	0.6	4A3
P	11344		11359		1541015		1.5	0.7	4A3
P	11359		11374		1541016		1.5	1.2	4A3
P	11374		11389		1541017		1.5	1.4	4A3
P	11389		11404		1541018		1.5	1.4	4A3
P	11404		11419		1541019		1.5	1.4	4A3
P	11419		11430		154110		1.1	1.0	4C0
P	11430		11441		154111		1.1	1.1	4C0
	1111		1111		111111				
P	11463		11478		154112		1.5	1.5	4A3
P	11478		11493		154113		1.5	1.5	4A3
P	11493		11508		154114		1.5	1.4	4A3
P	11508		11523		154115		1.5	1.4	4A3
P	11523		11537		154116		1.4	1.4	4A3
	1111		1111		111111				
P	11724		11737		154117		1.3	1.2	4C0
P	11737		11746		154118		0.9	0.9	4A3
	1111		1111		111111				
P	11860		11871		154119		1.1	1.1	4G4
P	11871		11882		154120		1.1	1.1	4C8
P	11882		11892		154121		1.0	1.0	4G4
P	11892		11901		154122		0.9	1.0	4G4
P	11901		11916		154123		1.5	1.6	4C8
P	11916		11931		154124		1.5	1.6	4C8
P	11931		11946		154125		1.5	1.5	4C8
P	11946		11961		154126		1.5	1.5	4C8
P	11961		11976		154127		1.5	1.3	4C8
P	11976		11991		154128		1.5	1.4	4C8
P	11991		2006		154129		1.5	1.5	4C8
P	2006		2021		15430		1.5	1.4	4C8
P	2021		2031		15431		1.0	1.0	4C8

DDH FAGA201
2 8

Cyprus Anvil Mining Corp.

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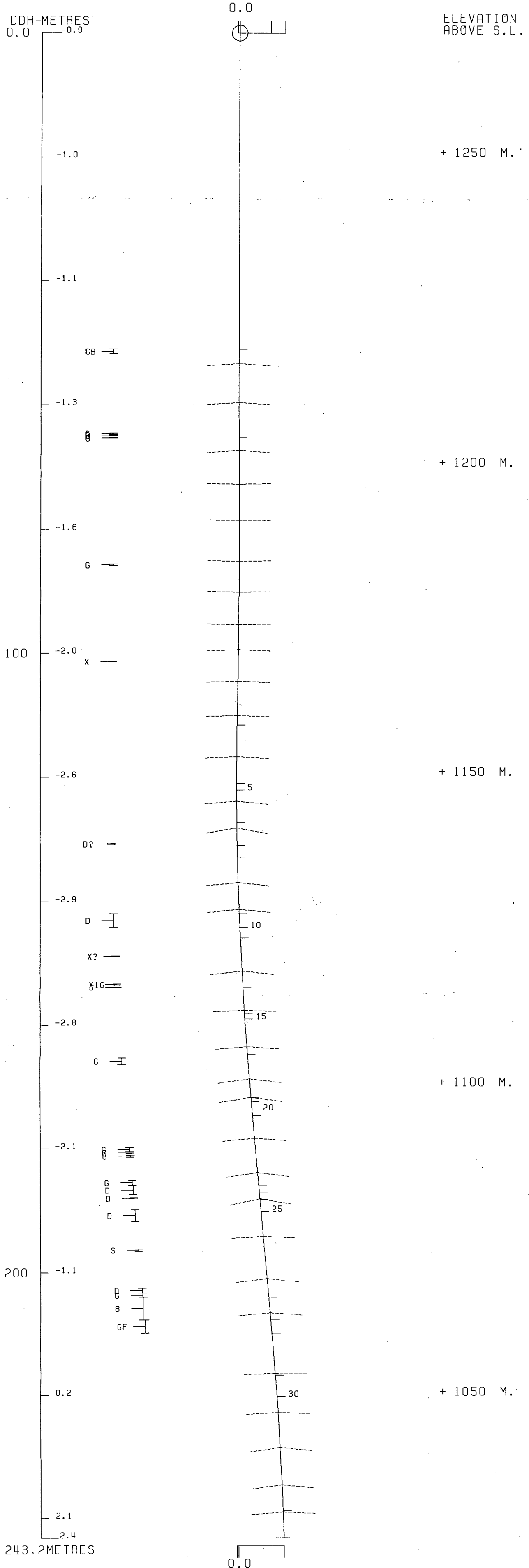
Structural Log

Date: _____ Logged By: _____

Code	From				To				Feature	E S N	S ₀		S ₁		S ₂		Description
	10	14	16	20	22	24	26	28			Dip	Direct.	Dip	Direct.	Dip	Direct.	
F	1510		517		GR												
F	645		647		G												
F	648		649		G												
F	652		653		G												
F	855		858		G												
F	1013		1014		X												
F	1306		1308		D?												
F	1419		1447		D												
F	1487		1488		X?												
F	1532		1534		X/G												
U	1537		1538		G												
C	1653		1664		G												
K	1798		1804		G												
X	1806		1807		G												
O	1810		1813		G												
U	1851		1859		G												
M	1860		1874		D												
I	1879		1881		D												
K	1898		1918		D												
E	1962		1966		S												
F	2025		2032		D												
F	2033		2040		G												
F	2040		2076		B												
F	2076		2098		G/F												

DDH: FAGA201 -- 132 DEGREE PROFILE
 (VIEW AZIMUTH = 42 DEGREES)

ELEV: 1269 592512E ; 904635N
 PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2
 CORRECTED COLLAR POSITION: X = 851.4 Z = 1269.0
 SECTION NAME: 00N



DDH: FAGA201 -- 132 DEGREE PROFILE

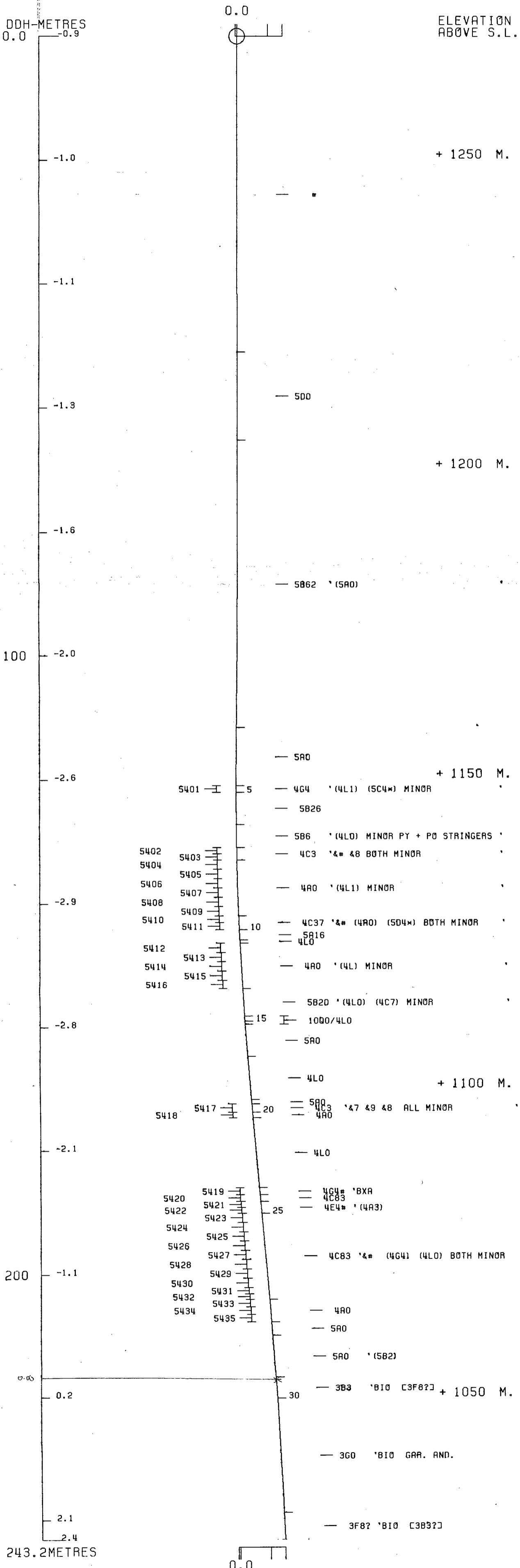
(VIEW AZIMUTH = 42 DEGREES)

ELEV: 1269 592512E ; 904635N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 851.4 Z = 1269.0

SECTION NAME: OON



FAGA203

DLH	SAMPLE	---DEPTHS---		INT	REC	ROCK	S.G.	CU	PB	ZN	AG	AU	PD	PY	BAC	PB+ZN	PC+PY	ZN
		FROM	TO	M	%	UNIT		%	%	%	G/MT	G/MT	%	%	%	%	%	RATIO
FAGA203	5489	54.2	55.3	1.1	100	4A0#	2.91	.01	.16	.62	5.0	.07				.78		.79
	5490	68.6	69.3	.7	86	4E4#	4.46	.17	9.20	8.90	119.0	1.85	1.61	27.10		18.10	28.71	.49
	5491	69.7	71.2	1.5	100	4G4	4.35	.14	11.30	18.60	156.0	.75	1.39	19.10		30.40	20.49	.61
	5492	71.2	72.7	1.5	100	4G4	4.56	.21	12.50	23.00	155.0	.39	1.56	18.10		35.50	19.66	.65
	5493	72.7	74.2	1.5	100	4G4	4.56	.16	8.30	16.50	111.0	.75	.85	16.60		24.80	17.45	.67
	5494	74.2	75.7	1.5	93	4G4	4.27	.26	4.10	6.60	83.0	1.37	1.22	28.10		10.70	29.32	.62
	5495	76.2	77.4	1.2	100	4GD#4	3.76	.06	6.55	8.36	76.0	.69	1.55	17.60		14.91	19.15	.56
	5496	77.4	78.7	1.3	92	4GD#4	4.57	.12	10.90	14.40	135.0	1.03	1.45	23.20		25.30	24.65	.57
	5497	84.4	86.0	1.6	100	4AC	2.87	.02	.21	.31	5.0	.21				.52		.60
	5498	86.0	89.2	3.2	47	4AC	2.92	.02	.79	1.68	14.0	.34				2.47		.68
	5500	89.2	90.8	1.6	87	5D4*	2.93	.04	.51	.62	15.0	.21				1.13		.55
	5501	104.2	105.9	1.7	94	4G4	3.43	.16	4.62	6.37	86.0	.27	3.78	12.80		10.99	16.58	.58
	5502	105.9	106.8	.9	100	4A4	3.06	.05	2.67	3.68	40.0	.21	2.75	8.90		6.35	11.65	.58
	5503	106.8	108.3	1.5	100	4G4#	4.67	.24	8.63	8.61	144.0	1.58	.69	23.20		17.24	23.89	.50
	5504	108.3	109.8	1.5	100	4G0#	4.75	.34	5.80	8.30	119.0	1.51	.66	26.00		14.10	26.66	.59
	5505	109.8	111.4	1.6	100	4G0#	4.50	.22	3.50	5.70	63.0	2.13	.95	26.10		9.20	27.05	.62
	5506	111.4	112.4	1.0	100	4C3	4.62	.36	2.50	2.80	52.0	1.99	1.18	34.60		5.30	35.78	.53
	5507	112.4	113.9	1.5	93	4A0	2.84	.03	.34	.54	10.0	.14	.73	6.90		.88	7.63	.61
	5508	113.9	115.4	1.5	87	4AC	2.89	.11	.45	.53	12.0	.34	1.12	8.40		.98	9.52	.54
	5509	115.4	116.9	1.5	87	4AC	2.83	.12	.25	.23	7.0	.21				.48		.48
	5510	116.9	118.4	1.5	100	4AC	2.88	.06	.11	.10	7.0	.21				.21		.48
	5511	118.4	119.9	1.5	100	4A0	2.85	.22	.04	.13	7.0	.21				.17		.76
	5512	119.9	121.4	1.5	100	4A0	2.83	.03	.02	.03	4.0	.07				.05		.60
	5513	121.4	122.9	1.5	100	4A0	2.90	.12	.02	.08	2.0	.21				.10		.80
	5514	122.9	124.4	1.5	93	4A0	2.81	.08	.09	.21	6.0	.21				.30		.70
	5515	124.4	125.4	1.0	100	4A3	3.32	.23	.40	.50	13.0	.27				.90		.56
	5516	125.4	126.4	1.0	100	4A0	2.90	.11	.02	.02	4.0	.14				.04		.50
	5517	126.4	127.2	.8	87	4K#	3.68	.14	.40	.27	17.0	.21				.67		.40
	5518	127.2	128.3	1.1	82	4DLA	3.45	.20	1.18	1.09	25.0	.41				2.27		.48
	5519	128.3	129.4	1.1	100	4LC	2.98	.11	.99	.62	17.0	.62				1.61		.39
	5520	129.4	130.9	1.5	93	4GC#	3.35	.18	2.80	2.70	32.0	.48				5.50		.49
	5521	130.9	132.3	1.4	86	4GC#	3.59	.17	1.71	1.62	26.0	.27				3.33		.49
	5522	132.3	133.5	1.2	75	4A0	2.92	.08	.14	.06	5.0	.07				.20		.30
	5523	133.5	134.7	1.2	50	4L2	2.98	.20	.11	.23	5.0	1.30				.34		.68
	5524	134.7	136.0	1.3	62	4L2	3.06	.11	.30	.65	7.0	.27				.95		.68
	5525	136.0	137.3	1.3	38	4L2	2.93	.02	.17	.23	3.0	.27				.40		.57
	5526	184.9	186.3	1.4	93	4L2	2.94	.02	.07	.14	2.0	.07				.21		.67
	5527	186.3	187.7	1.4	100	4L2	2.87	.03	.23	.16	3.0	.21				.39		.41
	5528	187.7	189.1	1.4	100	4L2	2.82	.02	.23	.18	3.0	.14				.41		.44
	5529	189.1	190.8	1.7	94	4HL5	3.68	.19	1.93	2.02	27.0	.14				3.95		.51
	5530	190.8	192.2	1.4	100	4L0	2.86	.01	.10	.26	2.0	.14				.36		.72
	5531	192.2	193.2	1.0	90	4A0	2.83	.01	.01	.04	1.0	.14				.05		.80
	5532	193.2	194.3	1.1	91	4AC	2.90	.01	.02	.02	1.0	.07				.04		.50
	5533	197.5	198.9	1.4	100	4L2	2.80	.02	.12	.31	2.0	.07				.43		.72
	5534	198.9	200.3	1.4	100	4L2	2.88	.02	.02	.06	1.0	.14				.08		.75
	5535	200.3	201.7	1.4	100	4L2	2.85	.04	.05	.01	1.0	.07				.06		.17
	5536	201.7	203.1	1.4	100	4L2	2.97	.02	.02	.02	1.0	.14				.04		.50
	5537	203.1	204.5	1.4	100	4L2	2.94	.04	.02	.02	2.0	.14				.04		.50
	5538	204.5	205.8	1.3	100	4L2	2.84	.04	.02	.02	2.0	.07				.04		.50
	5539	206.5	207.4	.9	100	4G4	4.14	.17	5.00	5.60	74.0	.69	5.13	21.70		10.60	26.83	.53
	5540	207.4	208.5	1.1	82	4D8	4.07	.25	3.90	3.90	55.0	.89	7.00	19.00		7.80	26.00	.50
	5541	208.5	210.0	1.5	100	4D8	4.35	.21	3.35	2.96	40.0	.69	5.90	30.40		6.31	36.30	.47
	5542	210.0	211.5	1.5	93	4C8	4.00	.30	1.28	.89	47.0	1.03	8.02	24.50		2.17	32.52	.41
	5543	211.5	213.0	1.5	100	4D8	4.43	.29	3.39	2.80	47.0	.82	7.45	24.50		6.19	31.95	.45
	5544	213.0	214.8	1.8	94	4D8	4.19	.32	3.22	2.89	61.0	1.10	7.13	22.60		6.11	29.73	.47

DGH	SAMPLE	---DEPTHS---		INT M	REC %	ROCK UNIT	S.G.	CU %	PB %	ZN %	AG G/MT	AU G/MT	PO %	FY %	BAC %	FB+ZN %	PO+PY %	ZN RATIO
		FROM	TO															
FAGA203	5545	214.6	216.0	1.2	100	408	4.21	.25	3.79	2.92	55.0	.82	9.01	22.30		6.71	31.81	.44
	5546	216.0	217.2	1.2	100	408	4.26	.34	.73	.35	29.0	.82	8.35	30.30		1.08	38.65	.32
	5547	217.2	219.4	1.2	100	408	4.35	.24	1.10	.56	35.0	.96	8.60	26.70		1.66	35.30	.34
	5548	218.4	219.7	1.3	100	408	4.09	.31	1.31	.76	29.0	.89	7.70	21.50		2.07	29.20	.37
	5549	219.7	221.5	1.8	100	404	4.43	.17	5.25	4.95	76.0	1.10	7.04	15.60		10.20	22.64	.49
	5550	221.5	222.4	.9	100	408	3.78	.09	.62	.13	17.0	1.99	3.63	24.10		.75	27.73	.17
	5551	223.2	224.9	1.7	100	400	2.92	.09	.29	.43	6.0	.48				.72		.60
	5552	224.9	226.7	1.8	100	4A0	2.92	.11	1.06	.64	16.0	.82				1.70		.38
	5553	226.7	227.5	.8	100	400	3.00	.17	.32	.38	9.0	.34				.70		.54
	5554	227.5	229.0	1.5	100	4L2	2.84	.01	.01	.01	1.0	1.51				.02		.50
	5555	229.0	230.5	1.5	100	4L2	2.82	.01	.01	.01	1.0	.96				.02		.50
	5556	230.5	232.0	1.5	100	4L2	2.86	.07	.01	.04	1.0	.07				.05		.80
	5557	232.0	233.5	1.5	100	4L2	2.93	.10	.14	.02	3.0	.21				.16		.13
	5558	236.9	238.5	1.6	94	4L2	2.91	.11	.08	.08	3.0	.07				.16		.50
	5559	238.5	240.1	1.6	100	4L2	2.89	.11	.30	.10	5.0	.21				.40		.25
	5560	240.1	241.7	1.6	87	4L2	3.04	.23	.28	.08	5.0	.21				.36		.22
	5561	241.7	243.3	1.6	100	4L2	2.96	.15	.07	.08	4.0	.21				.15		.53
	5562	243.3	244.9	1.6	100	4L2	2.90	.15	.05	.06	4.0	.27				.11		.55
	5563	244.9	246.7	1.8	94	4L2	2.87	.08	.02	.06	2.0	.14				.08		.75
	5564	246.7	248.4	1.7	100	4A0	3.02	.17	.38	.27	10.0	.34				.65		.42
	5565	248.4	249.6	1.2	100	4L2	2.91	.08	.05	.09	3.0	.07				.14		.64
	5566	250.1	251.1	1.0	90	4L2	2.89	.08	.04	.09	4.0	.07				.13		.69
	5567	251.1	252.1	1.0	70	4L2	2.96	.08	.05	.11	3.0	.07				.16		.69
	5568	252.1	252.9	.8	88	4L1	2.95	.09	.15	.15	5.0					.30		.50
	5569	252.9	254.0	1.1	91	4L2	2.91	.02	.33	.33	3.0					.66		.50
	5570	254.0	255.1	1.1	91	4L2	2.88	.03	.02	.02	1.0					.04		.50

DOH	SAMPLE	ROCK UNIT	NORMATIVE MINERALS - WEIGHT %							OTHER *	NORMATIVE MINERALS - VOLUME %							
			CPY	GA	SP	PC	PY	BAR	CPY		GA	SP	PC	PY	BAR	OTHER		
FAGA2C3	5489	4A0#	.03	.18	.92				98.86	*								
	5490	4E4#	.49	10.63	13.27	2.53	58.28		14.80	*	.52	6.31	14.78	2.45	51.94		23.99	
	5491	4G4	.40	13.63	27.73	2.19	41.07		14.98	*	.42	7.91	30.16	2.07	35.74		23.70	
	5492	4G4	.61	14.44	34.29	2.45	38.92		9.29	*	.65	8.62	38.37	2.39	34.85		15.12	
	5493	4G4	.46	9.59	24.60	1.34	35.70		28.32	*	.44	5.06	24.34	1.15	28.26		40.76	
	5494	4G4	.75	4.74	9.84	1.92	60.43		22.33	*	.75	2.64	10.30	1.75	50.59		33.98	
	5495	4GD#4	.17	7.56	12.46	2.44	37.85		39.51	*	.16	3.79	11.70	1.99	28.42		53.95	
	5496	4GD#4	.35	12.59	21.47	2.28	49.86		13.43	*	.37	7.47	23.87	2.20	44.38		21.71	
	5497	4A0	.06	.24	.46				99.24	*								
	5498	4A0	.06	.91	2.50				96.53	*								
	5500	5C4*	.12	.59	.92				98.37	*								
	5501	4G4	.46	5.34	9.50	5.94	27.53		51.23	*	.38	2.49	8.29	4.51	19.23		65.09	
	5502	4A4	.14	3.08	5.49	4.32	19.14		67.82	*	.11	1.32	4.39	3.01	12.25		78.93	
	5503	4G4#	.69	9.97	12.84	1.09	49.89		25.53	*	.69	5.49	13.26	.97	41.23		38.36	
	5504	4G0#	.98	6.70	12.37	1.04	55.91		22.99	*	.98	3.72	12.89	.94	46.61		34.85	
	5505	4G0#	.64	4.04	8.50	1.49	56.13		29.20	*	.61	2.16	8.50	1.30	44.93		42.50	
	5506	4C3	1.04	2.89	4.17	1.86	74.41		15.64	*	1.09	1.70	4.61	1.78	65.71		25.11	
	5507	4A0	.09	.39	.81	1.15	14.84		82.73	*	.06	.16	.60	.74	8.84		89.60	
	5508	4A0	.32	.52	.79	1.76	18.06		78.55	*	.23	.21	.60	1.16	10.98		86.81	
	5509	4A0	.35	.29	.34				99.02	*								
	5510	4A0	.17	.13	.15				99.55	*								
	5511	4A0	.64	.05	.19				99.12	*								
	5512	4A0	.09	.02	.04				99.85	*								
	5513	4A0	.35	.02	.12				99.51	*								
	5514	4A0	.23	.10	.31				99.35	*								
	5515	4A3	.66	.46	.75				98.13	*								
	5516	4A0	.32	.02	.03				99.63	*								
	5517	4K#	.40	.46	.40				98.73	*								
	5518	4CLA	.58	1.36	1.62				96.43	*								
	5519	4L0	.32	1.14	.92				97.61	*								
	5520	4GC#	.52	3.23	4.03				92.22	*								
	5521	4GC#	.49	1.97	2.42				95.12	*								
	5522	4A0	.23	.16	.09				99.52	*								
	5523	4L2	.58	.13	.34				98.95	*								
	5524	4L2	.32	.35	.97				98.37	*								
	5525	4L2	.06	.20	.34				99.40	*								
	5526	4L2	.06	.08	.21				99.65	*								
	5527	4L2	.09	.27	.24				99.41	*								
	5528	4L2	.06	.27	.27				99.41	*								
	5529	4HLS	.55	2.23	3.01				94.21	*								
	5530	4L0	.03	.12	.39				99.47	*								
	5531	4A0	.03	.01	.06				99.90	*								
	5532	4A0	.03	.02	.03				99.92	*								
	5533	4L2	.06	.14	.46				99.34	*								
	5534	4L2	.06	.02	.09				99.83	*								
	5535	4L2	.12	.06	.01				99.81	*								
	5536	4L2	.06	.02	.03				99.89	*								
	5537	4L2	.12	.02	.03				99.83	*								
	5538	4L2	.12	.02	.03				99.83	*								
	5539	4G4	.49	5.77	8.35	8.07	46.67		30.65	*	.46	3.05	8.28	6.96	37.03		44.22	
	5540	4C8	.72	4.50	5.81	11.01	40.86		37.09	*	.65	2.29	5.53	9.11	31.10		51.32	
	5541	4C8	.61	3.87	4.41	9.28	65.38		16.46	*	.63	2.26	4.83	8.83	57.25		26.20	
	5542	4C8	.87	1.48	1.33	12.61	52.69		31.03	*	.82	.78	1.31	10.84	41.65		44.60	
	5543	4C8	.84	3.92	4.17	11.72	52.69		26.67	*	.81	2.13	4.25	10.38	42.93		39.51	
	5544	4C8	.92	3.72	4.31	11.21	48.60		31.23	*	.87	1.96	4.26	9.63	38.41		44.88	

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

DRILL HOLE : FAGA203
NORTHING : 904,679.0
EASTING : 592,465.0
ELEVATION : 1,269.6
TOTAL DEPTH : 279.8
SECTION : W 63
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS CORE-SAMPLES: 81
NOS DOWN-H-SURVEYS: 9
NOS DOWN-H-LITHOLOGY: 68
NOS DOWN-H-STRUCTURE: 70
NOS DOWN-H-FAULTS: 28
NOS DOWN-H-SPLINES: 9
NOS COMPOSITES: 0

DUH: FAGA203 UTM-N: 904,679.0 UTM-E: 592,465.0 UTM-ELEV: 1,269.6 TOTAL DEPTH: 279.3 SECTION: W 63
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

---DEPTHS---		SAMPLE NO.	INT.	REC.	ROCK UNIT	S.G. PULP	-----ASSAYS-----												
FROM	TO						CU %	PE %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAC %	HG %	MN %	AS %	BA %	S.G. W.R.
54.2	55.3	05489	1.1	1.1	4A0#	2.91	.01	.16	.62	5.00		.07							
63.6	69.3	05490	.7	.6	4E4#	4.46	.17	9.20	8.90	118.00		1.85	1	27	28				
69.7	71.2	05491	1.5	1.5	4G4	4.35	.14	11.20	18.60	156.00		.75	1	19	20				
71.2	72.7	05492	1.5	1.5	4G4	4.56	.21	12.50	23.00	155.00		.89	1	18	19				
72.7	74.2	05493	1.5	1.5	4G4	4.56	.16	8.30	16.50	111.00		.75		16	17				
74.2	75.7	05494	1.5	1.4	4G4	4.27	.26	4.10	6.60	83.00		1.37	1	28	29				
76.2	77.4	05495	1.2	1.2	4G0#4	3.76	.06	6.55	8.36	76.00	74.00	.69	1	17	19				
77.4	78.7	05496	1.3	1.2	4G0#4	4.57	.12	10.90	14.40	135.00		1.03	1	23	24				
84.4	86.0	05497	1.6	1.6	4A0	2.87	.02	.21	.31	5.00		.21							
86.0	89.2	05498	3.2	1.5	4A0	2.92	.02	.79	1.68	14.00		.34							
89.2	90.8	05500	1.6	1.4	5D4*	2.93	.04	.51	.62	15.00		.21							
104.2	105.9	05501	1.7	1.6	4G4	3.43	.16	4.62	6.37	86.00		.27	3	12	16				
105.9	106.8	05502	.9	.9	4A4	3.06	.05	2.67	3.68	40.00		.21	2	8	11				
106.8	108.3	05503	1.5	1.5	4G4#	4.67	.24	8.63	8.61	144.00		1.58		23	23				
108.3	109.8	05504	1.5	1.5	4G0#	4.75	.34	5.80	8.30	119.00		1.51		26	26				
109.8	111.4	05505	1.6	1.6	4G0#	4.50	.22	3.50	5.70	63.00		2.13		26	27				
111.4	112.4	05506	1.0	1.0	4C3	4.62	.36	2.50	2.80	52.00		1.99	1	34	35				
112.4	113.9	05507	1.5	1.4	4A0	2.84	.03	.34	.54	10.00		.14		6	7				
113.9	115.4	05508	1.5	1.3	4A0	2.89	.11	.45	.53	12.00		.34	1	8	9				
115.4	116.9	05509	1.5	1.3	4A0	2.83	.12	.25	.23	7.00		.21							
116.9	118.4	05510	1.5	1.5	4A0	2.88	.06	.11	.10	7.00		.21							
118.4	119.9	05511	1.5	1.5	4A0	2.85	.22	.04	.13	7.00		.21							
119.9	121.4	05512	1.5	1.5	4A0	2.83	.03	.02	.03	4.00		.07							
121.4	122.9	05513	1.5	1.5	4A0	2.90	.12	.02	.08	2.00		.21							
122.9	124.4	05514	1.5	1.4	4A0	2.81	.08	.09	.21	6.00		.21							
124.4	125.4	05515	1.0	1.0	4A3	3.32	.23	.40	.50	13.00		.27							
125.4	126.4	05516	1.0	1.0	4A0	2.90	.11	.02	.02	4.00		.14							
126.4	127.2	05517	.8	.7	4K#	3.68	.14	.40	.27	17.00		.21							
127.2	128.3	05518	1.1	.9	4DLA	3.45	.20	1.18	1.09	25.00		.41							
128.3	129.4	05519	1.1	1.1	4L0	2.98	.11	.99	.62	17.00		.62							
129.4	130.9	05520	1.5	1.4	4GC#	3.35	.18	2.80	2.70	32.00		.48							
130.9	132.3	05521	1.4	1.2	4GC#	3.59	.17	1.71	1.62	26.00		.27							
132.3	133.5	05522	1.2	.9	4A0	2.92	.08	.14	.06	5.00		.07							
133.5	134.7	05523	1.2	.6	4L2	2.98	.20	.11	.23	5.00		1.30							
134.7	136.0	05524	1.3	.8	4L2	3.06	.11	.30	.65	7.00		.27							
136.0	137.3	05525	1.3	.5	4L2	2.93	.02	.17	.23	3.00		.27							
184.9	186.3	05526	1.4	1.3	4L2	2.94	.02	.07	.14	2.00		.07							
186.3	187.7	05527	1.4	1.4	4L2	2.87	.03	.23	.16	3.00		.21							
187.7	189.1	05528	1.4	1.4	4L2	2.82	.02	.23	.18	3.00		.14							
189.1	190.8	05529	1.7	1.6	4HL5	3.68	.19	1.93	2.02	27.00		.14							
190.8	192.2	05530	1.4	1.4	4L0	2.86	.01	.10	.26	2.00		.14							
192.2	193.2	05531	1.0	.9	4A0	2.83	.01	.01	.04	1.00		.14							
193.2	194.3	05532	1.1	1.0	4A0	2.90	.01	.02	.02	1.00		.07							
197.5	198.9	05533	1.4	1.4	4L2	2.80	.02	.12	.31	2.00		.07							

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

---DEPTHS---		SAMPLE NO.	INT. REC.	ROCK UNIT	-----ASSAYS-----														
FROM	TO				S.G. PULP	CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PC %	PY %	TCT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
198.9	200.3	05534	1.4	1.4	4L2	2.88	.02	.02	.06	1.00		.14							
200.3	201.7	05535	1.4	1.4	4L2	2.85	.04	.05	.01	1.00		.07							
201.7	203.1	05536	1.4	1.4	4L2	2.97	.02	.02	.02	1.00		.14							
203.1	204.5	05537	1.4	1.4	4L2	2.94	.04	.02	.02	2.00		.14							
204.5	205.8	05538	1.3	1.3	4L2	2.84	.04	.02	.02	2.00		.07							
206.5	207.4	05539	.9	.9	4G4	4.14	.17	5.00	5.60	74.00	71.00	.69	5	21	26				
207.4	208.5	05540	1.1	.9	4D8	4.07	.25	3.90	3.90	55.00		.89	7	19	26				
208.5	210.0	05541	1.5	1.5	4D8	4.35	.21	3.35	2.96	40.00		.69	5	30	36				
210.0	211.5	05542	1.5	1.4	4C8	4.00	.30	1.28	.89	47.00		1.03	8	24	32				
211.5	213.0	05543	1.5	1.5	4D8	4.43	.29	3.39	2.80	47.00		.82	7	24	31				
213.0	214.8	05544	1.8	1.7	4D8	4.19	.32	3.22	2.89	61.00		1.10	7	22	29				
214.8	216.0	05545	1.2	1.2	4C8	4.21	.25	3.79	2.92	55.00		.82	9	22	31				
216.0	217.2	05546	1.2	1.2	4C8	4.26	.34	.73	.35	29.00		.82	8	30	38				
217.2	218.4	05547	1.2	1.2	4C8	4.35	.24	1.10	.56	35.00		.96	8	26	35				
218.4	219.7	05548	1.3	1.3	4C8	4.09	.31	1.31	.76	29.00		.89	7	21	29				
219.7	221.5	05549	1.8	1.8	4G4	4.43	.17	5.25	4.95	76.00	69.00	1.10	7	15	22				
221.5	222.4	05550	.9	.9	4C8	3.78	.09	.62	.13	17.00		1.99	3	24	27				
223.2	224.9	05551	1.7	1.7	4C0	2.92	.09	.29	.43	6.00		.48							
224.9	226.7	05552	1.8	1.8	4A0	2.92	.11	1.06	.64	16.00		.82							
226.7	227.5	05553	.8	.8	4C0	3.00	.17	.32	.38	9.00		.34							
227.5	229.0	05554	1.5	1.5	4L2	2.84	.01	.01	.01	1.00		1.51							
229.0	230.5	05555	1.5	1.5	4L2	2.82	.01	.01	.01	1.00		.96							
230.5	232.0	05556	1.5	1.5	4L2	2.86	.07	.01	.04	1.00		.07							
232.0	233.5	05557	1.5	1.5	4L2	2.93	.10	.14	.02	3.00		.21							
236.9	238.5	05558	1.6	1.5	4L2	2.91	.11	.08	.08	3.00		.07							
238.5	240.1	05559	1.6	1.6	4L2	2.89	.11	.30	.10	5.00		.21							
240.1	241.7	05560	1.6	1.4	4L2	3.04	.23	.28	.08	5.00		.21							
241.7	243.3	05561	1.6	1.6	4L2	2.96	.15	.07	.08	4.00		.21							
243.3	244.9	05562	1.6	1.6	4L2	2.90	.15	.05	.06	4.00		.27							
244.9	246.7	05563	1.8	1.7	4L2	2.87	.08	.02	.06	2.00		.14							
246.7	248.4	05564	1.7	1.7	4A0	3.02	.17	.38	.27	10.00		.34							
248.4	249.6	05565	1.2	1.2	4L2	2.91	.08	.05	.09	3.00		.07							
250.1	251.1	05566	1.0	.9	4L2	2.89	.08	.04	.09	4.00		.07							
251.1	252.1	05567	1.0	.7	4L2	2.96	.08	.05	.11	3.00		.07							
252.1	252.9	05568	.8	.7	4L1	2.95	.09	.15	.15	5.00									
252.9	254.0	05569	1.1	1.0	4L2	2.91	.02	.33	.33	3.00									
254.0	255.1	05570	1.1	1.0	4L2	2.88	.03	.02	.02	1.00									
WEIGHTED AVERAGE																			
54.2	55.3		1.1	1.1		2.91	.01	.16	.62	5.00		.07							
68.6	69.3		.7	.6		4.46	.17	9.20	8.90	118.00		1.85	1	27	28				
69.7	75.7		6.0	5.9		4.43	.19	9.17	10.17	126.25		.94	1	20	21				
76.2	78.7		2.5	2.4		4.18	.09	8.81	11.50	106.68	35.52	.86	1	20	22				
84.4	90.8		6.4	4.5		2.91	.02	.57	1.07	12.00		.27							
104.2	137.3		33.1	29.6		3.32	.14	1.58	1.95	30.15		.55		6	6				
184.9	194.3		9.4	9.0		3.01	.04	.44	.48	6.59		.13							

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

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
62.200	178.000	43.000
92.700	177.500	59.000
123.100	176.000	73.000
153.600	175.500	59.000
184.100	172.500	76.000
214.600	170.500	70.000
245.100	170.000	90.000
275.500	167.000	63.000

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

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
48.8	OC01	#		0.5-	1
53.3	OC02	5A6		0.5-	1
54.2	OC03	5DC		0.5-	1
55.3	OC04	4AC#		0.5-	1
68.6	OC05	5AC	89	0.5-	1
69.3	OC06	4E4	8#	0.5-	1
69.7	OC07	5A6	?	0.5-	1
75.7	OC08	4G4	(4E4)MINOR & BXA (5D4*)MINOR	0.5-	1
76.2	OC09	5A6	89	0.5-	1
78.7	OC10	4G4#	(4D4) [4GC] (5D4*) MINOR	0.5-	1
84.4	OC11	5A9		0.5-	1
89.3	OC12	4A0		0.5-	1
90.8	OC13	5D4*		0.5-	1
104.2	OC14	5A9C		0.5-	1
105.9	OC15	4G4	(5D4*) MINOR	0.5-	1
106.8	OC16	4A4		0.5-	1
111.4	OC17	4G4	8C 8# (4D4) MINOR	0.5-	1
112.4	OC18	4C3	(4G4) MINOR (5D4*) MINOR	0.5-	1
126.4	OC19	4AC	(4C0)(4L0) BOTH MINOR [4AC?]	0.5-	1
127.2	OC20	4K4#	87 (5A0) MINOR	0.5-	1
127.9	OC21	4D#	6? SER. [4DL]	0.5-	1
128.3	OC22	4A0	(4C#0) MINOR	0.5-	1
129.4	OC23	4LC		0.5-	1
132.3	OC24	4G4	(4C8) (4K47#)	0.5-	1
133.5	OC25	4AC		0.5-	1
137.3	OC26	4L2		0.5-	1
141.3	OC27	5A0		0.5-	1
145.1	OC28	5A0		0.5-	1
146.6	OC29	5A0	89 MINOR	0.5-	1
149.2	OC30	5B6	(5B26) 89 MINOR	0.5-	1
154.8	OC31	5B6E		0.5-	1
155.4	OC32	5DC	84	0.5-	1
162.2	OC33	5AC		0.5-	1
162.7	OC34	10QC		0.5-	1
184.9	OC35	5AC		0.5-	1
189.1	OC36	4L2	84 MINOR	0.5-	1
190.3	OC37	4H4		0.5-	1
190.8	OC38	4L4	(4L45) [5D4*]	0.5-	1
192.2	OC39	4L0	81 82	0.5-	1
194.3	OC40	4A0		0.5-	1
197.5	OC41	5B6	89 PY STRINGS	0.5-	1
205.8	OC42	4L2	87 86 MINOR [3G STRING?]	0.5-	1
206.5	OC43	5B6	(5B61)	0.5-	1
207.4	OC44	4G4#	81 88 (4A3) MINOR	0.5-	1
208.5	OC45	4D8	89 (4L4)	0.5-	1
214.4	OC46	4C8#	(4G4#) (4D4) BOTH MINOR	0.5-	1
214.8	OC47	4L1	82 87 MINOR	0.5-	1
219.7	OC48	4C89	(4G4) (4L2) (4A3) ALL MINOR	0.5-	1
221.5	OC49	4G4	88	0.5-	1
222.4	OC50	4C8	(4L28)	0.5-	1
223.2	OC51	5DC		0.5-	1

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

DEPTH	UNIT	CODE	DESC	RECOVERY	INC
223.5	OC52	4CC		0.5-	1
226.7	OC53	4AC		0.5-	1
227.5	OC54	4CC		0.5-	1
233.5	OC55	4L2	87 86	0.5-	1
236.9	OC56	5DC	[5C#]	0.5-	1
246.7	OC57	4L2	84 87 MINCR (500) MINOR	0.5-	1
248.4	OC58	4AC	89 MINOR	0.5-	1
249.6	OC59	4L2	84 87 MINCR	0.5-	1
250.1	OC60	5D4*		0.5-	1
252.1	OC61	4L2	84 87 MINOR	0.5-	1
252.9	OC62	4L1	BXA (500) MINCR	0.5-	1
255.1	OC63	4L2	84 87 MINOR	0.5-	1
256.6	OC64	4LC		0.5-	1
259.4	OC65	5A6		0.5-	1
260.0	OC66	3F1	BXA	0.5-	1
262.7	OC67	3FO	BIO	0.5-	1
279.8	OC68	3GC	BIO CHL GNT SCH (3FC)	0.5-	1

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

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	SO	ANGLE	DIRECT	S1	ANGLE	DIRECT	S2	ANGLE	DIRECT	RFE	CDE	DHDC	SDC	PRCESS
FAGA203	0.0	50.6	CS2			0	0	0	G		56	230		C		1	1	1
FAGA203	48.8	52.0	CS2	S		0	0	0	C		0	0		C		1	1	1
FAGA203	52.0	53.3	CS2	Z		0	0	0	G		0	0		C		1	1	1
FAGA203	0.0	53.7	CS2			0	0	0	C		59	230		C		1	1	1
FAGA203	53.3	54.2	CS2	P		0	0	0	C		0	0		C		1	1	1
FAGA203	54.2	55.3	CS2	Z		0	0	0	G		0	0		C		1	1	1
FAGA203	0.0	56.8	CS2			0	0	0	G		56	230		C		1	1	1
FAGA203	55.3	57.0	CS2	S		0	0	0	C		0	0		C		1	1	1
FAGA203	0.0	63.5	CS2			0	0	0	C		58	230		C		1	1	1
FAGA203	0.0	66.8	CS2			0	0	0	G		59	230		C		1	1	1
FAGA203	57.0	68.6	CS2	Z		0	0	0	G		0	0		C		1	1	1
FAGA203	68.0	78.7	PS2	P		0	0	0	C		0	0		C		1	1	1
FAGA203	0.0	79.3	CS2			0	0	0	C		57	230		C		1	1	1
FAGA203	0.0	83.1	CS2			0	0	0	C		49	230		C		1	1	1
FAGA203	78.7	84.7	CS2	Z		0	0	0	G		0	0		C		1	1	1
FAGA203	0.0	104.6	PS2			0	0	0	G		54	230		C		1	1	1
FAGA203	84.7	105.9	PS2	P		0	0	0	C		0	0		C		1	1	1
FAGA203	0.0	106.7	CS2			0	0	0	C		54	230		C		1	1	1
FAGA203	105.9	106.8	CS2	S		0	0	0	G		0	0		C		1	1	1
FAGA203	106.8	112.4	PS2	P		0	0	0	C		0	0		C		1	1	1
FAGA203	0.0	113.6	CS2			0	0	0	G		45	230		C		1	1	1
FAGA203	0.0	114.6	CS2			0	0	0	C		69	230		C		1	1	1
FAGA203	0.0	117.3	CS2			0	0	0	C		45	230		C		1	1	1
FAGA203	112.4	118.9	CS2	Z		0	0	0	C		0	0		C		1	1	1
FAGA203	0.0	123.7	CS2			0	0	0	G		43	230		C		1	1	1
FAGA203	118.9	123.7	CS2	S		0	0	0	G		0	0		C		1	1	1
FAGA203	0.0	125.8	CS2			0	0	0	G		41	230		C		1	1	1
FAGA203	123.7	126.4	CS2	Z		0	0	0	G		0	0		C		1	1	1
FAGA203	0.0	131.5	PS2			0	0	0	G		35	230		C		1	1	1
FAGA203	0.0	134.2	PS2			0	0	0	G		41	230		C		1	1	1
FAGA203	126.4	137.3	PS2	P		0	0	0	G		0	0		C		1	1	1
FAGA203	0.0	140.6	CS2			0	0	0	G		63	230		C		1	1	1
FAGA203	137.3	145.2	CS2	S		0	0	0	G		0	0		C		1	1	1
FAGA203	0.0	146.0	CS2			0	0	0	G		41	230		C		1	1	1
FAGA203	0.0	151.2	CS2			0	0	0	C		70	230		C		1	1	1
FAGA203	0.0	156.9	CS2			0	0	0	C		70	230		C		1	1	1
FAGA203	0.0	161.5	CS2			0	0	0	G		75	230		C		1	1	1
FAGA203	0.0	165.9	CS2			0	0	0	C		70	230		C		1	1	1
FAGA203	0.0	171.7	CS2			0	0	0	C		61	230		C		1	1	1
FAGA203	145.2	175.6	CS2	Z		0	0	0	G		0	0		C		1	1	1
FAGA203	0.0	176.4	CS2			0	0	0	C		80	230		C		1	1	1
FAGA203	0.0	182.8	CS2			0	0	0	G		78	230		C		1	1	1
FAGA203	175.6	182.9	CS2	S		0	0	0	C		0	0		C		1	1	1
FAGA203	0.0	188.7	CS2			0	0	0	G		67	230		C		1	1	1
FAGA203	182.9	189.2	CS2	Z		0	0	0	G		0	0		C		1	1	1
FAGA203	189.2	191.5	PS2	P		0	0	0	G		0	0		C		1	1	1
FAGA203	0.0	193.4	CS2			0	0	0	C		62	230		C		1	1	1
FAGA203	0.0	199.0	CS2			0	0	0	G		75	230		C		1	1	1
FAGA203	0.0	205.7	CS2			0	0	0	G		69	230		C		1	1	1
FAGA203	191.5	206.5	CS2	Z		0	0	0	C		0	0		C		1	1	1
FAGA203	0.0	217.9	PS2			0	0	0	C		72	230		C		1	1	1

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

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

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

DDH	F DEPTH	T DEPTH	FEAT	REC	CD	PARLL	UPPER PLANE	INTERNAL PLANE	LOWER PLANE	DHD			
FAGA203	68.2	68.6	G				0	0	C	C	0	0	1
FAGA203	69.3	69.7	S				0	0	0	C	0	0	1
FAGA203	69.7	72.2	D?				0	0	C	C	0	0	1
FAGA203	72.6	73.1	D?				C	0	C	C	0	0	1
FAGA203	74.6	74.7	D?				0	0	C	C	0	0	1
FAGA203	76.1	76.2	G				0	0	C	C	0	0	1
FAGA203	84.7	104.2	G				0	0	C	C	0	0	1
FAGA203	113.2	113.4	G				C	0	C	C	0	0	1
FAGA203	116.7	117.0	G				0	0	0	C	0	0	1
FAGA203	124.3	124.6	G				C	0	C	C	0	0	1
FAGA203	127.9	128.3	B				0	0	C	C	0	0	1
FAGA203	132.2	132.3	D				0	0	0	C	0	0	1
FAGA203	136.8	137.3	G				0	0	C	C	0	0	1
FAGA203	138.2	139.6	GP				0	0	C	C	0	0	1
FAGA203	141.3	145.1	GP				C	0	0	C	0	0	1
FAGA203	149.2	149.7	G				0	0	0	C	0	0	1
FAGA203	177.7	177.8	S				0	0	0	C	0	0	1
FAGA203	184.2	184.3	S				0	0	C	C	0	0	1
FAGA203	189.1	190.3	D				0	0	C	C	0	0	1
FAGA203	192.8	193.0	S				C	0	C	C	0	0	1
FAGA203	215.8	216.1	D				0	0	0	C	0	0	1
FAGA203	241.7	242.0	G				0	0	C	C	0	0	1
FAGA203	252.1	252.9	X				C	0	C	C	0	0	1
FAGA203	252.9	253.3	S				0	0	C	C	0	0	1
FAGA203	253.8	253.9	S				0	0	C	C	0	0	1
FAGA203	254.6	254.8	S				0	0	G	C	0	0	1
FAGA203	255.1	259.4	GS				0	0	G	C	0	0	1
FAGA203	259.4	260.0	X				C	0	C	C	0	0	1

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

DDH SEGMENT NOS CCND INDICATOR

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

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

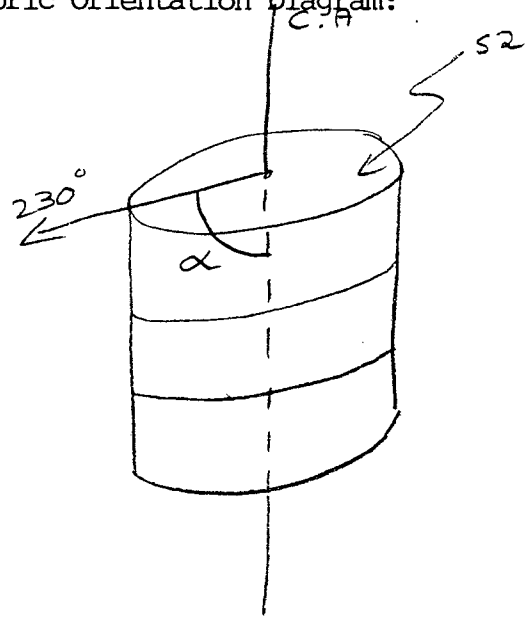
Hole Number: 80-A-203

Fabric Orientation Diagram:

Project: GRUM

Location: VADGORDA PLATEAU

Claim: _____



WTM Terr. Plane Co-ords.: 6904679.006 N

CAMC Mine Survey 592464.999 E

Grid Co-ords.: 63W/BL

All symmetry determinations looking

NW with S2 dipping

SW with dip azimuth 230.

Elevation: 1269.584

Total Depth: 279.8 m

Purpose: _____

Logged by: PN

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

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

NQ 0 180.4

BQ 180.4 279.8

Started: SEPT. 13/80

Completed: SEPT. 24/80

Lithologic Log

Code	From		To		Unit	Code		Description
	10	14	16	20	22, 23	25	27	
L	100		148	8	11			o/s triconed
L	488		533		12	51A16		min py blebs;
L	533		542		13	51D10		
L	542		553		14	41A10		w/ py & PbZn (<5%); calcareous
L	553		686		15	51A10		w/ py stringers; gauge 68.2-68.6m;
L	686		693		16	4E14		5% PbZn; slightly calc. in spots;
L	693		697		17	5A16		(?) sheared;
L	697		757		18	4G14		4E4 69.7-69.8m; 4cm. of calcareous 5D4 w/ manposite at 69.8m; 15% PbZn; brecciated 69.7-72.2, 72.6-73.1m; 74.6-74.7m;
L	757		762		19	51A16		w/ py stringers; gauge 76.1-76.2m;
L	762		787		110	41B1D		opp 76.2-76.4m; ⁵⁸⁶ w/ min py stringers 76.4-76.6m; calcareous 4G4 interbanded w/ 4D4; 10% PbZn; honey-coloured sph in 4G; red in 4D; few narrow bands of bleached 5D4 w/ manposite;
L	787		842		111	5A19		py stringers;
L	842		893		112	41A14		gauge; intact core ^{pieces} contain 5% PbZn;
L	893		908		113	51D14		bleached calcareous 5D4 w/ manposite; gauge; min interbands of 4G4;
L	908		1042		114	5A19		gauge; min py blebs; calcareous;
L	1042		1059		115	4G14		10% PbZn; min interbands of 5D4 (as unit 13); calcareous;
L	1059		1068		116	41A14		min py stringers; 5% PbZn;
L	1068		1114		117	4G14		4D4 bands 106.8-107.0m; calcareous; honey-coloured sph;
L	1114		1124		118	41C10		w/ min PbZn bands; few 4G4 bands; 5D4 w/ manposite 112.2-112.3m;
L	1124		1264		119	41A13		min PbZn; gauge 113.2-113.4m; 4C0 gauge 116.7-117.0m; 4U 120.8-121.0m; min py blebs; 4C0 123.2-123.4m; gauge 124.3-124.6m; 4C0 125.0-125.3m;
L	1264		1272		120	41K14		min py stringers; calcareous; 4K4?; min 5A0 at 127.0m;
L	1272		1279		121	41D14		senite interbanded w/ 4D4 (5% PbZn); calcareous; (barite-bearing?)

Lithologic Log

Code	From		To		Unit		Code	Description	
	10	14	16	20	22	23			25	27
L	1127	9	1128	3	22	23	25	27	broken core; ^{calcareous} 400 128.2-128.3m;
L	1128	3	1129	4	23		41	410	min py, PbZn; 000 129.0-129.3m;
L	1129	4	1132	3	24		41	410	4GH interbanded w/ 4CB; calcareous 4K47 (as unit 20) w/ 4L clasts 132.2-132.3m;
L	1132	3	1133	5	25		41	413	
L	1133	5	1137	3	26		41	412	gauge 136.8-137.3m;
L	1137	3	1141	3	27		51	510	4L2 (as unit 26) 138.1-138.2m; 4L gauge 138.2-138.4m, 5A gauge 138.4-139.6m (poor core recovery);
L	1141	3	1145	1	28		51	510	gauge) poor recovery
L	1145	1	1146	6	29		51	510	min py stringers;
L	1146	6	1149	2	30		51	516	5B26; min py stringers;
L	1149	2	1154	8	31		51	516	gauge 149.2-149.7m; min py, po blebs; chloritic
L	1154	8	1155	4	32		51	510	min manpoite blebs
L	1155	4	1162	2	33		51	510	min py blebs; calcareous;
L	1162	2	1162	7	34		00	000	
L	1162	7	1184	9	35		51	510	as unit 33; min py, po blebs; sheared 177.7- 177.8m, 184.2-184.3m;
L	1184	9	1189	1	36		41	412	w/ min PbZn, po;
L	1189	1	1190	3	37		41	414	5% PbZn; small quartzitic clasts (subangular);
L	1190	3	1190	8	38		41	414	4L45
L	1190	8	1192	2	39		41	410	min py stringers & blebs assoc. w/ qtz bands; min PbZn, po blebs;
L	1192	2	1194	3	40		41	413	sheared 192.8-193.0m; 000 193.6-193.8m;
L	1194	3	1197	5	41		51	516	min py stringers assoc. w/ qtz lenses;
L	1197	5	1205	8	42		41	412	min po bands; locally chloritic w/ qtz; dk brown bands due to incomplete bleaching? ; ^{2cm ht-calc. band} at 203.5m;
L	1205	8	1206	5	43		51	516	5B61
L	1206	5	1207	4	44		41	414	4A3 206.5-206.6m; 10% PbZn; calcareous; min py wt bands (4CB);
L	1207	4	1208	5	45		41	418	min cpy stringers; 4L4 208.0-208.1m
L	1208	5	1214	4	46		41	419	slightly calcareous; interbands of calcareous 4G4; qtz-bant(?) band w/ py stringers 210.8-210.9m; 4D4 210.9-211.1m;
L	1214	4	1214	8	47		41	411	min py, po blebs;
L	1214	8	1219	7	48		41	419	cpy stringers; min 4G4 interbands; large

Code	From		To		Unit			Code	Description
	10	14	16	20	22	23	25	27	
									4L clasts 215.8-216.1m; 4L2 219.2-219.3, 219.4-219.5; 4A3 219.3-219.4m;
L	219.7		221.5		49		4B, 14		4G48; 10% PbZn; honey-colored sph; ORowl Cpy stringers 220.2-220.3m;
L	221.5		222.4		50		4C, 8		4L28 221.8-222.0m;
L	222.4		223.2		51		5D0		min po blebs (<5%);
L	223.2		223.5		52		4C0		3% PbZn;
L	223.5		226.7		53		4A3		
L	226.7		227.5		54		4C0		
L	227.5		233.5		55		4L2		min po bands; locally chloritic; <2% PbZn; scattered qtz lenses;
L	233.5		236.9		56		5D0		mottled; qtz-calc. layers interbedded w/ chl.;
L	236.9		246.7		57		4L2		min PbZn; gouge 241.7-242.0m; 5D0 242.1-242.2
L	246.7		248.4		58		4A3		min cpy stringers;
L	248.4		249.6		59		4L2		as unit 57;
L	249.6		250.1		60		5D1		abundant manposite; calcareous; tufaceous(?); manposite, chl. layers alternating w/ qtz-calc. layers;
L	250.1		252.1		61		4L2		as unit 57;
L	252.1		252.9		62		4L1		brecciated; qtz clasts in sericitic-calc-sulph matrix; few 5D0 bands (as unit 60);
L	252.9		255.1		63		4L2		as unit 57; sheared 252.9-253.3m, 253.8- 253.9, 254.6-254.8m;
L	255.1		256.6		64		4L0		gouge & shear; graphitic 256.2-256.3m;
L	256.6		259.4		65		5A1		very slightly calcareous; min py stringers; gouge & shear;
L	259.4		260.0		66		3F1		brecciated;
L	260.0		262.7		67		3F0		w/ bt bands; rare po blebs;
L	262.7		271.8		68		3G0		small calcareous blebs (<2mm) 263.2-263.5m; 3F0 (as unit 67) 263.7-263.9m; bt-chl-aqt schist; 5mm thick qtz band at 271.7m w/ elongated qtz // edges of qtz band chloritic band w/ large qtz (<1cm) 274.2-274.4m; chloritic band w/ po stringers 274.6-274.8m;
			274.8						

Structural Log

Code	From				To				Feature	S ₁ Dip Direct.	S ₂ Dip Direct.		Description
	10	14	16	20	22	24	26	28			32	34		38
S				50	6	CSZ				56	230		
S				52	0	FZE						Z sym. 52.0 - 53.3 m;	
S				53	3	FZE						R region 53.3 - 54.2 m;	
S				53	7	CSZ				59	230		
S				54	2	FZR						Z sym. 54.2 - 55.3 m;	
S				55	3	FZ3						S sym. 55.3 - 57.0 m	
S				56	8	CSZ				56	230		
S				57	0	FZE						Z sym. 57.0 - 68.6 m;	
S				63	5	CSZ				58	230		
S				66	3	CSZ				59	230		
S				68	6	FZE						R region 68.6 - 78.7 m; 95% massive sulph;	
S				78	7	FZR						Z sym. 78.7 - 84.7 m;	
S				79	3	CSZ				57	230		
S				83	1	CSZ				49	230		
S				84	7	FZE						R region 84.7 - 105.9 m; sparse 84.7 - 104.2 m; massive sulph. 104.2 - 105.9 m;	
S				104	6	PSZ				54	230		
S				105	9	FZR						S sym 105.9 - 106.8 m; few symmetry determinations available;	
S				106	7	CSZ				54	230		
S				106	8	FZS						R region 106.8 - 112.4 m; massive sulph;	
S				111	24	FZR						Z sym. 112.4 - 118.9 m;	
S				111	36	CSZ				45	230		
S				111	46	CSZ				69	230		
S				111	73	CSZ				45	230		
S				111	89	FZ3						S sym. 118.9 - 123.7 m;	
S				112	37	CSZ				43	230		
S				112	37	FZE						Z sym. 123.7 - 126.4 m;	
S				112	58	CSZ				41	230		
S				126	4	FZE						R region 126.4 - 137.3 m;	
S				131	1	PSZ				35	230		
S				134	2	PSZ				41	230		
S				137	3	FZR						S sym. 137.3 - 145.2 m;	

Structural Log

Code	From		To		Feature	S ₁ Dip Direct.	S ₂ Dip Direct.		Description			
	10	14	16	20			22	24		26	28	32	34	38
S			1406		CSZ			63	230			
S			1452		FZE							Z sym. 145.2 - 175.6m;
S			1460		CSZ			41	230			
S			1512		CSZ			70	230			
S			1569		CSZ			70	230			
S			1615		CSZ			75	230			
S			1659		CSZ			70	230			
S			1717		CSZ			61	230			
S			1756		FZB							S sym. 175.6 - 182.9m;
S			1764		CSZ			80	230			
S			1828		CSZ			78	230			
S			1829		FZE							Z sym. 182.9 - 189.2m;
S			1887		CSZ			67	230			
S			1892		FZE							R region 189.2 - 191.5m; 2/3 mass sulph
S			1915		FZR							Z sym. 191.5 - 206.5m;
S			1934		CSZ			62	230			
S			1990		CSZ			75	230			
S			2057		CSZ			69	230			
S			2065		FZE							R region 206.5 - 222.4m; massive sulph; massive Z sym;
S			2179		PSZ			72	230			
S			2195		PSZ			45	230			
S			2213		PSZ			77	230			
S			2224		FZR							S sym. 222.4 - 224.6m;
S			2239		CSZ			76	230			
S			2246		FZE							Z sym. 224.6 - 226.7m;
S			2267		FZE							R region 226.7 - 227.5m;
S			2275		FZR							M region 227.5 - 236.9m; st ₂ = 3/2
S			2297		CSZ			83	230			
S			2359		CSZ			78	230			
S			2369		FZM							R region 236.9 - 241.8m; 40% mass. sulph
S			2406		PSZ			80	230			
S			2465		PSZ			61	230			
S			2506		PSZ			57	230			

Geochemical Log (Sampler's Copy)

Core Code	From		To		Sample No.		Description		
	10	14	16	20	22	27	LENGTH	RECOVERY	UNIT
P	154	2	155	3	54	89	1.1	1.1	4A0
P	168	6	169	3	54	90	0.7	0.6	4E4
P	169	7	171	2	54	91	1.5	1.5	4G4
	171	2	172	7	54	92	1.5	1.5	4G4
	172	7	174	2	54	93	1.5	1.5	4G4
	174	2	175	7	54	94	1.5	1.4	4G4
P	176	2	177	4	54	95	1.2	1.2	4GD
F	177	4	178	7	54	96	1.3	1.2	4GD
P	184	4	186	0	54	97	1.6	1.6	4A4 (Sample w/ spoon)
P	186	0	189	2	54	98	3.2	1.5	4A4
									4A4
P	189	2	190	8	55	100	1.6	1.4	5D4 / 4G4
P	1104	2	1105	9	55	101	1.7	1.6	4G4
F	1105	9	1106	8	55	102	0.9	0.9	4A4
P	1106	8	1108	3	55	103	1.5	1.5	4G4
F	1108	3	1109	8	55	104	1.5	1.5	4G4
F	1109	8	1111	4	55	105	1.6	1.6	4G4
P	1111	4	1112	4	55	106	1.0	1.0	4C0
P	1112	4	1113	9	55	107	1.5	1.4	4A3
P	1113	9	1115	4	55	108	1.5	1.3	4A3
F	1115	4	1116	9	55	109	1.5	1.3	4A3
P	1116	9	1118	4	55	110	1.5	1.5	4A3
P	1118	4	1119	9	55	111	1.5	1.5	4A3
P	1119	9	1121	4	55	112	1.5	1.5	4A3
P	1121	4	1122	9	55	113	1.5	1.5	4A3
F	1122	9	1124	4	55	114	1.5	1.4	4A3
F	1124	4	1125	4	55	115	1.0	1.0	4A3
P	1125	4	1126	4	55	116	1.0	1.0	4A3
P	1126	4	1127	2	55	117	0.8	0.7	4K4
P	1127	2	1128	3	55	118	1.1	0.9	4DL / 4A3
P	1128	3	1129	4	55	119	1.1	1.1	4L0

Geochemical Log (Sampler's Copy)

Code	From		To		Sample No.		Description		
	10	14	16	20	22	27	LEAD	ZINC	UNIT
P	11294		11309		155210		1.5	1.4	4GC
P	11309		11323		155211		1.4	1.2	4GC
P	11323		11335		155212		1.2	0.9	4A3
P	11335		11347		155213		1.2	0.6	4C2
P	11347		11360		155214		1.3	0.8	4C2
P	11360		11373		155215		1.3	0.5	4C2
P	11849		11863		155216		1.4	1.3	4C2
P	11863		11877		155217		1.4	1.4	4C2
P	11877		11891		155218		1.4	1.4	4C2
P	11891		11908		155219		1.7	1.6	4H4 / 4L4
P	11908		11922		155230		1.4	1.4	4C0
P	11922		11932		155231		1.0	0.9	4A3
P	11932		11943		155232		1.1	1.0	4A3
P	11975		11989		155233		1.4	1.4	4C2
P	11989		12003		155234		1.4	1.4	4C2
P	12003		12017		155235		1.4	1.4	4C2
P	12017		12031		155236		1.4	1.4	4C2
P	12031		12045		155237		1.4	1.4	4C2
P	12045		12058		155238		1.3	1.3	4C2
P	12065		12074		155239		0.9	0.9	4G4
P	12074		12085		155240		1.1	0.9	4DB
P	12085		12100		155241		1.5	1.5	4CB
P	12100		12115		155242		1.5	1.4	4CB
P	12115		12130		155243		1.5	1.5	4CB
P	12130		12148		155244		1.8	1.7	4CB / 4L1
P	12148		12160		155245		1.2	1.2	4CB
P	12160		12172		155246		1.2	1.2	4CB
P	12172		12184		155247		1.2	1.2	4CB
P	12184		12197		155248		1.3	1.3	4CB
P	12197		12215		155249		1.8	1.8	4G4
P	12215		12224		155250		0.9	0.9	4CB
P	12232		12249		155251		1.7	1.7	4C0 / 4A3

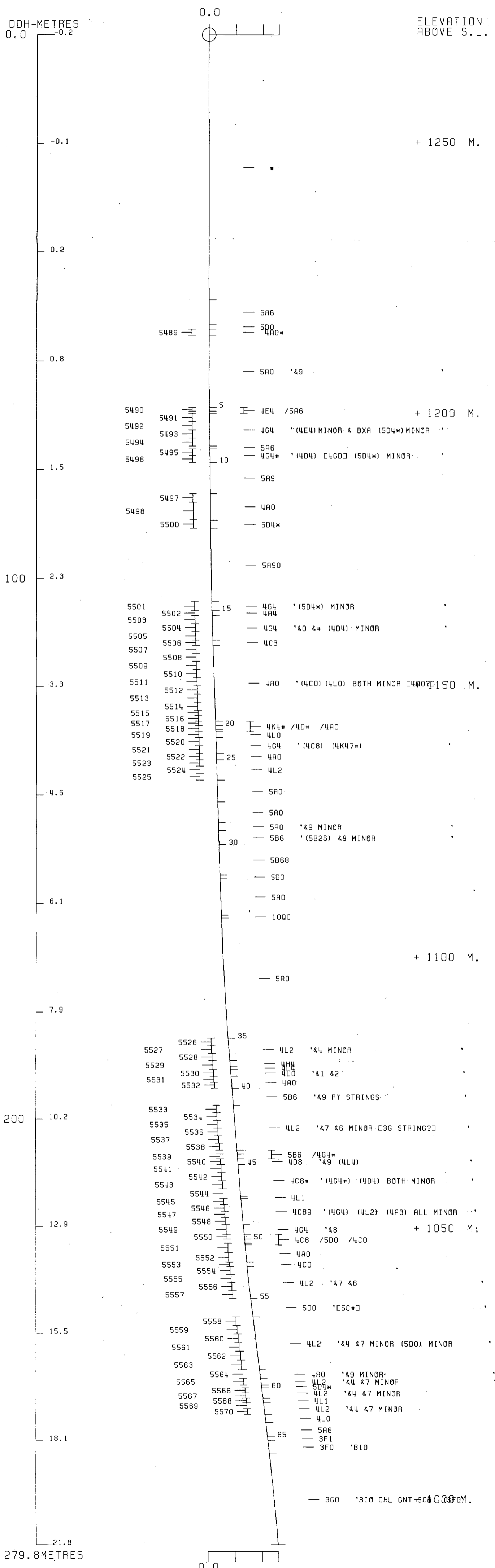
Metals

Structural Log

Code	From		To		Feature	S ₁	S ₀		S ₁		S ₂		Description
	10	14	16	20			Dip	Direct.	Dip	Direct.	Dip	Direct.	
F	168	2	68	6	G								
F	169	3	69	7	S								
F	169	7	72	2	D _P								
F	172	6	73	1	D _P								
F	174	6	74	7	D _P								
F	176	1	76	2	G								
F	184	7	104	2	G								
F	111	3	113	4	G								
F	111	6	117	0	G								
F	112	4	124	6	G								
F	112	7	128	3	B								
F	113	2	132	3	D								
F	113	6	137	3	G								
F	113	8	139	6	GP								
F	114	1	145	1	GP								
F	114	9	149	7	G								
F	117	7	177	8	S								
F	118	4	184	3	S								
F	118	9	190	3	D								
F	119	2	193	0	S								
F	215	8	211	6	D								
F	241	7	242	0	G								
F	252	1	252	9	X								
F	252	9	253	3	S								
F	253	8	253	9	S								
F	254	6	254	8	S								
F	255	1	259	4	S								
F	259	4	260	0	X								

DDH: FAGA203 -- 132 DEGREE PROFILE (VIEW AZIMUTH = 42 DEGREES)

ELEV: 1270 592465E ; 904679N
 PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2
 CORRECTED COLLAR POSITION: X = 787.2 Z = 1269.6
 SECTION NAME: 00N



DDH: FAGA203 -- 132 DEGREE PROFILE

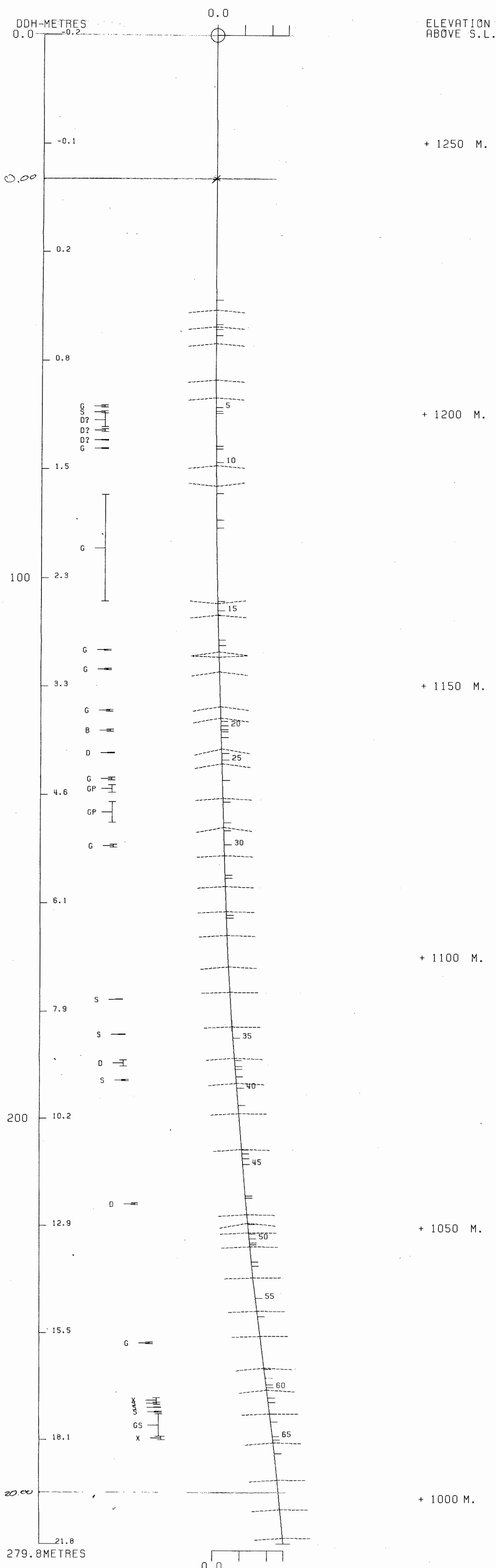
(VIEW AZIMUTH = 42 DEGREES)

ELEV: 1270 592465E ; 904679N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 787.2 Z = 1269.6

SECTION NAME: 00N



FAGA206

84/10/16

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DDH	SAMPLE	----DEPTHS----		INT	REC	ROCK	S.G.	CU	PB	ZN	AG	AU	PO	PY	BAO	PB+ZN	PO+PY	ZN
		FROM	TO	M	X	UNIT		X	X	X	G/MT	G/MT	X	X	X	X	X	RATIO
FAGA206	5680	104.5	108.8	4.3	30	4EG4	4.01	.22	5.80	11.00	104.0	.82	2.12	19.70		16.80	21.82	.65
	5682	126.8	129.8	3.0	27	4A0	2.47	.06	.14	.17	5.0	.82				.31		.55
	5683	129.8	132.6	2.8	36	4A0	2.76	.05	.23	.42	7.0	.41				.65		.65
	5684	132.6	133.1	.5	100	4C0	3.22	.13	.18	.70	5.0	.14				.88		.80
	5685	201.9	203.6	1.7	88	4A3	2.90	.16	.18	.20	5.0	.41				.38		.53
	5686	224.5	227.1	2.6	54	4D8	3.55	.14	2.70	2.90	39.0	.48	12.55	15.60		5.60	28.15	.52
	5687	227.1	228.6	1.5	87	4D8	3.89	.14	4.00	3.50	41.0	1.30	7.99	20.90		7.50	28.89	.47
	5688	228.6	229.7	1.1	100	4C83	3.91	.24	2.01	.99	30.0	1.44	10.57	25.20		3.00	35.77	.33
	5689	229.7	231.1	1.4	100	4C83	3.91	.11	2.90	1.13	44.0	1.51	10.17	24.00		4.03	34.17	.28
	5690	231.1	232.5	1.4	100	4C83	3.98	.21	.98	.62	24.0	2.19	8.66	27.60		1.60	36.26	.39
	5826	236.3	237.8	1.5	100	4L2	3.05	.14	.12	.25	5.0	.27				.37		.68
	5829	237.8	239.3	1.5	100	4L2	3.06	.43	.07	.12	5.0	.14				.19		.63
	5830	239.3	240.8	1.5	93	4L2	3.09	.18	.03	.03	3.0	.14				.06		.50
	5831	240.8	242.3	1.5	33	4L2	2.99	.11	.04	.03	2.0	.07				.07		.43
	5832	242.3	243.9	1.6	100	4L2	2.88	.02	.02	.03	1.0	.07				.05		.60
	5833	243.9	245.5	1.6	50	4L2	2.93	.04	.01	.04	2.0	.07				.05		.80
	5834	245.5	247.1	1.6	100	4L2	2.93	.08	.01	.06	1.0	.34				.07		.86
	5835	248.4	249.6	1.2	100	4L2	2.90	.04	.01	.07	1.0	.07				.08		.87
	5691	254.6	255.8	1.2	100	4ACL	3.27	.14	1.46	1.45	26.0	.55				2.91		.50
	5692	255.8	256.8	1.0	100	4AC	2.86	.19	.56	.70	12.0	.96				1.26		.56
	5693	256.8	257.9	1.1	100	4A0	2.99	.18	1.33	1.68	23.0	.55				3.01		.56
	5836	259.6	261.1	1.5	100	4L2	2.93	.07	.09	.11	4.0	.07				.20		.55
	5837	261.1	262.6	1.5	100	4L2	2.91	.09	.14	.05	3.0	.07				.19		.26
	5838	262.6	264.1	1.5	100	4L2	2.93	.07	.14	.21	2.0	.07				.35		.60
	5839	264.1	265.6	1.5	100	4L2	2.99	.09	.24	.16	4.0	.14				.40		.40
	5840	265.6	267.2	1.6	100	4L2	2.93	.07	.05	.13	4.0	.07				.18		.72
	5841	267.2	268.8	1.6	100	4L2	2.96	.10	.13	.11	5.0	.14				.24		.46
	5842	268.8	270.4	1.6	100	4L2	2.93	.09	.07	.19	3.0	.07				.26		.73
	5843	278.2	280.1	1.9	79	4L2	2.97	.10	.08	.33	4.0	.07				.41		.80

84/1C/16

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DDH	SAMPLE	ROCK UNIT	CPY	NORMATIVE MINERALS - WEIGHT X					OTHER *	CPY	NORMATIVE MINERALS - VOLUME X					OTHER	
				GA	SP	PO	PY	BAR			GA	SP	PO	PY	BAR		
FAGA206	5680	4EG4	.64	6.70	16.40	3.33	42.36		30.57	*	.59	3.51	16.10	2.85	33.28		43.66
	5682	4A0	.17	.16	.25				99.41	*							
	5683	4A0	.14	.27	.63				98.96	*							
	5684	4C0	.38	.21	1.04				98.37	*							
	5685	4A3	.46	.21	.30				99.03	*							
	5686	4C8	.40	3.12	4.32	19.74	33.55		38.87	*	.36	1.56	4.04	16.05	25.10		52.88
	5687	4C8	.40	4.62	5.22	12.57	44.95		32.25	*	.38	2.42	5.12	10.73	35.30		46.05
	5688	4C83	.69	2.32	1.48	16.62	54.19		24.69	*	.68	1.28	1.52	14.89	44.65		36.99
	5689	4C83	.32	3.35	1.68	15.99	51.61		27.04	*	.31	1.82	1.71	14.15	42.00		40.01
	5690	4C83	.61	1.13	.92	13.62	59.35		24.36	*	.60	.62	.95	12.23	49.02		36.58
	5828	4L2	.40	.14	.37				99.08	*							
	5829	4L2	1.24	.08	.18				98.50	*							
	5830	4L2	.52	.03	.04				99.40	*							
	5831	4L2	.32	.05	.04				99.59	*							
	5832	4L2	.06	.02	.04				99.87	*							
	5833	4L2	.12	.01	.06				99.81	*							
	5834	4L2	.23	.01	.09				99.67	*							
	5835	4L2	.12	.01	.10				99.77	*							
	5691	4ACL	.40	1.69	2.16				95.75	*							
	5692	4A0	.55	.65	1.04				97.76	*							
	5693	4A0	.52	1.54	2.50				95.44	*							
	5836	4L2	.20	.10	.16				99.53	*							
	5837	4L2	.26	.16	.07				99.50	*							
	5838	4L2	.20	.16	.31				99.32	*							
	5839	4L2	.26	.28	.24				99.22	*							
	5840	4L2	.20	.06	.19				99.55	*							
	5841	4L2	.29	.15	.16				99.40	*							
	5842	4L2	.26	.08	.28				99.38	*							
	5843	4L2	.29	.09	.49				99.13	*							

DRILL HOLE : FAGA206
NORTHING : 904,718.6
EASTING : 592,419.6
ELEVATION : 1,275.3
TOTAL DEPTH : 318.1
SECTION : W 65
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
CHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS ORE-SAMPLES: 29
NOS DOWN-H-SURVEYS: 10
NOS DOWN-H-LITHOLOGY: 66
NOS DOWN-H-STRUCTURE: 74
NOS DOWN-H-FAULTS: 40
NOS DOWN-H-SPLINES: 10
NOS COMPOSITES: 0

DDH: FAGA206 UTM-N: 904,718.6 UTM-E: 592,419.6 UTM-ELEV: 1,275.3 TOTAL DEPTH: 318.1 SECTION: W 65
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALG: 1

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
71.000	175.500	77.000
101.500	175.500	85.000
132.000	175.000	90.000
162.500	172.700	90.000
192.900	171.000	86.000
223.400	169.500	90.000
253.900	168.000	83.000
284.400	156.000	83.000
314.800	166.000	85.000

LOG: FAGA206 UTM-N: 904712.6 UTM-E: 5927419.6 UTM-ELEV: 17275.3 TOTAL DEPTH: 318.1 SECTION: W 65
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
54.0	OC01	#		0.5-	1
55.9	OC02	5B0	(5D4*) MINOR	0.5-	1
59.9	OC03	5D0		0.5-	1
73.8	OC04	5B0		0.5-	1
81.6	OC05	5B0		0.5-	1
87.8	OC06	5B2		0.5-	1
101.5	OC07	5B2		0.5-	1
104.5	OC08	5B2	??	0.5-	1
108.8	OC09	4EG	BXA [4G4(4E0)BXA](4CC &7)MINOR	0.5-	1
113.3	OC10	5B0	82	0.5-	1
120.7	OC11	4A3		0.5-	1
126.8	OC12	4L2	(4A3) MINOR	0.5-	1
132.6	OC13	4AC		0.5-	1
133.1	OC14	4CC	87 MINOR (4L) MINOR	0.5-	1
162.5	OC15	5B0	82 (5C0) MINOR	0.5-	1
164.4	OC16	5D0	(5B2C)	0.5-	1
180.7	OC17	5B0	82	0.5-	1
182.9	OC18	4LC	(5B0) MINOR [5D4*]	0.5-	1
185.8	OC19	5B0		0.5-	1
187.6	OC20	5AC		0.5-	1
191.0	OC21	5B0		0.5-	1
194.7	OC22	5AC		0.5-	1
197.2	OC23	5B0		0.5-	1
201.4	OC24	5A0		0.5-	1
201.9	OC25	4L0		0.5-	1
203.6	OC26	4A3		0.5-	1
205.3	OC27	4L2	87 MINOR	0.5-	1
206.7	OC28	5A0		0.5-	1
207.5	OC29	4L1	(4L127)	0.5-	1
210.5	OC30	4L4	(5A0)	0.5-	1
211.0	OC31	5B2		0.5-	1
214.9	OC32	5A0		0.5-	1
215.5	OC33	5B0		0.5-	1
217.1	OC34	5AC		0.5-	1
218.3	OC35	5B0		0.5-	1
219.8	OC36	5A0		0.5-	1
224.5	OC37	4L0		0.5-	1
232.5	OC38	4C83	87 (4H1)& BXA &# [4C38 &4]	0.5-	1
233.2	OC39	5B6		0.5-	1
234.1	OC40	4LC	81	0.5-	1
234.7	OC41	5AC		0.5-	1
236.3	OC42	4LC	81	0.5-	1
247.1	OC43	4L2	(4C0) (5D4*)	0.5-	1
248.4	OC44	5C#		0.5-	1
250.7	OC45	4L2	81	0.5-	1
254.6	OC46	4L0	86	0.5-	1
255.4	OC47	4A3	[4A0]	0.5-	1
255.8	OC48	4CC		0.5-	1
257.9	OC49	4AC		0.5-	1
259.6	OC50	4LC		0.5-	1
270.4	OC51	4L2	86 87 MINOR	0.5-	1

DDH: FAGA206 UTM-N: 904,718.6 UTM-E: 592,419.6 UTM-ELEV: 1,275.3 TOTAL DEPTH: 318.1 SECTION: W 65
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
275.6	OC52	5A6		0.5-	1
278.2	OC53	4LC	& PY STR.	0.5-	1
280.1	OC54	4L2	&7 MINOR	0.5-	1
284.4	OC55	4LC		0.5-	1
291.5	OC56	4L6	(3B3 BIO)(5A0) MINOR [3G STR]	0.5-	1
296.4	OC57	4L6	(3B3 BIO)	0.5-	1
296.9	OC58	5B6	MYLONITE	0.5-	1
298.3	OC59	5A0	-> 5B2 LOCALLY	0.5-	1
302.6	OC60	5A0		0.5-	1
304.6	OC61	4L35	[5C4*]	0.5-	1
308.7	OC62	3G0	GARNET	0.5-	1
310.4	OC63	3C3		0.5-	1
312.2	OC64	3G8	BIO	0.5-	1
315.0	OC65	3G0	[1CD] BIO STAUR ANDUL	0.5-	1
318.2	OC66	3G0	[1CD] BIO STAUR ANDUL	0.5-	1

DDH: FAGA206 UTM-N: 904,718.6 UTM-E: 592,419.6 UTM-ELEV: 1,275.3 TOTAL DEPTH: 318.1 SECTION: W 65
 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	DHCC	SDC	PRCESS
FAGA206	0.0	55.5	CS2			0	0	0	C		42	230	C			1	1	1
FAGA206	0.0	58.6	F2	E		0	0	0	C		0	0	C			1	1	1
FAGA206	0.0	61.9	CS2			0	0	0	C		57	230	C			1	1	1
FAGA206	58.6	65.2	CS2	Z		0	0	0	C		0	C	C			1	1	1
FAGA206	0.0	68.9	CS2			0	0	0	C		54	230	C			1	1	1
FAGA206	65.2	68.9	CS2	S		0	0	0	0		0	C	C			1	1	1
FAGA206	68.9	72.5	CS2	Z		0	C	0	C		0	C	C			1	1	1
FAGA206	0.0	72.6	CS2			0	C	0	C		53	230	C			1	1	1
FAGA206	72.5	76.9	CS2	S		0	0	0	0		0	0	0			1	1	1
FAGA206	0.0	111.0	PS2			0	C	0	C		62	230	0			1	1	1
FAGA206	76.9	111.0	PS2	P		0	C	0	C		0	0	C			1	1	1
FAGA206	0.0	118.4	CS2			0	0	0	0		63	230	0			1	1	1
FAGA206	111.0	120.7	CS2	Z		0	0	0	0		0	0	C			1	1	1
FAGA206	0.0	124.3	PS2			0	C	0	C		76	230	C			1	1	1
FAGA206	120.7	126.8	PS2	P		0	C	0	C		0	0	C			1	1	1
FAGA206	0.0	127.1	CS2			0	0	0	C		68	230	C			1	1	1
FAGA206	126.8	132.6	CS2	Z		0	0	0	C		0	C	C			1	1	1
FAGA206	0.0	133.1	F2	R		0	0	0	C		0	C	C			1	1	1
FAGA206	0.0	135.2	CS2			0	C	0	C		40	230	C			1	1	1
FAGA206	0.0	141.3	CS2			0	0	0	0		40	230	0			1	1	1
FAGA206	133.1	145.5	CS2	S		0	0	0	C		0	C	C			1	1	1
FAGA206	0.0	147.4	CS2			0	0	0	C		50	230	C			1	1	1
FAGA206	0.0	151.9	CS2			0	C	0	C		35	230	C			1	1	1
FAGA206	145.5	152.1	CS2	Z		0	0	0	C		0	0	C			1	1	1
FAGA206	0.0	155.9	CS2			0	C	0	C		34	230	C			1	1	1
FAGA206	152.1	156.2	CS2	S		0	0	0	0		0	C	C			1	1	1
FAGA206	0.0	157.6	CS2			0	C	0	0		44	230	C			1	1	1
FAGA206	0.0	159.1	CS2			0	0	0	C		35	230	C			1	1	1
FAGA206	156.2	159.4	CS2	Z		0	0	0	0		0	0	0			1	1	1
FAGA206	159.4	161.4	CS2	S		0	0	0	C		0	0	C			1	1	1
FAGA206	0.0	161.7	CS2			0	C	0	C		45	230	C			1	1	1
FAGA206	0.0	163.8	CS2			0	0	0	C		85	230	C			1	1	1
FAGA206	0.0	166.3	CS2			0	0	0	C		67	230	C			1	1	1
FAGA206	0.0	172.8	CS2			0	C	C	C		69	230	0			1	1	1
FAGA206	161.4	174.5	CS2	Z		0	0	0	C		0	C	C			1	1	1
FAGA206	0.0	177.2	CS2			0	0	0	C		55	230	C			1	1	1
FAGA206	174.5	177.2	CS2	D		0	0	0	C		0	0	C			1	1	1
FAGA206	0.0	179.6	CS2			0	0	0	C		47	230	C			1	1	1
FAGA206	0.0	182.0	CS2			0	C	C	C		67	230	0			1	1	1
FAGA206	177.2	182.0	CS2	S		C	C	C	C		0	0	C			1	1	1
FAGA206	0.0	186.2	CS2			0	C	C	C		57	230	0			1	1	1
FAGA206	182.0	186.8	CS2	Z		0	0	0	C		0	0	C			1	1	1
FAGA206	186.8	189.1	CS2	S		0	C	C	C		0	0	C			1	1	1
FAGA206	0.0	190.7	CS2			0	C	C	C		73	230	C			1	1	1
FAGA206	0.0	196.3	CS2			0	C	C	C		75	230	C			1	1	1
FAGA206	0.0	200.8	CS2			0	0	0	C		75	230	C			1	1	1
FAGA206	189.1	203.9	CS2	Z		0	C	C	C		0	0	C			1	1	1
FAGA206	0.0	205.4	PS2			0	0	0	C		76	230	C			1	1	1
FAGA206	203.9	207.5	PS2	P		0	0	0	C		0	C	C			1	1	1
FAGA206	0.0	211.0	CS2			0	0	0	C		65	230	C			1	1	1
FAGA206	0.0	217.5	CS2			0	0	0	C		72	230	0			1	1	1

DDH: FAGA206 UTM-N: 904,718.6 UTM-E: 592,419.6 UTM-ELEV: 1,275.3 TOTAL DEPTH: 318.1 SECTION: W 65
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	DIRECT	S1 ANGLE	DIRECT	S2 ANGLE	DIRECT	RFE	CDE	DHCC	SDC	PROCESS
FAGA206	0.0	222.9	CS2		0	C	0	C	60	230	C		1	1	1
FAGA206	207.5	224.5	CS2	Z	0	C	0	C	0	C	C		1	1	1
FAGA206	0.0	230.4	PS2		0	C	0	C	50	230	C		1	1	1
FAGA206	224.5	233.2	PS2	P	0	C	0	C	0	C	C		1	1	1
FAGA206	0.0	235.5	CS2		0	C	0	C	65	230	C		1	1	1
FAGA206	0.0	240.2	CS2		0	C	0	C	66	230	C		1	1	1
FAGA206	0.0	248.3	CS2		0	C	0	C	61	230	C		1	1	1
FAGA206	0.0	251.2	CS2		0	C	0	C	65	230	C		1	1	1
FAGA206	0.0	256.8	CS2		0	C	0	C	71	230	C		1	1	1
FAGA206	0.0	262.7	CS2		0	C	0	C	79	230	C		1	1	1
FAGA206	0.0	268.9	CS2		0	C	0	C	68	230	C		1	1	1
FAGA206	233.2	269.7	CS2	Z	0	C	0	C	0	C	C		1	1	1
FAGA206	0.0	276.6	PS2		0	C	0	C	68	230	C		1	1	1
FAGA206	269.7	280.4	PS2	P	0	C	0	C	0	C	C		1	1	1
FAGA206	0.0	282.4	CS2		0	C	0	C	74	230	C		1	1	1
FAGA206	0.0	287.3	CS2		0	C	0	C	69	230	C		1	1	1
FAGA206	280.4	289.6	CS2	Z	0	C	0	C	0	C	C		1	1	1
FAGA206	0.0	292.0	PS2		0	C	0	C	67	230	C		1	1	1
FAGA206	0.0	298.0	PS2		0	C	0	C	52	230	C		1	1	1
FAGA206	0.0	307.2	PS2		0	C	0	C	44	230	C		1	1	1
FAGA206	0.0	312.3	PS2		0	C	0	C	60	230	C		1	1	1
FAGA206	0.0	317.4	PS2		0	C	0	C	70	230	C		1	1	1
FAGA206	289.6	318.2	PS2	P	0	C	0	C	0	C	C		1	1	1

DDH: FAGA206 UTM-N: 904,718.6 UTM-E: 592,419.6 UTM-ELEV: 1,275.3 TOTAL DEPTH: 318.1 SECTION: W 65
 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			
FAGA206	73.0	81.6	GSF				0	0	C	C	0	0	1
FAGA206	87.8	101.5	GSF				0	0	C	C	0	0	1
FAGA206	101.5	104.5	P		C		C	0	C	C	0	0	1
FAGA206	104.5	104.8	X?				0	0	C	C	0	0	1
FAGA206	108.3	108.6	D				0	0	C	C	0	0	1
FAGA206	104.5	108.8	P		3		0	0	C	C	0	0	1
FAGA206	108.8	109.0	X				0	0	C	C	0	0	1
FAGA206	108.8	118.3	PB		3		0	0	C	C	0	0	1
FAGA206	118.5	118.6	G				0	0	C	C	0	0	1
FAGA206	120.4	120.5	G				C	0	C	C	0	C	1
FAGA206	120.7	121.2	S				C	0	C	C	0	0	1
FAGA206	145.5	145.6	G				0	0	C	C	0	0	1
FAGA206	155.6	155.7	G				0	0	C	C	0	0	1
FAGA206	160.5	161.4	SG				0	0	C	C	0	0	1
FAGA206	165.2	165.4	S				0	0	C	C	0	C	1
FAGA206	167.2	167.3	S				0	0	C	C	0	0	1
FAGA206	173.3	173.4	G				0	0	C	C	0	0	1
FAGA206	174.2	174.4	G				0	0	C	C	0	0	1
FAGA206	207.8	207.9	G				0	0	C	C	0	0	1
FAGA206	0.0	220.2	S				0	0	C	C	0	0	1
FAGA206	223.1	223.2	G				0	0	C	C	0	0	1
FAGA206	224.3	224.5	G				0	0	C	C	0	0	1
FAGA206	0.0	225.6	D?				0	0	C	C	0	0	1
FAGA206	227.9	228.0	G				0	0	C	C	0	0	1
FAGA206	228.3	228.8	X?				0	0	C	C	0	0	1
FAGA206	231.1	232.4	X?				C	0	C	C	0	0	1
FAGA206	232.4	232.5	X?				G	0	C	C	0	0	1
FAGA206	0.0	235.8	1G				0	0	C	C	0	0	1
FAGA206	0.0	236.0	1G				0	0	C	C	0	0	1
FAGA206	246.7	246.8	G				0	0	C	C	0	0	1
FAGA206	277.4	277.6	G				0	0	C	C	0	0	1
FAGA206	296.7	296.8	3S				0	0	C	C	0	0	1
FAGA206	296.8	296.9	G				0	0	C	C	0	0	1
FAGA206	296.9	297.3	S				0	0	C	C	0	0	1
FAGA206	298.3	302.6	G				0	0	C	C	0	C	1
FAGA206	304.2	304.4	X				0	0	C	C	0	0	1
FAGA206	304.6	306.7	XS				0	0	C	C	0	0	1
FAGA206	308.0	308.2	S				0	0	C	C	0	0	1
FAGA206	0.0	310.0	1G				C	0	C	C	0	0	1
FAGA206	310.7	310.8	1X				C	0	C	C	0	0	1

DDH: FAGA206 UTM-N: 904,718.6 UTM-E: 592,419.6 UTM-ELEV: 1,275.3 TOTAL DEPTH: 318.1 SECTION: W 65
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH SEGMENT NOS COND INDICATOR

FAGA206	1	2
FAGA206	2	2
FAGA206	3	2
FAGA206	4	2
FAGA206	5	2
FAGA206	6	2
FAGA206	7	2
FAGA206	8	2
FAGA206	9	2
FAGA206	10	1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 80-A206

Fabric Orientation Diagram:

Project: GRUM

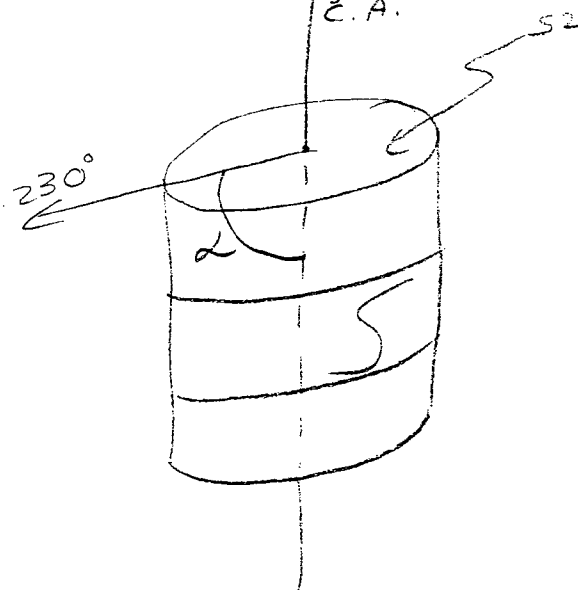
Location: VANGORDA PLATEAU

Claim: _____

UTM ~~Terr. Plane~~
Co-ords.: 6904718.617 N

CAMC Mine Survey
Co-ords.: 592419.588 E

Grid
Co-ords.: 65W/BL



Elevation: 1275.326

All symmetry determinations looking

NW with S2 dipping

SW with dip azimuth 230.

Total Depth: 318.2 m

Purpose: _____

Logged by: PN

Date(s) Logged: NOV. 4, 5, 7, 1980

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

NQ 0 EoH

Started: _____ Completed: _____

Code	From	To	Unit	Code	Description
1	10	14	16	20	22 23 25 27
L	100	540	1		o/B facies
L	540	559	2	5B0	few interbands of buff coloured, calcareous 5D4(?) (4L3?)
L	559	599	3	5D10	(?) buff green colour; calcareous; few 5B0 interband DQO 59.1-59.3 m
L	599	738	4	5B0	numerous to lenses & veins
L	738	816	5	5B0	gouge & shear; fault
L	816	878	6	5B2	
L	878	1015	7	5B2	gouge & shear; fault
L	1015	1045	8	5B2	? no core recovered (0.1 m); few 5B2 pebbles;
L	1045	1088	9	4EG	brecciated w/ 4E0 clasts 104.5-104.8 m; 4D7 104.8-104.9 m; 4C0 w/ 4D4 interbands 104.9-105.1 m; 4E0 clasts & 4G4 matrix; 108.2-108.6 m; 4G4 (15%) 108.6-108.8 m; poor recovery - 1.3 m / 4.3 m
L	1088	1118	10	5B0	brecciated w/ few 7B2 bands 108.8-109.0 m; locally graphitic; broken core 4A3 117.0- 117.1 m; poor recovery - 3.6 m / 9.5 m;
L	1118	1207	11	4A3	gouge 118.5-118.6 m, 120.4-120.5 m;
L	1207	1268	12	4L2	sheared 120.7-121.2 m; few 4A3 interbands;
L	1268	1326	13	4A0	
L	1326	1331	14	4C0	w/ minor po; few 4C0 clasts;
L	1331	1625	15	5B0	locally graphitic; gouge 145.5-145.6 m, 155.6-155.7; shear + gouge 160.5-161.4 m; 5D0 157.5-157.7 m;
L	1625	1644	16	5D0	w/ 5B2 interbands;
L	1644	1807	17	5B0	locally graphitic; sheared 165.2-165.4 m; 167.2-167.3, 4C0 w/ po pebbles 170.1-170.2 m; gouge 173.3-173.4 m, 174.2-174.4 m
L	1807	1829	18	4L0	w/ 4B-5B bands; minor 5B0 interbands;
L	1829	1858	19	5B0	
L	1858	1876	20	5A0	
L	1876	1910	21	5B0	
L	1910	1947	22	5A0	
L	1947	1972	23	5B0	

Lithologic Log

Code	From	To	Unit	Code	Description
	10 14 16 20 22 23 25 27				
L	11972	12011	424	5A0	
L	12014	12019	25	4L0	
L	12019	12036	26	4A3	
L	12036	12053	27	4L2	main py blobs;
L	12053	12067	28	5A0	
L	12067	12075	29	4L1	4L27 w/ <5% PbZn;
L	12075	12105	30	4L4	3% PbZn; 5A0 207.6 - 207.8m; gouge 207.8 - 207.9m; darker colour towards GSH;
L	12105	12110	31	5B2	
L	12110	12149	32	5A0	main py stringers;
L	12149	12155	33	5B0	slightly calc.
L	12155	12171	34	5A0	as unit 32;
L	12171	12183	35	5B0	slightly calc.
L	12183	12198	36	5A0	
L	12198	12245	37	4L0	2% py; shear 220.2 - 220.2m; gouge 223.1 - 223.2m; 224.3 - 224.5m;
L	12245	12325	38	4C8	4A1 224.7 - 224.9m; 4C7 calcareous 224.9 - 225.1m; few 4L bands at 225.6m w/ 4L clasts & 4C8 surrounding these; gouge 227.9 - 228.0m; brecciated w/ 4C7 clasts & sericitic matrix 228.3 - 228.8m; 4L2 230.8 - 231.0m; brecciated w/ 4C clasts & calcareous matrix 231.1 - 232.4m; brief 4L4 interval .4m at 231.2m; brecciated 4A3 232.4 - 232.5m;
L	12325	12332	39	5B16	5B61
L	12332	12341	40	4L0	somewhat siliceous;
L	12341	12347	41	5A0	
L	12347	12363	42	4L0	as unit 40; main gouge at 235.8, 236.2m;
L	12363	12471	43	4L2	4C0 water bands; bleached massive 500 (calc.) w/ low chl. & massive blobs 245.8 - 245.9m; 0Q0 246.2 - 246.4m; 246.5 - 246.6m; gouge 246.7 - 246.8m;
L	12471	12484	44	5D0	mottled; siliceous 248.3 - 248.4m;
L	12484	12507	45	4L2	main PbZn (14%); locally siliceous;
L	12507	12546	46	4L0	varying chl. content;
L	12546	12554	47	4A3	

Structural Log

Code	From		To	Feature	SYM	S ₁		S ₂		Description	
						Dip	Direct.	Dip	Direct.		
	10	14	16	20	22	24	26	28	32	34	38
S				555	CSZ				42	230	
S				586	FZK						Z sym. 58.6 - 65.2m;
S				619	CSZ				57	230	
S				652	FZK						S sym. 65.2 - 68.9m;
S				689	CSZ				54	230	
S				689	FZK						Z sym. 68.9 - 72.5m;
S				725	FZ3						S sym. 72.5 - 76.9m;
S				726	CSZ				53	230	
S				769	FZS						R region 76.9 - 111.0m; 15% massive sulph; 60% quartz;
S				1110	PSZ				62	230	
S				1110	FZK						Z sym. 111.0 - 120.7m;
S				1118	CSZ				63	230	
S				1207	FZK						R region 120.7 - 126.8m;
S				1243	PSZ				76	230	
S				1268	FZK						Z sym. 126.8 - 132.6m;
S				1271	CSZ				68	230	
S				1326	FZK						R region 132.6 - 133.1m;
S				1331	FZK						S sym. 133.1 - 145.5m;
S				1352	CSZ				40	230	
S				1413	CSZ				40	230	
S				1455	FZK						Z sym. 145.5 - 152.1m;
S				1474	CSZ				50	230	
S				1519	CSZ				35	230	
S				1521	FZ3						S sym. 152.1 - 156.2m;
S				1559	CSZ				34	230	
S				1562	FZK						Z sym. 156.2 - 159.4m;
S				1576	CSZ				44	230	
S				1591	CSZ				35	230	
S				1594	FZ3						S sym. 159.4 - 161.4m;
S				1614	FZK						Z sym. 161.4 - 174.5m;
S				1617	CSZ				45	230	
S				1638	CSZ				85	230	
S				1663	CSZ				67	230	
S				1728	CSZ				69	230	

Structural Log

Code	From				To				Feature	S ₁ Dip Direct.	S ₂ Dip Direct.			Description
	10	14	16	20	22	24	26	28			32	34	38	
S				174.5	FZ	Z							D region 174.5 - 177.2m;	
S				177.2	CS	Z				55	230			
S				177.2	FZ	D							S sym. 177.2 - 182.0m;	
S				179.6	CS	Z				47	230			
S				182.0	CS	Z				67	230			
S				182.0	FZ	S							Z sym. 182.0 - 186.8m;	
S				186.2	CS	Z				57	230			
S				186.8	FZ	Z							S sym. 186.8 - 189.1m;	
S				189.1	FZ	S							Z sym. 189.1 - 203.9m;	
S				190.7	CS	Z				73	230			
S				196.3	CS	Z				75	230			
S				200.8	CS	Z				75	230			
S				203.9	FZ	Z							R region 203.9 - 207.5m;	
S				205.4	PS	Z				76	230			
S				207.5	FZ	R							Z sym. 207.5 - 224.5m;	
S				211.0	CS	Z				65	230			
S				217.5	CS	Z				72	230			
S				222.9	CS	Z				60	230			
S				224.5	FZ	Z							R region 224.5 - 233.2m;	
													90% massive sulph;	
S				230.4	PS	Z				50	230			
S				233.2	FZ	R							Z sym. 233.2 - 269.7m;	
S				235.5	CS	R				65	230			
S				240.2	CS	Z				66	230			
S				240.3	CS	Z				81	230			
S				251.2	CS	Z				65	230			
S				254.8	CS	Z				71	230			
S				262.7	CS	Z				79	230			
S				268.9	CS	Z				68	230			
S				269.7	FZ	Z							R region 269.7 - 280.4m;	
S				276.6	PS	Z				68	230			
S				280.4	FZ	R							Z sym. 280.4 - 289.6m;	
S				282.4	CS	Z				74	230			
S				287.3	CS	Z				69	230			
S				289.6	FZ	Z							R region 289.6 - 318.2m;	
S				292.0	PS	Z				67	230			

No.	From		To		Sample No.		Description			
	1	10	14	16	20	22	27	LENGTH	RECOVERY	UNIT
P	1101	45	1101	80	156810			4.3	1.3	4EG
P	1110	3	1120	7				2.4		4A3
R	1120	7	1122	2				1.5		4L2
D	1122	2	1126	8				4.6		4L2
								no tag 5681		
P	1126	8	1129	8	156812			3.0	0.8	4A0
P	1129	8	1132	6	156813			2.8	1.0	4A0
P	1132	6	1133	1	156814			0.5	0.5	4C0
P	1201	9	1201	36	156815			1.7	1.5	4A3
R	1201	36	1205	3				1.7		4L2
R	1206	7	1207	5				0.8		4L27
R	1207	5	1209	0				1.5		4L4
R	1209	0	1210	5				1.5		4L4
P	1224	5	1227	1	156816			2.6	1.4	4C8
P	1227	1	1228	6	156817			1.5	1.3	4C8
P	1228	6	1229	7	156818			1.1	1.1	4C8
P	1229	7	1231	1	156819			1.4	1.4	4C8
P	1231	1	1232	5	15690			1.4	1.4	4C8
P	1236	3	1237	8	158128			1.5	1.5	4L2
P	1237	8	1239	3	158129			1.5	1.5	4L2
P	1239	3	1240	8	158130			1.5	1.4	4L2
P	1240	8	1242	3	158131			1.5	0.5	4L2
P	1242	3	1243	9	158132			1.6	1.6	4L2
P	1243	9	1245	5	158133			1.6	0.8	4L2

DDH 20-A206
2 8

Cyprus Anvil Mining Corp.

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Geochemical Log (Sampler's Copy)

Logged By: PN

Sampled By: _____

Code	From		To		Sample No.	Description			
	10	14	16	20		22	27	LENGTH	RECOVERY	UNIT
P	12455		12471		15834		1.6	1.6	4L2
P	12484		12496		15835		1.2	1.2	4L2
P	12496		2559				1.1		4L2
P	12546		12558		15691		1.2	1.2	4A3/4C0
P	12558		12568		15692		1.0	1.0	4A3
P	12568		12579		15693		1.1	1.1	4A3
P	12596		12611		15836		1.5	1.5	4L2
P	12611		12626		15837		1.5	1.5	4L2
P	12626		12641		15838		1.5	1.5	4L2
P	12641		12656		15839		1.5	1.5	4L2
P	12656		12672		15840		1.6	1.6	4L2
P	12672		12688		15841		1.6	1.6	4L2
P	12688		12704		15842		1.6	1.6	4L2
P	12782		12801		15843		1.9	1.5	4L2

DDH FAGAR206
 2 8

Cyprus Anvil Mining Corp.

Page _____ of _____

Structural Log

Date: _____ Logged By: _____

metres

Code	From				To				Feature	S/E	S ₀		S ₁		S ₂		Description
	10	14	16	20	22	24	26	28			32	34	38	40	44		
F		1730		1816	G	S	F										
F		1878		1015	G	S	F										
F		1015		1045	P		0										
F		1045		1048	X		P										
F		1083		1086	D												
F		1045		1088	P		3										
F		1088		1090	X												
F		1088		1183	P		3										
F		1185		1186	G												
F		1204		1205	G												
F		1207		1212	S												
F		1455		1456	G												
F		1556		1557	G												
F		1605		1614	S		G										
F		1652		1654	S												
F		1672		1673	S												
F		1733		1734	G												
F		1742		1744	G												
F		2078		2079	G												
F				2202	S												
F		2231		2232	G												
F		2243		2245	S		G										
F				2256	D		P										
F		2279		2280	G												
F		2283		2288	X		P										
F		2311		2324	X		P										
F		2324		2325	X		P										
F				2358	G		1										
F				2360	G		1										
F		2467		2468	G												
F		2774		2776	G												
F		2967		2968	S		3										
F		2968		2969	G												
F		2969		2973	S												
F		2983		3026	G												
F		3042		3044	X												

DRILL HOLE : FAGA203
NORTHING : 904,826.9
EASTING : 592,313.9
ELEVATION : 1,278.1
TOTAL DEPTH : 224.6
SECTION : W 70
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
CHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

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

DDP: SACAZOR HTM-N: 904-826.9 UTM-E: 592,313.9 UTM-ELEV: 1,278.1 TOTAL DEPTH: 224.6 SECTION: W 70
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

---DEPTHS---		SAMPLE NO.	INT. REC.	REC. UNIT	ROCK UNIT	S.G. PULP	-----ASSAYS-----													
FROM	TO						CU %	FE %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TCT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
76.7	77.6	05801	.9	.9	403	3.82	.39	3.40	3.00	60.00		.27	7	21	28					
77.6	78.4	05802	.8	.8	4L2	2.84	.09	.14	.03	4.00		.14	1	3	5					
78.4	80.0	05803	1.6	1.6	403	3.57	.23	1.08	.74	22.00		.34	4	16	20					
80.0	81.6	05804	1.6	1.6	403	3.87	.20	2.40	1.72	39.00		.55	3	25	23					
81.6	82.7	05805	1.1	1.1	4L2	3.09	.06	.83	.43	13.00		.21	1	10	12					
82.7	83.5	05806	.8	.8	40C4	4.09	.18	6.70	8.30	109.00		.82	2	18	20					
83.5	84.2	05807	.7	.7	404	4.84	.22	5.80	8.70	99.00		6.58	3	32	35					
84.2	85.6	05808	1.4	1.4	404	4.45	.05	5.90	12.30	115.00		.75		16	17					
85.6	87.0	05809	1.4	1.4	404	4.47	.10	4.70	7.57	77.00		.41	1	10	12					
87.0	88.4	05810	1.4	1.4	404	4.50	.05	5.70	8.23	80.00		1.44		8	9					
125.5	126.4	05811	.9	.9	4E4	4.00	.24	3.40	4.50	55.00		1.99								
140.3	141.8	05812	1.5	1.5	4A0	3.00	.07	1.08	2.53	20.00		.34								
141.8	143.3	05813	1.5	1.3	4A0	2.92	.08	.51	.81	10.00		.34								
143.3	144.8	05814	1.5	1.5	4A0	2.83	.07	.68	1.23	12.00		.41								
144.8	146.3	05815	1.5	.9	4A0	2.87	.07	.95	1.95	16.00		.41								
146.3	147.7	05816	1.4	1.4	4A0	2.84	.07	.70	1.20	11.00		.41								
147.7	149.1	05817	1.4	1.4	4A0	2.82	.05	.63	1.25	11.00		.27	1	3	5					
149.1	150.5	05818	1.4	1.4	4A0	2.85	.07	.65	1.07	11.00		.21	1	4	6					
150.5	153.3	05819	2.8	1.8	4A0	2.86	.07	1.16	1.91	16.00	20.00	.34	1	3	5					
153.3	154.7	05820	1.4	1.4	4A0	2.77	.05	.31	.57	6.00		.27	1	3	4					
154.7	156.1	05821	1.4	1.4	4A0	2.86	.07	1.02	2.30	14.00		.48	1	3	5					
172.4	173.9	05823	1.5	1.5	403	3.49	.20	3.40	3.93	59.00		1.51	2	17	19					
173.9	175.3	05824	1.4	1.3	403	3.55	.25	.58	.85	14.00		1.44	1	19	21					
175.3	176.7	05825	1.4	1.4	403	3.52	.33	1.42	1.81	19.00		1.10	1	20	22					
176.7	178.1	05826	1.4	1.4	403	3.64	.27	.37	.34	18.00		1.51	1	24	25					
WEIGHTED AVERAGE																				
76.7	88.4		11.7	11.7		3.95	.15	3.58	5.06	60.37		.93	2	16	18					
125.5	126.4		.9	.9		4.00	.24	3.40	4.50	55.00		1.99								
140.3	156.1		15.8	14.0		2.86	.06	.80	1.52	13.03	3.54	.34		2	2					
172.4	178.1		5.7	5.6		3.54	.26	1.47	1.89	27.80		1.39	1	20	22					

001: BAGABOS

UTM-N: 904,700.0

UTM-E: 570,717.0

UTM-ELEV: 1,271.1

TOTAL DEPTH: 70

DEAL. POSITION: W 70

REF. SZ REF. DIR: 200 PLUNGE ANGLE: 11 312 BHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
70.200	157.000	101.000
100.700	140.000	103.000
137.200	124.000	103.000
167.600	102.000	110.000
198.100	102.000	89.000

UTM-X: 994924.9 UTM-Y: 592713.9 UTM-ELEV: 12170.1 TOTAL DEPTH: 224.8 SECTION: W 70
 REF: SE REF DIP: 030 PLUNGE ANGLE: 11 312 GND CALC: 1 30 CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	INC
67.1	0001			0.5-	1
73.4	0002	500		0.5-	1
76.0	0003	500	(504* [4L3])	0.5-	1
76.7	0004	4L0	MINOR PY. PO. STRINGERS	0.5-	1
77.6	0005	403	(4L0) GOUGE	0.5-	1
78.4	0006	4L2	4 MINOR	0.5-	1
81.6	0007	403	(4L0) MINOR	0.5-	1
82.7	0008	4L2	4 MINOR	0.5-	1
83.1	0009	400		0.5-	1
83.5	0010	404		0.5-	1
84.2	0011	404		0.5-	1
85.4	0012	404	(404) (400) 35:5:10	0.5-	1
92.3	0013	4L0	-> (5B6) (5A0) TR	0.5-	1
96.7	0014	500		0.5-	1
101.6	0015	500	(504*) (500)	0.5-	1
109.4	0016	500	(504*)	0.5-	1
110.0	0017	500		0.5-	1
114.9	0018	500		0.5-	1
115.6	0019	500		0.5-	1
118.2	0020	500		0.5-	1
119.7	0021	500		0.5-	1
120.2	0022	500		0.5-	1
121.0	0023	500		0.5-	1
125.5	0024	5A0		0.5-	1
126.4	0025	4B4	BXA	0.5-	1
127.7	0026	5A6	(4E0) TR.	0.5-	1
130.0	0027	500		0.5-	1
131.2	0028	5A6		0.5-	1
132.5	0029	500		0.5-	1
134.9	0030	500		0.5-	1
136.3	0031	500		0.5-	1
140.3	0032	500	(5B62)	0.5-	1
156.1	0033	4A0	BXA	0.5-	1
157.9	0034	4L2	(4L12) (5B0) (4A0) BOTH MINOR	0.5-	1
159.7	0035	4A0		0.5-	1
160.2	0036	500		0.5-	1
161.7	0037	500	?	0.5-	1
166.7	0038	500		0.5-	1
169.5	0039	500	?	0.5-	1
170.2	0040	500		0.5-	1
171.3	0041	4L2	(4L32)	0.5-	1
172.4	0042	500	?	0.5-	1
172.9	0043	403		0.5-	1
173.1	0044	403	BXA	0.5-	1
182.0	0045	5A0	-> 5B2	0.5-	1
185.1	0046	404	(407)	0.5-	1
185.7	0047	1000		0.5-	1
220.1	0048	500		0.5-	1
221.4	0049	500	(5B6) TR	0.5-	1
223.3	0050	500		0.5-	1
223.8	0051	1000		0.5-	1

WELL NO. 2408

WELL NAME: ALPHACOPY 2100

DATE: 11/1/68

LOG: FRODOG BIT-M: 4042.00.9 BIT-R: 5437.513.9 BIT-LEV: 1707.1 TOTAL DEPTH: 204.6 SECTION: W 70
RFE: 02 RFE DIR: 230 FLNGE ANGLS: 11 BIT DRD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	INC
224.6	CCSC	5R6		0.5-	1

UTM-N: 004,024.0 UTM-E: 592,313.9 UTM-ELEV: 1,278.1 TOTAL DEPTH: 224.6 SECTION: W 70
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

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

LOG: FAGA204 UTM-N: 704732.4 UTM-E: 692713.4 UTM-ELEV: 12071.1 TOTAL DEPTH: 704.1 SECTION: W 70
PFE: 32 PFE DIR: 200 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DBH	F DEPTH	T DEPTH	FEAT	REC	CD	PARLL	UPPER PLANE	INTERNAL PLANE	LOWER PLANE	DHD
FAGA200	75.4	76.6	S				0	0	0	1
FAGA200	77.2	77.6	X				0	0	0	1
FAGA200	78.7	78.9	X?				0	0	0	1
FAGA200	81.5	82.7	1S				0	0	0	1
FAGA200	82.7	83.0	X?				0	0	0	1
FAGA200	85.6	85.3	X?				0	0	0	1
FAGA200	86.6	88.0	X?				0	0	0	1
FAGA200	88.4	90.9	XG				0	0	0	1
FAGA200	92.2	92.3	G				0	0	0	1
FAGA200	92.3	93.0	S				0	0	0	1
FAGA200	93.0	98.7	1S				0	0	0	1
FAGA200	101.9	102.0	G				0	0	0	1
FAGA200	106.3	108.2	G				0	0	0	1
FAGA200	109.8	109.9	G				0	0	0	1
FAGA200	110.0	114.9	G				0	0	0	1
FAGA200	115.6	118.2	2S				0	0	0	1
FAGA200	119.7	120.2	1X				0	0	0	1
FAGA200	121.0	121.1	S				0	0	0	1
FAGA200	122.3	122.5	X				0	0	0	1
FAGA200	122.8	123.0	S				0	0	0	1
FAGA200	124.0	125.5	G				0	0	0	1
FAGA200	126.4	128.8	S				0	0	0	1
FAGA200	140.2	140.3	G				0	0	0	1
FAGA200	140.3	141.2	X				0	0	0	1
FAGA200	142.0	143.9	S				0	0	0	1
FAGA200	153.4	153.5	G				0	0	0	1
FAGA200	154.4	154.7	G				0	0	0	1
FAGA200	157.9	159.7	RP	1			0	0	0	1
FAGA200	160.2	161.7	G				0	0	0	1
FAGA200	165.7	169.5	G				0	0	0	1
FAGA200	171.5	172.4	G				0	0	0	1
FAGA200	173.9	174.1	X				0	0	0	1
FAGA200	174.7	174.9	X				0	0	0	1
FAGA200	178.3	178.6	X				0	0	0	1
FAGA200	182.0	185.1	P	1			0	0	0	1
FAGA200	190.2	190.6	S				0	0	0	1
FAGA200	195.9	197.0	S				0	0	0	1

ANALOG RTN-11 004/041/0 DTH-11 502/317.8 LTH-BLOCV: 1-271.1 TOTAL 4000
RFE: 52 RFE DIR: 750 PLUNGE ANGLE: 11 012 DND CALG: 1 00 0100: 1

DLH	SEGMENT NOS	CCND INDICATOR
FAGAZ03	1	2
FAGAZ03	2	2
FAGAZ03	3	2
FAGAZ03	4	2
FAGAZ03	5	2
FAGAZ00	6	1

CYPRUS ANVIL MINING CORPORATION

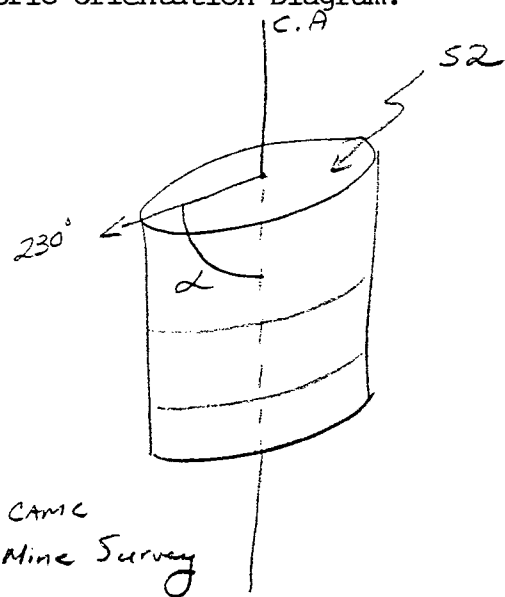
DIAMOND DRILL CORE LOG

Hole Number: 80-A208

Fabric Orientation Diagram:

Project: GLUM

Location: VANGORDA PLATEAU



Claim: _____

Terr. Plane Co-ords.: 6904826.884 N

592313.869 E

Grid Co-ords.: 70W/BL

All symmetry determinations looking

NW with 52 dipping

SW with dip azimuth 230.

Elevation: 1279.118

Total Depth: 224.6 m

Purpose: _____

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

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

NQ 0 60H

Started: _____ Completed: _____

Code	From	To	Unit	Code	Description
1	10	14	16	20	22 23 25 27
L	100	167	1		o/B tuoned;
L	167	173	2	5B16	min py blebs; calc. tension gash fillings;
L	173	176	3	5D0	buff-coloured 5D4 (4L3?) 73.4-73.8 m;
					75.3-76.0 m; w/ manposite & chl. blebs
					75.6-75.8 m; min py. po blebs;
L	176	176	4	4L40	min py. po stringers; sheared 76.4-76.6 m;
L	176	177	5	4C0	w/ min quartzite interbands; brecciated
					w/ 4C0 clasts - calc - qtz matrix 77.2-77.6 m;
L	177	178	6	4L12	min (1%) PbZn;
L	178	181	7	4C0	min 4C0 interbands; brecciated 78.7-78.8 m;
					as unit 5;
L	181	182	8	4L2	as unit 6; few min shear zones (usually
					near thick 4C0 interbands;
L	182	183	9	4C0	brecciated 82.7-83.0 m (atitic matrix); min PbZn;
L	183	183	10	4G4	10% PbZn; honey-coloured sph;
L	183	184	11	4D4	5% PbZn; orange-coloured sph;
L	184	188	12	4G4	8% PbZn; 4D4 84.3-84.5 m; brecciated, vuggy
					4C0 w/ calc. vug fillings 85.6-85.8 m;
					4C0 86.0-86.3 m; brecciated 86.8-88.0 m;
L	188	192	13	4L40	w/ 5B6 interbands; 5A0 90.0-90.1 m;
					breccia & gouge 88.4-90.9 m; gouge
					92.2-92.3 m; 4L21 92.1-92.2 m;
L	192	198	14	5B10	sheared 92.3-93.0 m; other min shear
					zones
L	198	199	15	5B18	5D4 100.6-100.7, 100.8-100.9 m; 5D0 (massive)
					100.7-100.8 m;
L	199	199	16	5B10	5D4 (massive, bleached) 102.4-102.5 m; calcareous
					tension gash fillings; gouge 101.9-102.0 m;
					108.3-108.8 m;
L	199	199	17	5D0	gouge 109.8-109.9 m;
L	199	199	18	5B10	gouge
L	199	199	19	5B10	as unit 11;
L	199	199	20	5D0	sheared in scattered areas (60% shear);
L	199	199	21	5D0	5F massive; lighter, altered colour towards
					East;
L	199	199	22	5B18	somewhat brecciated;

Code	From			To			Unit	Code	Description
	10	14	16	20	22	23				25	27
L	11210	2	11211	0	24	3	5B0		calc. tension gash fillings
L	11210	0	11215	5	24	5	5A10	4L1	brecciated 122.1-122.5 m; brecciated 122.3-122.5 m w/ minor py, PbZn fracture fillings; gouge 121.0-121.1 m; 122.8-123.0, 124.6-125.5 m
L	11255		11264	4	25	4	4E10		brecciated w/ py, qtz, graphitic clasts
L	11264		11277	2	6	5	5A16		minor py bands; sheared; minor 4E10 at 125.5 m
L	11277		11300	2	7	5	5B2		sheared 127.7-128.8 m
L	11300		11311	2	28	5	5A16		as unit 26
L	11311	2	11325	2	9	5	5B10		
L	11325		11349	3	0	5	5B8		
L	11349		11383	3	1	5	5D10		
L	11383		11403	3	2	5	5B10	5B62	calc.-qtz bands 139.3-140.2 m; gouge 140.2-140.3 m
L	11403		11561	3	3	4	4A3		brecciated w/ qtz-py clasts & graphitic matrix 140.3-141.2 m (unsheared subangular clasts); sheared 142.6-143.9 m; 4L1 149.1-149.3 m; 153.3-153.5 m; gouge 153.4-153.5 m; 154.4-154.7 m
L	11561		11579	3	4	4	4L12	4L12	minor 5B10 interbands; 4A0 157.4-157.6 m
L	11579		11597	3	5	4	4A3		pebbles; poor recovery - .3/1.8 m
L	11597		11610	2	3	5	5B10		few qtz veins; minor py bands
L	11610		11617	7	3	5	5B10		gouge
L	11617		11616	7	3	5	5B0		as unit 36
L	11616		11619	5	3	5	5B10		gouge
L	11619		11702	2	4	5	5B16		
L	11702		11713	4	1	4	4L12	4L32	
L	11713		11724	4	2	5	5B16		gouge 171.5-172.4 m; minor py blebs
L	11724		11729	4	3	4	4D4		15% PbZn
L	11729		11781	1	4	4	4E10		brecciated 173.9-174.1 m; 174.7-174.9 m (4E10 clasts & graphitic matrix)
L	11781		11820	4	5	5	5A10		slightly calcareous; → 5B2 towards EOH; brecciated 178.3-178.6 m; PbZn band at 178.3 m (0.5 cm thick)
L	11820		11851	4	6	4	4D4	4E7	185.0-185.1 m; 15-20% PbZn; poor recovery 0.3/3.1 m
L	11851		11857	4	7	0	0E10		

Structural Log

Logged By: FN

Core	From				To				Feature	S ₁ Dip Direct.	S ₂ Dip Direct.	Description
	1	10	14	16	20	22	24	26					28	32	34	38
S					703	PSZ					65 230	
S					725	FZP						S sym. 70.5 - 74.9m;
S					731	CSZ					53 230	
S					749	FZS						R region 74.9 - 90.3m; 75% mass. Sulph;
S					755	PSZ					71 230	
S					816	PSZ					65 230	
S					894	FZ					50 230	
S					923	FZR						P region 90.3 - 98.7m;
S					949	PSZ					12 230	
S					972	PSZ					50 230	
S					987	FZP						S sym. 98.7 - 105.8m;
S					1004	CSZ					48 230	
S					1052	CSZ					56 230	
S					1058	FZS						P region 105.8 - 107.1m;
S					1071	FZP						S sym. 107.1 - 119.3m;
S					1079	CSZ					57 230	
S					1167	CSZ					50 230	
S					1193	FZS						R region 119.3 - 127.6m;
S					1234	PSZ					48 230	
S					1265	PSZ					40 230	
S					1276	FZR						P region 127.6 - 129.2m;
S					1292	FZP						M region 129.2 - 135.8m; s/z = 1/1;
S					1322	CSZ					61 230	
S					1337	CSZ					70 230	
S					1358	FZM						R region 135.8 - 141.2m;
S					1391	PSZ					65 230	
S					1412	FZR						M region 141.2 - 156.1m; s/z = 4/6;
S					1440	CSZ					57 230	
S					1492	CSZ					63 230	
S					1559	CSZ					41 230	
S					1561	FZM						R region 156.1 - 161.7m;
S					1605	PSZ					54 230	
S					1617	FZR						S sym. 161.7 - 164.0m;

Code	From		To		Sample No.	Description			
	10	14	16	20		22	27	LENGTH	RECOVERY	UNIT
P	1767		1776		158101		0.9	0.9	4C0
P	1776		1784		158102		0.8	0.8	4L2
P	1784		1800		158103		1.6	1.6	4C0
P	1800		1816		158104		1.6	1.6	4C0
P	1816		1827		158105		1.1	1.1	4L2
P	1827		1835		158106		0.8	0.8	4C0/4G4
P	1835		1842		158107		0.7	0.7	4D4
P	1842		1856		158108		1.4	1.4	4G4
	1856		1870		158109		1.4	1.4	4G4
	1870		1884		158110		1.4	1.4	4G4
P	11255		11264		158111		0.9	0.9	4E0
P	11403		11419		158112		1.5	1.5	4A3
P	11418		11433		158113		1.5	1.3	4A3
P	11433		11448		158114		1.5	1.5	4A3
P	11448		11463		158115		1.5	0.9	4A3
P	11463		11477		158116		1.4	1.4	4A3
P	11477		11491		158117		1.4	1.4	4A3
P	11491		11505		158118		1.4	1.4	4A3
P	11505		11533		158119		2.8	1.8	4A3
P	11533		11547		158120		1.4	1.4	4A3
P	11547		11561		158121		1.4	1.4	4A3
P	11561		11577				3.6		4C2/4A3
P	11702		11713				1.1		4L23
P	11724		11739		158123		1.5	1.5	4D4/4C0
P	11739		11753		158124		1.4	1.3	4C0
P	11753		11767		158125		1.4	1.4	4C0
P	11767		11781		158126		1.4	1.4	4C0
P	11820		11851				3.1		4D4

DDH EAGAZ08
2 8

Cyprus Anvil Mining Corp.

Page _____ of _____

Structural Log

Date: _____ Logged By: _____

Code	From		To		Feature	E N	S ₀		S ₁		S ₂		Description
	10	14	16	20			Dip	Direct.	Dip	Direct.	Dip	Direct.	
	22	24	26	28	32	34	38	40	44				
F	764		766		S								
F	772		776		X ₁								
F	787		788		X ₂								
F	816		827		S								
F	827		830		X ₂								
F	856		858		X ₂								
F	868		880		X ₂								
F	884		909		X ₆								
F	922		923		G								
F	923		930		S								
F	930		987		S								
F	1019		1020		G								
F	1083		1088		G								
F	1098		1099		G								
F	1100		1149		S								
F	1156		1182		S								
F	1197		1202		X ₁								
F	1223		1225		X ₁								
F	1210		1211		G								
F	1228		1230		G								
F	1246		1255		G								
F	1264		1288		S								
F	1402		1403		G								
F	1403		1412		X ₁								
F	1426		1439		S								
F	1534		1535		G								
F	1544		1547		G								
F	1579		1597		R.P. 1								
F	1602		1617		G								
F	1667		1695		G								
F	1715		1724		G								
F	1739		1741		X ₁								
F	1747		1749		X ₁								
F	1783		1786		X ₁								
F	1820		1851		P	1							
F	1902		1906		S								

F 1959 970 S

FAGA028

()

84/10/16

GRUM DATABASE - QUIZ REPORT

PAGE 3

DDH	SAMPLE	---DEPTHS---	INT	REC	ROCK	S.G.	CU	PB	ZN	AG	AU	PD	PY	BAO	PB+ZN	PO+PY	ZN
		FROM TO	M	X	UNIT		X	X	X	G/MT	G/MT	X	X	X	X	X	RATIO
#AGAC28	92010	50.6 51.1	.5	80	5DC			.84	.84	15.1					1.68		.50
	E664	85.1 85.6	.5	100	4A3	3.25	.02	.70	1.00	15.0	.27	3.38	8.90		1.70	12.28	.59
	E665	85.6 86.9	1.3	100	4G4	4.70	.18	6.30	11.20	109.0	.89	1.95	19.20		17.50	21.15	.64
	E666	86.9 88.2	1.3	100	4G4	4.88	.23	6.10	9.20	121.0	.96	1.83	21.30		15.30	23.13	.60
	E667	88.2 89.4	1.2	100	5C4*	3.21	.04	1.18	.87	19.0	.34	3.47	8.50		2.05	11.97	.42
	E668	89.4 90.1	.7	100	4G4	4.66	.22	5.90	8.50	115.0	1.58	1.29	19.00		14.40	20.29	.59
	E669	91.8 92.7	.9	100	4EG4#	4.30	.05	6.10	10.00	110.0	.41	4.14	13.60		16.10	17.74	.62
	E670	114.1 116.7	2.6	35	4A1	2.91	.03	.73	1.40	12.0	.21	2.48	1.07		2.13	3.55	.66
	E671	116.7 118.6	1.9	53	4A1	2.86	.06	.70	1.49	13.0	.21	2.33	3.87		2.19	6.20	.68
	E672	123.1 124.3	1.2	92	4A1		.06	.27	.47	7.0					.74		.64
	E673	124.3 125.1	.8	100	4E7	3.25	.05	.97	1.64	17.0	.07	9.10	10.90		2.61	20.00	.63
	E674	125.1 126.5	1.4	86	4H3	3.58	.08	.90	1.40	20.0	.01	11.20	15.60		2.30	26.80	.61
	E675	126.5 128.0	1.5	80	4H3		.12	.65	.97	19.0					1.62		.60
	E676	128.0 129.5	1.5	100	4A3		.12	.33	.56	7.0					.89		.63
	E677	129.5 131.1	1.6	69	4A3		.13	.57	.78	11.0					1.35		.58
	E678	131.1 132.7	1.6	69	4A3		.26	.22	.28	20.0					.50		.56
	E679	132.7 133.9	1.2	50	4C+8		.19	.73	1.02	24.0					1.75		.58
	E680	193.6 195.6	2.0	100	4LC7		.09	.35	.55	12.0					.90		.61
	E681	213.3 214.9	1.6	56	4E8#	3.71	.14	.77	1.00	23.0	.41	3.23	22.40		1.77	25.63	.56
	E682	214.9 216.4	1.5	93	4E8#	3.89	.26	1.97	1.73	32.0	.69	7.60	20.40		3.70	28.00	.47
	E683	216.4 217.9	1.5	87	4E8#	3.75	.36	1.94	1.79	39.0	1.78	5.44	17.20		3.73	22.64	.48
	E684	217.9 219.5	1.6	94	4E8#	3.80	.16	1.76	1.75	34.0	.55	7.00	20.10		3.51	27.10	.50
	E685	219.5 221.0	1.5	87	4E8#	4.39	.17	4.70	3.80	62.0	.96	8.98	24.40		8.50	33.38	.45
	E686	221.0 222.5	1.5	80	4E8#	3.73	.25	1.29	.78	22.0	1.37	6.90	18.20		2.07	25.10	.38
	E687	222.5 224.0	1.5	53	4E8#	3.98	.23	.77	.40	20.0	1.78	7.50	24.00		1.17	31.50	.34
	E688	224.0 225.6	1.6	75	4E8#	4.02	.19	2.00	1.03	34.0	.48	7.80	24.10		3.03	31.90	.34
	E689	225.6 227.1	1.5	87	4E8#	4.35	.29	3.40	2.03	45.0	1.71	1.06	33.70		5.43	34.76	.37
	E690	227.1 228.2	1.1	100	4E8#	3.67	.18	2.70	3.70	37.0	1.30	2.62	20.20		6.40	22.82	.58
	92011	242.3 244.0	1.7	100	4L15			.12	.09	5.1					.21		.43
	92012	248.7 250.2	1.5	100	4L1			.05	.08	1.0					.13		.62
	E691	252.7 253.2	.5	100	4C0		.26	1.18	1.26	19.0					2.44		.52
	E692	253.2 255.7	2.5	92	4A3		.19	.94	.90	15.0					1.84		.49
	E693	260.3 261.8	1.5	100	4A3		.17	.94	.79	18.0					1.73		.46

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

DETAIL RECORD COUNTS:

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

DDH: FAGAC28 UTM-N: 904,697.3 UTM-E: 592,443.2 UTM-ELEV: 1,274.0 TOTAL DEPTH: 250.7 SECTION: W 64
 RFE: S2 RFE DIS: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

---DEPTHS---		SAMPLE NO.	INT.	REC.	ROCK UNIT	S.G. PULP	ASSAYS												
FROM	TO						CU %	PS %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AL(FA) G/MT	PO %	FY %	TOT FE	BAC %	HG %	MN %	AS %	BA %	S.G. W.R.
50.6	51.1	92010	.5	.4	500			.84	.84		15.10								
85.1	85.6	08664	.5	.5	4A3	3.25	.02	.70	1.00	15.00		.27	3	8	12				
85.6	86.9	08665	1.3	1.3	4G4	4.70	.18	6.30	11.20	109.00		.89	1	19	21				
86.9	88.2	08666	1.3	1.3	4G4	4.88	.23	6.10	9.20	121.00		.96	1	21	23				
83.2	89.4	08667	1.2	1.2	5C4*	3.21	.04	1.18	.37	19.00		.34	3	8	11				
89.4	90.1	08668	.7	.7	4G4	4.66	.22	5.90	8.50	115.00		1.58	1	19	20				
91.8	92.7	08669	.9	.9	4E34#	4.30	.05	6.10	10.00	110.00		.41	4	13	17				
114.1	116.7	08670	2.6	.9	4A1	2.91	.03	.73	1.40	12.00		.21	2	1	3				
116.7	118.6	08671	1.9	1.0	4A1	2.86	.06	.70	1.49	13.00		.21	2	3	6				
123.1	124.3	08672	1.2	1.1	4A1		.06	.27	.47	7.00									
124.3	125.1	08673	.8	.8	4E7	3.25	.05	.97	1.64	17.00		.07	9	10	20				
125.1	126.5	08674	1.4	1.2	4H3	3.58	.08	.90	1.40	20.00		.01	11	15	26				
126.5	128.0	08675	1.5	1.2	4H3		.12	.65	.97	19.00									
128.0	129.5	08676	1.5	1.5	4A3		.12	.33	.56	7.00									
129.5	131.1	08677	1.6	1.1	4A3		.13	.57	.78	11.00									
131.1	132.7	08678	1.6	1.1	4A3		.26	.22	.28	20.00									
132.7	133.9	08679	1.2	.6	4C*8		.19	.73	1.02	24.00									
193.6	195.6	08680	2.0	2.0	4LC7		.09	.35	.55	12.00									
213.3	214.9	08681	1.6	.9	4E8#	3.71	.14	.77	1.00	23.00		.41	3	22	25				
214.9	216.4	08682	1.5	1.4	4E8#	3.89	.26	1.97	1.73	32.00		.69	7	20	28				
216.4	217.9	08683	1.5	1.3	4E8#	3.75	.36	1.94	1.79	39.00	42.00	1.78	5	17	22				
217.9	219.5	08684	1.6	1.5	4E8#	3.80	.16	1.76	1.75	34.00		.55	7	20	27				
219.5	221.0	08685	1.5	1.3	4E8#	4.39	.17	4.70	3.80	62.00		.96	8	24	33				
221.0	222.5	08686	1.5	1.2	4E8#	3.73	.25	1.29	.78	22.00		1.37	6	18	25				
222.5	224.0	08687	1.5	.8	4E8#	3.98	.23	.77	.40	20.00		1.78	7	24	31				
224.0	225.6	08688	1.6	1.2	4E8#	4.02	.19	2.00	1.03	34.00		.48	7	24	31				
225.6	227.1	08689	1.5	1.3	4E8#	4.35	.29	3.40	2.03	45.00		1.71	1	33	34				
227.1	228.2	08690	1.1	1.1	4E8#	3.67	.18	2.70	3.70	37.00		1.30	2	20	22				
242.3	244.0	92011	1.7	1.7	4L15			.12	.09		5.10								
248.7	250.2	92012	1.5	1.5	4L1			.05	.08		1.00								
252.7	253.2	08691	.5	.5	4C0		.26	1.18	1.26	19.00									
253.2	255.7	08692	2.5	2.3	4A3		.19	.94	.90	15.00									
260.3	261.8	08693	1.5	1.5	4A3		.17	.94	.79	18.00									
WEIGHTED AVERAGE																			
50.6	51.1		.5	.4				.84	.84		15.10								
85.1	90.1		5.0	5.0		4.23	.14	4.40	6.80	81.96		.81	2	16	18				
91.8	92.7		.9	.9		4.30	.05	6.10	10.00	110.00		.41	4	13	17				
114.1	118.6		4.5	1.9		2.88	.04	.71	1.43	12.42		.21	2	2	4				
123.1	133.9		10.8	8.6		.70	.13	.55	.83	15.50			2	2	4				

21HAR84 GRUM

DOWN-HOLE SURVEYS (OH020)

PAGE: 12

DDH: FAGAC28 UTM-N: 904,697.3 UTM-E: 592,443.2 UTM-ELEV: 1,274.0 TOTAL DEPTH: 290.7 SECTION: W 64
RFS: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 OHC CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	150.000	0.000
85.300	175.400	49.000
115.800	176.000	95.000
193.100	166.000	86.000
243.800	165.000	74.000

DH: FAGAD25 UTM-N: 904,697.3 UTM-E: 592,443.2 UTM-ELEV: 1,274.0 TOTAL DEPTH: 280.7 SECTION: W 64
 RFE: S2 RFE DIR: 230 FLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	INC
50.6	OC01	#		0.5-	1
61.7	OC02	500		0.5-	1
68.6	OC03	5A0	(500) (5AC) MINOR	0.5-	1
69.5	OC04	5A1	89	0.5-	1
71.0	OC05	5A1	NO CORE	0.5-	1
74.3	OC06	5B20	(504*)	0.5-	1
83.5	OC07	5A19		0.5-	1
85.1	OC08	5B20		0.5-	1
85.4	OC09	4A3	(4L0)	0.5-	1
90.1	OC10	4G4	(504*) (4CC) MINOR	0.5-	1
91.8	OC11	5A10		0.5-	1
92.7	OC12	4E4#	87 (4G4)	0.5-	1
100.6	OC13	5B20	(504*)	0.5-	1
102.8	OC14	5B20		0.5-	1
105.0	OC15	5B20		0.5-	1
106.1	OC16	5B20		0.5-	1
108.5	OC17	5A0	89 MINOR	0.5-	1
114.1	OC18	5B8	?	0.5-	1
124.3	OC19	4A0		0.5-	1
128.0	OC20	4H3	(4A1) BXA	0.5-	1
132.7	OC21	4A3	(504*)	0.5-	1
134.7	OC22	4C*	88 (4A0) (5B62) MINOR	0.5-	1
154.5	OC23	5B20	(4L1) (4CC) MINOR	0.5-	1
160.6	OC24	5B20		0.5-	1
191.4	OC25	5B2		0.5-	1
193.6	OC26	4L15	(5A1) MINOR	0.5-	1
195.6	OC27	4L2	(4L1) (4C7) BXA	0.5-	1
198.1	OC28	5B0		0.5-	1
204.3	OC29	5A1		0.5-	1
211.6	OC30	5B0		0.5-	1
213.3	OC31	4L1		0.5-	1
228.2	OC32	4E8#	8 PORCUS	0.5-	1
235.5	OC33	4L1	(4L1527)	0.5-	1
236.2	OC34	500	MOTTLED	0.5-	1
238.0	OC35	4L1	(4L1527)	0.5-	1
240.7	OC36	500	(4L2) MINOR	0.5-	1
244.1	OC37	4L1	(4L15278)	0.5-	1
247.5	OC38	500		0.5-	1
252.7	OC39	4L1	85 MINOR	0.5-	1
255.4	OC40	4A3	(4C0) MINOR	0.5-	1
258.7	OC41	4L1		0.5-	1
260.3	OC42	4L1		0.5-	1
261.8	OC43	4A3	(4E8) (4L1) BOTH MINOR	0.5-	1
270.4	OC44	4L1	(504*)	0.5-	1
271.6	OC45	5B6	?	0.5-	1
273.7	OC46	5A0	?	0.5-	1
275.8	OC47	5E1	? MYLONITE	0.5-	1
280.7	OC48	3G0	BIO. STAUR. GARNET SCHIST	0.5-	1

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

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	SO	ANGLE	DIRECT	S1	ANGLE	DIRECT	S2	ANGLE	DIRECT	RFE	CDE	DMCC	SDC	PROCESS
FAGA028	0.0	53.4	CS2			0	0	0	C		52	230	C			1	1	1
FAGA028	0.0	60.7	CS2			0	0	0	C		50	230	C			1	1	1
FAGA028	0.0	64.2	CS2			0	C	C	C		63	230	C			1	1	1
FAGA028	61.0	64.9	CS2	Z		0	0	0	C		0	C	C			1	1	1
FAGA028	0.0	68.9	CS2			0	0	0	C		53	230	C			1	1	1
FAGA028	64.9	72.5	CS2	S		0	0	0	C		0	C	C			1	1	1
FAGA028	0.0	72.6	PS2			0	0	0	C		70	230	C			1	1	1
FAGA028	72.5	74.4	PS2	P		C	C	0	C		0	C	C			1	1	1
FAGA028	0.0	76.7	CS2			0	0	0	C		63	230	C			1	1	1
FAGA028	74.4	78.0	CS2	S		0	0	0	C		0	C	C			1	1	1
FAGA028	0.0	84.9	CS2			0	0	C	C		76	230	C			1	1	1
FAGA028	78.0	85.4	CS2	D		C	C	0	C		0	C	C			1	1	1
FAGA028	0.0	90.1	PS2			0	0	0	C		56	230	C			1	1	1
FAGA028	85.9	90.1	PS2	P		C	C	0	C		C	0	C			1	1	1
FAGA028	90.1	91.8	CS2	D		C	C	0	C		0	C	C			1	1	1
FAGA028	91.8	92.7	PS2	P		C	0	0	C		0	C	C			1	1	1
FAGA028	0.0	96.4	CS2			0	0	0	C		77	230	C			1	1	1
FAGA028	92.7	98.6	CS2	D		0	0	0	C		0	C	C			1	1	1
FAGA028	0.0	102.2	PS2			0	0	0	C		77	230	C			1	1	1
FAGA028	98.6	104.1	PS2	P		0	0	0	C		0	C	C			1	1	1
FAGA028	0.0	107.5	CS2			0	C	0	C		71	230	C			1	1	1
FAGA028	104.1	108.5	CS2	C		C	0	0	0		0	0	C			1	1	1
FAGA028	0.0	112.0	CS2			C	0	0	C		60	230	C			1	1	1
FAGA028	0.0	128.5	PS2			0	0	0	C		46	230	C			1	1	1
FAGA028	0.0	135.3	PS2			0	0	0	C		59	230	C			1	1	1
FAGA028	114.1	138.2	PS2	P		0	0	0	C		0	C	C			1	1	1
FAGA028	0.0	141.0	CS2			C	C	0	C		69	230	C			1	1	1
FAGA028	138.2	142.2	CS2	D		0	0	0	C		0	C	C			1	1	1
FAGA028	0.0	145.7	PS2			0	C	0	C		54	230	C			1	1	1
FAGA028	142.2	145.8	PS2	P		0	0	0	C		0	C	C			1	1	1
FAGA028	0.0	151.7	CS2			0	C	0	C		70	230	C			1	1	1
FAGA028	0.0	157.8	CS2			0	0	0	C		77	230	C			1	1	1
FAGA028	145.8	158.2	CS2	Z		0	0	C	C		C	C	C			1	1	1
FAGA028	158.2	160.9	CS2	D		C	0	0	C		0	0	C			1	1	1
FAGA028	0.0	162.6	CS2			0	0	0	C		69	230	C			1	1	1
FAGA028	0.0	167.2	CS2			0	0	C	C		76	230	C			1	1	1
FAGA028	160.9	167.9	CS2	Z		C	0	0	C		0	0	C			1	1	1
FAGA028	0.0	172.6	CS2			C	0	0	C		70	230	C			1	1	1
FAGA028	0.0	177.3	CS2			0	0	0	C		70	230	C			1	1	1
FAGA028	167.9	177.9	CS2	D		0	0	C	C		0	C	C			1	1	1
FAGA028	177.9	179.6	CS2	Z		0	0	0	C		0	0	C			1	1	1
FAGA028	0.0	183.0	CS2			0	0	0	C		70	230	C			1	1	1
FAGA028	179.6	183.5	CS2	C		C	0	0	C		0	0	C			1	1	1
FAGA028	183.5	187.1	CS2	M		0	0	0	C		C	0	C			1	1	1
FAGA028	0.0	187.8	CS2			0	0	C	C		78	230	C			1	1	1
FAGA028	187.1	192.3	CS2	S		0	0	0	C		0	0	C			1	1	1
FAGA028	0.0	195.8	CS2			0	0	C	C		65	230	C			1	1	1
FAGA028	0.0	200.7	CS2			0	0	0	C		74	230	C			1	1	1
FAGA028	192.3	202.3	CS2	M		0	C	C	C		0	0	C			1	1	1
FAGA028	0.0	206.0	CS2			C	0	0	C		75	230	C			1	1	1
FAGA028	0.0	211.5	CS2			C	0	0	C		73	230	C			1	1	1

DDH: FAGAC28 UTM-N: 904,697.3 UTM-E: 592,443.2 UTM-ELEV: 1,274.0 TOTAL DEPTH: 230.7 SECTION: W 64
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYTRY	S0 ANGLE	DIRECT	S1 ANGLE	DIRECT	S2 ANGLE	DIRECT	RFE	CDE	DHDC	SDC	PROCESS
FAGAC28	202.3	211.6	CS2	Z	0	0	0	C	0	0	C		1	1	1
FAGAC28	0.C	229.4	PS2		0	0	0	C	75	230	C		1	1	1
FAGAC28	0.C	236.4	PS2		0	0	0	C	64	230	C		1	1	1
FAGAC28	0.C	242.5	PS2		0	0	0	C	73	230	C		1	1	1
FAGAC28	0.C	247.6	PS2		0	0	0	C	74	230	C		1	1	1
FAGAC28	0.C	255.7	PS2		0	0	0	C	57	230	C		1	1	1
FAGAC28	0.C	263.2	PS2		0	0	0	C	71	230	C		1	1	1
FAGAC28	0.0	268.8	PS2		0	0	0	0	87	230	C		1	1	1
FAGAC28	0.C	275.3	PS2		C	0	0	C	71	230	C		1	1	1
FAGAC28	0.C	279.6	PS2		0	0	0	C	84	230	C		1	1	1
FAGAC28	211.6	230.7	PS2	P	0	0	0	C	0	C	C		1	1	1

ZIMARRA GRUM

DOWN-HOLE FAULTS (DHO20)

PAGE: 16

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

DDH	F DEPTH	T DEPTH	FEAT	REC	CD	PARLL	UPPER PLANE	INTERNAL PLANE	LOWER PLANE	DHD			
FAGAC28	69.4	71.0	N				0	0	C	C	0	0	1
FAGAC28	108.6	109.7	G				0	0	C	C	0	0	1
FAGAC28	110.2	110.3	G				C	0	C	C	0	0	1
FAGAC28	115.2	116.7	P	2			0	0	C	C	0	0	1
FAGAC28	118.5	123.1	P	1			0	0	C	C	0	0	1
FAGAC28	123.1	123.6	X				0	0	C	C	0	0	1
FAGAC28	123.6	123.9	G				0	0	C	C	0	0	1
FAGAC28	124.2	124.9	D				0	0	C	C	0	0	1
FAGAC28	191.0	191.1	G				0	0	C	C	0	0	1
FAGAC28	208.7	209.0	S				0	0	C	C	0	0	1
FAGAC28	213.9	214.2	D?				0	0	C	C	0	0	1
FAGAC28	227.7	228.0	D?				0	0	C	C	0	0	1
FAGAC28	251.2	251.3	G				0	0	C	C	0	0	1
FAGAC28	260.7	260.9	D?				C	0	C	C	0	0	1
FAGAC28	270.3	273.7	G				0	0	C	C	0	0	1
FAGAC28	273.7	275.8	3SF				C	0	C	C	0	0	1

21MAR84 800M

DOWN-HOLE SPLINES (DHJ20)

PAGE: 17

DDH: FAGAG28 UTM-N: 904,297.3 UTM-E: 592,443.2 UTM-ELEV: 1,274.0 TOTAL DEPTH: 280.7 SECTION: W 64
RFE: S2 RFE DIR: 230 FLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH SEGMENT NOS CCNC INDICATOR

FAGAG28	1	2
FAGAG28	2	2
FAGAG28	3	2
FAGAG28	4	2
FAGAG28	5	1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 74-A028

Fabric Orientation Diagram:

Project: GROM RELOG

Location: VANBORDA PLATEAU

Claim: _____

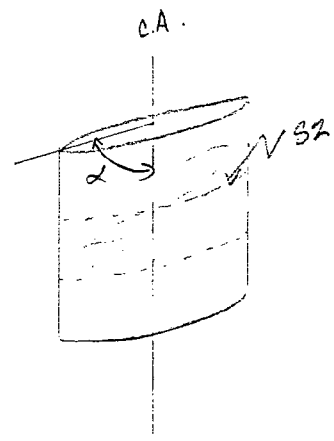
UTM
Terr. Plane

Co-ords.: 6,904,697.32 N

592,443.16 E

Grid
Co-ords.: 64W / BLO400

1979 H/W
Dip Slope Survey



All symmetry determinations looking

NW with SZ dipping

SW with dip azimuth 230.

Elevation: 1274.04

Total Depth: 921 ft.

Purpose: _____

^{RE}
Logged by: PN

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

Drilling Contractor: _____

Core:	Size	From	To	Collar Cased and Capped:
<u>NW</u>	<u>0</u>	<u>14</u>		
<u>NQ</u>	<u>14</u>	<u>174</u>		
<u>BQ</u>	<u>174</u>	<u>921</u>		

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

Code	From			To			Unit				Code	Description
	1	10	14	16	20	22	23	25	27			
50.6	L		100		116	160		11				o/B granitic, porphyritic & schistose boulders; 400 boulders at 135 ft;
61.7	L		116	160		120	125	2	5	10		
68.6	L		120	125		122	150	3	5	10		5D0 204.7-205.5 ft; 5A0 204.3-204.7 ft; minor py blebs; graphite content incr. towards EOH.
59.5	L		122	150		122	180	4	5	11		py stringers;
71.0	L		122	180		123	30	5	5	11		no core
74.1	L		123	30		124	37	6	5	12		bleached tan 5D4/ 241.0 - 242.5 ft; 5B21; calcareous;
83.5	L		124	37		127	40	7	5	11		minor py, po, PbZn bands 248.8-250.0 ft; calcareous; (5A19)px
85.6	L		127	40		128	10	8	5	12		5B21, uncalcareous, minor py stringers; ^{277.3-280.3 = 4A3+4C}
90.1	L		128	10		129	15	9	4	14		10% PbZn; honey-coloured sph; bleached buff calcareous 5D4 w/ manganese + (minor 4C) @ 289.5 - 293.2 ft; ^{DOMINANTLY FINE RUBBLE = SOUGE}
91.8	L		129	15		130	11	10	5	11		calcareous; minor py stringers; ^[4A1 - NO SULPHIDES]
92.6	L		130	11		130	14	11	4	14		15% PbZn - CALCAREOUS, 4E47 301.3 - 302.5 ft; 303.6 - 304.0 ft; 4G4 302.5 - 303.6 ft (sph colour varies from honey-coloured to deep red); minor phylitic & carbonate clasts; (93)
100.6	L		130	14		133	00	12	5	12		bleached buff 5D4 w/ manganese 305.0 - 305.5 ft; calcareous; minor py stringers; band of po-py 316.9 - 317.0 ft; 090 317.0 - 317.7 ft; brecciated at sulph-qtz contact w/ qtz clasts in sulph. matrix; 5D0 323.8 - 324.1 ft;
102.8	L		133	00		133	37	13	5	12		calcareous; minor py stringers;
105.0	L		133	37		134	46	14	5	12		calcareous, qtz-sulphite stringers; minor py
106.1	L		134	46		134	48	15	5	12		no unit 13;
108.5	L		134	48		135	16	16	5	10		minor py stringers; 4A4 355.0 - 356.0 ft (5% PbZn);
114.1	L		135	16		137	45	17	5	12		po 356.5 - 360.0 ft; 361.6 - 362.0 ft;
124.3	L		137	45		140	77	18	4	11		calcareous dense gash fillings; 5% PbZn (sph > gal); brecciated w/ qtz-sulph. clasts in graphitic matrix 404.0 - 405.8 ft; po 405.8 - 406.7 ft; poor recovery 378 - 383 ft (0.8 ft); 389 - 404 ft (0.7 ft);
127.9	L		140	77		141	98	19	4	13		4A1±4B1 in sulph. matrix; few qtz clasts ^{→ PYRITE MATRIX 407.7 - 410.4 (4C) PB MATRIX 410.4 - 412.3} generally no. of clasts dec. towards F/W

NOT SIGNIFICANTLY

Elev ft	From		To		Unit	Code	Description
	10	14	16	20				22	23	25	27
132.7	L	41.9	8	43.5	4	20 4A3	<2% PbZn; bleached tan SD4 434.2-434.5 ft;
132.7	L	43.5	4	44.2	0	21 4C*	v. porphyritic (AKI) MIXED UNIT; slightly calcareous, <2% PbZn // 4A0 439.2-439.7 ft; siliceous grey phyllite (SA1) 439.7-441.0 ft;
154.5	L	44.2	0	50.6	9	22 5B2	4L1 444.7-445.5, 446.8-447.1 ft; 4C0 445.5-446.8 ft; calcareous; OQD 473.0-474.0, 493.6-496.7 ft; minor py blebs;
160.6	L	50.6	9	52.7	0	23 5B3	minor graphite; calcareous, few py, PO bands; OQD 524.3-526.7 ft;
191.4	L	52.7	0	62.8	0	24 5B2	minor chl; siliceous in parts; OQD 544-546 ft; 579.0-580.2 ft; minor py blebs; OQD 626.7-627.1 ft;
193.5	L	62.8	0	63.5	2	25 4L1	minor py, PO blebs; OQD 628.0-629.6 ft; slightly calcareous; (minor SA1 bands);
195.6	L	63.5	2	64.1	8	26 4L2	interbedded w/ 4C7 w/ 4L clasts;
198.1	L	64.1	8	65.0	0	27 5B0	minor graphite & 4L bands; light grey;
204.3	L	65.0	0	67.0	3	28 5A1	min siliceous towards Ect; minor py;
211.6	L	67.0	3	69.4	2	29 5B0	light grey; siliceous in parts; minor py stringers; minor graphite; sheared 685.0-685.8 ft;
213.3	L	69.4	2	69.9	9	30 4L1	incr. graphite content down to 697.5 ft where sharp contact w/ 4L; minor py;
213.3m 218.23	L	69.9	9	74.8	8	31 4E8	slightly siliceous & calcareous; few interbands of SA1 w/ minor py; brecciated 702.0-702.8 ft; 747.3-748.1 ft; 4D4 w/ minor py (5% PbZn) 746.3-747.3 ft; 227.47-227.77
235.5	L	74.8	8	77.2	8	32 4L1	4L1 527; red iron oxide staining; <2% PbZn;
236.2	L	77.2	8	77.5	0	33 5A0	not mottled;
238.0	L	77.5	0	78.0	8	34 4L1	4L1 527; no unit 32;
240.7	L	78.0	8	78.9	6	35 5D0	minor 4L2 bands;
244.1	L	78.9	6	80.1	0	36 4L1	4L1 527; no unit 32;
247.5	L	80.1	0	81.2	0	37 5D0	
252.7	L	81.2	0	82.9	0	38 4L1	slightly calcareous; no unit 32; 824.3-824.6 ft;
255.7	L	82.9	0	83.9	0	39 4A3	4C0 829.0-830.6 ft; <2% PbZn;
258.7	L	83.9	0	84.3	8	40 4L1	slightly calcareous; no unit 32; 5D0 841.8-842.6, 843.0-843.3 ft; 844.0-845.6 ft; 848.3-848.8 ft;
260.7	L	84.3	8	85.4	0	41 4L1	no unit 32; iron-oxide;
261.8	L	85.4	0	85.9	0	42 4A3	<2% PbZn; brecciated, 4E8- 855.4-856.0 ft;

minor with QZ VEIN NE FAULT

Lithologic Log

270⁴
2716
+5A1
220cm
4/w.
2737
2758
2807

Code	From		To		Unit		Code		Description
	10	14	16	20	22	23	25	27	
									+7 @ 10cm F/W;
L	8590		8870		43		441		4E8 855.4 - 857.0 ft; 4L1 857.0 - 858.4 ft;
L	8870		8910		44				5D4 w/ manipsite 859.0 - 861.0 ft; 4L127;
									fault zone w/ siliceous pebbles; med. grey;
									bleached buff 890 - 891.0 ft; SB?
L	8910		8980		45		5A0		fault zone w/ siliceous pebbles;
L	8980		9050		46		5E11		mylonized?; irregular shaped elongated clasts in
L									mass; highly calcareous; siliceous laminated w/ seriate
L	9050		9210		47		3E11		dk. brown; siliceous; bt-staurolite - qtz schist
									w/ calcareous tension crack fillings;
			50A						

Structural Log

Code	From		To		Feature	SYM	S ₁		S ₂		Description
	10	14	16	20			22	24	26	28		32	34	38
N				1752	CSZ				512	2310	
N				1990	CSZ				510	2130	
N				2000	FZE						Z sym. 200.0 - 213.0 ft;
N				2105	CSZ				63	2310	
N				2130	FZB						S sym. 213.0 - 238.0 ft;
N				2260	CSZ				53	2130	
S				2380	FZS						P region 238.0 - 244.0 ft; min R region;
N				2383	PSZ				70	2310	
S				2440	FZP						S sym. 244.0 - 255.8 ft; min D region;
S				2516	CSZ				63	2310	
S				2558	FZS						D region 255.8 - 280.3 ft; min S sym;
S				2786	CSZ				76	2310	
S				2803	FZD						R region 280.3 - 295.7 ft; massive sulphides;
S				2957	PSZ				56	2310	
S				2957	FZR						D region 295.7 - 301.3 ft;
S				3013	FZD						R region 301.3 - 304.0 ft; massive sulphides;
S				3040	FZR						D region 304.0 - 323.5 ft; min Z sym;
N				3164	CSZ				77	2310	
N				3235	FZD						P region 323.5 - 341.6 ft;
N				3354	PSZ				77	2310	
N				3416	FZP						D region 341.6 - 356.0 ft; min Z sym;
N				3526	CSZ				71	2310	
N				3560	FZD						M region 356.0 - 374.5 ft; s/z 1/2; very few symmetry determinations available;
S				3674	CSZ				60	2310	
S				3745	FZM						R region 374.5 - 453.5 ft; 80% massive sulph;
S				421	SPSZ				46	2310	

Structural Log

Code	From				To				Feature	S ₁ Dip Direct.	S ₂ Dip Direct.		Description
	10	14	16	20	22	24	26	28			32	34		38
S				4440	PSZ					59	230		
S				4535	FZR							D region 453.5 - 466.5 ft; main S sym;	
S				4627	CSZ					69	230		
S				4665	FZD							P region 466.5 - 478.3 ft;	
S				4780	PSZ					54	230		
S				4783	FZF							Z sym. 478.3 - 519.0 ft; main D region;	
S				4976	CSZ					70	230		
S				5176	CSZ					77	230		
S				5190	FZE							D region 519.0 - 528.0 ft;	
S				5280	FZD							Z sym. 528.0 - 551.0 ft;	
S				5335	CSZ					69	230		
S				5486	CSZ					76	230		
S				5510	FZE							D region 551.0 - 583.7 ft; main Z sym;	
S				5663	CSZ					70	230		
S				5817	CSZ					70	230		
S				5837	FZD							Z sym. 583.7 - 589.2 ft;	
S				5892	FZE							D region 589.2 - 602.0 ft; main S/Z sym	
S				6005	CSZ					70	230		
S				6020	FZD							M region 602.0 - 613.9 ft; S/Z = 1/3;	
S				6139	FZM							S sym; 613.9 - 630.9 ft; main D region;	
S				6160	CSZ					78	230		
S				6309	FZE							M region. 630.9 - 663.6 ft; S/Z = 1/2;	
S				6425	CSZ					65	230		
S				6585	CSZ					74	230		
S				6636	FZM							Z sym. 663.6 - 694.2 ft;	
S				6760	CSZ					75	230		
S				6940	CSZ					73	230		
S				6942	FZE							K region 694.2 - 921.0 ft; 20% massive sulph; main Z sym;	
S				7525	PSZ					75	230		

UNITS = FEET.

CODE	FROM		TO		SAMPLE		INTR.		REC (m)		UNIT		DESCRIPTION
	10	14	16	20	22	26	28	30	32	34	36	40		42
P	11660		11675		1503		115		115		15D01		WHOLE CORE SAMPLED BY K.A. SEE K.A LOGS (LOW GRADE)
P	12793		12810		18664		117		117		1A1A3		+ (4L0)
P	12810		12852		18665		142		142		1A1A1		
P	12852		12895		18666		143		143		1A1A1		
P	12895		12932		18667		137		130		5C1A*		CALC; 3% FUCHSITE (min 40)
P	12932		12957		18668		125		125		1A1A1		
	12957		13013		18669		156				15A113		NOT SAMPLED - ASSAY = 0%
P	13013		13040		18669		127		127		1A1A1		±7 + (4G4)
SPLIT {	P	13745		13830		18670		185		123	1A1A1		±4
	P	13830		13890		18671		160		134	1A1A1		±4
		13890		14040		18672		150		110	1A1A1		±4 - NOT SAMPLED DUE TO V. POOR RECOVERY.
SPLIT {	P	14040		14077		18672		137		135	1A1A1		±4
	P	14077		14104		18673		127		123	1A1E7		BRECCIA
	P	14104		14151		18674		147		140	1A1H3		BRECCIA
	P	14151		14198		18675		147		140	1A1H3		BRECCIA
	P	14198		14250		18676		152		152	1A1A3		
	P	14250		14302		18677		152		137	1A1A3		
	P	14302		14354		18678		152		138	1A1A3		
	P	14354		14392		18679		138		120	1A1C*		CALC/±8/ + (4K1)
PARTLY SPLIT. {	P	16352		16418		18680		166		166	1A1L2		+ (4C7)
	P	16999		17050		18681		151		130	1A1E8*		+ (5A1)
	P	17050		17100		18682		150		149	1A1E8*		+ (5A1)
	P	17100		17150		18683		150		142	1A1E8*		+ (5A1)
	P	17150		17200		18684		150		148	1A1E8*		
	P	17200		17250		18685		150		144	1A1E8*		
	P	17250		17300		18686		150		140	1A1E8*		
	P	17300		17350		18687		150		125	1A1E8*		
	P	17350		17400		18688		150		140	1A1E8*		
	P	17400		17450		18689		150		144	1A1E8*		
	P	17450		17488		18690		138		137	1A1E8*		+ (4D47)

ASSAY LOG (SAMPLER'S COPY)

Date _____

Sampled by _____

CODE	FROM		TO		SAMPLE		INTR.		REC (m)		UNIT		DESCRIPTION
	1	10	14	16	20	22	26	28	30	32	34	36		40	42
P	179	150	180	125	1523	15	15	14	115	1/13	LOW GRADE - NOT SAMPLED SEE K.P. LOGS.		
P	181	160	182	110	1524	150	150	14	11	LOW GRADE - NOT SAMPLED SEE K.P. LOGS.			
P	182	190	183	104	1529	110	114	14	10				
P	183	102	183	90	1531	122	174	14	13				
P	185	140	185	90	1533	150	150	14	13	= (258) + (27)			
													END OF HOLE 931

DDH FAGA028
 2 8
 FI

Cyprus Anvil Mining Corp.

Page _____ of _____

Structural Log

Date: _____ Logged By: _____

Code	From			To			Feature	S ₀	S ₁		S ₂		Description	
	10	14	16	20	22	24			26	28	32	34		38	40	44
F	122	80		233	6		N							
F	351	65		360	0		S							
F	361	16		362	0		G							
F	404	40		405	8		X							
F	405	8		406	7		G							
F	378	80		383	0	2	P							
F	389			404	0	1	P							
F	407	77		419	8		D							
F	626	67		627	1		G							
F	685	50		685	8		S							
F	702	20		702	8		D?							
F	747	73		748	1		D?							
F	824	43		824	6		G							
F	855	54		856	0		D?							
F	887	70		898	0		G							
F	898	80		905	0		3SF							

DIAMOND DRILL RECORD

LOGGED BY Stanley Reamsbottom

PROPERTY Vangorda - Kerr Addison - AEX - Joint Venture

D.D.H. No. A - 28 PAGE 1 of 5

LATITUDE 10 45G 81 N BEARING OF HOLE _____

STARTED Aug. 10/74

CLAIM No. GRUM 3

DEPARTURE 7 74L 81 E DIP OF HOLE Vertical

COMPLETED Aug. 18/74

DIRECTION AND DISTANCE FROM

ELEVATION 700' P.A. Topog.

Proposed:

4173'

DIP TESTS _____

DEPTH Ultimate: 921'

NE. CLAIM POST

(1289.65m)

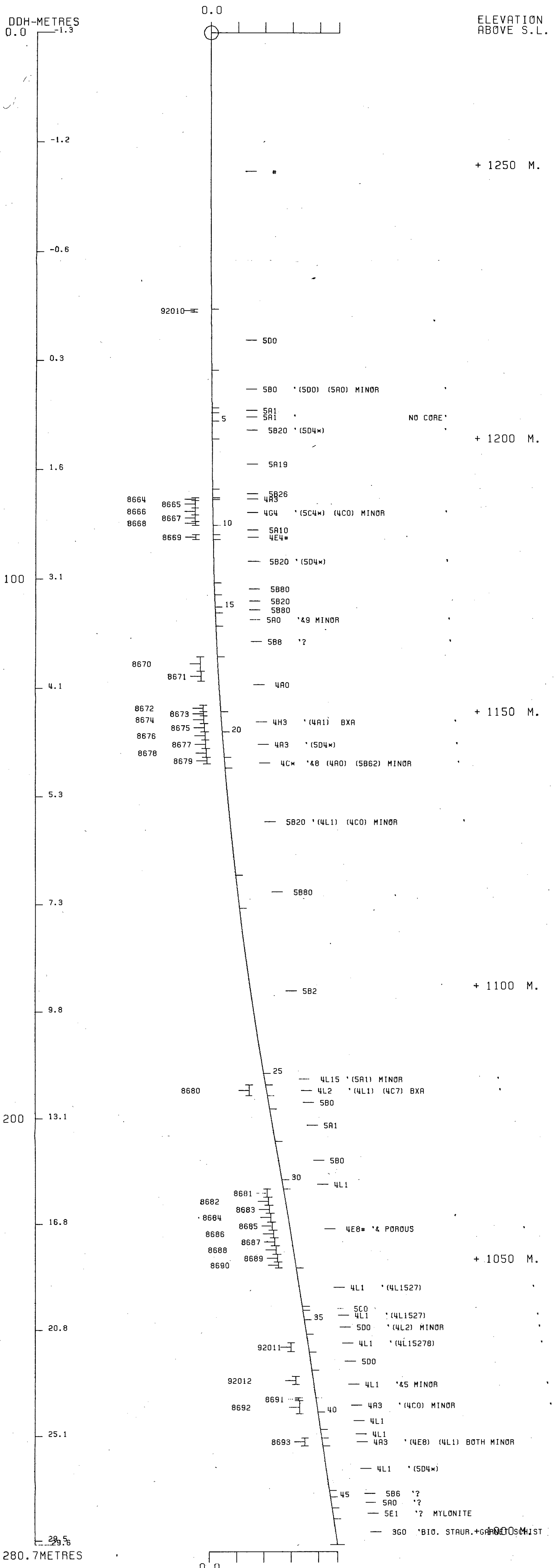
(280.152m)

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		
0	166	OVERBURDEN: Graphitic, porphyritic, and schistose boulders. Note pyritic schist boulders at 135' Ore horizon glaciated: Core angle: ?160=50°															
166	202.5	PALE GREEN CHLORITE-SERICITE PHYLLITE. Buff veins looks altered. Note: 166-68 - brecciated sericite phyllite with pyrite, red sphalerite, in interstices: ORE ZONE GLACIATED. Rock broken. Core angle 180 = 54, F1 subvertical; 200 = 50° F2	21.5/ 36.5														
			1.5/ 1.5	503	166	167.5	1.5	.84	.84	.44							
202.5	224	GREY MODERATELY GRAPHITIC PHYLLITE. Zones of black graphitic phyllite. Blebs of pyrite and pyrrhotite. Core angle 220' - 55°	10.5/ 11.5														
224	281	BLACK GRAPHITIC PHYLLITE. Laminated, F1 locally subvertical to F2. Blebs of pyrrhotite and bands (1-5 mm) of red sphalerite; pyrite, 247-249' Core angles: 240'-74°; 200'-70°; 280'-72° Note good small scale F2 folds at 263'	47/57														
			1.7/ 1.7	504	279.3	281	1.7	.79	.80	.41							
281	295.9	MASSIVE BANDED PYRITIC SULPHIDE, with parting of mineralized quartz mariposite sericite phyllite 289-293.2 75% Sulphide: Banded pyrite, orange-brown sphalerite, galena, white barite; 6-8 lead zinc. Note mariposite zone looks sheared, gougy. Core angle 300' - 70°; F1 subvertical	8/8 3.7/	505	281	289	8	6.68	11.04	3.38							
			4.2 2.7/	506	289	293.2	4.2	2.08	1.38	.94							
			2.7	507	293.2	295.9	2.7	3.68	10.20	3.38							
295.9	301	DARK GREY STRIPED QUARTZ-FELDSPAR GRAPHITIC PHYLLITE. Band (1") sphalerite, pyrite at 300.5															
301	303.8	MASSIVE FOLDED PYRITIC SULPHIDE: Barite Pyrite, pyrrhotite, deep purplish to pale orange sphalerite, lesser galena, gutricate small scale F2 folds: 80% sulphide - 8-9 lead zinc.	3.3/														
			3.3	508	300.5	303.8	3.3	6.68	10.97	3.68							
303.8	356	GREY-BLACK, STRIPED, QUARTZ FELDSPAR GRAPHITIC PHYLLITE. Phyllite locally grey where less graphitic more chlorite rich. Abundant thin quartz-feldspar veins. Small scale faults. F2 folds at 331';	52/														
			52.2														

W.P.A. 295.9 303.8 7.9 (6.1m) 2.79 4.58 1.12 52.7 21.56 64.75 23.34

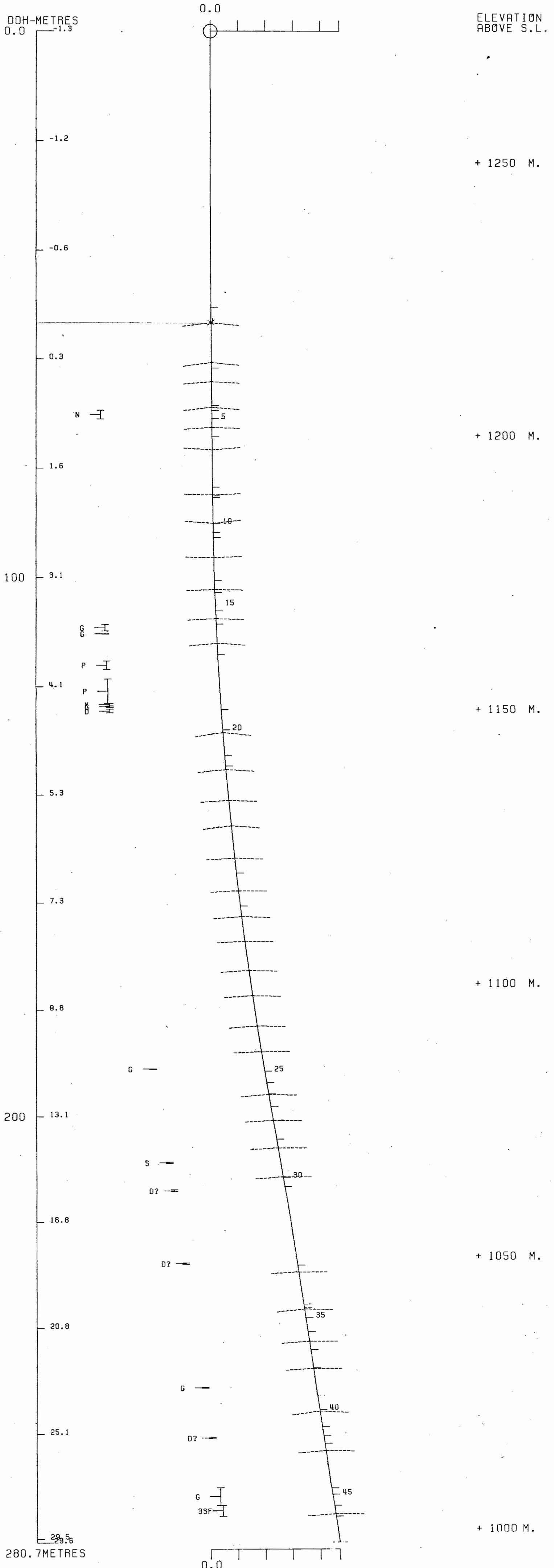
DDH: FAGA028 -- 132 DEGREE PROFILE (VIEW AZIMUTH = 42 DEGREES)

ELEV: 1274 592443E ; 904697N
 PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2
 CORRECTED COLLAR POSITION: X = 758.7 Z = 1274.0
 SECTION NAME: OON



DDH: FAGA028 -- 132 DEGREE PROFILE
 (VIEW AZIMUTH = 42 DEGREES)

ELEV: 1274 592443E ; 904697N
 PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2
 CORRECTED COLLAR POSITION: X = 758.7 Z = 1274.0
 SECTION NAME: 00N



FAGA031

84/1C/18

GRUM DATABASE - QUIZ REPORT

PAGE 1

DCH	SAMPLE	---DEPTHS---		INT M	REC %	ROCK UNIT	S.G.	CU %	PB %	ZN %	AG G/MT	AU G/MT	PO %	PY %	BAO %	PB+ZN %	PC+PY %	ZN RATIO
		FROM	TO															
FAGAC31	92239	114.6	115.9	1.3	100	4G4			4.95	7.05	68.6					12.00		.59
	92240	123.2	124.4	1.2	92	4E08			1.33	1.18	25.4					2.51		.47
	92241	133.6	134.4	.8	38	4E108			1.68	1.62	20.2					3.30		.49
	92242	134.4	135.9	1.5	93	4E108			1.15	1.35	20.2					2.50		.54
	92243	148.3	148.8	.5	80	4C3			.32	.98	6.2					1.30		.75
	92244	168.5	170.3	1.8	94	4EG			4.58	4.86	60.3					9.44		.51
	92245	170.3	171.9	1.6	87	4EG			3.90	3.60	44.2					7.50		.48
	92246	171.9	172.8	.9	100	4EG			3.38	2.76	39.4					6.14		.45
	92247	172.8	174.0	1.2	92	4E0			.64	.34	15.1					.98		.35

DCH	SAMPLE	RCK UNIT	NCRMATIVE MINERALS - WEIGHT %						NORMATIVE MINERALS - VOLUME %							
			CPY	GA	SP	PC	PY	BAR	OTHER	CPY	GA	SP	PO	PY	BAR	OTHER
FAG031	92239	4G4		5.72	10.51				83.77	*						
	92240	4E08		1.54	1.76				96.70	*						
	92241	4E108		1.94	2.42				95.64	*						
	92242	4E108		1.33	2.01				96.66	*						
	92243	4C3		.37	1.46				98.17	*						
	92244	4EG		5.29	7.25				87.47	*						
	92245	4EG		4.50	5.37				90.13	*						
	92246	4EG		3.90	4.11				91.98	*						
	92247	4E0		.74	.51				98.75	*						

DRILL HOLE : FAGAC31
NORTHING : 904,617.2
EASTING : 592,533.0
ELEVATION : 1,267.6
TOTAL DEPTH : 217.6
SECTION : W EC
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
CHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS CRE-SAMPLES: 9
NOS DOWN-H-SURVEYS: 4
NOS DOWN-H-LITHOLOGY: 34
NOS DOWN-H-STRUCTURE: 42
NOS DOWN-H-FAULTS: 33
NOS DOWN-H-SPLINES: 4
NOS COMPOSITES: 0

26SEP84 GRUM

DOWN-HOLE SURVEYS (CH020)

PAGE: 64

UDH: FAGAC31 UTM-N: 904,617.2 UTM-E: 592,533.0 UTM-ELEV: 1,267.6 TOTAL DEPTH: 217.6 SECTION: W 60
PFE: S2 PFE CIP: 230 PLUNGE ANGLES: 11 312 DMC CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
61.000	176.300	112.500
118.900	168.400	65.000
170.700	164.500	61.500

DDH: FAGAC31 UTM-N: 904,617.2 UTM-E: 592,533.0 UTM-ELEV: 1,267.6 TOTAL DEPTH: 217.6 SECTION: W 60
 PFE: S2 RFE DIF: 230 PLUNGE ANGLES: 11 312 DMC CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
46.0	CCC1	#	C/B - TRICONEE	0.5-	1
55.5	CCC2	#	C.9M GRANITE BOULDERS	0.5-	1
65.8	CCC3	5E80	(5B0) (500) 9C:07:03	0.5-	1
105.3	CCC4	5E6	8 2 MINCR	0.5-	1
114.6	CCC5	5A63		0.5-	1
115.9	CCC6	4E4	-> 4E4 & 6 (504 FUCH) 90:10	0.5-	1
118.0	CCC7	4L6	WEAK	0.5-	1
119.2	CCC8	4L6	WEAK -> (5864)	0.5-	1
119.5	CCC9	4A0	[5A19]	0.5-	1
122.2	CC10	4L6	WEAK 2 MINCR	0.5-	1
123.2	CC11	5A19	[4A0]->(4L6 WEAK 2 MINOR)60:40	0.5-	1
124.4	CC12	4E08	8# (4L6 WEAK)(4H3) 9C:10:MINOR	0.5-	1
133.6	CC13	5A13	MINOR 9 (PY) MINCR	0.5-	1
135.9	CC14	4E10	8->(4G4E)(4L6 WEAK)(5A19 MIN)	0.5-	1
137.8	CC15	5A19	MINOR (504#) 80:20	0.5-	1
141.4	CC16	4L13	6 WEAK -> (5A19 MINCR) 80:20	0.5-	1
145.3	CC17	5E62	8 -> (58624#) 80:20	0.5-	1
148.3	CC18	4C3	-> 4E1	0.5-	1
152.1	CC19	5E63	1	0.5-	1
158.8	CC20	5E23	C	0.5-	1
164.1	CC21	5E6	8# 84	0.5-	1
166.5	CC22	5E62	(4L6) GOUGE	0.5-	1
172.8	CC23	4E48	8# -> (4G4E) & BXA PC:20	0.5-	1
173.1	CC24	5E62		0.5-	1
174.0	CC25	4E0	8# 86 BXA	0.5-	1
176.5	CC26	5E6	8C GOUGE	0.5-	1
199.5	CC27	5A19	MINOR (504#) TRACE	0.5-	1
205.7	CC28	1C	84 [1C0]	0.5-	1
209.6	CC29	3FC		0.5-	1
211.5	CC30	3C		0.5-	1
211.8	CC31	3FC		0.5-	1
214.6	CC32	1C0	84 (30) 70:30	0.5-	1
215.2	CC33	4L	MYLONITE? [504#]	0.5-	1
217.6	CC34	3C	(1C0) (3FC)	0.5-	1

CDH: FAGAC31 UTM-N: 204,617.2 UTM-E: 592,533.0 UTM-ELEV: 1,267.6 TOTAL DEPTH: 217.6 SECTION: W 60
 RFE: S2 RFE DIR: 230 FLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

CDH	F DEPTH	T DEPTH	FFAT	SYTRY	SG	ANGLE	DIRECT	S1	ANGLE	DIRECT	S2	ANGLE	DIRECT	RFE	CDE	DHOC	SDC	PROCESS
FAGAC31	0.0	56.9	CS2	C	C	C	C	G	C	82	230	C	C	1	1	1	1	1
FAGAC31	0.0	60.0	CS2	C	C	C	C	G	C	77	230	C	C	1	1	1	1	1
FAGAC31	0.0	63.7	PS2		C	C	C	G	C	75	230	C	C	1	1	1	1	1
FAGAC31	0.0	67.7	CS2	C	C	C	C	G	C	70	230	C	C	1	1	1	1	1
FAGAC31	0.0	68.5	CS2	Z	C	C	C	G	C	79	230	C	C	1	1	1	1	1
FAGAC31	0.0	73.1	PS2		C	C	C	G	C	87	230	C	C	1	1	1	1	1
FAGAC31	0.0	77.7	CS2	S	C	C	C	G	C	80	230	C	C	1	1	1	1	1
FAGAC31	0.0	80.7	CS2	Z	C	C	C	G	C	72	230	C	C	1	1	1	1	1
FAGAC31	0.0	86.0	CS2	S	C	C	C	G	C	60	230	C	C	1	1	1	1	1
FAGAC31	0.0	89.6	PS2		C	C	C	G	C	90	230	C	C	1	1	1	1	1
FAGAC31	0.0	92.3	PS2	Z	C	C	C	G	C	75	230	C	C	1	1	1	1	1
FAGAC31	0.0	97.5	PS2		C	C	C	G	C	82	230	C	C	1	1	1	1	1
FAGAC31	0.0	100.5	PS2		C	C	C	G	C	76	230	C	C	1	1	1	1	1
FAGAC31	0.0	104.8	CS2		C	C	C	G	C	77	230	C	C	1	1	1	1	1
FAGAC31	0.0	108.2	CS2		C	C	C	G	C	70	230	C	C	1	1	1	1	1
FAGAC31	0.0	111.3	CS2	S	C	C	C	G	C	63	230	C	C	1	1	1	1	1
FAGAC31	0.0	114.3	CS2		C	C	C	G	C	85	230	C	C	1	1	1	1	1
FAGAC31	0.0	117.3	PS2		C	C	C	G	C	55	230	C	C	1	1	1	1	1
FAGAC31	0.0	120.0	CS2	S	C	C	C	G	C	83	230	C	C	1	1	1	1	1
FAGAC31	0.0	123.7	PS2		C	C	C	G	C	66	230	C	C	1	1	1	1	1
FAGAC31	0.0	128.6	PS2		C	C	C	G	C	66	230	C	C	1	1	1	1	1
FAGAC31	0.0	131.0	PS2		C	C	C	G	C	73	230	C	C	1	1	1	1	1
FAGAC31	0.0	134.1	PS2		C	C	C	G	C	72	230	C	C	1	1	1	1	1
FAGAC31	0.0	137.1	CS2	S	C	C	C	G	C	73	230	C	C	1	1	1	1	1
FAGAC31	0.0	140.2	PS2		C	C	C	G	C	90	230	C	C	1	1	1	1	1
FAGAC31	0.0	147.5	CS2	S	C	C	C	G	C	70	230	C	C	1	1	1	1	1
FAGAC31	0.0	152.0	CS2	M	C	C	C	G	C	75	230	C	C	1	1	1	1	1
FAGAC31	0.0	159.4	PS2		C	C	C	G	C	81	230	C	C	1	1	1	1	1
FAGAC31	0.0	169.1	PS2		C	C	C	G	C	84	230	C	C	1	1	1	1	1
FAGAC31	0.0	170.6	PS2		C	C	C	G	C	46	230	C	C	1	1	1	1	1
FAGAC31	0.0	178.9	PS2		C	C	C	G	C	60	230	C	C	1	1	1	1	1
FAGAC31	0.0	180.1	CS2	S	C	C	C	G	C	66	230	C	C	1	1	1	1	1
FAGAC31	0.0	184.7	PS2		C	C	C	G	C	79	230	C	C	1	1	1	1	1
FAGAC31	0.0	187.7	PS2		C	C	C	G	C	82	230	C	C	1	1	1	1	1
FAGAC31	0.0	191.7	PS2		C	C	C	G	C	85	230	C	C	1	1	1	1	1
FAGAC31	0.0	196.2	PS2		C	C	C	G	C	78	230	C	C	1	1	1	1	1
FAGAC31	0.0	198.1	PS2		C	C	C	G	C	74	230	C	C	1	1	1	1	1
FAGAC31	0.0	199.3	PS2		C	C	C	G	C	69	230	C	C	1	1	1	1	1
FAGAC31	0.0	202.3	PS2		C	C	C	G	C	86	230	C	C	1	1	1	1	1
FAGAC31	0.0	208.1	PS2		C	C	C	G	C	79	230	C	C	1	1	1	1	1
FAGAC31	0.0	212.7	PS2		C	C	C	G	C	80	230	C	C	1	1	1	1	1
FAGAC31	0.0	217.3	PS2		C	C	C	G	C	80	230	C	C	1	1	1	1	1

DCH: FAGAC31 UTM-N: 904,517.2 UTM-E: 552,533.0 UTM-ELEV: 1,267.6 TOTAL DEPTH: 217.6 SECTION: W 60
 RFE: S2 PFF DIP: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DCH	F DEPTH	T DEPTH	FEAT	REC	CD	PARLL	UPPER PLANE	INTERNAL PLANE	LOWER PLANE	CFD
FAGAC31	63.0	63.7	TF		5		C	C	C	1
FAGAC31	63.7	64.2	2PR				C	C	C	1
FAGAC31	64.9	65.5	R				C	C	C	1
FAGAC31	65.5	65.8	BT				C	C	C	1
FAGAC31	65.8	69.9	3PR				C	C	C	1
FAGAC31	75.8	76.5	R				C	C	C	1
FAGAC31	86.2	86.7	TRG		5		C	C	C	1
FAGAC31	89.3	90.6	2P				C	C	C	1
FAGAC31	99.6	102.9	3P				C	C	C	1
FAGAC31	103.9	104.9	RG		7		C	C	C	1
FAGAC31	104.8	105.3	3P				C	C	C	1
FAGAC31	105.3	114.6	3PT		9		C	C	C	1
FAGAC31	115.9	116.1	2P				C	C	C	1
FAGAC31	122.2	123.2	2P				C	C	C	1
FAGAC31	124.4	133.6	2BR				C	C	C	1
FAGAC31	135.9	137.7	3PR				C	C	C	1
FAGAC31	137.7	144.1	2P				C	C	C	1
FAGAC31	144.1	145.6	PR		2		C	C	C	1
FAGAC31	145.6	148.3	2P				C	C	C	1
FAGAC31	148.8	152.0	1P				C	C	C	1
FAGAC31	153.0	154.8	GRP		2		C	C	C	1
FAGAC31	154.8	156.6	R3S		2		C	C	C	1
FAGAC31	156.6	158.8	3PR		9		C	C	C	1
FAGAC31	161.5	162.4	P		3		C	C	C	1
FAGAC31	158.8	164.1	3PR		8		C	C	C	1
FAGAC31	164.1	168.5	3G				C	C	C	1
FAGAC31	168.5	172.8	DX				C	C	C	1
FAGAC31	172.8	173.1	R				C	C	C	1
FAGAC31	173.1	174.0	XP				C	C	C	1
FAGAC31	174.0	176.4	3G				C	C	C	1
FAGAC31	0.0	190.4	3P				C	C	C	1
FAGAC31	0.0	205.7	D				C	C	C	1
FAGAC31	0.0	214.5	1P				C	C	C	1

26SEP84 .RUM

CCWN-HOLE SPLINES (JHG20)

PAGE: 69

CDH: FAGAC31 UTM-N: 904,617.2 UTM-E: 592,533.0 UTM-ELEV: 1,267.6 TOTAL DEPTH: 217.6 SECTION: W 60
RFE: S2 RFE DIP: 230 PLUNGE ANGLES: -11 312 OMC CALC: 1 SS CALC: 1

CDH SEGMENT NOS COND INDICATOR

FAGAC31	1	2
FAGAC31	2	2
FAGAC31	3	2
FAGAC31	4	1

**THIS REPORT WAS REQUESTED BY: LEEP .GEOLOGY AT: 14:53:31

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: FAGA031

Reference Fabric Orientation Diagram:

Project: GRUM

N.B. *ELTM* coordinates of
Make-Believe Fault suggests that this
DDH did not shallow out and deviate
as much as the "calculated" downhole
surveys indicate! *LCP Nov/84*

Location: GRUM

Claim: GRUM #3

Terr. Plane
Co-ords.: 6904617.2 N

592533.0 E

Grid
Co-ords: 60 W /

Elevation: 1267.6m

All symmetry determinations looking

Total Depth: 217.6m (714 ft)

NW with 52 dipping

Inclination: -90°

SW with dip azimuth 230.

Purpose: _____

Reason hole
Terminated: _____

Logged by: LCP / GAI

Date(s) Logged: July 21 / 84

Drilling
Contractor: _____

Size	CORE From	To	Collar Cased and Capped: _____
<u>BW</u>	<u>0'</u>	<u>181'</u>	
<u>BQ</u>	<u>181'</u>	<u>714'</u>	

Hole
Cemented: _____

Feet down
hole: _____

Started: Aug 19/74 Completed: Aug 22/74

DDH FAIGA031
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	FAIGA031	11267.6	9046.17	12592.53	3.0	METRES	S12					

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments					
I	2	8	10	14	22	26	28	32	34	56
R	FAIGA031	100	180.0	0.0	AT COLLAR					
R	FAIGA031	1610	176.5	112.5	CALCULATED FROM					
R	FAIGA031	11189	168.7	065.0	FAIGA1110 & FAIGA1119					
R	FAIGA031	11707	164.5	061.5						
R										
R										
R										
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R										
R										

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

DDH FAGAD 3.1
 2 FEET 8

Cyprus Anvil Mining Corp.
 Lithologic Log

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Date: July 21 '84 Logged By: LCP/GAT

151.0
 182.0

Code	From	To	Recov.	No.	Unit	Description
L	1130.0	1130.0		1	#	
L	1130.0	1183.0		2	#	3' granite boulders recovered
L	1183.0	2160.0		3	S.B.80	(SBO) (S00) 90:07:03 dominantly moderately hard calcareous greyish green well lithoned chloritic phyllite - abundant granular gtz calc bands/lithons local blue grey embd bands/lithons. S00 mainly near FOI as small homogeneous interbands. S30 small grey interbands near center of unit - fairly sharp contacts but recvy problems make them unclear 183-207 = core intact 207-209 = 1' of potter chippy cone rubble recvd 209-213 = med broken local rubble, recvy ok 213-215 = rubble, recvy ok 215-FOI = potterchippy broken, recvy ok
L	2160.0	3455.0		4	S.B.61	± 2 minor med soft to med hard, in grey to m. dk grey to very locally dark grey, var calc phyllite - Moderate lithon development with bands/lithons of m grey finely granular gtz (with no calcite, nodules (weath white) and no calc sil - do see minor spots of orange weath ank locally), local ^{stack} chert nodules but rare, lower most 12' is softer and p.s. silicated without gtzase lithons. Indistinct banding in grey to lt grey reflects both original comp banding and D solution

Code	From		To		Recov.		No.		Unit	Description	
	10	14	16	20	22	24	26	28	30		34	38
											at 333 is a 1' interval of SD4 minor \$
											Lower contact rubble.
											T0I - 226 = v. broken to rubble, 2' core recvd - ^{dissect} look like
											226 - 249 = intact - recvy OK
											249 - 251 = (check to see if split) looks rubble now
											251 - 255 = intact with minor rubble
											255 - 283 = intact
											283 - 293 = rubble gorge poker chippy, ^{IND} gorge mainly in last foot
											overall ≈ 50% recvy
											293 - 327 = mod broken local rubble - recvy OK - no gorge
											327 - 341 = v. broken - local rubble recvy OK
											341 - 344 = rubble & gorge gorge mainly last 1.5' ± IND
											75-80% recvy
											344 - EOI = v. broken
											All gorges in this unit probably just minor structures.
L	34.55		37.61						5	5AIG@	
											mod hard to hard dk grey to black non calc phyllite with abundant
											qtzose lithons & bands - lithons contain orangey tan weath
											white fresh (fizzes weakly when powdered in 20% HCl) carbonate?
											(not dolo reaction but dolo appearance) minor fq py ± spher
											locally in thin stringers along s ₂ & x cutting structures -
											also minor py dissemin in qtzose lithons
											360-362 = 6" qtz vein + 5' white & 1' SD4 with qtz
											spher remaining
											unit is very broken to poker chippy - no major gorge
											~90% recvy

MPC055
major
fault.

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 36					
L	376	380		6	464	→ 4E4 ± 6 (SC4 fuch.) 90:10 upper contact drilled away finely banded baritic pyritic massive sulph - honey colored sphal. xcut by gtz ank small crackle bra wrinkles - SC = 6" band in top foot split originally intact
L	380	387		7	466	weak. soft to very soft, pale grey to greenish cream, non calc, phyllite - s ₂ folia are pale greenish cream, musc > chl xcut by small dol filled tension gashes - upper contact broken lower gradational original rock probably a phyllite with gtzose libans/bands not SD near top rock weath brown locally and appears to have dissem ank (freezes slowly in 20% when powdered) ⇒ carbonation along with alter? mod broken to incipient gorge. - rock control gorge not fault!
L	387	391		8	466	weak → (SB64) as above but short 6"-1" intervals remain in -dk grey phyllite coloring - more altered portion is rusty brown weath along s ₂ folia & fractures. mod broken to incip gorge as above
L	391	392		9	4A10	[SA19] finely laminated with gte-s ² bands, pyrite only 25% top py upper contact is gtz vein lower 2" bleaching zone tx in A next unit intact

Code	.From				To				Recov.	No.	Unit	Description
	10	14	18	20	22	24	26	28					30	34	35
L	139	20	40	11	0					110	4L6	weak 2 minor mod soft locally hard, pale greenish cream, calc phyllite, weath to a deep rust brown on cut surface. Preserves lith texture. S ₂ folia are cream to pale grey with slight greenish tint. Unit contains Qtz veins along S ₂ with a network of pyrite in them. Upper contact is sharp as is lower may be alteration of bounding units intact to incip gorge - no faults
L	401	20	410	4	2					111	SA119	[4A0] → (4L6 weak 2 minor) 60:40 rx as above 2 units but interbanded on 6"-1' scale mod broken.
L	404	2	410	8	2					112	4H10.8	±\$ (4L6 weak) (4H\$) 90:10:minor upper 8" is 4H with floating flesh colored dolo ameboid shaped clasts minor cpy in fractures in dolo. 4H is finely banded with streaky int - dolo dissem in matrix rather than as clasts. Thin 1/2" to 1" bands (1/2 S ₂) of 4L lower contact is sharp with interbanding of SA over a few inches split originally intact
L	408	2	438	5						113	SA11\$	minor 9 minor py dk grey to black mod hard to hard lithomel carbonaceous phyllite lithous dominantly, Qtz with minor dissem dolomite and locally dissem py - minor bands up to 3" thick c Fyr pyrite with quartz augen. - descent have good Qtz/S = banding of 4A and is abnormally phyllitic mod broken to locally very broken & rubble, recvy OK, no likely faults

Code	From	To	Recov.	No.	Unit	Description
I	10 14 16 20 22 24 26 28 30 34 36					
L	4385	4461		14	4E108	→ (4G48) (4L6 weak) (SA19 minor) 70% massive s ⁼ interleaved sequence of above? or - 4L as creamy micaceous bands < 1" thick, locally so close that you get 4L24 or 4D sericitic for short stretches. split s ⁼ intact now rest now rubbly.
L	4461	4520		15	SA19	minor (SD4\$) 80:20 SD is 2 highly foliated bands 6" x 2" thick - SA similar to unit # 1114 thin gtrase lamina separated by carb. folia. not split, strongly broken rubbly recvy OK - lower contact rubble.
L	4520	4640		16	4L1\$	6 weak (→ SA19 minor) 80:20 pale greenish cream musc > chl with abundant gtrase bands - 18 micaceous folia separating gtrase bands/lithons good red litthan text. dolo both as augen and dissem in gtrase bands. Tx into SA19 minor upon which it appears to be overprinted ^{possibly} along with some light SB6\$ type protolith as below mod broken - local rubble recvy OK
L	4640	4868		17	SB62\$	→ (SB624\$) 80:20 mod hard to hard dk grey to med grey, ^{may calc} dolomitic, lithonous phyllite. well developed gtrase lithons with dissem orange weath dolo & minor pyrite - locally transitional to weakly altered lighter colored version of same 464-473 = mod broken - recvy OK 473-478 = dullers note sand 1' heavy of rubble. not necessarily a fault.

478-487 = mod broken with local med grey gtrase recvy OK

Code	From		To		Recov.	No.	Unit	Description		
	10	14	18	20					22	24	26	28	30	34	35
L	487	0	488	2		18	4C3	→ 4E1 magnetic but can't see po or mt! more S ² at top S ² poorly define lithon text along with micaceous folia may not be stratiform - tr copy - split intact originally		
L	488	5	499	0		19	5B6\$1	in grey mod hard to hard non calc well lithomed phyllite - lic for abundant grease lithon bands which contain ≈ 50% dolo (weath tan-orange) - unit mod broken to intact Transitional lower contact w/ carbonate type and carbon content.		
L	499	0	521	0		20	5B2\$0	as above but darker folia plus both calcite and dolo in lithons 499-502 = intact 502-508 = coarse rubble, sand w/ at 508, 1.5' recvd. 508-514 = rubble to strongly broken 2' recvd. 514-521 = v. broken to rubble 90% recvd. most likely fault at 508 probably subsidiary to underlying fault.		
L	521	0	538	5		21	5B6, ± \$ ± 4	mod soft med grey non calc phyllite locally developed grease deformitic bands, ± 4 refers to 6"-1' long intervals bleached to pale grey making up ~10% of unit. strongly broken & rubble recvy ~80% except for 530-533=1' recvd.		
L	538	5	553	0		22	5B1R (4L6) gouge.	to 534' is 5B2 gouge 544-549 = 4L6 weak gouge. [504 ???] 545-552 5B6 gouge to inc. gouge. 552-553 = fragments of 5A19 v. minor - all gouge IND, good recvy!		

Code	From		To		Recov.		No.		Unit	Description
	10	14	16	20	22	24	26	28			30	34	35
L	553	567							23	4E48 ±# → (4G48) ±BXA FO:20
										Upper contact sharp looks tectonic not H_2 but ductile flow bxa contact. S^2 in S^2 bxa through unit. - Finely laminated pyritic sulphide with baritic sections and with minor local calcite dissem through unit and in fractures, locally very calcitic - streaky and dissem int. Split, originally was intact
L	567	568							24	5B62 dk grey rubble. - trashed by splitting?
L	568	571							25	4E0 ±# ±6 BXA increasingly broken downward, split, rubble at EOT
L	571	579							26	5B6 ±0 GOUGE dark grey locally foaming gouge, totally IND, lower contact gouge/rubble contact
L	579	654							27	5A19 minor (SD4±) trace. mod hard to hard ps. striped non calcareous siliceous phyllite. has the distinctive lt grey/dk grey color striping of this unit H_2 to S_2 . Minor po assoc with g zone bands (also some py near top) ± in fractures. SD bands $\frac{1}{2}$ - 1" thick & above 5921 fine dk grey ^{off} subhedral mottling on ~5mm scale that may be due to porphs - andul.? tends to be in darker grey more homogeneous softer bands. - unit shows strong "chale flash" but descent seems to be dolomitic

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	6545	6750		28	1C	±4 [1C0] homogeneous finely laminated mud hard, bio, musc, andul stann schist - uppermost 5' looks altered as seen at Farm. chl musc matrix with chl clots + fresh irregular bio andul clots. Upper contact is sharp and both units appear to have polished ^{siliceous} surfaces - uppermost schist has a scaly foliation similar to a fish scale scarp texture. Lower contact sharp with a very siliceous fine grained banding and development of calc silicates in last 3" - contact is tectonic + related to flow + bedding in underlying units - intact - perfect coring
L	6750	6875		29	3F0	beddinged silicate bands dominantly low brown + only locally calc sil green. - in upper portion 50% is silicate layers - in last 3' only 20% intact - perfect coring
L	6875	6941		30	3D	hard, alternating brown bio rich schist and bluish green to pale green calc sil bands. Banding on cm to 1' scale, 40% Bio bands. Calc sil = pale creamy green ± calcite surrounded by blue green amph epi banding - calc sil development dominantly controlled by original compositional banding but there is lesser fracture controlled development - only slightly calcareous overall intact - perfect coring

Code	From		To		Recov.	No.	Unit	Description		
	10	14	18	20					22	24	26	28	30	34	35
L	694		695			31	3FP	normal, 70% mbl - both bio & calc sil as thin interbands intact		
L	695		704			32	1CD = 4(3D)	70:30 top 1' & bottom 1' are green calc sil as #30, center is biotite schist with chloritic clots and fresh quartz-bio clots to 1x3cm (larger than up hole) ^{dark green} clots Set in tan muscovite rich ^{altered} matrix intact - perfect coring		
	704		706			33	HLI?	mylonite? [SD4#7] pale cream, ^{strong, thin} ps ₂ foliated, hard calcareous and dolomitic phyllite with well developed qtz bands & discontinuous lenses of S ₂ - looks like could be SD4#7 or could it be mylonitic (=> flat augen => Flaser fabric?) minor rubble at TAT otherwise intact		
	706		714			34	3D	(1CD)(3F0) heterogeneous mixture of 3F 3D & 1CD on a scale of inches to feet. 50% calc sil 50% schist minor mbl.		

FOA!!!

Yea.

DDH FAGA031
2 8

Cyprus Anvil Mining Corp.

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Structural Log

Date: Logged By: LCP

Code	From		To		Feature	SYM	S ₀		S ₁		S ₂		Description	
	10	14	16	20			Dip	Direct.	Dip	Direct.	Dip	Direct.		38	40	44
S				1187	CSZ	D						82	230	
S				1197	CSZ	D						77		
S				1209	PSZ							75		
S				1221	CSZ	D						70		
S				1225	CSZ	Z						78		poor symmetry
S				1240	PSZ							87		
S				1255	CSZ	S						80		
S				1265	CSZ	Z						72		
S				1285	CSZ	S						69		
S				1294	PSZ							90		
S				1303	PSZ	Z						75		→ CS ₂
S				1320	PSZ							82		
S				1330	PSZ							76		→ S ₂
S				1344	CSZ							77		
S				1355	CSZ							70		
S				1367	CSZ	S						63		
S				1375	CSZ							85		
S				1385	PSZ							55		
S				1394	CSZ	S						83		
S				1406	PSZ?							66		? PS ₁ ? S ⁼ banding
S				1422	PSZ							66		
S				1430	PSZ							78		→ CS ₂
S				1440	PSZ?							72		? PS ₁ ? S ⁼ banding
S				1450	CSZ	S						78		
S				1460	PSZ							80		
S				1484	CSZ	S						70		
S				1499	CSZ	M						75		
S				1523	PSZ							81		
S				1550	PSZ							84		
S				1560	PSZ?							46		PS ₁ ? S ⁼ banding
S				1587	PSZ							60		
S				1591	CSZ	S						66		
S				1606	PSZ							79		
S				1616	PSZ							82		
S				1629	PSZ							85		
S				1644	PSZ							78		CSN 43/00

S 650 PSZ 74
 S 654 PSZ 69
 S 664 PSZ 86
 S 683 PSZ 79
 S 687 PSZ 80

FEET

FAULT

DDH AD31
2 8

Cyprus Anvil Mining Corp.

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REV Structural Log

Date: Aug 8/84 Logged By: LUP

UPPER ENT LOWER

Code	From	To	Feature	E %	S ₀		S ₁		S ₂		Description			
					Dip	Direct.	Dip	Direct.	Dip	Direct.				
I	10	14	16	20	22	24	26	28	32	34	38	40	44	
F	121070	121090	TIR	5										1' poker chippy & rubble
F	121090	121130	21BIR											mod brkn, local rubble
F	121130	121150	R											rubble, recov. OK
F	121150	121160	BIT											poker chippy & brkn, recov OK
F	121160	1212160	31BIR											v. brkn to rubble
F	121490	121510	R											rubble
F	1218130	121930	TIRG	5										rubble, gauge, poker chippy IND gauge 30% recov
F	1219130	131270	21B											mod brkn w/ local rubble
F	131270	131410	31B											v. brkn w/ local rubble
F	131410	131440	RIG	7										rubble & gauge IND gauge mainly lost 1.5' 75-80% recov
F	131440	131455	31B											v. brkn
F	131455	131761	31BIT9											v. brkn to poker chippy 90% recov
F	131805	131910	21B											mod brkn to incip gauge lithology related
F	141010	141042	21B											mod brkn
F	141082	141385	21BIR											mod brkn to locally v. brkn & rubble
F	141461	141520	31BIR											strongly brkn, rubble
F	141520	141730	21B											mod brkn, local rubble, recov. OK
F	141730	141780	PR	2										1' recovered / drillers note SAND rubble
F	141780	141818	21B											mod brkn w/ local incip gauge - recov OK
F	141882	14990	11B											mod brkn to intact
F	151020	151080	GRIP	2										1.5' recov. gauge & rubble SAND noted at 508'
F	151080	151140	R31B2											2' recov. rubble to strongly brkn
F	151140	151210	31BR9											v. brkn to rubble 90% recov.
F	151210	151385	31BR8											v. brkn to rubble

FEET

FAULT

DDH A.O.3.1
2 8

Cyprus Anvil Mining Corp.

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REC Structural Log

Date: Aug 8/84 Logged By: KCP

~~UPPER~~ ~~INT~~ ~~LOWER~~

Code	From		To		Feature	S Dip	S Dip Direct.		S Dip Direct.		S Dip Direct.		Description
	10	14	16	20			22	24	26	28	32	34		38	40	44
F	151310		151330		P1	3							1' recovery
F	151385		151530		31G1								all IND gauge
F	151530		151670		DX1								upper contact ductile flow bxa sulph in S ² bxa
F	151670		151680		R1								rubble
F	151680		151710		X1R								bxa, rubble
F	151710		151790		31G1								IND foaming gauge
F			16154		531F1								upper contact sharp - polished & slicked S ² surfaces Make Believe Fault or DORN LAKE Fault
F			16750		D1								ductile flow bxa between schist & underlying marble
F			17040		11R								minor rubble
													EOH

Feet

DDH FAGAO.3.1 Cyprus Anvil Mining Corp

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Logged by LCP

ASSAY LOG (SAMPLER'S COPY)

Date

Sampled by Kerr-Addison

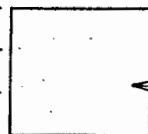
CODE	FROM				TO				SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
	1	10	14	16	20	22	26	28						30	32	34	36	40	42
P	1317	16	17		1318	10	5	92239	144	144	41641		
P	1410	14	2		1410	18	2	92240	140	137	41E108		
P	1431	18	5		1441	10		92241	125	110	4E1108		
P	1441	10			1446	1		92242	151	14	4E1108		
P	1486	8			1488	2		92243	114	114	4C131		
P	1515	30			1515	9	0	92244	160	159	41E61		
	1515	9	0		1516	4	0	92245	150	149	41E61		
	1516	4	0		1516	7	0	92246	130	130	41E1G1		
	1516	7	0		1517	1	0	92247	140	137	41E01		

DIAMOND DRILL RECORD

LOGGED BY _____

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

D.D.H. No. _____ A - 31 PAGE 3 of 5



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
		Sheared at 446.8 - 447.5' of loose breccia. Minor pyrite, no lead-zinc noted. Core angles: 70° at 448'; 85° at 450'											
452	464 <i>461.4 m</i>	QUARTZ-SERICITE PHYLLITE - Bleached to buff color except three (approximately 0.3'-0.7') sections grey sericite with quartz veining. Average 25-30% sericite. 2% pyrite occurring as thin bands or streaks, negligible lead-zinc. Core angles: 75-80° at 453-454'; 60° at 456'; 80° at 457'; 75° at 459-462'; 65° at 463'	10.1/12		452	464							
464	521.8 <i>520. m</i>	QUARTZ-SERICITE GRAPHITE PHYLLITE. 10-15% sericite, 5% graphite. Banded light grey, medium grey and dark grey. Minor shears and slips, moderate fracturing with quartz-carbonate filling. F ₁ K ₁ - 15' fairly prominent. Major shear? (with breccia-loose) at (502-510?). Negligible sulphides except at 486.4' - 488.5' where slightly brecciated quartz-sulphide occur in bleached quartz-sericite phyllite; 2% pyrite, 1 pyrrhotite, 4 lead + zinc. Core angles: 60° at 464'; 75° at 467-475'; 45° at 478'; 50° at 482'; 65° at 483'; 70° at 484'; 60° at 489'; 65° at 492-496'; 70° at 497-520'	5.1/9 1.2/5 1.3/2 2.3/3 3.6/38 1.4 18/28 9.4/11 1.4/6 1.2/6 3.6/4 1.2/3		464	473 478 480 483 486.8							
					571	486.8	488.2	1.4	.32	.94	.18		
						488.2	491.0						
						491	502						
						502	508						
						508	514						
						514	518						
						518	521						
521.8	539 <i>537.5 m</i>	QUARTZ-SERICITE PHYLLITE. Light grey, thin banded, moderately altered and fractured, narrow shears. Core broken up. Negligible sulphides. Core angles: 75° at 521'; 70° at 522-530'; 65° at 533'	3.5/4 0.7/5 2.5/5 3.5/4		521	525 530 535	525	530					
539	553 <i>551.5 m</i>	FAULT ZONE with graphitic "Hangwall" and Sericite "Footwall" Rock highly sheared or pulverized. Slickenside noted. Most of the material loosely cemented. Sericite bleached to tan-white or buff color. 539-544' graphitic, 544-543 sericitic. Negligible sulphides. Cored except well.	2.2/4 2.5/25 2/2.5 4.5/5		539	543 545.5 548 553	543	545.5					

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

 D.D.H. No. A - 31 PAGE 4 of 5

LATITUDE _____

BEARING OF HOLE _____

STARTED _____



CLAIM No. _____

DEPARTURE _____

DIP OF HOLE _____

COMPLETED _____

DIRECTION AND DISTANCE FROM _____

ELEVATION _____

DIP TESTS _____

 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
553	571	SULPHIDE ZONE within Fault Zone. Massive pyritic zone with lead-zinc mineralization. Lead-zinc occur as fine disseminations mainly also as blebs and bands in pyrite quartz matrix. Note fine, light brown mineralization - may be carbonate or sphalerite. Sphalerite generally medium brown color. Chalcopyrite not noted. 0.1% pyrrhotite occur in scattered concentrations. 0.5% magnetite occur as fine disseminated locally and often as thin bands locally. Zone locally brecciated from 553-567' sulphide breccia recemented by sulphide and quartz hard, massive rock; from 567-571' the sulphide breccia is not as firmly recemented and is also inter-fingered with sericite of variable degree of shearing and brecciation. Upper contact at 30° to core, lower contact brecciated. Other shear planes vary from 10-30°. 553 - 567' : 65 pyrite, 10(?) lead + zinc 567 - 571' : average 45 pyrite, 3 lead + zinc Core angles: 50-55° at 555'; 40° at 557'; 50° at 560-566'; 60° at 567'	5.8	572	553	559	1.8 6.0	4.58	4.86	1.76			8.244	8.748	3.168
			4.9	573	559	564	5.0'	3.90	3.60	1.29		4.85	5.40	1.975	
			3.0	574	564	567	3.0'	3.38	2.76	1.15		3.042	2.48	1.055	
			3.7	575	567	571	4.0'	.64	.34	.44		0.768	0.408	0.528	
				WT HU	559	567	8.0'	3.71	3.29	1.22	(52.2)				
				WT A.	553	564	11.0'	4.20	4.22	1.52	(52.2)				
					563	567	4.0'	4.08	3.96	1.06	(50.4)				
							16.11'								
571	578	FAULT ZONE in Quartz-Sericite-Graphite Phyllites. Fault zone similar to footages 539-553' except all in grey phyllite, approximately 20% sericite and 3% graphite. Cored exceptionally well.	6.7/7		571	578									
578	654	QUARTZ-GRAPHITE PHYLLITE. Black with grey quartzose bands, thinly laminated mainly. A few fractures. Minor blebs pyrrhotite and blebs and streaks pyrite. Rock contains many small shears from 578-687', fissile, broken core, some gouge. 20-25% graphite. Gentle folds accompanied by many slips from 587-657'. Core angles: 70° at 581-583'; 50° at 586'; 65° at 587-593'; 80° at 594'; 60° at 595'; 55° at 602'; 85° at 603'; 65° at 604'; 80° at 606-614'; 65° at 615'; 85° at 617'; 70-75° at 618-624'; 30° at 625'; 60° at 627'; 80° at 628'; 70° at 630-649'; 60° at 649'; 50° at 651'; 70° at 652'	2.5/3		578	581									
			3/6		581	587									
			21/21		587	608									
			4.5/6		608	614									
			40/40		614	654									

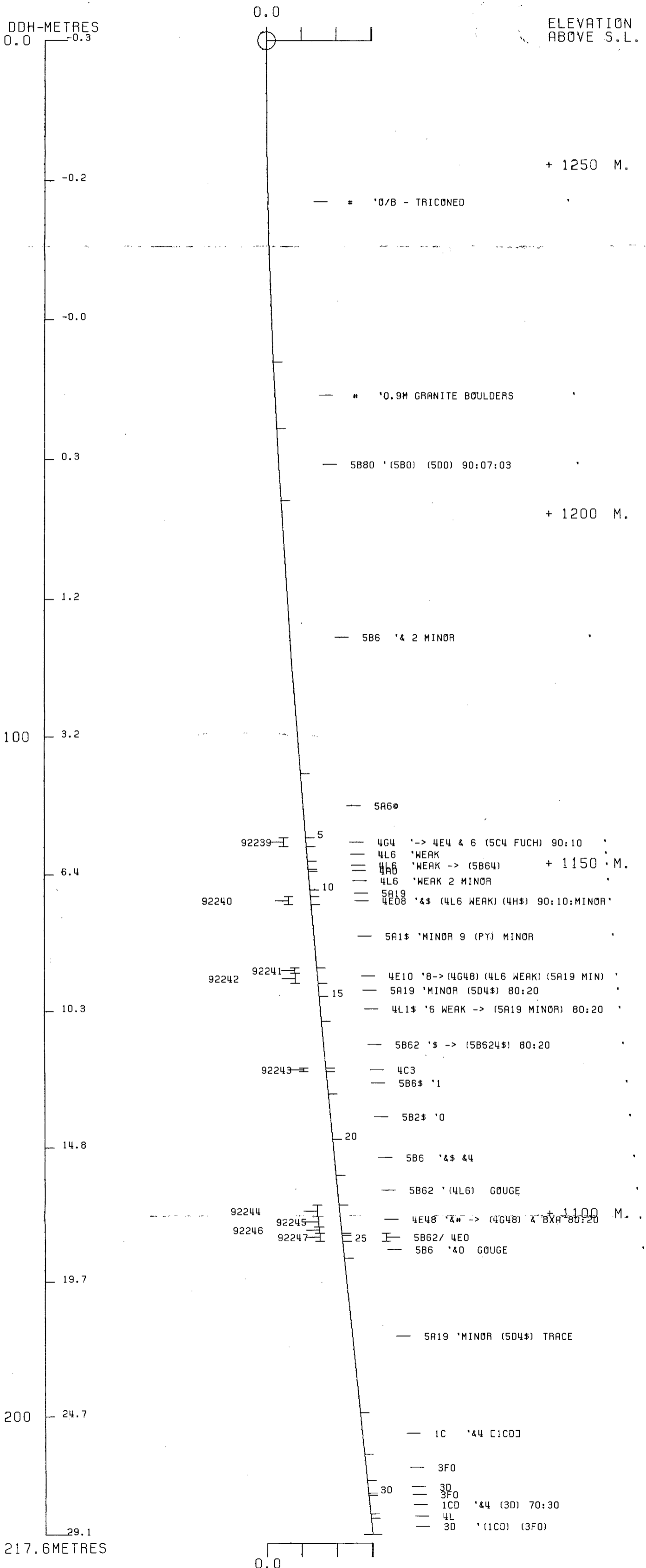
MX 50

SC

288 341

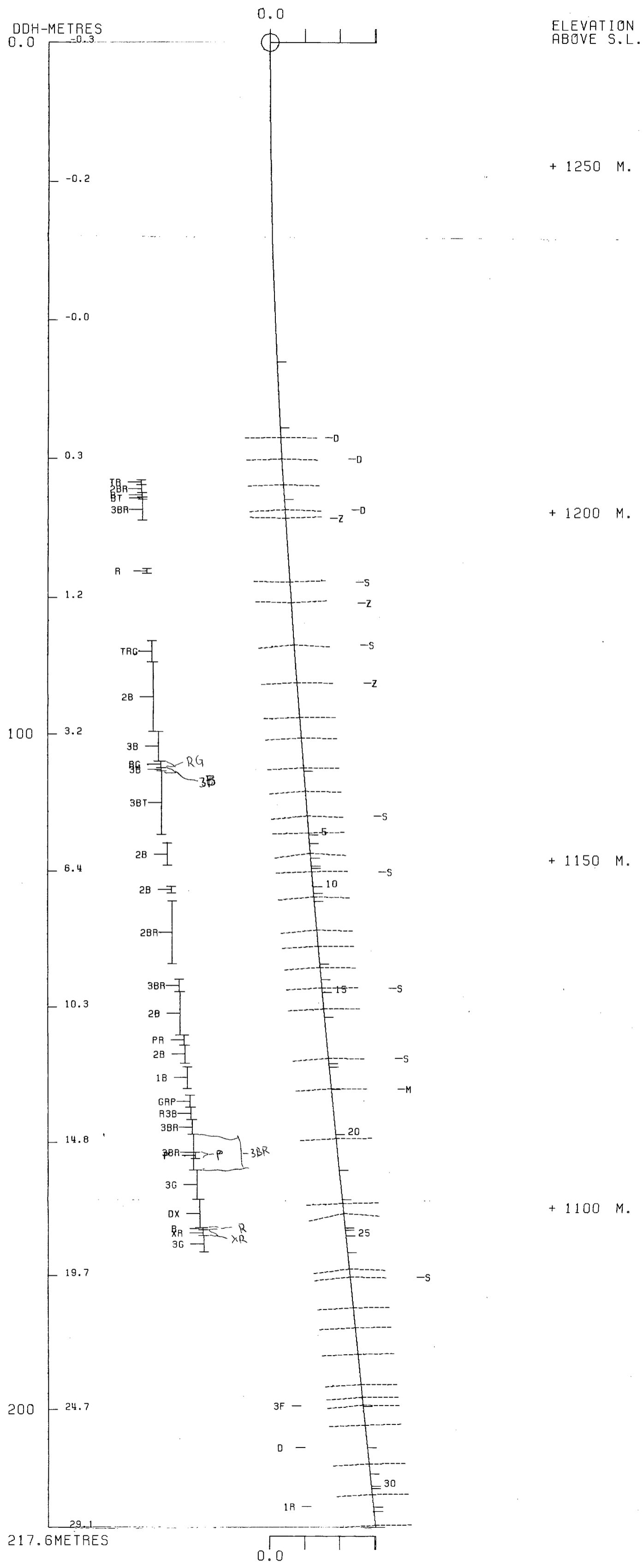
DDH: FAGA031 -- 132 DEGREE PROFILE (VIEW AZIMUTH = 42 DEGREES)

ELEV: 1268 592533E ; 904617N
 PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2
 CORRECTED COLLAR POSITION: X = 879.0 Z = 1267.6
 SECTION NAME: 00N



DDH: FAGA031 -- 132 DEGREE PROFILE
 (VIEW AZIMUTH = 42 DEGREES)

ELEV: 1268 592533E ; 904617N
 PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2
 CORRECTED COLLAR POSITION: X = 879.0 Z = 1267.6
 SECTION NAME: 00N



FAGA032

DRILL HOLE : FAGA032
NORTHING : 905,023.4
EASTING : 592,082.3
ELEVATION : 1,304.4
TOTAL DEPTH : 359.1
SECTION : W 80
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
CHD CALC: 1
SS CALC: 0

DETAIL RECORD COUNTS:

NOS ORE-SAMPLES: 28
NOS DOWN-H-SURVEYS: 6
NOS DOWN-H-LITHCLOGY: 95
NOS DOWN-H-STRUCTURE: 76
NOS DOWN-H-FAULTS: 8
NOS DOWN-H-SPLINES: 6
NOS COMPOSITES: 0

14JUL83 GRUM

ORE SAMPLES & ASSAYS (DH020)

PAGE: 20

DDH: FAGA032 UTM-N: 905,023.4 UTM-E: 592,082.3 UTM-ELEV: 1,304.4 TOTAL DEPTH: 359.1 SECTION: W 80
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 0

---DEPTHS---		SAMPLE NO.	INT.	REC.	ROCK UNIT	S.G. PULP	ASSAYS													
FROM	TO						CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
156.3	158.8	08304	2.5	2.5	4E184	3.80	.19	3.00	4.00	46.00		.41	8	15	24					
242.8	244.6	08305	1.8	1.8	4DEG	4.21	.19	4.90	7.70	120.00		1.37	1	23	24					
284.0	285.2	08306	1.2	1.2	4A0	3.04	.05	1.72	3.20	36.00		.55	3	5	9					
285.2	286.2	08307	1.0	1.0	4E46	4.56	.28	4.70	5.40	82.00		1.92	1	28	29					
286.2	288.0	08308	1.8	1.7	4C5	3.40	.13	.67	.92	20.00		.62	4	15	19					
288.0	289.8	08309	1.8	1.8	4C5	3.51	.22	1.11	1.22	25.00	23.00	.82	6	16	23					
289.8	292.1	08310	2.3	2.3	4C5	3.40	.15	.93	1.28	20.00		.41	6	14	20					
292.1	293.3	08311	1.7	1.7	4A0	3.24	.14	.16	.36	10.00		.34	3	13	17					
293.3	295.6	08312	1.8	1.8	4CAE	3.82	.21	1.72	1.74	33.00		.75	5	20	26					
295.6	297.7	08313	2.1	2.1	4CAE	3.41	.15	.85	.76	23.00		.75	3	15	18					
297.7	299.7	08314	2.0	2.0	4A0	3.28	.18	.32	.79	16.00		.75	2	13	16					
299.7	301.2	08315	1.5	1.5	4C8	3.40	.19	1.24	1.59	24.00		1.58	8	11	20					
301.2	302.7	08316	1.5	1.5	4C8	3.77	.19	1.73	2.06	32.00		.82	4	17	22					
302.7	304.8	08317	2.1	2.1	4A0	3.65	.18	.11	.33	10.00		.96	3	9	13					
304.8	306.6	08318	1.8	1.8	4A0	3.24	.14	.17	.31	13.00		.82	3	11	14					
306.6	308.4	08319	1.8	1.8	4A0		.14	.11	.40	10.00										
308.4	310.2	08320	1.8	1.8	4A0		.17	.11	.22	9.00										
310.2	312.1	08321	1.9	1.9	4A0		.17	.12	.34	8.00										
312.1	313.9	08322	1.8	1.8	4A0		.11	.11	.33	8.00										
313.9	315.7	08323	1.8	1.8	4A0		.14	.12	.68	9.00										
315.7	317.6	08324	1.9	1.9	4A0		.15	.15	.71	10.00										
317.6	319.4	08325	1.8	1.8	4A0		.16	.20	.24	14.00										
319.4	321.2	08326	1.8	1.8	4A0		.15	.13	.63	10.00										
321.2	323.0	08327	1.8	1.8	4A0		.12	.17	.58	9.00										
323.0	324.9	08328	1.9	1.9	4A0		.23	.10	.14	9.00										
324.9	326.7	08329	1.8	1.8	4A0		.14	.69	1.01	16.00										
326.7	328.0	08330	1.3	1.3	4A0		.06	.73	1.07	17.00										
328.0	329.8	08331	1.8	1.8	4AE		.13	1.16	1.04	27.00										

WEIGHTED AVERAGE

156.3	158.8		2.5	2.5		3.80	.19	3.00	4.00	46.00		.41	8	15	24					
242.8	244.6		1.8	1.8		4.21	.19	4.90	7.70	120.00		1.37	1	23	24					
284.0	329.8		45.8	45.7		1.72	.15	.64	.92	17.73	.90	.39	2	7	9					

14 JUL 83 GRUM

DOWN-HOLE SURVEYS (DH020)

PAGE: 21

DDH: FAGA032 UTM-N: 905,023.4 UTM-E: 592,082.3 UTM-ELEV: 1,304.4 TOTAL DEPTH: 359.1 SECTION: W 80
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 0

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
61.000	176.000	45.000
121.900	177.000	103.000
182.900	178.000	48.000
243.300	174.600	64.000
353.600	176.400	94.000

14JUL83 GRUM

DOWN-HOLE LITHOLOGY (DHO20)

PAGE: 22

DDH: FAGA032 UTM-N: 905,023.4 UTM-E: 592,082.3 UTM-ELEV: 1,304.4 TOTAL DEPTH: 359.1 SECTION: W 80
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 0

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
3.4	0001	#		0.0	1
29.9	0002	580		0.0	1
30.1	0003	503		0.0	1
31.4	0004	580		0.0	1
32.6	0005	503		0.0	1
38.5	0006	580		0.0	1
39.4	0007	503		0.0	1
40.8	0008	580		0.0	1
41.5	0009	503		0.0	1
49.1	0010	580	8*	0.0	1
50.5	0011	5A3		0.0	1
64.8	0012	580	8* MINOR	0.0	1
71.8	0013	503		0.0	1
78.4	0014	580	[586\$]	0.5-	1
81.2	0015	504	->504*	0.5-	1
82.2	0016	586	(504*)	0.5-	1
88.0	0017	504	->5043*	0.5-	1
87.4	0018	580	[586\$]	0.5-	1
94.9	0019	580	->582	0.5-	1
97.2	0020	5A3	[5E2]	0.0	1
97.4	0021	503		0.0	1
101.3	0022	5A3	[5E2]	0.0	1
102.0	0023	503		0.0	1
105.0	0024	5A3	[5E2]	0.0	1
112.4	0025	580		0.0	1
112.6	0026	503		0.0	1
117.6	0027	580		0.0	1
120.5	0028	5A3	[5E2]	0.0	1
120.8	0029	503		0.0	1
127.3	0030	580		0.0	1
128.4	0031	5A6		0.0	1
129.2	0032	586		0.0	1
129.7	0033	504	->5043	0.5-	1
135.6	0034	586*		0.0	1
137.2	0035	504		0.5-	1
138.4	0036	5A6		0.0	1
139.1	0037	504		0.0	1
148.1	0038	586		0.0	1
148.4	0039	4L0	32	0.0	1
151.4	0040	5A6		0.0	1
152.0	0041	4L0		0.0	1
158.4	0042	5A6	(586) MINOR	0.0	1
158.9	0043	4E14	->4E184 [40E]	0.5-	1
159.2	0044	4L0		0.0	1
162.0	0045	586		0.0	1
163.4	0046	504	->5043	0.5-	1
170.2	0047	580\$		0.0	1
174.8	0048	588	->5883	0.5-	1
175.3	0049	503		0.0	1
179.6	0050	580	[580\$]	0.5-	1
179.9	0051	503		0.0	1

14JUL83 GRUM

DOWN-HOLE LITHOLOGY (DH020)

PAGE: 23

DDH: FAGA032 UTM-N: 905,023.4 UTM-E: 592,082.3 UTM-ELEV: 1,304.4 TOTAL DEPTH: 359.1 SECTION: W 80
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 0

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
182.9	0052	580	(5D3) MINOR	0.5-	1
183.4	0053	5D3		0.0	1
193.7	0054	588	->5883	0.5-	1
200.3	0055	5D3		0.0	1
202.8	0056	5880		0.5-	1
205.6	0057	5D0	(5880) G.E. & H.	0.5-	1
225.0	0058	586	82 (586[3G0])(5820) 80:15:05	0.5-	1
225.4	0059	5D4\$	->5D43\$	0.5-	1
228.4	0060	5826	[3G9]	0.5-	1
228.7	0061	5D4\$	->5D43\$	0.5-	1
231.2	0062	5862	[3G9]	0.5-	1
231.5	0063	5D4\$	->5D43	0.5-	1
231.8	0064	5862		0.5-	1
232.0	0065	5D4\$	->5D43	0.5-	1
242.9	0066	5862	8\$ [3G9\$] MARKER?	0.5-	1
243.2	0067	4D0		0.0	1
244.0	0068	5D4*		0.5-	1
244.6	0069	4E6	->4E64	0.5-	1
245.5	0070	5A\$	(3G9\$)	0.5-	1
249.0	0071	3G0		0.5-	1
253.3	0072	5D0		0.5-	1
263.8	0073	3G9	->3G0	0.5-	1
265.2	0074	5D0		0.5-	1
267.3	0075	582	->5826	0.5-	1
267.7	0076	5D0		0.5-	1
270.4	0077	580		0.5-	1
271.0	0078	5D0		0.5-	1
273.0	0079	580		0.5-	1
274.5	0080	5D0		0.5-	1
284.1	0081	580\$		0.5-	1
285.3	0082	4A0		0.5-	1
286.2	0083	4E4	->4E46	0.5-	1
292.2	0084	4C5	->4A0 (4E0) MINOR	0.5-	1
293.8	0085	4A0		0.5-	1
297.8	0086	4C83	->4E18 (4A0) 60:40	0.5-	1
299.8	0087	4A0		0.5-	1
302.8	0088	4C8	(4A0)(4E8) BOTH MINOR	0.5-	1
311.9	0089	4A0		0.5-	1
314.1	0090	4A0	(4L0) 70:30	0.5-	1
328.1	0091	4A0		0.5-	1
328.7	0092	4E1	8XA	0.5-	1
329.9	0093	4A0	->58619 (4L0) 70:30	0.5-	1
339.1	0094	582\$	83 MAPKER	0.5-	1
359.2	0095	582	->5823 86	0.5-	1

14JUL83 GRUM

DOWN-HOLE STRUCTURE (DH020)

PAGE: 24

DOH: FAGA032 UTM-N: 905,023.4 UTM-E: 592,082.3 UTM-ELEV: 1,304.4 TOTAL DEPTH: 359.1 SECTION: W 80
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 OHD CALC: 1 SS CALC: 0

DOH	F DEPTH	T DEPTH	FEAT	SYMTRY	SO ANGLE	DIRECT	S1 ANGLE	DIRECT	S2 ANGLE	DIRECT	RFE COE	DHDC	SOC	PROCESS
FAGA032	0.0	10.7	CS2		0	0	0	0	75	230	G	1	0	0
FAGA032	0.0	15.5	CS2		0	0	0	0	81	230	O	1	0	0
FAGA032	3.4	18.7	CS2	Z	0	0	0	0	0	0	C	1	0	0
FAGA032	0.0	21.6	CS2		0	0	0	0	71	230	C	1	0	0
FAGA032	0.0	27.7	CS2		0	0	0	0	70	230	O	1	0	0
FAGA032	0.0	33.8	CS2		0	0	0	0	79	230	C	1	0	0
FAGA032	0.0	39.0	CS2		0	0	0	0	75	230	C	1	0	0
FAGA032	0.0	45.1	CS2		0	0	0	0	85	230	O	1	0	0
FAGA032	0.0	51.2	CS2		0	0	0	0	83	230	O	1	0	0
FAGA032	0.0	57.3	CS2		0	0	0	0	79	230	O	1	0	0
FAGA032	18.7	57.6	CS2	S	0	0	0	0	0	0	O	1	0	0
FAGA032	0.0	63.4	CS2		0	0	0	0	75	230	C	1	0	0
FAGA032	57.6	64.9	CS2	Z	0	0	0	0	0	0	O	1	0	0
FAGA032	0.0	69.5	CS2		0	0	0	0	77	230	C	1	0	0
FAGA032	0.0	75.3	CS2		0	0	0	0	57	230	C	1	0	0
FAGA032	64.9	78.5	CS2	S	0	0	0	0	0	0	O	1	0	0
FAGA032	0.0	81.4	CS2		0	0	0	0	73	230	O	1	0	0
FAGA032	78.5	87.4	PS2	P	0	0	0	0	74	230	C	1	0	0
FAGA032	0.0	93.9	CS2		0	0	0	0	78	230	C	1	0	0
FAGA032	37.4	99.5	CS2	S	0	0	0	0	83	230	G	1	0	0
FAGA032	99.5	102.7	CS2	Z	0	0	0	0	0	0	O	1	0	0
FAGA032	0.0	106.2	CS2		0	0	0	0	84	230	O	1	0	0
FAGA032	0.0	112.2	CS2		0	0	0	0	80	230	C	1	0	0
FAGA032	0.0	118.3	CS2		0	0	0	0	85	230	O	1	0	0
FAGA032	102.7	121.6	CS2	S	0	0	0	0	0	0	O	1	0	0
FAGA032	0.0	124.4	PS2		0	0	0	0	77	230	O	1	0	0
FAGA032	121.6	125.9	PS2	P	0	0	0	0	0	0	O	1	0	0
FAGA032	0.0	130.5	CS2		0	0	0	0	78	230	O	1	0	0
FAGA032	125.9	133.5	CS2	S	0	0	0	0	0	0	C	1	0	0
FAGA032	0.0	135.9	PS2		0	0	0	0	64	230	C	1	0	0
FAGA032	133.5	139.1	PS2	P	0	0	0	0	0	0	O	1	0	0
FAGA032	139.1	142.3	CS2	Z	0	0	0	0	69	230	C	1	0	0
FAGA032	0.0	148.4	PS2		0	0	0	0	67	230	O	1	0	0
FAGA032	0.0	153.6	PS2		0	0	0	0	56	230	O	1	0	0
FAGA032	142.3	159.2	PS2	P	0	0	0	0	82	230	C	1	0	0
FAGA032	159.2	162.3	CS2	D	0	0	0	0	0	0	C	1	0	0
FAGA032	0.0	164.9	CS2		0	0	0	0	70	230	C	1	0	0
FAGA032	152.3	166.4	CS2	M	0	0	0	0	0	0	C	1	0	0
FAGA032	0.0	171.5	CS2		0	0	0	0	77	230	O	1	0	0
FAGA032	0.0	177.5	CS2		0	0	0	0	73	230	C	1	0	0
FAGA032	0.0	183.5	CS2		0	0	0	0	78	230	C	1	0	0
FAGA032	0.0	189.6	CS2		0	0	0	0	82	230	O	1	0	0
FAGA032	0.0	195.7	CS2		0	0	0	0	77	230	C	1	0	0
FAGA032	0.0	201.8	CS2		0	0	0	0	70	230	O	1	0	0
FAGA032	166.4	207.0	CS2	Z	0	0	0	0	65	230	O	1	0	0
FAGA032	0.0	213.7	CS2		0	0	0	0	85	230	C	1	0	0
FAGA032	207.0	219.6	CS2	M	0	0	0	0	70	230	O	1	0	0
FAGA032	0.0	225.6	CS2		0	0	0	0	65	230	O	1	0	0
FAGA032	0.0	231.6	CS2		0	0	0	0	72	230	O	1	0	0
FAGA032	219.6	237.1	CS2	S	0	0	0	0	65	230	C	1	0	0
FAGA032	237.1	243.4	CS2	Z	0	0	0	0	60	230	O	1	0	0

14JUL83 GRUM

DOWN-HOLE STRUCTURE (DHO20)

PAGE: 25

DDH: FAGA032 UTM-N: 905,023.4 UTM-E: 592,082.3 UTM-ELEV: 1,304.4 TOTAL DEPTH: 359.1 SECTION: W 80
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHO CALC: 1 S5 CALC: 0

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	DIRECT	S1 ANGLE	DIRECT	S2 ANGLE	DIRECT	RFE	CDE	DHDC	SDC	PROCESS
FAGA032	0.0	249.3	PS2		0	0	0	0	78	230	0		1	0	0
FAGA032	0.0	255.9	PS2		0	0	0	0	78	230	0		1	0	0
FAGA032	0.0	261.8	PS2		0	0	0	0	81	230	0		1	0	0
FAGA032	0.0	267.9	PS2		0	0	0	0	81	230	0		1	0	0
FAGA032	0.0	274.0	PS2		0	0	0	0	82	230	0		1	0	0
FAGA032	243.4	276.5	PS2	P	0	0	0	0	0	0	0		1	0	0
FAGA032	0.0	279.5	CS2		0	0	0	0	71	230	C		1	0	0
FAGA032	275.5	284.1	CS2	M	0	0	0	0	0	0	C		1	0	0
FAGA032	0.0	285.6	S2		0	0	0	0	65	230	C		1	0	0
FAGA032	0.0	292.0	S2		0	0	0	0	78	230	0		1	0	0
FAGA032	0.0	298.1	S2		0	0	0	0	72	230	0		1	0	0
FAGA032	0.0	304.2	S2		0	0	0	0	77	230	0		1	0	0
FAGA032	0.0	310.3	S2		0	0	0	0	85	230	0		1	0	0
FAGA032	0.0	315.8	S2		0	0	0	0	75	230	C		1	0	0
FAGA032	0.0	322.2	S2		0	0	0	0	67	230	C		1	0	0
FAGA032	0.0	327.7	S2		0	0	0	0	79	230	0		1	0	0
FAGA032	0.0	329.5	PS2	P	0	0	0	0	76	230	0		1	0	0
FAGA032	224.1	333.5	PS2	P	0	0	0	0	0	0	C		1	0	0
FAGA032	0.0	335.6	CS2		0	0	0	0	75	230	0		1	0	0
FAGA032	333.5	340.2	CS2	S	0	0	0	0	0	0	0		1	0	0
FAGA032	0.0	341.7	CS2		0	0	0	0	71	230	0		1	0	0
FAGA032	340.2	344.3	CS2	Z	0	0	0	0	0	0	0		1	0	0
FAGA032	0.0	347.8	CS2		0	0	0	0	76	230	0		1	0	0
FAGA032	0.0	354.5	CS2		0	0	0	0	60	230	0		1	0	0
FAGA032	344.3	359.2	CS2	M	0	0	0	0	63	230	0		1	0	0

14JUL83 GRUM

DOWN-HOLE FAULTS (DHO20)

PAGE: 26

DDH: FAGA032 UTM-N: 905,023.4 UTM-E: 592,082.3 UTM-ELEV: 1,304.4 TOTAL DEPTH: 359.1 SECTION: W 80
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 0

DDH	F DEPTH	T DEPTH	FEAT REC CD	PARLL	UPPER PLANE	INTERNAL PLANE	LOWER PLANE	DHD
FAGA032	74.9	78.4	RP	S2	0	0	0	1
FAGA032	127.7	127.8	B-	S2	0	0	0	1
FAGA032	0.0	134.5	G		0	0	0	3
FAGA032	136.2	137.4	G		0	0	0	3
FAGA032	143.8	144.1	G		0	0	0	3
FAGA032	150.6	151.1	G		0	0	0	3
FAGA032	156.3	158.8	N		0	0	0	3
FAGA032	161.5	162.0	G		0	0	0	3

CYPRUS ANVIL MINING CORPORATION

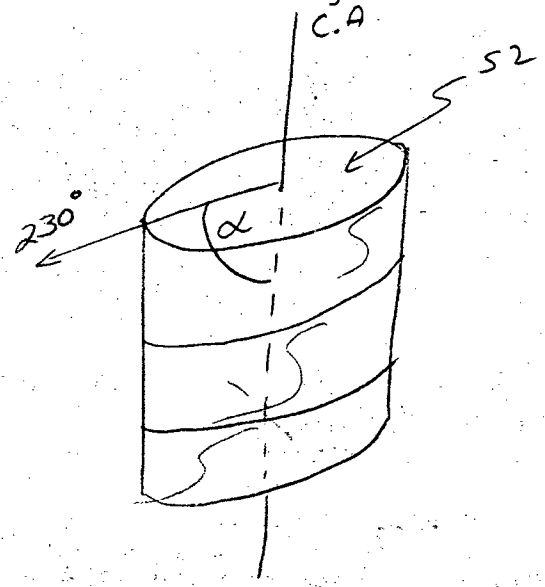
DIAMOND DRILL CORE LOG

Hole Number: 74-A032

Fabric Orientation Diagram:

Project: GRUM RE-LOG

Location: VANGORDA PLAT



Claim: _____

UTM Terr. Plane Co-ords.: 6,905,023.4 N

1979 HIW Survey Co-ords.: 592,082.3 E

Grid Co-ords.: 80 W / 0 N

1979 HIW Survey Elevation: 1304.42

All symmetry determinations looking

NW with 52 dipping

SW with dip azimuth 230°

Total Depth: _____

Purpose: _____

Re Logged by: DJH

Date(s) Logged: _____

Drilling Contractor:	Core:	Size	From	To	Collar Cased and Capped:
	<u>BW</u>	<u>0</u>	<u>18</u>		
	<u>BQ</u>	<u>18</u>	<u>1178.5</u>		

Started: 27/8/74 Completed: 1/9/74

Lithologic Log

Logged By: DTH

Code	From ft		To ft		Unit			Code	Description
	10	14	16	20	22	23	25			27
L	1100		1110		11			#	O/B
L	1110		1198		12	5	B	10	weakly calc.
L	1198		1198		13	5	D	13	
L	1198		1103		14	5	B	10	as unit 2
L	1103		1107		15	5	D	13	
L	1107		1126		16	5	B	10	mod. ly calc.
L	1126		1129		17	5	D	13	
L	1129		1133		18	5	B	10	as unit 6
L	1133		1136		19	5	D	13	
L	1136		1161		10	5	B	10	CaCO ₃ + Fe, Mg CO ₃ ⁼
L	1161		1165		11	5	A	13	
L	1165		1212		12	5	B	10	as unit 10; mainly CaCO ₃ ⁼
L	1212		1235		13	5	D	13	
L	1235		1257		14	5	B	10	Fe, Mg CO ₃ ⁼ ; rubble & lost core 246-257.3
L	1257		1266		15	5	D	4	→ 5D43; no sdes; Fe, Mg CO ₃ ⁼ ; red Fe stain on weathered surface.
L	1266		1269		16	5	B	16	w/ minor 5D43
L	1269		1282		17	5	D	4	→ 5D43; CaCO ₃ + Fe, Mg CO ₃ ⁼ ; → 5D3 locally
L	1282		1286		18	5	B	10	Fe, Mg CO ₃ ⁼ ; minor w.m. alt.
L	1286		1311		19	5	B	10	→ 5B2 locally; v. weakly calc.
L	1311		1319		20	5	A	13	extremely calc.
L	1319		1319		21	5	D	13	
L	1319		1332		22	5	A	13	as unit 20
L	1332		1334		23	5	D	13	w/ minor 5A
L	1334		1344		24	5	A	13	as units 20 & 22
L	1344		1368		25	5	B	10	
L	1368		1369		26	5	D	13	
L	1369		1385		27	5	B	10	
L	1385		1395		28	5	A	13	as units 20, 22 & 24
L	1395		1396		29	5	D	13	
L	1396		1417		30	5	B	10	mod. calc.
L	1417		1421		31	5	A	16	
L	1421		1423		32	5	B	16	
L	1423		1425		33	5	D	4	→ 5D43; as unit 15
L	1425		1445		34	5	B	16	minor Fe, Mg CO ₃ ⁼ ?

Lithologic Log

Logged By: DJH

Depth (m)	From		To		Unit	Code	Description
	10	14	16	20				22	23	25	27
144.50			145.00		315	5C4 5D4	w/ mariposite; soft, punky core; altered 5D (mottled)
145.00			145.40		316	5A16	w/ minor 5B
145.40			145.65		317	5D14	as units 15833
145.65			147.94		318	5B16	
147.94			148.70		319	4L10	w/ minor mass py. bands
148.70			149.67		410	5A16	some gouge & broken core gouge indeterminate
149.67			149.88		411	4L10	
149.88			151.30		412	5A16	w/ minor 5B
151.30			152.13		413	4E11	→ 4E18 or 4D8 not quite 4E too siliceous
152.13			152.27		414	4L10	→ core missing here (~25') don't know whether not rec'd or marking error //
152.27			153.16		415	5B16	gouge 530-531.6
153.16			153.60		416	5D14	→ 5D43 as units 15, 33, 37
153.60			155.83		417	5B10	Ca, Fe, Mg CO ₃ ⁻ ; minor 5D @ TOF.
155.83			157.36		418	5B18	chl → musc (is this 5D?); 5B83
157.36			157.50		419	5D13	
157.50			158.91		510	5B10	Ca, Fe, Mg CO ₃ ⁻
158.91			159.01		511	5D13	
159.01			160.00		512	5B10	CaCO ₃ ; minor 5D3 bands.
160.00			160.17		513	5D13	
160.17			164.20		514	5B18	→ 5B83; chl → musc
164.20			165.70		515	5D13	
165.70			166.55		516	5B10	1782 check 3 "5B80"
166.55			167.44		517	5D13	"500 (5B80)" GEH
167.44			173.81		518	5B12	→ 5B26 w/ minor 5A3 bands " (5B62) 70% (5B5 (369)) 10-15% (5B20) can't call FM.
173.81			173.95		519	5D14	* → 5D43 ✓
173.95			174.93		610	5A10	"5B26 [369]" no CO ₃
174.93			175.03		611	5D14	* → 5D43 dol
175.03			175.86		612	5A16	→ 5A61 "5B62 [369]" looks like 6 but want to
175.86			175.94		613	5D14	* → 5D43 ✓
175.94			176.04		614	5A16	→ 5A61 "5B62"
176.04			176.12		615	5D14	* → 5D43 ✓
176.12			179.16		966	5A10	* "5B62 ± x dol [369 ± x]" "103 + 20" is excellent 369 x dol 67%
179.16			179.80		617	4D10	
179.80			180.05		618	4L10	w/ mariposite; altered 5D? 5D4X
180.05			180.26		619	4E16	→ 4E64 fuchsite 75%

July 10
log

± 8

74-46690
5A033
-73B
369 x dol
± 8
A6 ± 4
dol

369 (59 x dol)

Code	From	To	Unit	Code	Description
	10 14 16	20 22 23 25 27			
L	18026	18170	710	5B12	→ 5B26 w/minor 5A ^{802.6-805.6-5A*date} 360+ (349)
L	18170	18310	711	5B18	→ 5B83 ; chl > musc. ; could be 5D3?
L	18310	18655	72	5B12	→ 5B26
L	18655	18702	713	5D13	
L	18702	18770	74	5B12	→ 5B26
L	18770	18783	75	5D13	
L	18783	18873	76	5B10	
L	18873	18890	77	5D13	
L	18890	18956	78	5B10	
L	18956	19005	79	5D13	
L	19005	19320	810	5B10	Ca, Fe, Mg CO ₃
L	19320	19360	81	4A0	
L	19360	19390	82	4E4	→ 4E46
L	19390	19585	813	4C15	→ 4A0 locally ; minor 4E bands ; 25% sdes overall partly 4A0 "phyllitic"
L	19585	19640	814	4A0	~20% sdes
L	19640	19770	815	4C1A	60:40 4C8:4A0 ; 4C8 w/ 60-70% tot. sdes (py)
L	19770	19835	816	4A0	~15% sdes
L	19835	19933	817	4C18	w/minor 4A & 4E8
L	19933	110232	818	4A0	40% sdes (py)
L	110232	110304	819	4A1	70:30 4A0:4L0
L	110304	110716	810	4A10	as unit 88 ; sde cont. dec. → FOI ; minor 4L @ E.O.I.
L	110716	110785	811	4E1	20% sil. clasts
L	110785	110823	812	4A1	70:30 4A0(5B19):4L0
L	110823	111126	813	5B12	→ 5B23 ; w/minor 4L0 and one small band 4B0 (no sdes - cherty)
L	111126	111785	814	5B12	→ 5B23 ; note: sl. brownish cast (biotite?) ; → 5A3 locally especially near top of int.
					FIQH

5D0
369(360)
5D0

4E4

4 July 82
23
marked

4E4
10
minor
5B26

Structural Log

Code	From		To		Feature	SVE	S ₁		S ₂		Description
	10	14	16	20			Dip	Direct.	Dip	Direct.	
	10	14	16	20	22	24	26	28	32	34	38
											0/B - 0-35'
				1350	CISZ				75	230	Z region 35-61.3
				1510	CISZ				81	230	
				1613	FZ3						S region 61.3-189
				1710	CISZ				71	230	
				1910	CISZ				70	230	
				1111	CISZ				79	230	
				112180	CISZ				75	230	
				114180	CISZ				85	230	
				116180	CISZ				83	230	
				118180	CISZ				79	230	
				118190	FZ2E						Z region 189-213
				120180	CISZ				75	230	
				121130	FZ3						S region 213-257.5
				122180	CISZ				77	230	
				124170	CISZ				57	230	
				125175	FZS						R region (5D) 257.5-286.5
				126170	CISZ				73	230	(one "S" observed)
				128169	FZR				74	230	S region 286.9-326.5
				130180	CISZ				78	230	
				132165	FZ2E				83	230	Z region 326.5-337
				133170	FZ3						S region 337-398.8
				134185	CISZ				84	230	
				136180	CISZ				80	230	
				138180	CISZ				85	230	
				139188	FZS						PS2 398.8-413
				140180	ASZ				77	230	
				141130	FZP						S region 413-438
				142180	CISZ				78	230	
				143180	FZS						R region 438-456.5
				144160	PISZ				64	230	
				145165	FZR						Z region 456.5-467
				146170	FZ2				69	230	PS2 467-522.2
				148170	PISZ				67	230	
				150140	PISZ				56	230	
				152122	FZP				82	230	D.D. region 522.2-532.5

Structural Log

Code	From		To		Feature	S ₁ Dip Direct.	S ₂ Dip Direct.	Description
	10	14	16	20				
S			15325	15410	FRD			M region 532.5 - 546.0
S			15410	15460	CSZ		70 230	Zrc
S			15460	15625	FRM			Z region 546.0 - 679.0
S			15625	15825	CSZ		71 230	
S			15825	16020	CSZ		73 230	
S			16020	16220	CSZ		78 230	
S			16220	16420	CSZ		82 230	
S			16420	16620	CSZ		77 230	
S			16620	16790	CSZ		70 230	
S			16790	17010	FRZ		65 230	M region 679.0 - 720.5
S			17010	17205	CSZ		85 230	- broad "3" region
S			17205	17400	FRM		70 230	S region 720.5 - 778.0
S			17400	176100	CSZ		65 230	
S			176100	17780	CSZ		72 230	
S			17780	17986	FRZ		65 230	Z region 778 - 798.6
S			17986	181180	FRZ		60 230	PSZ 798.6 - 907.0
S			181180	18395	ASZ		78 230	
S			18395	18590	PSZ		78 230	
S			18590	18790	PSZ		81 230	
S			18790	18990	PSZ		81 230	
S			18990	19070	PSZ		82 230	
S			19070	19170	FRP			M region 907.0 - 932.0
S			19170	19320	CSZ		71 230	
S			19320	19370	FRM			Impossible to determine sym
S			19370	19580	ISZ		65 230	932.0 - 1081.0 - due to
S			19580	19780	ISZ		78 230	split core and PSZ
S			19780	19980	ISZ		72 230	
S			19980	101180	ISZ		77 230	
S			101180	10360	ISZ		85 230	
S			10360	10570	ISZ		75 230	
S			10570	10750	ISZ		67 230	
S			10750	10810	ISZ		79 230	
S			10810	10940	FRP		76 230	PSZ region 1081 - 1094
S			10940	11010	FRP			S region 1094 - 1116
S			11010	11160	CSZ		75 230	
S			11160	1129.5	FRZ			Z region 1116 - 1129.5

ASSAY LOG (SAMPLER'S COPY)

Logged by _____

Date _____ Sampled by _____

CODE	FROM				TO				SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
	10	14	16	20	22	26	28	30						32	34	36	40	42
P	51	30	52	13	8304	83	83	4E18	Problem w/ 5' of missing core				
F	79	69	80	20	8305	57	57	4DE6					
P	93	20	93	60	8306	40	38	4A01					
P	93	60	93	90	8307	30	30	4E46					
P	93	90	94	50	8308	60	57	4C5					
P	94	50	95	10	8309	60	60	4C5					
P	95	10	95	85	8310	75	75	4C5					
P	95	85	96	40	8311	55	55	4A01					
F	96	40	97	00	8312	60	60	4CA					
P	97	00	97	70	8313	70	70	4CA					
P	97	70	98	35	8314	65	65	4A01					
F	98	35	98	85	8315	50	50	4C8					
P	98	85	99	33	8316	48	48	4C8					
F	99	33	100	00	8317	67	67	4A01					
P	100	00	100	60	8318	60	60	4A01					
	100	60	101	120	8319	60	59	4A01					
	101	120	101	180	8320	60	60	4A01					
	101	180	102	40	8321	60	60	4A01					
	102	40	102	300	8322	60	60	4A01					
	102	300	102	360	8323	60	60	4A01					
	102	360	102	420	8324	60	60	4A01					
	102	420	102	480	8325	60	60	4A01					
	102	480	102	540	8326	60	59	4A01					
	102	540	102	600	8327	60	60	4A01					
	102	600	102	660	8328	60	60	4A01					
	102	660	102	720	8329	60	60	4A01					
	102	720	102	764	8330	44	44	4A01					
	102	764	102	823	8331	59	59	4AE					

Feet

1076.4

Sheet list checked

DDH EAGA032
2 Feet 8

Cyprus Anvil Mining Corp.

Page _____ of _____

Structural Log

Date: _____

Logged By: DJH/DST

Code	From		To		Feature	S ₀ Dip Direct.	S ₁ Dip Direct.	S ₂ Dip Direct.	Description
	10	14 16	20	22 24 26 28						32 34	38 40	44
	12460		12573						rubble & lost core
	14870		14967						Ind. gouge of broken core.
	15113		15213						≈ 5' missing core - rec'd or marking error
	15300		15316						gouge
F	12460		12573	RP					rubble of lost core
F	14190		14195	B ₁					broken
F			14416	G ₁					gouge
F	14470		14510	G ₁					gouge 574* (5A0)
F	14720		14730	G ₁					" , gray
F	14942		14960	G ₁					" , black
F	151130		15213	N					≈ 5' missing core - rec'd or marking error
F	15300		15316	G ₁					gouge

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. A - 32 PAGE 3 of 5

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		
148.28	156.36	pyrrhotite, red sphalerite at 497.8 - 499.9 and 485.5 - 486.3' 1-2% lead zinc. Core angle: 480=75°			479.8	480.6											
486.5	513	BLACK STRIPED GRAPHITIC PHYLLITE, Minor pyrite, arsenopy, with sphalerite in quartz vein at 496.5-498' Core angle: 500=70°	98%	622	508.5	513	4.5	.09	.11	.06			.153	.187	.102		
513	521.3	MASSIVE BANDED SULPHIDE IN SERICITE-PHYLLITE. Banded sulphides (80%): Fine grained pyrite, magnetite, sphalerite, minor chalcopyrite, (in tension gashes); minor galena: 6-8 lead zinc: Core angle: 520=75°	7/5.5	623	513	518.5	5.5	1.05	2.46	.41			6.775	13.53	2.255		
521.3	674	PALE GREEN CHLORITE SERICITE PHYLLITE. Striped quartz-feldspar chlorite rich phyllite. Local buff ankerite in foliation. Good F2 foliation. Quartz feldspar laminae (2-4 mm) define F2 folds. Minor pyrite. Core angle: 540=70, 560=80, 580=77, 600=82, 620=76, 640=80, 660=70, Good F2 folds			513.0	521.3	8.3	1.79	2.74	0.69	(22.7% Ag)		4.819	22.77	5.727		
674	796.8	BLACK STRIPED GRAPHITIC PHYLLITE with a few thin horizons of buff-green chlorite sericite phyllite. Good F2 folds from 769' on. Minor pyrite blebs. Core angle: 680=65; 700=70; 720=70; 740=74; 760=64; 780=63			674.0	796.8											
796.8	802.8	SULPHIDE ZONE. BANDS OF MASSIVE PYRITE SULPHIDE, with zone of quartz-sericite-mariposite phyllite. Sulphide 90%; pyrite, red sphalerite, minor galena. 8% lead zinc. Core angle 800=63	3.7/	625	796.8	800.5	3.7	1.80	3.00	.74			2.03	3.39	0.84		
802.8	816	DARK GREY GRAPHITIC PHYLLITE	2.3/	626	800.5	802.8	2.3	5.33	8.61	3.38			3.73	6.03	2.31		
816	830.5	PALE GREY-GREEN CHLORITE-SERICITE PHYLLITE. Note brown biotite + thin net veins of quartz-feldspar. Core angle: 820=75.			796.8	802.8	6.0	3.15	5.15	1.75	(60)						
830.5	865.5	GREY STRIPED PHYLLITE. Moderately graphitic. Dominant F2 foliation. Core angle 840=68; 860=75. Minor pyrrhotite, pyrite in foliation.			796.8	806.8	10.0	1.92	3.09	1.05	wt. Ag		19.21	30.90	10.51		
					242.9	246.0	3.1	1.87	3.04	1.04			5.76	9.42	3.21		

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. A - 32 PAGE 4 of 5

LATITUDE _____ BEARING OF HOLE _____ STARTED _____ CLAIM No. _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

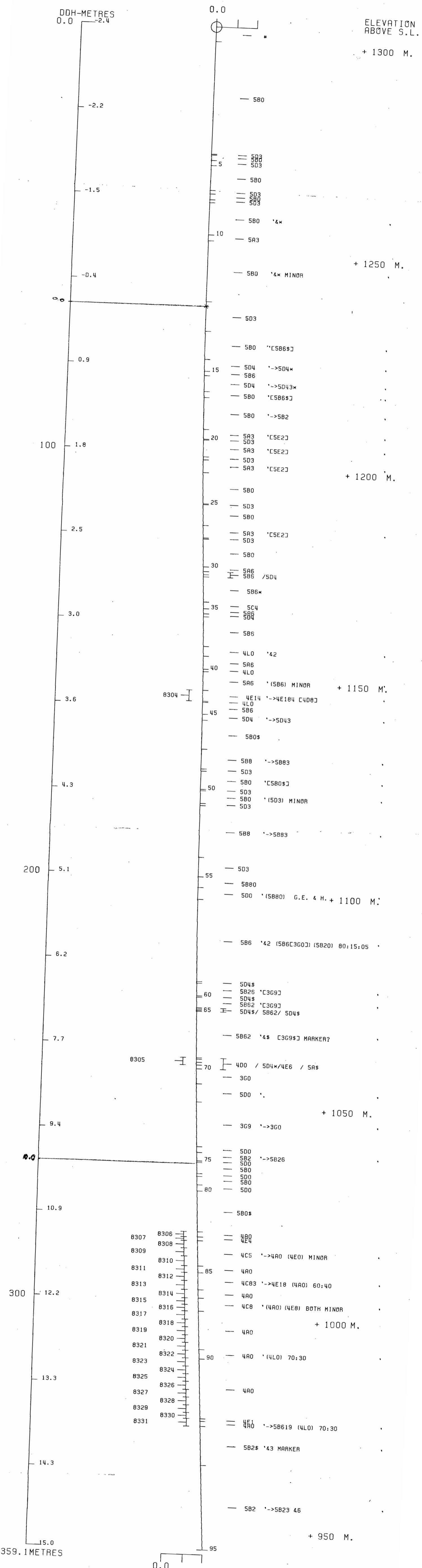
ELEVATION _____ DIP TESTS _____ DEPTH Proposed: _____ Ultimate: _____

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		
263.80	283.86	PALE GREEN STRIPED CHLORITE-SERICITE PHYLITE. Thin quartz-feldspar laminae alternate with chlorite rich laminae. Note brown biotite. Blebs of pyrite and pyrrhotite stringers. Core angles: 880=72; 900=79; 920=73															
865.5	931.3																
931.3	1080	SULPHIDE ZONE in striped quartz-feldspar GRAPHITIC of BUFF SERIES CITIC PHYLITES. Mainly striped graphite, phyllite. Mineralization: Mainly banded pyritic sulphides (60% sulphides) in quartz feldspar graphitic, or sericitic phyllites. 12-20% average 15% pyrite. Some bands of massive sulphide (3-5'). Mainly fine grained pyrite, with local pyrrhotite, magnetite, sphalerite or galena rich zones. Chalcopyrite locally quite rich; concentrated in tension gashes. Grade varies from 2 to 8 lead zinc. Local breccia zones. Core angles: 940=80; 960=63; 980=80; 1000=77; 1020=73; 1040=77; 1060=79	5/5	627	931.3	936.3	5.0	1.65	2.82	.77				2.25	14.10	3.85	
329.18			39/39	628	936.3	940.2	3.9	4.73	5.22	2.06				18.45	20.36	8.03	
			88/88	629	940.2	949	8.8	.95	.95	.59	9402-941.3/111			1.05	11.05	0.65	
			10/10	630	949	959	10	.80	1.11	.38				19.1	Pb2n		
			10/10	631	959	969	10	1.14	1.08	.59				22.2	" "		
			10/10	632	969	979	10	.68	.60	.41				12.8	" "		
			10/10	633	979	989	10	.88	1.24	.50				21.2	" "		
			5/5	634	989	994	5	1.38	1.64	.65				15.1	" "		
			10/10	635	994	1004	10	.10	.36	.15				4.6	" "		
			10/10	636	1004	1014	10	.14	.24	.15				3.8	" "		
			10/10	637	1014	1024	10	.10	.26	.18				3.6	" "		
		Note: Ribbon texture in quartz-feldspar phyllite, produced by quartz-feldspar laminae alternating with mica laminae. Rock competent, siliceous. Many small scale F2 folds. Note pyrite, pyrrhotite intergrowth - mantle	10/10	638	1024	1034	10	.12	.42	.15				5.4	" "		
			10/10	639	1034	1044	10	.14	.50	.29				6.4	" "		
			10/10	640	1044	1054	10	.13	.38	.18				5.1	" "		
			10/10	641	1054	1064	10	.13	.44	.15				6.7	" "		
			4/4	642	1064	1068	4	.10	.23	.09				1.32	" "		
			23/23	643	1068	1070.3	2.3	1.43	1.60	.59	2.08						
			28/28	644	1070.3	1073.1	2.8	.94	1.48	.47	2.42						
					1073.1	1075											
			14/14	645	1075	1076.4	1.4	1.24	1.04	.65	2.25						
			23/23	646	1076.4	1078.7	2.3	1.93	1.56	1.03	3.49						
			13/13	647	1078.7	1080	1.3	.77	.52	.44	1.25						
1080	1178.5	DARK GREY-GREEN STRIPED QUARTZ-FELDSPAR CHLORITE-BIOTITE-SERICITE GRAPHITIC PHYLITE. Note brown biotite in phyllite. Locally quite graphitic. Abundant quartz-feldspar veins and tension gashes. Excellent small-scale F2 folds.															
					941.3	949.0	7.7							14.63	Pb2n		
					931.3	941.3	10.0	2.18	3.55	1.25	4.29			21.75	35.51	12.53	
					941.3	994.0	52.7	1.99	Pb2n					105.03	Pb2n		
					994.0	1068.0	74.0	0.49	Pb2n					35.9	Pb2n		
					1080	12.0	2.22										
					1068.0	1078.0	10.7	2.58	Pb2n					26.75	Pb2n		

DDH: FAGA032 -- 132 DEGREE PROFILE (VIEW AZIMUTH = 42 DEGREES)

ELEV: 1304 592082E ; 905023N
 PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2
 CORRECTED COLLAR POSITION: X = 272.3 Z = 1304.4
 SECTION NAME: OON



DDH: FAGA032 -- 132 DEGREE PROFILE

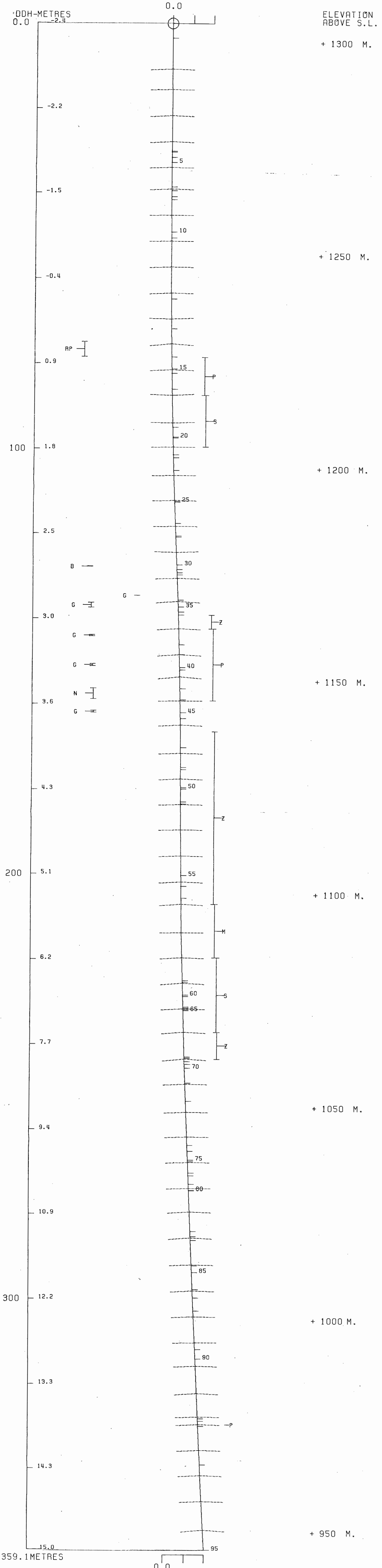
(VIEW AZIMUTH = 42 DEGREES)

ELEV: 1304 592082E ; 905023N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 272.3 Z = 1304.4

SECTION NAME: OON



FAGA051

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

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 DHD CALC: 1 SS CALC: 1

---DEPTHS---		SAMPLE NO.	INT.	REC.	ROCK UNIT	S.G. PULP	ASSAYS												
FROM	TO						CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
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	28.99	.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	8	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				

17OCT83 GRUM

DOWN-HOLE SURVEYS (DMO20)

PAGE: 34

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	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	128.500
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: 52 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*	(58\$)(10Q#)	0.5-	1
43.9	0004	58\$6	&2 (5D4*)(10Q+) 80:15:5	0.5-	1
62.6	0005	580\$	&2 (10Q*)(5D4*) 98:2:TR.	0.5-	1
66.8	0006	586*	80	0.5-	1
83.6	0007	580	(586\$)(5D4*)(10Q*)	0.5-	1
87.6	0008	580		0.5-	1
89.9	0009	5820		0.5-	1
92.2	0010	500	(10Q+) 98:02	0.5-	1
100.1	0011	580	(500)(10Q*) 97:3:TR.	0.5-	1
101.2	0012	500	(10Q*) 95:5	0.5-	1
103.4	0013	580		0.5-	1
104.0	0014	500		0.5-	1
104.7	0015	580		0.5-	1
105.8	0016	500		0.5-	1
110.9	0017	580	(10Q*) TR.	0.5-	1
111.5	0018	500	(10Q*) 95:5	0.5-	1
115.5	0019	5820	&\$(500)(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*	(586\$)	0.5-	1
147.0	0024	586\$	&2 (586&2)(10Q0) MINOR	0.5-	1
152.9	0025	580	&\$(5D4*) TR.	0.5-	1
159.7	0026	580	&2 (500)	0.5-	1
163.1	0027	5A0	&3 (5820&3)(500) 20X	0.5-	1
166.4	0028	586\$	80 (10Q*80)	0.5-	1
169.9	0029	4L0	&6&7(5864\$&2)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	&7 (10Q*) 95:5	0.5-	1
203.9	0034	586	&2 &\$(	0.5-	1
207.0	0035	4L74	&5 (5D4*) 70:30	0.5-	1
207.4	0036	5D4*		0.5-	1
207.7	0037	4L74	&5 (5D4*)	0.5-	1
210.4	0038	4G4	&# 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\$	&0&2(5D4*)(10Q0&\$(	0.5-	1
220.3	0042	58\$	80 82	0.5-	1
224.5	0043	5880	(10Q0)	0.5-	1
227.1	0044	500	(10Q*) 1X	0.5-	1
230.0	0045	5880	&\$(10Q0&\$(	0.5-	1
231.0	0046	5D40\$		0.5-	1
235.0	0047	586\$		0.5-	1
237.0	0048	58\$	80	0.5-	1
250.2	0049	5880	&\$(5D6\$) "G.E.H."	0.5-	1
253.6	0050	5820	8\$	0.5-	1
257.6	0051	5880	&\$(10Q*) 2X "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 DH0 CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
262.0	0052	580\$	&2 (10Q*) 1%	0.5-	1
267.1	0053	582	&0 &\$	0.5-	1
267.6	0054	5862	\$9 (4E4)	0.5-	1
270.7	0055	5862	&\$	0.5-	1
278.0	0056	586	&2	0.5-	1
297.5	0057	580	(5D4*)(5E0) CALC. DECS. DOWN	0.5-	1
300.5	0058	4L462	&\$ (4D485) 50:50	0.5-	1
301.0	0059	4E46		0.5-	1
301.3	0060	5C\$		0.5-	1
303.3	0061	4A0	&1	0.5-	1
304.1	0062	4D5	&\$->4A0&\$..HIGH \$, AFTER 4G??	0.5-	1
304.7	0063	5A19		0.5-	1
305.0	0064	4C\$\$	HIGH \$ A.A.	0.5-	1
307.8	0065	5A19\$	->4A0\$ (5D4*)	0.5-	1
303.2	0066	4C\$\$	HIGH \$ A.A.	0.5-	1
308.6	0067	4A0	&\$ V. MINOR	0.5-	1
312.8	0068	4C5\$	&7 &9 ->4A31\$	0.5-	1
313.8	0069	4C\$\$	->4D\$\$ (4L0) 40-50% \$ IN "4C0"	0.5-	1
324.9	0070	5B2\$	&0 (4E0)(4H0) VEINS?	0.5-	1
325.7	0071	4C\$#	*=20-30%	0.5-	1
330.4	0072	5B2\$	&0 (4E0&1&5&4&7)(4L) MINOR	0.5-	1
335.3	0073	5A69	&0 &9 (4C0)(4A31) MINOR	0.5-	1
336.3	0074	4D\$\$	3 &8	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	4C\$\$		0.5-	1
340.2	0079	5A16		0.5-	1
341.5	0080	4D5\$	(4E18)(4K0) 80:15:5 BARITE?	0.5-	1
343.2	0081	4A\$	&3 ->4C5\$: \$ MINOR	0.5-	1
343.3	0082	4E48	&6 &\$	0.5-	1
343.9	0083	4L21	4	0.5-	1
344.1	0084	4E\$	(4K0)	0.5-	1
345.0	0085	4C5\$	&7 &9 ->4A\$037&9 : \$ MINOR	0.5-	1
345.5	0086	4C\$\$	&7 &9	0.5-	1
346.1	0087	4G4		0.5-	1
347.2	0088	4C73\$	&9 BXA	0.5-	1
351.7	0089	58\$	&0	0.5-	1
367.0	0090	5820	(500) TR.	0.5-	1

DOH: 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

DOH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	DIRECT	S1 ANGLE	DIRECT	S2 ANGLE	DIRECT	RFE	CDE	DMDC	SDC	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	227.9	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	80	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

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	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	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	1B				0	0	0	1
FAGA051	0.0	64.9	G				0	0	0	1
FAGA051	0.0	83.0	G				0	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	0	99 999	1
FAGA051	218.8	219.8	BX				0	0	0	1
FAGA051	219.8	220.3	G				0	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	GF				0	0	99 999	1
FAGA051	263.0	263.6	G				99 999	0	0	1
FAGA051	270.8	270.9	G				0	0	99 999	1
FAGA051	0.0	272.2	G				0	0	99 999	1
FAGA051	0.0	273.0	G				0	0	99 999	1
FAGA051	0.0	288.9	1G				0	0	99 999	1
FAGA051	346.0	347.1	D				0	0	0	1

17OCT83 GRUM

DOWN-HOLE SPLINES (DHO20)

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.

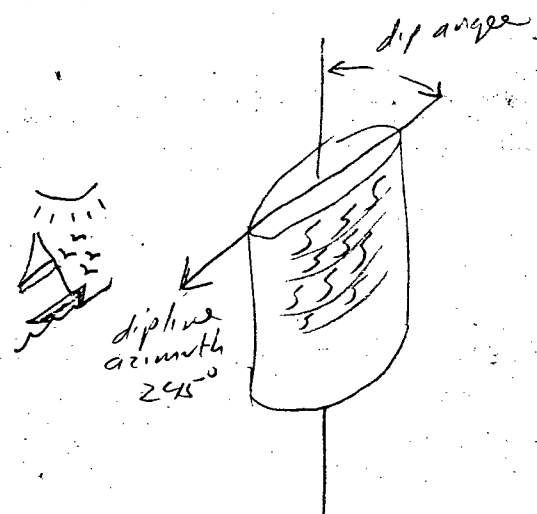
Claim: _____

Terr. Plane Co-ords.: 905104.4 N

1979 HIW Survey

591993.6 E

Grid Co-ords: _____



All symmetry determinations looking

1979 HIW Survey

Elevation: 1312.4

NW with S₂ dipping

Total Depth: 1204.0 feet

SW with dip azimuth 245°. 225 below 175m

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 F.A.S.A.051
 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	F.A.S.A.051	1131.2	491051.0	4459.1	993.6	FEET	52					

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments					
1	2	8	10	14	22	26	28	32	34	56
R	F.A.S.A.051	10.0	1810.0	10.0	A.T. COLLAR					
R	F.A.S.A.051	1210.0	173.7	187.0	CALCULATED FROM					
R	F.A.S.A.051	1310.0	173.3	177.5	A10221 + A1115					
R	F.A.S.A.051	1510.0	171.3	101.0						
R	F.A.S.A.051	1610.0	172.5	195.0						
R	F.A.S.A.051	1810.0	169.3	104.0						
R	F.A.S.A.051	11018.0	169.4	128.5						
R	F.A.S.A.051	1118.0	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	10 14 16 20 22 24 26 28 30 34 35	10 0		1	*	holly buzzard brain, fine. Helle sh + overbed
L	10 14 16 20 22 24 26 28 30 34 35	10 0		2	SB0*	dolo(SD4*) unit mangled with horrible recvy, <15' recvy, much rubble and gouge SD4* @ 10-18' very broken. 5% recvy; 18-52 = SB0* dolo with homog distrib of the CO ₂ ; major core loss at 18'-38' = 4' recvy; 38'-48' much inc p S ₂ gouge 5' recvy - major fault suspected - 48-52 = 3' recvy broken
L	10 14 16 20 22 24 26 28 30 34 35	52 0		3	SD4*	(SB*)(OP* calc) 80:5:15 badly broken, core loss suspected at 57-58' as only 9' recvd over entire interval, minor IND gouge at 57-58'
L	10 14 16 20 22 24 26 28 30 34 35	62 9		4	SB6*	dol ± 2 (SD4*)(OP*) 80:15:5 unit vary badly broken, poor recvy = 30-35' recovered inc p S ₂ gouges and gouge zones [appears to be a box of core, jumbled + stage to covering interval 69.5-112] major fault suspected 69.5-112 but jumbled core makes location uncertain
L	10 14 16 20 22 24 26 28 30 34 35	143 9		5	SB0*	dolo ± 2 (OP*) ^(SD4*) 98:2: minor unit broken but good recvy no gouge - unit is mid grey to dark grey strongly S ₂ banded sequence of dolo and calcite phyllites with CO ₂ in silty quartzose bands || to S ₂ 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	10 14 16 20 22 24 26 28 30 34 35	205 5		6	SB6i*	± 0 med grey weakly banded not striped sequence of dolo >> calc carbon bearing phyllites - calcite patchily distrib throughout interval; 3' gouge IND @ 213'
L	10 14 16 20 22 24 26 28 30 34 35	219 2		7	SB0	(SB6*dolo)(SD4* lam)(OP*) 95% SB

Lithologic Log

Date: _____ Logged By: _____

BURP

h skit

Code	From	To	Recov.	No.	Unit	Description
	10 14 18 20 22 24 26 28 30 34 35					
						unit med broken and recy - dominantly normal S30
						S11 gouge .2' thick at 272.5'
L	274.5	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	SBO	(SDO)(OP*) 97:3:tr - intact - no gouge
L	328.5	332.0		12	SDO	(OP*) 5% intact
L	332.0	339.2		13	SBO	normal - intact
L	339.2	341.3		14	SDO	intact
L	341.3	343.5		15	SBO	intact
L	343.5	347.0		16	SDO	
L	347.0	364.0		17	SBO	intact (OP*)tr normal
L	364.0	365.8		18	SDO	(OP*) 5% intact "
L	365.8	379.0		19	SB20	±* more dolomitic at EOI (SDO)(OP*) 95:5:tr intact - no gouge - homog more carbonate 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 opx rubble
L	399.0	407.0		21	SC4*	gouge and broken core no recy 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	SB2.6	? core missing interp from KA log but they didn't describe calcite or dol up hole. is uncertain whether O or * "medium grey to dark grey quartz sericite ± graphite phyllite" - Upper Greenwald
L	429.8	438.0		23	SC4*	"fuch" + dol (SB6* dol) ← 432 - 434 unit locally broken and gouged 434-437 IND

Lithologic Log

Date: _____ Logged By: _____

Code	From		To		Recov.		No.		Unit	Description	
	10	14	16	20	22	24	26	28			30	34	35
L	4380	4824							24	SB61*	±2 (SB6±2) (000) minor unit is banded is striped alternating med & dk grey with interbanded CO ₂ and non CO ₂ portions - unit badly broken & commonly pokes chips, bad recvy at 448-456 = 4' recvy 456-462 = 2.5' recvy) main problem. 462-468 = 5' recvy No gouge recovered.
L	4824	5018							25	SB0	±* dolo. crackle bxt'd 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 greys 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	SB61*	dolo. ±0 (00*±0) lt med grey with no dk grey striping and calcite < dolo. to the point where its often not there. Dolo in gtz s-lts. // S ₁ and as very fine dolo in very fine silty laminae is in background pelites
L	5460	5574							29	HL0	±6±7 (SB64*±2) 4L at top and bottom, SB64 is in under 40% unit intact and derived from SB64*±2 - all carbonate gone in 4L
L	5574	5703							30	HL74	split but ~intact with strong devel. of py po + zns pls bands // S ₂ and S ₁ = veins ??? but impart strong banding homog distrib. of unit

Lithologic Log

Logged By: _____ Date: _____

Code	From	To	Recov.	No.	Unit	Description
10	5703	5725		31	4LQ	± intact but split
11	5725	5734		32	4L7H	as unit 30
12	5734	5808		33	4LQ	± 7 (00*) 5% intact
13	5808	6699		34	5B62	± *dolo. med dk gray poorly banded
14	5703	5725		31	4LQ	Monochous p. like with scattered dolo
15	5725	5808		32	4L7H	grt 515 in bands 11.5' steep into
16	5808	593		35	5D4*	5 - 580.8-593 is broken and
17	593	593		35	5D4*	bbly with 5' heavy no gaps seen.
18	593	593		35	5D4*	but a probable fault 585-593
19	593	593		35	5D4*	which is more rubby
20	593	593		35	5D4*	split
21	593	593		35	5D4*	heavily carbonated intact
22	593	593		35	5D4*	intact with some
23	593	593		35	5D4*	ductile flow brn.
24	593	593		35	5D4*	± * (4E46) med banded locally
25	593	593		35	5D4*	porous due to dissolved CO ₂ - intact
26	593	593		35	5D4*	* = calcite
27	593	593		35	5D4*	9 = py sphal gal in amounts
28	593	593		35	5D4*	intact but split.
29	593	593		35	5D4*	± 9 this is a good. micaceous
30	593	593		35	5D4*	pyritic quartzite not to be confused
31	593	593		35	5D4*	with qc to come - no CO ₂ here.
32	593	593		35	5D4*	± 0 ± 2 (SD4*) (000 ± *) (89:10:1-2%
33	593	593		35	5D4*	homog med gray strongly dolo phyllite -
34	593	593		35	5D4*	poor lithons weakly developed 5.11
35	593	593		35	5D4*	carb. folia
36	593	593		35	5D4*	insep 5.11 gorge @ 71.5' = 2"
37	593	593		35	5D4*	± 0 ± 2 similar to above with
38	593	593		35	5D4*	less SD4* - broken and cracked
39	593	593		35	5D4*	6' x 4' OT - 5.11 gorge 221.3-222
40	593	593		35	5D4*	722.6 - 722.8
41	593	593		35	5D4*	(000) homogeneous med gray quartz med
42	593	593		35	5D4*	to locally strongly calc med ch 8th
43	593	593		35	5D4*	CO ₂ = phyllite - poorly preserved
44	593	593		35	5D4*	lithon struct. - no SD can be

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	SB0		(OP*) 1-2% intact
L	7450			7545					45	SB80		±*(OP±*) ^{2-3%} unit homog med green grey - poor lithon struct.
L	7545			7578					46	SB40		* 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 60v
L	7774			8209					49	SB80		±* dolo. (SB6*) unit is med grey green with general good lithon struct and calc > dolo with dolo in SD lithologies - intact - looks like green eggs + brown - top 1/2 greener than lower 1/2 which grades down to ^{to} SB20 below
L	8209			8320					50	SB20		±* dolo med dk grey striped phyllite with very minor dolo in probable gtz sststr
L	8320			8450					51	SB80		±* dolo. (OP*) 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 (OPX) 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	26	28		
										rubble gouge zone from 863-865 upper 11S ₂ with slicks caking 25° @ 190 if dip azimuth is 230 lower = 1ND
L	8760	8780							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 gte S = bands of 4A0 or origin uncertain 4E4 at basal .3' could be exhalative, lower contact sharp and 11S ₂ - 4E contains 5D4* band actually fragment in ductile bxa.
L	8780	8880							55 5B62	±* * = dolo in gteol bands - scattered, homog dk grey = intact
L	8880	9120							56 5B61	±2 med grey ps ₂ foliated with weak carbonac S ₂ folier giving slight striped appearance as opposed to homog dk grey of unit 55 ~ S ₂ 11 gouge @ 888.5 - 889.5 893.3 - 893.4, 895.6 - 895.8
L	9120	9760							57 5B61	(5D4*) (5E0) CO ₂ is calcite mainly and decreases rapidly to base of unit, 950-952.5 = main 5D4* band, minor 5E0 at 922.7 = .8' thick unit generally intact but for 1" S ₂ 11 gouge @ 948.0
L	9760	9860							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 (fubk?) bands crudely similar to 5C* but very thin - units on 1/2 - 1' or thickness "mangle jungle"

78.0 297.5

7.5 300.5

Lithologic Log

Date: _____ Logged By: _____

Code	From				To				Recov.	No.	Unit	Description
	10	14	16	20	22	24	26	28					30	34	35
												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, intruc
L	9876		9885						60	5C*		dolo, intact
L	9885		9950						61	4AP		±1 a little lighter grey than normal but has good gte py banding - mod 5 = total, high PY/SMS no CO ₂
L	9860		9876						59	4E46		
L	9950		9978						62	40S		±* ⇒ 4A0* intact * = dolo, strongly banded carbonate bearing quartzite ?? with laminar of py/sphal approx. minimally layers 1/5 - quartz ≈ or < dolo in sulfide bearing bands. units of this type, so 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	9998		10006						64	4C*		unit similar to unit #62 in terms of high dolo content but laminar 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 2S ₂ foliiform 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 "gste" with approx

Recharge cards

Note: unit input of order as per as is its correct

order 4C*

Lithologic Log

Date: _____ Logged By: _____

Code	From		To		Recov.			No.		Unit	Description
	10	14	16	20	22	24	26	28	30			34	35
											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 micaceous Qtz but the "quartz" is dolo - might be more of it if 20% HCl traverses were done more often.
L	10.110		10.125						67	HAO	± * very minor, dolo.
L	10.125		10.261						68	HC5*	dolo ± 7 ± 9 → 4A31* unit is well banded with wispy graph bands and Qtz-py-CO ₂ = bands locally strongly py 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	10.261		10.295						69	4C*	→ 4D* * = dolo > calc. (4L0) unit is med grey "stite" but contains high CO ₂ = (40-50% of unit) Py as monomineralic laminae || S ₂ gal & sphal as dissem throughout py bands and the Qtz-CO ₂ = matrix - unit may contain some brite - 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: _____

Core	From		To		Recov.	No.	Unit	Description		
	10	14	16	20					22	24	26	28	30	34	35
L	10296	10660				70	S.B.2*	±0 (4E0) ^(4H0) unit is nearly homog to weakly striped med dk gray to dk gray phyllite with lt colored gtz CO_3^{2-} and dk gray 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 bands in 4A. - 4E is at 1030.8		
L	10660	10685				71	4C*	* = dolo + calc - unit similar to unit 69 in that $CO_3^{2-} \geq 20-30\%$ S_2 = dissem to poorly banded with no S_2 species separation		
L	10685	10840				72	S.B.2*	±0 - med dk gray, well banded dolo + calc - 3 prominent S_2 folia form (4F0 ±1 ±5 ±4 ±7 (4L)) at 10715 1080 and 1083.5 = centers of bands or thickness 1', intact		
L	10840	11000				73	SA69	±09 = py homog dk gray to black phy 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_2M at 1091 - unit intact		
L	11000	11035				74	4D*	±8 unit similar to above CO_3^{2-} "gites" with high dolo in gteitic groundmass. ~50-60% tot S_2 py is 90% of S_2 unit laminae banded 11 S_2 and looks like normal gites except that not much gte.		

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. may also contain Basal → 4A0 9=py in thin gtz py laminae - no PbS/ZnS - very hard & siliceous "black meta-chert"
L	11035			11080					75	SA19		(4E1* dolo) similar to unit 74 but has positively identified Basal
L	11080			11100					76	HE48		
L	11100			11106					77	SD4*		
L	11106			11116					78	HC*		dolo. similar to above with lesser finely dissemin dolo in gtz like matrix but with large buff patches of dolo.
L	11116			11160					79	SA116		split but intact - no s=
L	11160			11204					80	4D*		dolo (4E18) (4K0) unit similar to above CO ₃ gtz. with reasonable 4K=5% of unit, 4E=15% of unit - unit strongly to laminae banded some s= species segregation - may contain some barite.
L	11204			11260					81	HA*		±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	4K214		"
L	11284			11290					84	4E*		(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. etc
L	11335			11354					87	4G4		
L	11354			11390					88	4C7*		±9 BXA = flow better dolomitic pyritic gtz. etc as above.
L	11390			11540					89	SB*		±0, * = dolo dolo dominate CO ₃ in heavily carbonated if gray weakly serrated with

DDH FAGA 051
2 8

Cyprus Anvil Mining Corp.

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Lithologic Log

Date: _____ Logged By: _____

Code	From		To		Recov.		No.		Unit	Description	
	10	14	18	20	22	24	26	28	30		34
L	11540		12040				90		SBZ0	(SDO) med dk grey partly sf. real highly calc non dolo. unit with fr. SDO 3" kt cong @ 1194 but why doesn't it look like it belongs here. E/H.	

DDH FAGA051
² FEET ⁸

Cyprus Anvil Mining Corp.

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Structural Log

Date: _____ Logged By: _____

Code	From				To				Feature	S ₀ Dip Direct.	S ₁ Dip Direct.	S ₂ Dip Direct.	Description	
	10	14	18	20	22	24	26	28						32	34	38	40	44
S				4.9	0	CS2						72	24.5	
S				9.9	5	CS2						72		→ garbage
S				12.1	0	CS2						70		
S				16.9	5	CS2						80		
S				19.0	0	CS2						82		
S				20.9	0	CS2						70		
S				23.9	5	CS2						82		→ PS ₂
S				27.4	0	INDP						80		
S				29.3	5	INDP						82		
S				31.3	0	INDH						90		CS ₂
S				33.6	0	CS2						82		
S				35.4	5	INDP						75		
S				38.6	0	INDP						80		→ CS ₂
S				45.6	0	INDP						87		
S				49.3	0	INDP						68		
S				51.7	0	CS2						77		→ PS ₂
S				54.0	0	CS2						83		
S				55.0	0	INDP						75		→ garbage too
S				57.8	0	INDP						70	24.5	
S				59.0	0	INDP						83	22.5	
S				62.8	0	INDP						70		
S				66.1	0	CS2						80		
S				67.5	0							64		
S				71.2	0	CS2						70		→ PS ₂
S				73.6	0	CS2						70		
S				74.7	5	CS2						82		
S				77.6	0	CS2						85		→ PS ₂
S				79.2	5	CS2						70		→ O.O.
S				81.5	0	CS2						75		
S				85.0	0	CS2						82		
S				87.6	0	CS2						82		
S				88.9	0	CS2						75		
S				91.4	0	CS2						60		
S				93.7	0	CS2						55		
S				96.2	0	CS2						85		
S				98.9	0	INDP						72	22.5	may be PS ₁

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		42
P	15574		15644		141188		170		170			4L74	
P	15644		15713		141189		59		157			4L74	
P	15703		15734		141190		31		130			4L0	(4L74)
P	16690		16750		141191		160		160			4L74	
P	16750		16814		141192		64		163			4L74	(5D4*)
P	16814		16860		141193		46		146			4G4	±8 (4E46)
P	16860		16904		141194		44		144			4G4	" " "
P	16904		16964		141195		50		160			4C7	(5D4*)
P	16964		17020		141196		56		156			4C7	
P	19760		19810		141197		50		50			4L46	2±5 (4D4±5)
P	19810		19860		141198		50		50			4L46	2±5 (4D4±5)
P	19860		19910		141199		50		49			4A0	(5C*, 4E46)
P	19910		19950		142000		40		40			4A0	
P	19950		10006		142001		56		152			4D5	(5A19, 4C*)
P	10100		10160		142002		160		159			4C5*	(4A0)
P	10160		10210		142003		50		48			4C5*	
P	10210		10260		142004		51		48			4C5*	
P	10260		10296		142005		35		35			4C*	→ 4D*
P	10606		10685		142006		125		125			4C*	
P	11000		11035		142007		35		35			4D*	±8
P	11080		11116		142008		36		36			4G48	(4E1*, 5D4*, 4C*)
P	11160		11204		142009		44		39			4D*	(4E8)(4K0)
P	11204		11260		142110		56		56			4A*	±3 → 4C5*
P	11260		11318		142111		58		56			4C5*	(4E*, 4L214, 4E48)
P	11318		11354		142112		36		35			4G4	(4C*±7±9)
P	11354		11390		142113		36		35			4C7*	±9 \log_2

check }

Structural Log

Code	From		To		Feature	E S	S ₀		S ₁		S ₂		Description
	10	14	16	20			22	24	26	28	32	34		38	40	44
	100		118		B ₁								
	118		138		BP	2							
	138		148		BGFS								
	148		152		B ₁	8							
	152		157		B ₁								
	157		158		G ₁					11S ₂			
	158		169.5		BP								
	169.5		112		BF?								
	112		143.9		BP								
	143.9		205.5		1B								
			213		G								
			272.5		G ₁					11S ₂			
	219		272.5		2B								
	392.0		399.0		BR								
	399.0		407		GB								
	407		430		NNN								
	434		437		BG ₁								
	438		482.4		BPT								
	483		484		X ₁								
	49.75		49.85		X								
	501		524.0		2B								
	580.8		593.0		BRFS								
			711.5		G ₁					11S ₂			
	711.80		721.3		8X								
	721.3		722.8		G					11S ₂			
	757.8		762.0		R								
	762.0		763.7		G								
	811.72		819.5		GR					11S ₂			
	863		865		S ₁			11S ₂					sticks 25° @ 190 with dip or 230
	888.5		889.0		G					11S ₂			
			893.3		G					11S ₂			
			895.7		S					11S ₂			
			948		1G					11S ₂			
	1135.4		1139.0		D								

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. A - 51 PAGE 3 of 9

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

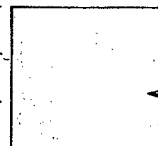
CLAIM No. _____

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		
119.8 393	124.1 407	PALE GREY TO GREENISH GREY QUARTZ-SERICITE MARIPOSITE + CHLORITE PHYLITE. 393.0 - 398.0 - Quartz-sericite phyllite. Brecciated, poor recovery 398.0 - 407.0 - Pale green quartz-sericite mariposite phyllite - crumbly. Core angle at 406' is 59°	6.4	--	388	398	10										
			1.5	--	398	402	4										
			3.5	--	402	406.5	4.5										
407	131.0 429.8	MEDIUM GREY TO DARK GREY QUARTZ-SERICITE + GRAPHITIC PHYLITE. Quite broken up in places and contorted. Cut by quartz veins at 411'; 414 - 415'. Graphitic at 422 - 423'. Sulphide content seldom exceed 2 - 3%. Core angle still greater than 75° except in occasional spot where it will be 55 - 60° (ie 412.4' and 429').	4.0	--	406.5	411.5	5.0										
			6.0	--	411.5	421.0	9.5										
			4.5	--	421.0	429.5	8.5										
429.8	133.5 438.2	PALE GREY QUARTZ-SERICITE-MARIPOSITE PHYLITE. Fairly soft - granular. Fairly easily broken. Mariposite 3 - 10%. Core angle: 72° - 87°.															
438.2	166.6 546.5	MEDIUM GREY QUARTZ SERICITE PHYLITE. Laminae quite variable in thickness. Local small scale folding of F ₁ observed. Minor quartz-chlorite veins and chloritic sections. Quite	5.0	--	441	446.5	5.5										
		fissile in places as evidenced by low recovery. Core angles: 438' = 86°, 468' = 70°, 477' = 87°, 493' = 72°.	1.5	--	446.5	448.5	2.0										
① 133.5 ② 142.6 ③ 145.4 ④ 150.3		Sulphides, mainly as pyrrhotite seldom exceeds 3%. Tension gash veins of quartz and carbonate vary in frequency of occurrence, especially common at 496 - 498'; 502'; 515 - 524'; 535 - 536'; 538' Often the laminae are variously deformed around these tension gash veins. Some almost appear as if slippage along the veins themselves. Chlorite sections at 526 - 530'; 532 - 533'.	1.4	--	448.5	456	7.5										
			2.5	--	456	462	6										
			4.5	--	462	468	6										
			90%														
546.5	169.8 557.0	PALE GREEN QUARTZ-SERICITE CHLORITE PHYLITE. Similar to above except color difference. Tension gash veins, pyrite and pyrrhotite are of about the same abundance. Contortion of F ₂ laminae is moderate - few folds noted. Core angles: 550' = 90°, 554' = 68°, 557' = 87°.	95%														

169.8

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. A - 51 PAGE 6 of 9

LATITUDE _____

BEARING OF HOLE _____

STARTED _____

CLAIM No. _____

DEPARTURE _____

DIP OF HOLE _____

COMPLETED _____

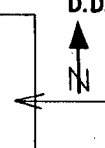
DIRECTION AND DISTANCE FROM

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		
253.3 831	258.2 847	GREENISH QUARTZ-SERICITE-CHLORITE PHYLLITE. Phyllite containing numerous white quartz veins and blebs from 1/4" to 3-1/2" wide. Laminae often warped around these quartz veins. Core angle = 68 - 75°. Sulphides 1 - 2%.	90%														
847	262.3 860.5	MEDIUM GREY FINELY LAMINATED QUARTZ-SERICITE PHYLLITE.	10 5	-- --	848 858	858 865	10 7										
860.5	911.8	DARK GREY-BLACK QUARTZ-GRAPHITE PHYLLITE. Quite fissile, variably laminated. Relatively undeformed to 873'. 876 - 880' shows good folding and sulphides up to 5%. (846 - sulphides in graphitic phyllite, 2% lead zinc.)															
911.8	289.3 949	PALE GREEN-GREY QUARTZ RICH (MOTTLED) QUARTZ-SERICITE PHYLLITE + CHLORITE. Quartz laminae abundant and quartz veinlets common. Cut laminae quite often to give a "fractured" look. Sulphides 1 - 2% pyrite, pyrrhotite. Core angles: 916' = 62°; 926' = 75°; 936' = 62°; 944' = 68°.	98%														
949	297.5 976	PALE GREEN (ALMOST BUFF) QUARTZ-SERICITE + CHLORITE PHYLLITE. Greenish (sometimes grey) fine grained, generally finely laminated phyllite; Sulphides low - generally ≤ 2%, pyrrhotite, pyrite. Core angles: 949' = 55°; 959' = 90°; 968' = 80°; 973' = 77°.															
976	313.8 1029.7	SULPHIDE ZONE IN QUARTZ-SERICITE + CHLORITE PHYLLITE. Sulphides generally banded in composition varying considerably rock type changes from quartz-sericite 976' to quartz-chlorite-sericite at 982'. Sulphides average 20-30% however massive sections of 80 - 90% sulphides occur. Pyrite, sphalerite, galena and chalcopyrite in order of abundance.	6.5 4.9 0.6 9.2 12.0 1.5 10.0	846 847 -- 848 849 880 881	976.0 983 987.9 988.5 997.7 1010 1011.5 1021.5	983.0 987.9 988.5 997.7 1010 1011.5 1021.5	7.0 4.9 -- 9.2 12.3 1.5 10.0	.90 2.38 -- .80 .18 1.23 .18	1.34 2.88 -- .62 .18 .90 .27	.38 1.12 -- .35 .12 .44 .15	979.5-983/35'	3.15 11.662 13.06 4.43 3.19 4.50	4.09 14.112 PbZn "	1.33 5.488 "			

(2.5) - Wt. Au 979.5 987.9 8.4 1.76 2.24 81 (27.8% Au) 14.812 18.802 16.818

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. A - 51 PAGE 8 of 9

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		
385.7 1068.5	325.9 1102.2	MEDIUM GREY TO BLACK STREAKY QUARTZ-GRAPHITE-SERICITE PHYLLITE. Alternating band of quartz, graphite and sericite; individual laminae of variable thickness. Sulphides pyrrhotite, pyrite are 3 - 5% - except certain sections of massive pyrite or pyrrhotite. (ie. 1071.5 - 1072.0; 1080.0 - 1081.0; 1083.0; 1098.0; 1090 - 1091'). Majority of these are 6" to 12" wide - Composed of 50 - 80% sulphides with pyrite pyrrhotite (4:1 ratio). Core angles: 1068.5 - 1086' - 75 - 80°; 1094' = 73°; 1099' = 71°.	98%														
1102.2	336.3 1103.2	SULPHIDE ZONE IN QUARTZ-SERICITE PHYLLITE. #884 - 40-60% sulphide; mainly pyrite 5 - 7% pyrrhotite; 3 - 4% lead-zinc.	3.0	884	355.9 1102.2	1103.2	3.0	2.35	2.28	1.03	0.9						
1103.2	347.6 1140.5	MEDIUM TO DARK GREY QUARTZ-GRAPHITE-SERICITE PHYLLITE. Moderately fissile, fine-grained, variably laminated phyllite, slightly to moderately contorted. Sulphides found at various intervals (ie. 1107.6 - 1111.0'; 1116.0 - 1120.0'; 1133.0 - 1135.2; 1138.0 - 1139.5' - these are massive sulphide sections). #885 - 50 - 60% sulphides, mainly pyrite; 5 - 10% pyrrhotite, 4 - 6% lead-zinc.) #886 - Black quartz-graphitic phyllite with 15 - 10% pyrite, pyrrhotite, 1% lead-zinc; Core angles 75 - 80°. #887 - Massive sulphides 50 - 60% (minor pyrrhotite) 4 - 6% lead-zinc (sulphides are medium grained). #888 - 20 - 30% sulphides in fine grained finely laminated quartz-sericite phyllite with well developed F ₁ folds. 1 - 2% lead-zinc. #889 - Light green-grey quartz-sericite phyllite with 20 - 30% sulphides (mainly pyrite) 2 - 3% lead-zinc. #890 - Quartz rich sericite + graphitic phyllite with 25 - 30% disseminated sulphide (mainly pyrite) 5 - 6% pyrrhotite, 2 - 3% lead-zinc.	3.5	885	337.6 1107.6	1111.1	3.5	1.95	1.62	.88			12.49	PbZn			
			4.9	886	341.38 1111.1	1116.0	4.9	.03	.16	.06		.93	"				
			4.0	887	345.38 1116	1120	4.0	1.90	1.84	.80		14.96	"				
			5.8	888	347.32 1107.6	1120.0	12.4	2.3	PbZn	3.8		28.28	PbZn				
			5.8	888	347.32 1120	1126	6.0	.20	.27	.15		2.82	"				
			3.1	889	347.32 1126	1129.2	3.2	.83	.82	.32		5.28	"				
			3.8	890	347.32 1107.6	1129.2	21.6	1.7	PbZn	6.6		30.48	PbZn				
			2.3	891	345.38 1133	1135.3	2.3	4.28	6.12	1.41		9.84	14.08	3.24			
			4.2	892	347.32 1135.3	1139.5	4.2	1.33	1.60	.59		5.59	6.72	2.48			
					344.18 1120.2	347.32 1139.5	10.3	1.75	2.34	.68	(2.3)	18.05	24.07	7.05			

DDH: FAGA051 -- 132 DEGREE PROFILE

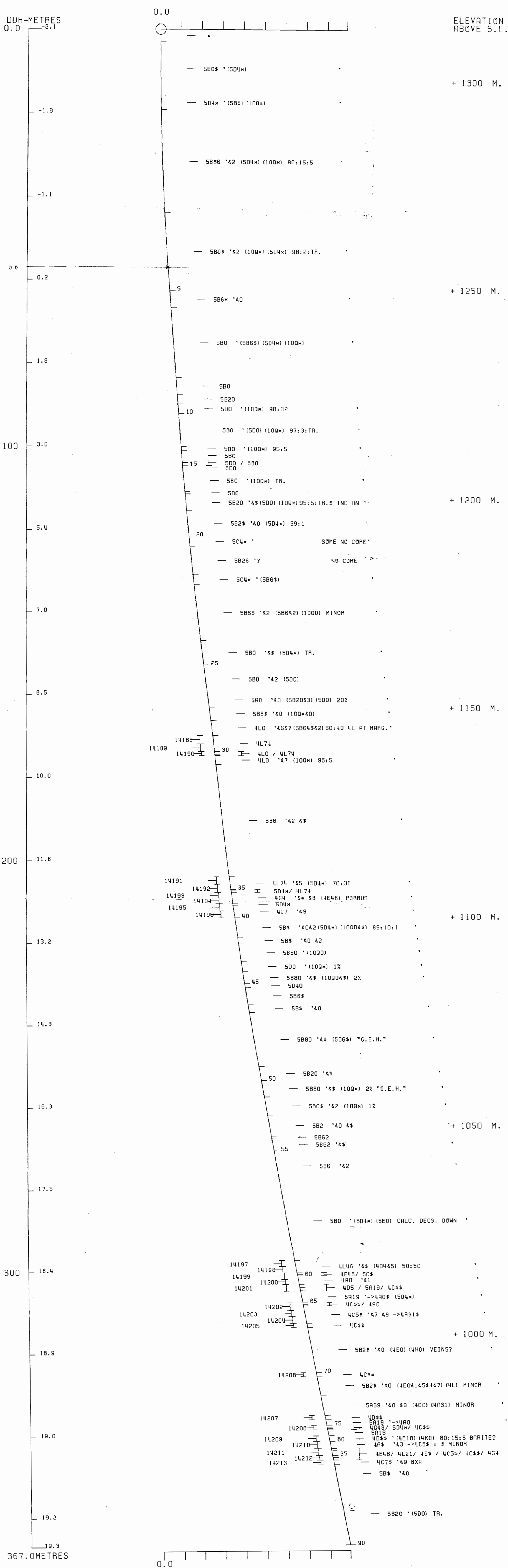
(VIEW AZIMUTH = 42 DEGREES)

ELEV:1312 591994E ; 905104N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 152.2 Z = 1312.4

SECTION NAME: OON



DDH: FAGA051 -- 132 DEGREE PROFILE

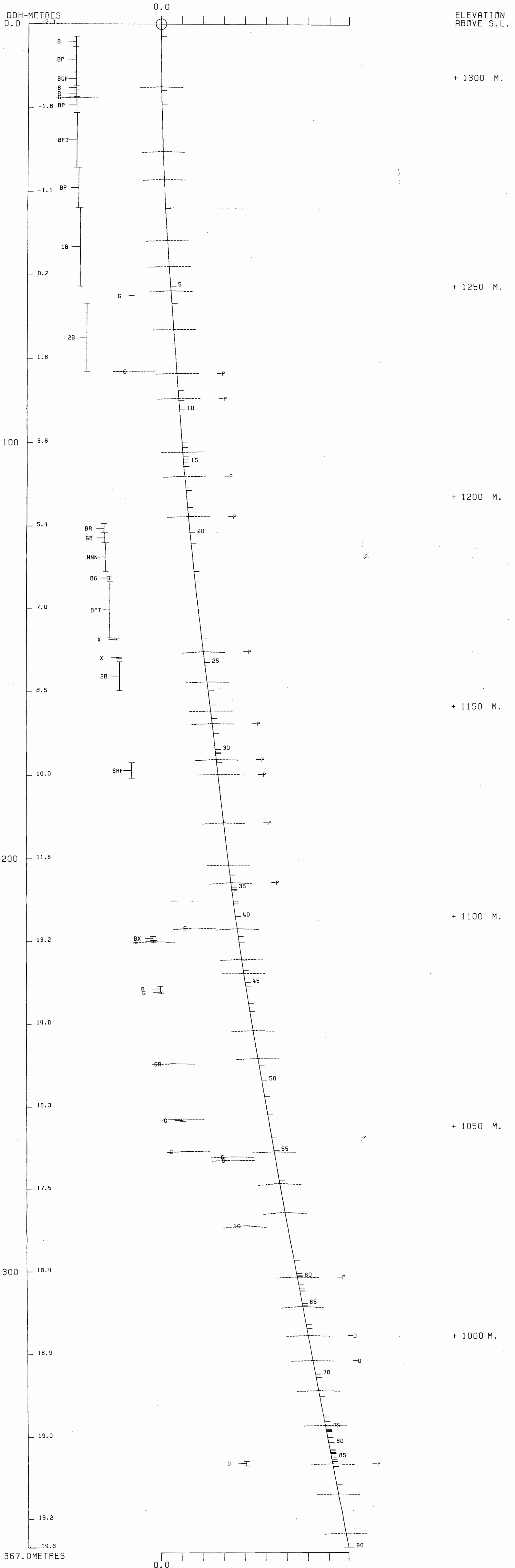
(VIEW AZIMUTH = 42 DEGREES)

ELEV: 1312 591994E ; 905104N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 152.2 Z = 1312.4

SECTION NAME: 00N



FAGA060

DRILL HOLE : FAGAC60
NORTHING : 904,862.0
EASTING : 592,265.4
ELEVATION : 1,278.8
TOTAL DEPTH : 361.5
SECTION : W 72
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS CRE-SAMPLES: 50
NOS DOWN-H-SURVEYS: 5
NOS DOWN-H-LITHOLOGY: 123
NOS DOWN-H-STRUCTURE: 76
NOS DOWN-H-FAULTS: 39
NOS DOWN-H-SPLINES: 5
NOS COMPOSITES: 0

DDH: FAGAO60 UTM-N: 904,862.0 UTM-E: 592,265.4 UTM-ELEV: 1,278.8 TOTAL DEPTH: 361.5 SECTION: W 72
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

---DEPTHS---		SAMPLE INT. NO.	REC.	ROCK UNIT	S.G. PULP	-----ASSAYS-----														
FROM	TO					CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
100.0	100.9	06194	.9	.9	4L14	3.12	.04	1.49	2.50	22.00		.21	3	6	9					
100.9	102.4	06195	1.5	1.5	4E14	4.24	.08	5.05	6.34	83.00		.69	2	24	26					
102.4	103.3	06196	.9	.9	4G14	4.56	.02	6.83	8.76	122.00		2.54	1	4	5					
103.3	104.1	06197	.8	.7	4L32	3.06	.11	1.85	2.15	50.00		.82	1	7	9					
104.1	105.8	06198	1.7	1.5	4L*	2.97	.05	.12	.17	5.00		.07	4	1	6					
105.8	107.2	06199	1.4	1.4	4L*	3.05	.05	.69	.29	13.00		.27	4	3	8					
107.2	109.4	06200	2.2	2.2	4G4	4.40	.06	6.88	8.36	112.00	109.00	.41	2	10	12					
109.4	110.8	06201	1.4	1.4	4G4	4.63	.06	7.19	7.38	107.00		.55	3	9	12					
110.8	111.7	06202	.9	.9	4L0	3.02	.06	.31	.43	7.00		.21	3	2	5					
111.7	113.5	06203	1.8	1.8	4D7	3.71	.15	3.22	2.45	41.00		.48	13	11	24					
113.5	114.4	06204	.9	.9	4G84	4.62	.04	6.27	7.60	97.00		.41	2	9	12					
114.4	116.3	06205	1.9	1.9	4EG	4.49	.21	4.17	4.21	74.00		.21	3	20	24					
116.3	116.6	90113	.3	.3	4L0			.68	.51	19.20										
123.7	125.9	06207	2.2	2.2	4L0	3.22	.10	.55	.50	8.00		.34	3	11	15					
125.9	127.3	06208	1.4	1.2	4L0	2.92	.02	.04	.05	1.00		1.03	3	1	5					
127.3	128.3	06209	1.0	1.0	4L0	3.15	.08	.51	.63	8.00		.75	5	7	12					
128.3	130.4	06210	2.1	2.1	4L0	2.67	.01	.04	.04	1.00	2.00	.34	3	1	5					
130.4	132.4	06211	2.0	1.9	4L0	3.02	.11	.14	.14	6.00		.14	3	4	8					
132.4	133.7	06212	1.3	1.3	4E4#	4.32	.24	3.25	3.32	61.00		1.37	3	28	32					
133.7	134.9	06213	1.2	1.2	4E4#	4.48	.22	4.97	4.16	74.00		1.17	6	28	34					
134.9	136.9	06214	2.0	2.0	4G#	3.96	.12	4.81	4.79	61.00		1.58	2	23	25					
136.9	137.6	06215	.7	.7	4L34	3.06	.06	.80	.97	10.00		.21	3	5	8					
144.8	146.9	06216	2.1	1.1	4E4	4.59	.13	11.40	16.86	207.00		1.58	1	18	20					
179.8	180.6	06217	.8	.8	4E0	3.53	.12	1.50	2.09	27.00		.27	3	18	22					
183.2	183.7	06218	.5	.5	4E*	3.82	.21	.90	1.17	30.00		.34	19	15	35					
257.3	259.0	06219	1.7	1.6	5B12		.04	.36	.45	6.00										
259.7	262.1	90114	2.4	2.1	5B6			.07	.04											
267.0	268.5	06220	1.5	1.5	4A3	2.95	.03	.12	.36	5.00	3.00	.14	1	6	8					
268.5	270.5	06221	2.0	1.7	4A3		.02	.07	.03	2.00										
270.5	272.6	06222	2.1	2.1	4A3		.05	.02	.02	1.00										
272.6	274.3	06223	1.7	1.7	4A3		.06	.02	.06	2.00										
274.3	276.3	06224	2.0	2.0	4A3		.05	.01	.05	2.00										
281.0	283.0	06225	2.0	2.0	4A3		.05	.21	.19	7.00										
283.0	285.0	06226	2.0	2.0	4A3		.07	.10	.03	3.00										
285.0	286.7	06227	1.7	1.7	4A3		.06	.42	.36	10.00										
286.7	287.4	06228	.7	.7	4E1	3.55	.20	1.70	1.90	29.00		3.29	5	16	21					
322.5	323.3	06229	.8	.8	4A3	2.99	.04	.62	.53	13.00		.41	2	4	7					
323.3	324.4	06230	1.1	.9	4G8	4.41	.14	3.33	2.69	50.00		.82	8	20	28					
324.4	325.1	06231	.7	.7	4C0	3.66	.13	2.23	2.48	41.00		.75	4	15	20					
325.1	326.8	06232	1.7	1.7	4A3	3.06	.12	1.57	2.06	25.00		.75	1	7	9					
326.8	328.6	06233	1.8	1.8	4A3	3.06	.10	.85	.76	19.00		.82	1	9	10					
328.6	330.1	06234	1.5	1.4	4G8	4.22	.11	3.41	2.72	50.00		.62	7	22	30					

17FEB84 GRUM

DOWN-HOLE SURVEYS (DHO2C)

PAGE:101

DDH: FAGA060 UTM-N: 904,862.0 UTM-E: 592,265.4 UTM-ELEV: 1,278.8 TOTAL DEPTH: 361.5 SECTION: W 72
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
79.200	175.000	79.000
126.500	172.000	76.000
193.500	170.000	78.000
217.900	169.000	66.000

DOH: FAGA060 UTM-N: 904,862.0 UTM-E: 592,265.4 UTM-ELEV: 1,278.8 TOTAL DEPTH: 361.5 SECTION: W 72
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
8.5	0001	#		0.5-	1
11.8	0002	5B20	&6	0.5-	1
16.9	0003	5AC		0.5-	1
30.9	0004	5BC	&6	0.5-	1
34.2	0005	5B6		0.5-	1
36.3	0006	5B0		0.5-	1
37.2	0007	5B6		0.5-	1
48.0	0008	5B0	&2 &6	0.5-	1
48.7	0009	5B6		0.5-	1
50.9	0010	5BC		0.5-	1
52.4	0011	5AC		0.5-	1
53.5	0012	5D7	(5A0) MINOR	0.5-	1
55.8	0013	5A6@		0.5-	1
63.9	0014	5B6		0.5-	1
64.2	0015	5F4	[5B48@]	0.5-	1
67.6	0016	5C4\$	"ULTRA-C03"	0.5-	1
69.3	0017	5F86	[5B486]	0.5-	1
69.8	0018	4L3	GOUGE	0.5-	1
71.1	0019	5C4*		0.5-	1
71.7	0020	5F41	[5B418]	0.5-	1
73.3	0021	5B26	@ &1	0.5-	1
73.8	0022	5F47	[5B84]	0.5-	1
74.7	0023	5C4\$	@	0.5-	1
77.2	0024	5C@		0.5-	1
78.3	0025	5B41		0.5-	1
80.3	0026	5C@	GOUGE	0.5-	1
81.0	0027	5B41		0.5-	1
86.8	0028	5B6	&2 (5D4*) MINOR	0.5-	1
88.5	0029	5D61		0.5-	1
93.1	0030	5B26		0.5-	1
95.0	0031	5B0		0.5-	1
99.2	0032	5B62	(5B0)	0.5-	1
100.0	0033	5B46		0.5-	1
100.9	0034	4L14	(4L3@) E.O.I.	0.5-	1
101.6	0035	4E14	PCROUS &8 BXA - E.O.I.	0.5-	1
102.4	0036	4E1	&4 (4D4)	0.5-	1
103.3	0037	4G14		0.5-	1
104.1	0038	4L324		0.5-	1
106.5	0039	5D4#	@ \$ [4L#&@]	0.5-	1
107.2	0040	4L3#		0.5-	1
109.4	0041	4G4	&8	0.5-	1
110.0	0042	4G48	3	0.5-	1
110.8	0043	4G4	&8	0.5-	1
111.7	0044	4LC	&1	0.5-	1
113.5	0045	4D7	&E (4L0) (4H4)	0.5-	1
114.4	0046	4G84		0.5-	1
115.7	0047	4E18	6 (4G4)	0.5-	1
116.3	0048	4G4	(4E186)	0.5-	1
118.9	0049	4LC	(4L\$ &3 &4 SPHAL)	0.5-	1
121.6	0050	5B46		0.5-	1
123.1	0051	5D4@		0.5-	1

DDH: FAGA060 UTM-N: 904,862.0 UTM-E: 592,265.4 UTM-ELEV: 1,278.8 TOTAL DEPTH: 361.5 SECTION: W 72
 RFE: S2 RFE DIR: 230 FLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
123.7	0052	5B46		0.5-	1
131.6	0053	5D4*	[4L0] (4D48)	0.5-	1
132.4	0054	4L24		0.5-	1
134.9	0055	4E4#	82 (5D4a [4L2])	0.5-	1
136.9	0056	4G#	[4E#]	0.5-	1
137.6	0057	4L34		0.5-	1
140.5	0058	5B0	86	0.5-	1
140.8	0059	5D43		0.5-	1
144.8	0060	5B0	(5A0) FAULT	0.5-	1
146.9	0061	4E4	81 86	0.5-	1
151.2	0062	5A0	86 8a	0.5-	1
153.4	0063	5B26		0.5-	1
161.1	0064	5B6		0.5-	1
162.5	0065	5B0		0.5-	1
171.9	0066	5B0		0.5-	1
173.7	0067	5B0	(4L#a [5D4#a])	0.5-	1
179.8	0068	5B0	(4L#a [5D4#a]) MINOR E.O.I.	0.5-	1
180.6	0069	4EC	(4A0)	0.5-	1
182.5	0070	5A6		0.5-	1
183.2	0071	5A0		0.5-	1
183.8	0072	4E#	a (4H#a) MINOR - E.O.I.	0.5-	1
184.6	0073	5A0	(5D4a [4L2]) MINOR E.O.I.	0.5-	1
186.2	0074	5B20	(5D4a [4L2]) E.O.I.	0.5-	1
191.4	0075	5B20	a	0.5-	1
193.5	0076	5B20	8a	0.5-	1
194.3	0077	5B0	(5A0)	0.5-	1
198.1	0078	5A0	a (5B20)	0.5-	1
200.7	0079	5A0	a MINOR	0.5-	1
203.9	0080	5B6	(5B0)	0.5-	1
208.6	0081	5B6	GOUGE	0.5-	1
210.1	0082	5B6		0.5-	1
210.3	0083	5D4#	[4L#]	0.5-	1
213.4	0084	5B6	(5D4# [4L#]) MINOR	0.5-	1
217.1	0085	5B6		0.5-	1
225.0	0086	5B26		0.5-	1
233.0	0087	5B0		0.5-	1
236.2	0088	5B0	[3D8] B10?	0.5-	1
237.7	0089	5B6	(5D0)	0.5-	1
244.0	0090	5B0		0.5-	1
255.3	0091	5B20	(5B0)	0.5-	1
255.8	0092	4H1	(5D4a [4L2]) T.O.I.	0.5-	1
257.3	0093	4L*		0.5-	1
259.0	0094	5B12	69	0.5-	1
259.8	0095	4L2		0.5-	1
267.0	0096	5A6	(4A3)	0.5-	1
276.3	0097	4A3	(5A6)	0.5-	1
278.0	0098	4L3		0.5-	1
281.0	0099	5B46	(4L0)	0.5-	1
286.7	0100	4A3	(5D4a [4L2])	0.5-	1
287.4	0101	4E1	(5D4a [4L2])	0.5-	1
294.6	0102	5A19	6	0.5-	1

DDH: FAGA060 UTM-N: 904,862.0 UTM-E: 592,265.4 UTM-ELEV: 1,278.8 TOTAL DEPTH: 361.5 SECTION: W 72
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
312.8	0103	5A6		0.5-	1
314.9	0104	5B6	(5A6)	0.5-	1
316.1	0105	5A16		0.5-	1
319.4	0106	5A6	(5B62)	0.5-	1
322.5	0107	4L2	(5B6)	0.5-	1
323.3	0108	4A3		0.5-	1
324.4	0109	4G8	8# (4K0) MINOR - T.O.I.	0.5-	1
325.1	0110	4C0	(4E8)(4G48)(5D40 [4L6])	0.5-	1
328.6	0111	4A3	(4A4)	0.5-	1
330.1	0112	4G8		0.5-	1
330.5	0113	5B26	(4L0) (4A0)	0.5-	1
331.1	0114	4E8		0.5-	1
335.0	0115	5B26	(4A4) MINOR	0.5-	1
335.3	0116	4E1		0.5-	1
337.9	0117	5A6@	(4C2) MINCR	0.5-	1
340.2	0118	5B26	(5A6)	0.5-	1
340.6	0119	4E8	84	0.5-	1
344.0	0120	4AC		0.5-	1
345.0	0121	5A6	(4A4) (4E0)	0.5-	1
347.5	0122	4C5	BXA	0.5-	1
361.5	0123	5A6	(4A3)	0.5-	1

DDH: FAGA060 UTM-N: 904,862.0 UTM-E: 592,265.4 UTM-ELEV: 1,278.8 TOTAL DEPTH: 361.5 SECTION: W 72
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	DIRECT	S1 ANGLE	DIRECT	S2 ANGLE	DIRECT	RFE	COE	DHDC	SDC	PROCESS
FAGA060	0.0	9.1	CS2		0	0	0	0	72	230	C		1	1	1
FAGA060	8.5	13.4		Z	0	0	0	C	0	0	C		1	1	1
FAGAC60	13.4	14.3		S	0	0	0	C	0	0	C		1	1	1
FAGAC60	0.0	15.2	CS2		0	0	0	C	74	230	C		1	1	1
FAGA060	0.0	21.3	CS2		0	0	0	0	72	230	C		1	1	1
FAGAC60	0.0	27.4	CS2		0	0	0	0	90	230	C		1	1	1
FAGAC60	14.3	27.4		M	0	0	0	C	0	C	C		1	1	1
FAGA060	0.0	33.5	CS2		0	0	0	0	76	230	C		1	1	1
FAGAC60	0.0	39.6	CS2		0	0	0	0	78	230	C		1	1	1
FAGAC60	0.0	45.7	CS2		0	0	0	0	79	230	C		1	1	1
FAGAC60	0.0	51.8	CS2		0	0	0	0	72	230	C		1	1	1
FAGAC60	0.0	57.9	CS2		0	0	0	0	68	230	C		1	1	1
FAGA060	0.0	64.0	CS2		0	C	0	C	61	230	C		1	1	1
FAGA060	0.0	68.6	PS2		0	0	0	0	61	230	C		1	1	1
FAGAC60	27.4	74.6		S	0	0	0	0	0	0	C		1	1	1
FAGAC60	0.0	77.1	CS2		0	0	0	0	71	230	C		1	1	1
FAGAC60	74.6	78.3		M	0	0	0	C	0	0	C		1	1	1
FAGA060	0.0	83.8	CS2		0	0	0	0	67	230	C		1	1	1
FAGAC60	0.0	91.4	CS2		0	0	0	0	52	230	C		1	1	1
FAGAC60	80.1	94.4		Z	0	0	0	0	0	0	C		1	1	1
FAGAC60	0.0	97.5	CS2		0	0	0	0	67	230	C		1	1	1
FAGA060	94.4	98.4		M	0	0	0	0	0	0	C		1	1	1
FAGAC60	98.4	99.9		S	0	0	0	C	0	0	C		1	1	1
FAGAC60	0.0	102.7	CS2		0	0	0	0	57	230	C		1	1	1
FAGA060	0.0	109.1	CS2		64	0	0	0	0	230	C		1	0	0
FAGA060	0.0	115.8	CS2		70	0	0	0	0	230	C		1	0	0
FAGAC60	0.0	121.9	CS2		0	0	0	0	70	230	C		1	1	1
FAGAC60	0.0	128.3	CS2		0	0	0	0	62	230	C		1	1	1
FAGAC60	0.0	134.1	CS2		48	0	0	C	0	230	C		1	0	C
FAGA060	0.0	140.5	PS2		0	C	0	0	43	230	C		1	1	1
FAGAC60	0.0	146.6	CS2		75	0	0	0	0	230	C		1	0	C
FAGA060	0.0	153.0	PS2		0	0	0	0	76	230	C		1	1	1
FAGAC60	0.0	159.7	PS2		0	0	0	0	72	230	C		1	1	1
FAGA060	0.0	166.1	PS2		0	0	0	0	73	230	C		1	1	1
FAGAC60	0.0	172.2	PS2		0	0	0	0	81	230	C		1	1	1
FAGAC60	0.0	177.1	PS2		0	0	0	0	81	230	C		1	1	1
FAGAC60	0.0	180.1	PS2		0	0	0	0	34	230	C		1	1	1
FAGAC60	0.0	185.9	PS2		0	0	0	0	70	230	C		1	1	1
FAGAC60	0.0	192.0	CS2		0	0	0	0	78	230	C		1	1	1
FAGAC60	0.0	198.1	CS2		0	0	0	0	80	230	C		1	1	1
FAGAC60	0.0	203.6	CS2		0	0	0	0	75	230	C		1	1	1
FAGAC60	0.0	210.3	CS2		0	0	0	0	90	230	C		1	1	1
FAGAC60	0.0	215.8	CS2		0	0	0	0	84	230	C		1	1	1
FAGA060	0.0	221.9	CS2		0	0	0	0	76	230	C		1	1	1
FAGAC60	0.0	228.0	CS2		0	0	0	0	76	230	C		1	1	1
FAGA060	0.0	234.1	CS2		0	0	0	0	90	230	C		1	1	1
FAGA060	0.0	240.2	CS2		0	0	0	0	80	230	C		1	1	1
FAGAC60	0.0	246.9	CS2		0	0	0	0	78	230	C		1	1	1
FAGAC60	231.6	252.9		M	0	0	0	0	0	0	C		1	1	1
FAGAC60	0.0	253.0	CS2		0	0	0	0	85	230	C		1	1	1
FAGAC60	0.0	255.4	CS2		0	0	0	0	70	230	C		1	0	C

DDH: FAGA060 UTM-N: 904,862.0 UTM-E: 592,265.4 UTM-ELEV: 1,278.8 TOTAL DEPTH: 361.5 SECTION: W 72
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	DIRECT	S1 ANGLE	DIRECT	S2 ANGLE	DIRECT	RFE	CDE	DHDC	SDC	PROCESS
FAGAC60	0.0	258.2	CS2		0	C	20	0	67	230	C		1	1	1
FAGAC60	252.9	260.6		S	0	0	0	C	0	0	C		1	1	1
FAGAC60	0.0	265.2	CS2		0	0	0	C	85	230	C		1	1	1
FAGAC60	260.6	269.7		Z	0	0	0	0	0	0	C		1	1	1
FAGAC60	0.0	271.3	CS2		0	0	0	0	76	230	C		1	1	1
FAGAC60	269.7	274.3		M	C	0	0	C	0	C	0		1	1	1
FAGAC60	0.0	277.4	PS2		C	0	0	0	65	230	C		1	1	1
FAGAC60	274.3	280.4		P	0	0	0	C	0	0	C		1	1	1
FAGAC60	0.0	283.5	CS2		C	C	0	C	36	230	C		1	1	1
FAGAC60	280.4	286.5		S	C	0	0	0	0	0	C		1	1	1
FAGAC60	0.0	288.0	PS2		0	C	0	0	50	230	C		1	1	1
FAGAC60	0.0	294.4	PS2		0	0	0	C	72	230	C		1	1	1
FAGAC60	0.0	299.3	PS2		0	0	0	C	77	230	C		1	1	1
FAGAC60	0.0	305.7	PS2		0	0	0	0	75	230	0		1	1	1
FAGAC60	0.0	312.1	PS2		0	0	0	C	48	230	0		1	1	1
FAGAC60	0.0	318.2	PS2		0	0	0	C	70	230	C		1	1	1
FAGAC60	286.5	318.5		P	0	0	0	0	0	0	C		1	1	1
FAGAC60	0.0	323.7	CS2		80	0	0	C	0	230	C		1	0	0
FAGAC60	0.0	329.8	CS2		55	0	0	0	0	230	C		1	0	0
FAGAC60	0.0	332.8	CS2		0	0	0	C	90	230	C		1	1	1
FAGAC60	0.0	338.9	CS2		0	0	0	0	58	230	C		1	1	1
FAGAC60	0.0	345.0	CS2		0	0	0	0	90	230	0		1	1	1
FAGAC60	0.0	351.1	CS2		0	0	0	C	90	230	C		1	1	1
FAGAC60	0.0	357.2	PS2		0	0	0	0	81	230	C		1	1	1
FAGAC60	0.0	361.2	PS2		0	0	0	C	74	230	C		1	1	1

DDH: FAGA060 UTM-N: 904,862.0 UTM-E: 592,265.4 UTM-ELEV: 1,278.8 TOTAL DEPTH: 361.5 SECTION: W 72
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT REC CD	PARLL	UPPER PLANE	INTERNAL PLANE	LOWER PLANE	DHD
FAGAC60	13.2	13.5	GB		50	0	0	1
FAGAC60	30.2	34.2	1G		0	0	0	1
FAGAC60	61.3	61.5	1G		0	0	0	1
FAGAC60	0.0	62.1	1G		C	0	0	1
FAGAC60	62.6	63.4	G		0	0	0	1
FAGA060	63.7	63.9	1G		0	0	0	1
FAGA060	69.3	69.8	G		0	0	0	1
FAGAC60	78.3	80.2	G		0	0	65	1
FAGAC60	81.6	81.7	1G		0	0	0	1
FAGAC60	88.7	88.9	PG		0	0	0	1
FAGA060	101.3	101.5	X		0	0	67	1
FAGAC60	101.5	102.4	XQ		0	0	0	1
FAGAC60	102.4	103.2	D		0	0	0	1
FAGAC60	103.4	103.7	G		1	0	1	1
FAGAC60	111.7	113.5	XD?		0	0	0	1
FAGAC60	114.3	115.6	XD?		0	0	0	1
FAGAC60	0.0	116.3	XQ		0	0	0	1
FAGAC60	121.0	121.3	QX		0	0	0	1
FAGAC60	124.8	125.2	1X		0	0	0	1
FAGAC60	137.9	138.3	G		99	999	99	1
FAGAC60	140.7	144.7	GQF		0	0	0	1
FAGAC60	144.7	146.9	XD?		0	0	0	1
FAGAC60	0.0	171.9	1G		0	0	0	1
FAGAC60	0.0	179.7	1G		0	0	0	1
FAGA060	179.8	180.5	XD?		0	0	0	1
FAGA060	185.6	186.2	GR		0	0	0	1
FAGAC60	193.5	194.3	GQ		0	0	0	1
FAGAC60	203.9	205.4	Q		0	0	0	1
FAGAC60	205.4	208.5	G		0	0	0	1
FAGAC60	212.9	213.4	QG		0	0	0	1
FAGAC60	213.4	217.1	1GQ		0	0	0	1
FAGA060	225.0	233.0	1GR		0	0	0	1
FAGA060	265.6	267.0	G		0	0	0	1
FAGAC60	288.9	289.5	NP		0	0	0	1
FAGAC60	287.3	294.5	P	7	0	0	0	1
FAGAC60	0.0	310.4	G		0	0	0	1
FAGA060	345.0	347.4	X?		0	0	0	1
FAGAC60	352.3	352.7	XG		0	0	0	1
FAGA060	355.3	355.6	RG		0	0	0	1

17FEB84 GRUM

DOWN-HOLE SPLINES (DnU20)

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DDH: FAGA060 UTM-N: 904,862.0 UTM-E: 592,265.4 UTM-ELEV: 1,278.8 TOTAL DEPTH: 361.5 SECTION: W 72
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH SEGMENT NOS COND INDICATOR

FAGAC60	1	2
FAGA060	2	2
FAGAC60	3	2
FAGA060	4	2
FAGAC60	5	1

CYPRUS ANVIL MINING CORPORATION

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DIAMOND DRILL CORE LOG

Date: 3/5/81

Hole Number: FAGA-060

Reference Fabric Orientation Diagram:

Project: GRUM

Location: SECTION 72 W

Claim:

with Terr. Plane
1979 HWS
Orthophoto Survey

Co-ords.: 6904862.0 N

592265.4 E

Grid Co-ords:

All symmetry determinations looking

Elevation: 1278.8

with dipping

Total Depth:

with dip azimuth

Purpose: RELOG GRUM

Reason hole Terminated:

Logged by: GG

Date(s) Logged: 29-31 May/81

Drilling Contractor:

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

Hole Cemented:

Tool down

Started: Completed:

Lithologic Log

Date: 30/5/81 Logged By: GG

UNITS = FEET

1
15
8
5.9
30.9
4.2
36.9
37.2
48.0
48.7
50.9
2.4
53.5
55.8
63.9
67.6

Code	From				To				Recov.	No.	Unit	Description	F/W CNT	
	10	14	16	20	22	24	26	28					30	34	35	TYPE	X
												OVERBURDEN		
L		00		280						01	*			
L		280		387						12	5B23	+(5B26)		11S ₂
L		387		556						13	5A3	43.6 - 44.4 ^{ft} GOUGE 1/2		11S ₂
												BROKEN CORE		
L		556		1013						14	5B3	+(5B6); MOD. CHLORITIC LOCALLY; -COMMON 5B0-FINE GRAINED;	10 cm BRECCIATED QZ VN	
L		1013		1123						15	5B6	MINOR 2cm GOUGES;		11S ₂
L		1123		1190						16	5B3		1cm GOUGE @ 45/21	11S ₂
L		1190		1220						17	5B6			11S ₂
L		1220		1574						18	5B3	+(5B6) + (5B23)	COMPOSITE HANDLINGS	11S ₂
L		1574		1599						19	5B6	- FINE GRAINED; WELL LAM.;	"	11S ₂
												NOTE STRAT. POSITION		
												V. HIGH IN SECTION;		
L		1599		1670						10	5B0			11S ₂
L		1670		1718						11	5A3	50% BLACK; LOCALLY = 4A3;	INTERCALATED OVER 7cm	11S ₂
L		1718		1756						12	5B7	+(minor 5A3) - 20% BLACK;		11S ₂
L		1756		1830							5A6	50% BLACK; 10% ANK.;		
L		1830		2097						13	5B6	F/W HALF OF UNIT = SEVERAL 2-15cm QZ VNS + FUCHSITE GOUGE (203.8-204.09 ft)	GOUGE	
												GOUGE @ 201.4-201.9 ft		
												205.6 - 208.2 ft, 209.3 - 209.7 ft;		
L		2097		2105						14	5F4	V. PRETTY MULTICOLOUR LAMINATED (PALE GREEN, DK GREEN (CHLORITE), PALE BROWN & BROWN (ANK)); WHITE BANDS ARE SILTY; ALSO POSS. AN EXTREMELY BLEACHED EB. - BECAUSE OF 5C4 METASOMATIC ASS'N.?	COMPOSITE BANDS →	11S ₂
L		2105		2218						15	5CA*	HIGHLY DOLOMITIZED, SERICITIZED AND KAOLINIZED 5C; STILL RETAINS ABUNDANCE OF CHLORITIC KNOBS IN DOLO-CLAY - SERICITE MATRIX. OR [10D4]??		11S ₂

Lithologic Log

Date: 30/5/81 Logged By: GG

Code	From		To		Recov.	No.	Unit	Description	F/W	
	10	14 16	20	22 24 26 28 30					34	35	TYPE	GRADE
L	2121	8	2127	4		116	5F1B16	FINE GRAINED; LW 30cm = SILICIFIED UNIT 14; THE ASS'N OF UNIT 14 ON BOTH SIDES OF SCA INDICATES A DEFINITE GENETIC LINK (METASOMATIC) SKARNIFICATION?; ALSO NOTE UNIT 15 IS MOD SILICIFIED FOR ~15cm AT EACH CNT;		
L	2127	4	2129	1		117	A1L31	90% TALL; LARGELY POWDERED/ROUGE; POSSIBLY A SC-ASH BED?		11S2
L	2129	1	2133	3		118	5IC4*	NOTE METAMORPHIC AS UNIT 15; COMPLEX BANDING.	QZ VN	
L	2133	3	2135	1		119	5IFA1	AS UNIT 14 BUT SILICIFIED;	COMPLEX BANDING	11S
L	2135	1	2140	4		120	5B216	+(5B216); 10% ANK.		11S
L	2140	4	2142	1		121	5IFA17	1/- SIMILAR TO UNIT 14 BUT NOT NEARLY AS BLEACHED;	GRADES	
L	2142	1	2145	0		122	5ICA*	-DOLOMITIC - ANK 5% AS UNIT 15;		11S2
L	2145	0	2153	2		123	5IC*	-ANK - 30%.	UNCLEAR SHEAR?	11S2
L	2153	2	2157	0		124	5B141			
L	2157	0	2163	3		125	5IC*	ANK. PROT. ROUGE + 2% FUCHSITE.		
L	2163	3	2165	9		126	5B141			11S2
L	2165	9	2184	9		127	5B16	- MOD SERPENTINE. + (5B26) - LOCALLY SILICIFIED; 2680.268.3ft - FUCHSITE ROUGE		11S
L	2184	9	2190	3		128	5D161	+(5D6) - LAMINATED;		11S
L	2190	3	3105	5		129	5B216	+(5B6); 291.3 - 291.8ft 2cm RECOVERY OF ROUGE - POSS. A MAJOR FAULT BUT ALSO LIKELY AN ERROR (AGAIN!) IN PLACEMENT OF FOOTAGE MARKERS;		11S2
L	3105	5	3111	8		130	5B3			11S
L	3111	8	3125	3		131	5B1612	+(5B6) + (5B3)		11S
L	3125	3	3128	0		132	5B16			11S
L	3128	0	3131	0		133	A1L14	+(A13* - ANK) -> DOMINANTLY AT F/W	? PROT	11S

817

813

Lithologic Log

UNITS = FEET.

Code	From		To		Recov.	No.	Unit	Description	F/W CNT				
	10	14	16	20					22	24	26	28	30	34	35	TYPE	Q
L	3,310		3,333			34	A.E.14	-POROUS (444?) + (4E784) SULPHIDE - HEALED				?	
								BRECCIA AT F/W; + (4L1) - 332.6 - 333.3 ft →					
								BRECCIA, MILKY CALCITE VUGS - A SILICA - HEALED					
								<u>FAULT</u>					
L	3,333		3,360			35	A.E.14	+ (4E14) + (4D4); 0.5% VUGGY CALCITE VNS; LOCALLY BRECCIATED BUT PROB NOT FAULTED;					SHARP WITH "CLAMOR" N/S
L	3,360		3,388			36	A.G.14	5% < 1mm QZ EYES					N/S
L	3,388		3,414			37	A.L.32	[GOUGE] @ 339.3 - 340.5 ft					N/S
L	3,414		3,494			38	A.L.*	LOCAL FUCHSITE; MOD - V, CALC + ANK + DOLO;					N/S
L	3,494		3,518			39	A.L.3*	CALC AREAS; V. TALCOSE;					N/S
L	3,518		3,590			40	A.G.4	+ (4G4R) → LOCAL PODS;					N/S
L	3,590		3,608			41	A.G.4R	1/3/					N/S
L	3,608		3,636			42	A.G.4	+ (4G4R); 362.3 - 362.7 ft - ROUND TO FLOWGATE 1-5mm VUGS - EMPTY;					PROB N/S
L	3,636		3,666			43	A.L.0	+ (4L1) - some Mn-STAIN					N/S
L	3,666		3,725			44	A.D.7*	+ (4L0) + (4HA) + (4D784) ^{SP 10cm @ F/W} ↳ LOCAL ALO BRECCIA CLASTS (OPEN STRUCTURE) IN 4D74 MATRIX - PROB NOT FAULT (20cm);					N/S
L	3,725		3,753			45	A.G.84						N/S
L	3,753		3,795			46	A.E.18	1/6 + (4G4); LOCAL (40cm) RAGGED BRECCIA - NO FAULT;					N/S
L	3,795		3,816			47	A.G.4	+ some QZ EYES; + (4E186); 30cm QZ-ANK VN BRECCIA WITH 4E CLASTS ^{+PO} AT F/W; ^{PROB NOT} FAULT;					?
L	3,816		3,901			48	A.L.0	+ (4L*) - CALC. + (4L3*) - 381.6 - 383.0 ft ↳ MINOR SPHAL;					N/S

Lithologic Log

UNITS = 787

Code	From				To				Recov.	No.	Unit	Description	F/W cm	
	10	14	16	20	22	24	26	28						30	34	35
L	13910	1	13919	0						49	5B46	-V. SERICITIC 397.0-399.0 ft - CALCITE - RT 18% BRECCIA - 40% ANK FAULT		11S ₂
L	39190		40140							50	5D4*	>90% ANK; COMMON QZ VNS OCCASIONAL FUCHSITE	1 cm GOUGE	
L	40440		40600							51	5B46			11S ₂
L	40600		43119							52	A1L01	+(4048) → SLIGHTLY DISJOINTED → 409.7-410.2 ft. LOCAL FUCHSITE	1 cm GOUGE	
L	43119		4345							53	A4L24			11S ₁₁
L	4345		4425							54	A1E4*	1/2 - CALCAREOUS - ANK TO 4G* BUT NO TEA SPX +(4L*) - ANK 60% + FUCHSITE ↗	?	
L	4425		4490							55	A1G*	2-4(4E4) CALCAREOUS - NO TEA SPX SERP - LOCAL HORNS CALCITE FILLED VESIC VNS (<1cm - 1/2 IN) E/W:	RUBBLI	
L	4490		4515							56	A1L34		3cm QZ VNS	
L	4515		4608							57	5B3	+(5B6) - Mn-STAINED; GOOSE @ 452.5-454.0		11S ₁
L	4608		4618							58	5D43			
L	4618		4750							59	5B3	+(5A3) ; GOUGE 10% + QZ-CG 30% VNS COMPRISE MUCH. TENS UNIT - DRILLERS' NOTE - THIS FAULT PRODUCED ABUNDANT WATER!	5A ON JE	?
L	4750		4820							60	A1E4	1/2 1/2 ; LOCAL SOLIDINE - SERPINE SOLIDINE INTERC F/W INT = few SF 4L*-CALC + ANK (+ FUCHSITE)		?
L	4820		4959							61	5A3	+(5A6) - 50% BLACK (C) DECREASING TOWARD F/W; SMALL GOUGES AND MISSING CORE TOWARD H/W * INCREASING ANK TOWARD 511		11S ₁

Lithologic Log

Date: 30/5/87

Logged By: GG

UNITS = FEET

Code	From		To		Recov.	No.	Unit	Description	F/W CNT				
	10	14	16	20					22	24	26	28	30	34	35	TYPE	Z
L	49.59		50.32			162	5B216						11S ₂
L	50.32		52.85			163	5B16	common C;					11S ₂
L	52.85		53.30			164	5B31	SERICITIC + MINOR C;	20cm GOUGE				+RUBBLE
L	53.30		56.40			165	5B31	MOD. CHLORITIC; SCULPTURAL					11S ₂
								2-5cm GOUGES TOWARD					
								F/W;					
L	56.40		57.00			166	5B31	(SERICITIC) + (4L*) - CALC					11S ₂
								+ > 20% ANK					
L	57.00		59.00			167	5B31	SERICITIC + 1% C;					11S ₂
								589.5 - 589.7 ft - GOUGE					
								589.7 - 590.0 - 4L* - CALC + ANK					
								ductile (Ank) >>					
L	59.00		59.25			168	A1E1G	+ (4A0) + 4A0 <LOTS>					11S ₂
								PROB. DISRUPTED LAM'S					
								DURING COMPACTION;					
								SULPHIDE RECRYSTALLIN;					
L	59.25		59.88			169	5A16	15% C;					11S ₂
L	59.88		60.12			170	5A31						11S ₂
								INTERCALATED ANK SEC					
L	60.12		60.31			171	4E1X*	+ (4H*) - CALC PERITUS + ANK/SERICITIC					11S ₂
								↳ 10cm AT F/W;					
L	60.31		60.56			172	5A131	+ (4L*) - > 20% ANK					11S ₂
								↳ 15cm @ F/W;					
L	60.56		61.10			173	5B32	609.1 - 611.0 ft - GOUGE					RUBBLE
								4L* ⁵ ANK RUBBLE					
L	61.10		62.78			174	5B32*	1/2 - 5% ANK IN WHITE SILTY BANDS;					11S ₂
L	62.78		63.50			175	5B32*	+ (5B32*) - LOCAL					GOUGE
L	63.50		63.76			176	5B31	+ (5A2); 50% OF UNIT					RZ VN
								COMPRESS GOUGE + 10R;					
L	63.76		65.00			177	5A3*	+ (5B32); 3% ANK					11C
L	65.00		65.84			178	5A31	MINOR ANK;					11S
L	65.84		66.90			179	5B61	+ (5B3)					RZ VN
L	66.90		68.93			180	5B61	669-674 ft 50% 10R					GOUGE
								674-684.3 ft DOMINANTLY					
								[GOUGE]; NOTE RZ VNS					

257

205.4
208.6

UNITS = FEET.

Lithologic Log

Date: 30/5/81 Logged By: GG

Code	From		To		Recov.	No.	Unit	Description	F/W CNT				
	10	14	16	20					22	24	26	28	30	34	35	TYPE	*
L	1684	3	1689	2		81	5B6					QZ VN	
L	1689	2	1690	0		82	4L*	CALCAREOUS; PALE BROWN - DUE TO ABUNDANT FINE LIMONITE?					11S ₂
L	1690	0	1700	2		83	5B6	+ minor (4L*) - CALC; 698.6 - 700.2 ft = QZ-CT VNS + GOUGE				GOUGE	
L	1700	2	1711	2		84	5B6	- FINEGRAINED; 20% OF UNIT = GOUGE + QZ VNS				QZ VN	
L	1711	2	1738	3		85	5B26						11S ₂
L	1738	3	1764	5		86	5B6	+(5B3) - ENTIRE UNIT SLIGHTLY CALC; SEVERAL 2-5cm GOUGE/RUBBLE SECTIONS;					PROB 11S ₂
L	1764	5	1774	8		87	5B3	[3D] - DK BROWN (BIOTITE?) TINT;					11S ₂
L	1774	8	1780	0		88	5B6	+(5D3)					11S ₂
L	1780	0	1800	5		89	5B3	LOCALLY CHLORITIC					11S ₂
L	1800	5	1837	6		90	5B32	+(5B3)				CONTAINS 1cm QZ VN	
L	1837	6	1837	4		91	4H1	+(4L*) @ H/W ANK ~ 5%					11S ₂
L	1837	4	1844	2		92	4L*	2-10 cm IQ NEAR F/W ~ 1 C.A.;				GRADES 3cm.	
L	1844	2	1849	7		93	5B12	16/9 - REALLY 4A7 WITH ONLY 1% SULPHIDES - MAINLY Pφ;				GRADES 3cm.	
L	1849	7	1852	5		94	4L*	ANK - 20%;					PROB 11S ₂
L	1852	5	1876	0		95	5A6	+(4A3); 871.5 - 876.0 - GOUGE;				GOUGE	
L	1876	0	1906	6		96	4A3	+(5A6) + minor (4A4); THIS IS A ZONE OF GRADATIONAL 4A-5A;					NOTE - 4A3 IS NOT VERY SILICIOUS 11S ₂
L	1906	6	1911	2		97	4L3						PROB 11S ₂
L	1911	2	1922	0		98	5B46	+(4L0);					PROB 11S ₂
L	1922	0	1940	6		99	4A3	+(very minor 4LYANK);					PROB 11S ₂
L	1940	6	1942	8		100	A51	+(4L* - 5% ANK).					

UNITS = FEET

Code	From		To		Recov.		No.		Unit		Description	F/W CNT	
	10	14	16	20	22	24	26	28	30	34		35	TYPE	X
94.6	L	19.4	28	19.6	65			1.01	5A19	16	1/6 - ~1% Py; V. SILICEOUS; DECREASES TOWARDS P/W;		
											BLACK (C) 50%; LOCALLY MOD CALC;		
											THIS IS THE LATERAL "FREQUANT SHALE" EQUIV OF ORG;	GRADES OVER 1.M	
											948-950ft - NO CORE & POOR RECOVERY. (18 ft TOTAL) THROUGH MOST OF SECTION;		
12.8	L	19.6	65	110.2	62			1.02	5A16	60%	BLACK (C); NO SULPHIDES; 5cm GOUGE		
											1018.2 - 1018.8 ft = 1 GOUGE		
314.9	L	110.2	62	110.3	32			1.03	5B16		+(5A6).		11S.
316.1	L	110.3	32	110.3	72			1.04	5A16				11S.
319.4	L	110.3	72	110.4	79			1.05	5A16		+(5B62); MINOR LOCAL 2cm GOUGE;		11S.
322.5	L	110.4	79	110.5	81			1.06	4L2		+(5B6); NOTE PYRITIC SECTIONS ARE AL AND NON-PY ARE 5B → 2% PY MAY BE A CAUSE OR EFFECT CATALYST TO CHANGING 5B → 4L; IS THIS 4L2 A METASOMATIZED 4A3;		11S.
23.3	L	110.5	81	110.6	07			1.07	4A3		THIS SHOWS NO EFFECT OF CONVERSION TO 4L2 BUT IT DOES NOT HAVE AS MUCH PY AS DOES THE ABOVE 4L2;		11S.
324.4	L	110.6	07	110.6	44			1.08	4G8		+(MINOR 4K0 @ H/W) + (4G4 & 8 - LOCALLY V. CALC);		
325.1	L	110.6	44	110.6	65			1.09	4A0		+(MIXED BAG → (4L*ANIL) + (4E8 @ H/W) + (4G48)		11S.
328.6	L	110.6	65	110.7	81			1.10	4A3		+(4A4) → 30cm @ H/W + MINOR ELSEWHERE;	PROB	11S.
330.1	L	110.7	81	110.8	30			1.11	4G8		+(4G8 - PY ONLY).		
330.5	L	110.8	30	110.8	44			1.12	5B26		(@ F/W) + (4L6 @ H/W) + (4A0)	PROB	11S.

UNITS = FEET.

1.1
5.0
35.3
37.9

40.2
34.6
4.0
1.45
34.5
36.5

Code	From				To				Recov.	No.	Unit	Description	F/W CNT	
	10	14	18	22	26	30	34	35					TYPE	Σ
L	10.844		10.864			11.3			11.3	AE8A				11S ₂
L	10.864		10.990			11.4			11.4	5B26	+ (4A4-minor); mod siliceous			11S ₂
L	10.990		11.000			11.5			11.5	4E11				11S ₂
L	11.000		11.085			11.6			11.6	5A6*	-ANK. + minor (4C2);			11S ₂
											NOTE - THIS WHOLE SECTION IS A TRANSITION ZONE COMING OUT OF A BLACK HOLE & INTO GRN - BUT WHICH DIRECTION?			
L	11.085		11.163			11.7			11.7	5B26	+ (5A6)			PROB 11S ₂
L	11.163		11.174			11.8			11.8	4E18	HIGH GRADE 4E ²⁴ H/W HALF;			11S ₂
L	11.174		11.287			11.9			11.9	4A10				11S ₂
L	11.287		11.320			12.0			12.0	5A6	+ (4A4) + (4E0)			11S ₂
L	11.320		11.400			12.1			12.1	4C5	+ (COMPACTION?) BRECCIA			11S ₂ II
											REMNANTS OF 4A3;			
L	11.400		11.860			12.2			12.2	5A6	+ (4A3) → DECREASING DOWNHOLE;			
											115.9 - 117.2 ft - [GOUGE] & TECTONIC BRECCIA ZONE			
											116.8 - 116.7 ft - RUBBLE + [GOUGE] ZONE;			
											END OF HOLE @ 1186 ft. (361.5m)			

DDH FAGA060

Cyprus Anvil Mining Corp.

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UNITS = FEET

Structural Log

Date: 3/5/81 Logged By: GG

44 → Z
 → 47-S
 → 90-M
 +P
 → 125-S
 → 200-S
 tm
 tmin
 Z.

Code	From				To				Feature	E S	S ₀		S ₁		S ₂		Description + REVERSING S-Z-S-Z
	10	14	16	20	22	24	26	28			32	34	38	40	44		
S				3100	CSZ									712			M-REGION 28'-200'
																	GOUGE - 43.6 - 44.4ft
																	H/W = 50/100 [SLICED SIDE]
																	F/W = ?
S				1510	CSZ									714			TENSION GASHES
																	Common 50-
																	50-75ft = 0-20°/250-300°
																	75-140ft = ~0° - WRT S ₂
																	140-230 ft = 10-30°/150-250°
S				1700	CSZ									712			
S				1900	CSZ									70			
S				1110	CSZ									716			
S				1300	CSZ									718			
S				1500	CSZ									719			
S				1700	CSZ									72			
S				1900	CSZ									68			
S				2100	CSZ									611			GOUGE CNTS?
S				22250	PSZ									611			MILLIMETER OFFSETS ALONG
																	ON QZOSE COMPOSITIONAL
																	BAND SHOW H/W
																	MATERIAL MOVING DOWN DIP
																	WRT. F/W MATERIAL;
																	GOUGE @ 227.4 - 227.1ft
																	- CNTS ?
S				2530	CSZ									711			MA-REGION 245-257ft
																	(S-REGION 229-245)
																	GOUGE - 257.0 - 263.3ft →
																	H/W CNT? F/W CNT = 65/00??
S				2750	CSZ									67			GENERALLY 2(?) 263 → 310
S				3000	CSZ									52			TENSION GASHES ALONG
																	D ₅ KINIC ^{ARCS} @ ~30/180° @ 300-328
S				3200	CSZ									67			MA-REGION - 310 - 323
																	S-REGION (?) 323 - 328+
S				3370	CSZ									57			S-FOLIATION (NOT BANDING) / S
																	331.0 - 333.3 - FAULT →
																	H/W = 47° to CA

WRT S₂
 WRT S₂



F/W = 67/00° C.A.M.C. 1981-E-4
 WRT S₀ @ 47°

DDH EAGA 060
2 8

Cyprus Anvil Mining Corp.

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UNITS = FEET

Structural Log

Date: 3/5/81 Logged By: GG

Code	From		To		Feature	S ₀ Dip Direct.	S ₁ Dip Direct.	S ₂ Dip Direct.	Description			
	10	14	16	20						22	24	26	28	32	34	38	40	44
									GOUGE @ 339.3-340.5ft →			
									CNTS || C.A. ??			
S			3580		CSZ	64			S-BAND & S-FOLIATION -			
									AGAIN IMPLICATION THAT			
									S-BANDS ARE TRANSPOSED			
									BY D ₂ !			
S			3810		CSZ	70			S-BANDS & S-FOLIATION;			
S			4010		CSZ			710	QZ-VNS || S ₂			
S			4210		CSZ			612				
S			4410		CSZ	48			S-BANDS			
									GOUGE 452.5-454.0 →			
									CNTS || S ₂			
S			4610		PSZ			413				
S									461.8-475.0 - GOUGE			
									& VN CNTS typically			
									0-20° TO C.A.			
S			4810		CSZ	75			S-BANDS			
S			5020		PSZ			76				
S			5240		PSZ			72	TENSION GASHTES -			
S			5450		PSZ			73	530'-570' = 10-30°/~270°			
S			5650		PSZ			81				
S			5810		PSZ			81				
S			5911		PSZ			34	BI-LATERAL SYMMETRY IN CORE			
									SUGGESTS THIS IS			
									A ^{TIGHT} FOLD NOSE;			
S			6110		PSZ			710				
S			6310		CSZ			73	POSS. S-REGION			
S			6510		CSZ			80	Z-REGION			
S			6618		CSZ			715	669-689 - QZ VNS || S ₂			
S			6910		CSZ			710	GOUGE CNTS ?			
S			7080		CSZ			84	QZ VNS || S ₂			
									MOST ^{LOCAL} GOUGE CNTS ?			
									ONE GOUGE CNT = 44/310			
S			7280		CSZ			716				
S			7480		CSZ			716	TENSION GASHTES 740-770'			
									@ 0-30°/~300°			

DDH FAGA060

Cyprus Anvil Mining Corp.

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UNITS = FEET

Structural Log

Date: 31/5/81 Logged By: GG

Code	From		To		Feature	E/W	S ₀		S ₁		S ₂		Description
	10	14	16	20			Dip	Direct	Dip	Direct	Dip	Direct	
S			7.6	8.0	CS ₂						9.0		M-REGION - 760' - 830'
S			7.8	8.0	CS ₂						8.0		
S			8.1	10.0	CS ₂						7.8		
S			8.3	10.0	CS ₂						8.5		830-855 - S-SYMMETRIC
S			8.3	8.5	CS ₂						7.0		40 cm S-fold in 4H.
S			8.4	17.0	CS ₂			2.0	10.0		6.7		855-885 - Z-SYMMETRIC
S			8.7	10.0	CS ₂						8.5		
S			8.9	10.0	CS ₂						7.6		885-900 - M-REGION
S			9.1	10.0	PS ₂						6.5		900-920 - P - "
S			9.3	10.0	CS ₂						3.6		920-940 - S-REGION
S			9.4	10.0	PS ₂						5.0		940- - P-REGION
S			9.6	10.0	PS ₂						7.2		
S			9.8	10.0	PS ₂						7.7		
S			10.0	10.3	PS ₂						7.5		
S			10.2	10.4	PS ₂						4.8		1018.2 - 1018.8 - GOUGE =
S			10.4	10.4	PS ₂						7.0		CNTS 11S ₂ ?
S			10.6	10.2	CS ₂		8.0						S-BANDS
S			10.8	10.2	CS ₂		5.5						S-BANDS
S			10.9	10.2	CS ₂						9.0		S ₂ Z? REGION - GOOD LITHOLOGY
S			11.1	10.2	CS ₂						5.8		+P-ZONE
S			11.3	10.2	CS ₂						9.0		
S			11.5	10.2	CS ₂						9.0		
S			11.7	10.2	PS ₂						8.1		
S			11.8	10.5	PS ₂						7.4		
													END OF HOLE @ 1186 ft.

ASSAY LOG (SAMPLER'S COPY)

CODE	FROM				TO				SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
	1	10	14	16	20	22	26	28						30	32	34	36	40	42
A		3280			3310			161194	30	30		4L14	+(4L3*)
A		3310			3360			161195	50	55		4G4	+(4E1)
A		3360			3388			161196	28	28		4G14	
A		3388			3414			161197	26	24		4L32	+GOUGE 4
A		3414			3471			161198	47	50		4L*	SD4*
A		3471			3518			161199	47	48		4L*	+(4L3*) SD4*
A		3518			3590			162010	72	72		4G4	
A		3590			3636			162011	46	49		4G4	+(4G483)
A		3636			3666			162012	30	30		4L0	+(4L1)
A		3666			3725			162013	59	64		4D7*	+(4H4) + (4D784)
A		3725			3753			162014	28	28		4G84	
A		3753			3816			162015	63	65		4E18 46	+(4G4) 4E*
A		3816			3880			162016	64			4L0	+(4L*) + (4L3*); PREVIOUSLY PARTIALLY
													SAMPLED BY K.A. (381.6-382.7)
													382.7-388.0 - 1/2 CORE.
													TAKEN BY CYPRUS IN
													ADDITION TO REMAINING
													CORE FROM K.A. ASSAYS;
A		41060			41132			162017	72	75		4L0	+(4D48)
SPLIT {	A	41132			41176			162018	44	41		4L0	NOT PREVIOUSLY ASSAYED BY K.A.
	A	41176			42110			162019	34	34		4L0	
SPLIT {	A	42110			42177			162110	67	75		4L0	? NOT PREVIOUSLY
	A	42177			4345			162111	68	69		4L0	+(4L24) ASSAYED BY K.A.
	A	4345			4385			162112	40	42		4E4*	±2/*
	A	4385			4425			162113	40	40		4E4*	±2/*
	A	4425			4490			162114	65	76		4G*	*
	A	4490			4515			162115	25	25		4L34	
	A	4750			4820			162116	70	36		4E4	±1/±6
	A	5900			5925			162117	25	25		4E0	+(4A0)
	A	6012			6026			162118		20		4D4*	+(4H*) 4E*
SPLIT {	A	8442			8497			162119	55	51		5B12	6/9/ → 4A7 WITH LOW SULPHIDE

ASSAY LOG (SAMPLER'S COPY)

Date 1 June 81

Sampled by LS

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
I	10 14 16 20 22 26 28 30 32 34 36 40 42						
	8520	8600		180			LOW GRADE - SEE K.A. ASSAY
A	8760	8810	16220	150	155	4A3	+(SAG)
A	8810	8876	16221	166	156	4A3	+(SAG) NOT PREVIOUSLY
A	8876	8942	16222	166	173	4A3	+(SAG) SAMPLED BY K.A.
A	8942	9000	16223	158	159	4A3	+(SAG)
A	9000	9066	16224	166	164	4A3	+(SAG)
A	9220	9286	16225	166	168	4A3	
A	9286	9352	16226	166	171	4A3	
A	9352	9406	16227	154	156	4A3	
A	9406	9428	16228	122	124	4E1	
A	10581	10607	16229	126	127	4A3	
A	10607	10644	16230	137	131	4G48	
A	10644	10665	16231	121	129	4A3	+(4L*)+(4E8)+(4G48)
A	10665	10723	16232	158	158	4A3	+(4A4)
A	10723	10781	16233	158	161	4A3	
A	10781	10830	16234	149	145	4G48	+(4G8-P) ONLY
A	10830	10864	16235	134	133	4E8	+(5B26)
A	10864	10932	16236	168	176	5B26	
A	10932	11000	16237	168	185	5B26	+(4E1)
	11114	11116		119			LOW GRADE - NOT SAMPLED - SEE
A	11116	11225	16238	162	173	4A3	+(4E48)
A	11225	11287	16239	162	161	4A3	
A	11320	11400	16240	180	188	4C5	
A	11400	11466	16241	166	168	5A6	+(4A3); NOT PREVIOUSLY SAMPLED BY KA.
							END OF HOLE @ 1186 ft

SPLIT

SPLIT

SPLIT

K 50

Feet

FAULT

DDH F.A.G.A.O.60
2 8

Cyprus Anvil Mining Corp.

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Structural Log

Date: _____ Logged By: _____

Code	From		To		Feature	S/E	S ₀		S ₁		S ₂		Description			
	10	14	16	20			22	24	26	28	32	34		38	40	44
F	1436		1444		GB		50	0	0	0			gauge & broken core			
F	11013		11123		1G								minor 2cm gauges			
F	121038		121040		1G								} gauges w/ qtz veins			
F	121014		121019		1G											
F	1210156		1210182		G											
F	121093		121097		1G											
F	121274		121291		G								gauge			
F	121570		121633		G						65	0	0	0	gauge	
F	1216180		1216183		1G										fuchsike gauge	
F	121913		121918		P1G										2cm gauge recovered	
F	1313126		1313133		X1							67	0	0	0	brn upper part sulphide - healed
																lower part silicas healed
F	1313133		1313160		X1Q											vuggy calcite veins - locally bixiated
F	1313160		1313188		D1											5% in <1mm qtz eyes
F	1313193		131405		G		01	0	0	0		01	0	0	0	gauge // core axis
F	1316166		131725		X1D1?											local 4L0 brn clasts in 4D74 matrix - prob. not fault
F	1317153		1317195		X1D1?											local (<10cm) ragged brn
F			1318116		X1Q1											30 cm qtz - @ vein brn w/ HE clasts
F	1319170		1319180		Q1X1											calc - qtz vein brn - healed fit.
F	1410197		141108		1X1											slightly bixiated
F	1415125		1415140		G		919	919	919			919	919	919		gauge // S ₂
F	1416118		1417150		G1Q1F											gauge + qtz-carbonate veins - 0.2 produced water during drilling C.A.
F	1417150		1418120		X1D1?											sulphide - healed, sulphide brn
F			1516140		11G											several 2-5cm gauges
F			1518196		11G											gauge
F	1519100		1519125		X1D1?											4A0 clasts in 4E0
F	1610191		1611110		GR											gauge + rubble
	1613150		1613176		GQ											50% of unit gauge + 10Q0
F	1617140		1618143		G											dominantly gauge
F	1616190		1617140		Q				9.9	9.9	9.9					50% 10Q0

feet

FAULT

DDH F.A.G.A.060
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Cyprus Anvil Mining Corp.

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Structural Log

Date: _____ Logged By: _____

Code	From				To				Feature	E Dip	S ₀		S ₁		S ₂		Description	
	10	14	18	20	22	24	26	28			Dip	Direct.	Dip	Direct.	Dip	Direct.		
F	16	19	18	6	17	0	0	2	QIG									2 ft - carb. veins + gauge
F	17	0	0	2	17	1	2	7	1IGQ									20% of unit gauge ← + quartz veins
F	17	3	8	3	17	6	4	5	1IGR									several 2-5 cm gauge + rubble zones
F	18	7	1	5	18	7	6	0	G									gauge
F	19	4	2	8	19	6	6	5	P	7								18 ft / 23.7 ft recovery
F	19	4	1	8	19	5	1	0	CNP									no core
F	11	1	1	8	11	0	1	8	G									gauge 1018.2-1018.8 bxa
F	11	1	5	9	11	1	5	7	XIG									gauge & tectonic bxa
F	11	1	6	5	11	1	6	6	RIG									rubble & gauge zone

one gauge
44/310

DDH FAGA060

Cyprus Anvil Mining Corp.

Page 11 of 17

UNITS = FEET

²⁸ GEOTECH Lithologic Log

Date: 3/5/81 Logged By: GG

Core	From	To	Recov.	No.	Unit	Description
1	10	14	16	20	22 24 26 28 30	34 35
	3.31	0				HANGINGWALL → (SB6 + (4L1))
						MOD. COMPETENT 10ft ORE off
		A.82	0			FOOTWALL → (SA3)
						ORE off V. GRAPHITIC - PARTS INTO 1-3 cm PIECES (138 CORE) 10ft
	5.91	0				HANGINGWALL → (SB3)
						COMPETENT 10ft ORE off Gouge
		16.10	26			FOOTWALL → (SB32 + (SA6))
						ORE off GENERALLY COMPETENT - 10ft BUT MINOR GOUGES & LOCALLY V. GRAPHITIC

CHECK FEELING

Monday

NOVEMBER

JANUARY

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

23

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

DEC. 1974

ABO

DEC-15/75

No change in WHAUS

Re-checked
(Phil)



DIAMOND DRILL RECORD

LOGGED BY _____

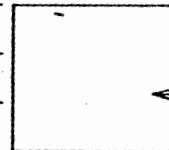
PROPERTY _____

D.D.H. No. A - 60 PAGE 2 of 14

LATITUDE _____

BEARING OF HOLE _____

STARTED _____



CLAIM No. _____

DEPARTURE _____

DIP OF HOLE _____

COMPLETED _____

DIRECTION AND DISTANCE FROM

ELEVATION _____

DIP TESTS _____

DEPTH _____

NE. CLAIM POST

FOOTAGE		DESCRIPTION	Rec. Ft.	FOOTAGE		SAMPLE LENGTH	ASSAY			
FROM	TO		XXXXXX	FROM	TO					
86	167.4	QUARTZ-SERICITE PHYLLITE. Med grey to dark grey 65 - 70% qtz. Banded. Light grey qtzose bands and med. dark grey ser foliations Fl moderately developed. Increasingly darker ser to 167'. Many tension cracks fractures, slips and shears, esp the last two from 101 - 143'. C.A.: 85 at 86 - 92'; 70 at 93 - 99'; 75 at 100 - 104'; (shear at 104.5), 60 at 105'; (shear at 108); 80 at 106'; (40' shears at 109 - 111); 75 at 112'; (shear at 113.5 - 114.5); 65 at 115'; 75 at 117'; (shear at 121'); 60 at 122'; 85 at 123'; 70 at 124 - 146'; 75 - 80 at 148 - 167'.	19/19 62/ 62.4	86	105 167.4					
167.4	182.7	QUARTZ-GRAPHITE AND QUARTZ-SERICITE PHYLLITE Striped graph phy - thin bands, with bands green-grey ser. at 170.1 (0.1), 170.9 - 173.6', and 173.9 - 174.9'. Graph phy upper contact gradual change, lower contact sheared for about 2 - 3 feet. Much shearing and fracturing of graph phy but none in ser. phy. C.A.: 90 at 167'; shear at 168.3 at 70 foliation bent, displacement unknown, 75 - 85 at 169 - 174'; 65 at 175.5'; 75 at 177'; 70 at 178'.	13.0/ 15.3	167	182.7					

Grey

100' - Fl well

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. A - 60 PAGE 4 of 14

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	
		C.A.: 50 at 296'; 60 at 298'; 75 slip at 299'; 60 - 45 at 300'; 40 at 301'; 30 at 303'; 50 at 305'; F2 fold nose at 307.3'; 60 at 308'; 75 at 310'; 65 at 311'; 80 slip at 311.5'; 75 at 315'; 60 at 317'; 50 at 319'; 60 at 321 - 326'.														
327.1		The following sections are actually one thick zone of bleached rocks - sericitic phyllites; locally sheared, brecciated and sometimes pulverized. Generally, the phy contain a rather low percentage of sulphs. Within the zone are sections of sulph concentration, mainly py with moderate values in PbZn, rich in barite. Magnetite is noted in some sections. and pyrr is a minor occurrence. Description of this zone is as follows:														
327.1	382.7	MAIN SULPHIDE ZONE. Barite rich. Also Magnetite	0.9/ 0.9		327.1	328.0										
		The zone contains two barite rich sulphide sections with moderate values in PbZn and intervening ser. phy with minor sulphs.	2.3	1074	330.7	2.7	.28	.24	.12]						
		327.1 - 330.0': buff ser, 0.4 py, 0.2 PbZn	5.1	1075	335.8	5.1	5.18	7.08	2.29	]			26.42	30.11	11.68	
		- 330.7': buff ser, talcy but firm, 3 py, 2 PbZn	2.8	1076	339.0	3.2	7.50	9.71	3.59	]			24.00	31.07	11.49	
		- 332.1': mass. sulphs, 50% porous, 55 py, 10 PbZn	1.8	1077	341.3	2.3	3.53	3.78	2.21	]			8.12	8.69	5.08	
		- 332.7': buff sheared ser, negl. sulphs.	4.7	1078	346.0	4.7	.09	.12	.09	]			.42	.56	.42	
		- 335.8': mass. sulphs, sulph breccia in qtz-carb matrix	2.9	1079	348.9	2.9	.15	.15	.12	]			.44	.44	.35	
		at 334.2 - 334.9', 70 py 7 PbZn	2.6	1080	351.8	2.9	1.60	.54	.85	]			4.64	1.55	2.47	
		- 339.0': barite rich (30%?) sulphs, 20 py, 10-12 PbZn, dissem, faint bands	6.8	1081	359.0	7.2	7.35	8.76	3.27	]			52.62	63.07	23.54	
		- 341.5': pulverized qtz-ser, white talc cemented loosely, bands sulphs, 4 py, 2 - 3 PbZn	4.6	1082	363.6	4.6	7.28	7.56	3.24	]			33.49	34.73	14.90	
		- 346.0': green-buff ser, negl. sulphs. F1 fold nose at 343.7'.	2.1	1083	365.7	2.1	.24	.25	.12	]			0.50	0.53	0.25	
		- 348.9': Highly altered buff and talcy ser, re-folded or contorted. F1 noted. brecciated and healed. 2 py, 0.5 PbZn.	8.3	1084	374.0	8.3	3.68	3.18	1.27	]			30.54	26.29	10.54	
			7.0	1085	381.0	7.0	5.18	5.04	2.35	]			36.26	35.18	10.45	
			1.7	1086	382.7	1.7	.68	.51	.56]						
					330.7	341.3	10.6	5.52	7.16	2.67	wt. Av		58.54	75.87	23.25	
					341.3	351.8	10.5	7.60	8.29	3.26	wt. Av		5.50	2.55	3.24	
					351.8	362.6	11.8	7.32	8.29	3.26	wt. Av	o	86.41	97.85	23.44	
					365.7	381.0	15.3	4.37	4.03	1.76	wt. Av	o	66.80	61.67	16.99	
					361.8	381.0	29.2	3.21	5.48	2.35	(7.1)		93.71	150.05	45.63	

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. A - 60 PAGE 5 of 14

LATITUDE _____ BEARING OF HOLE _____

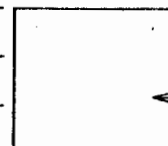
STARTED _____

DEPARTURE _____ DIP OF HOLE _____

COMPLETED _____

ELEVATION _____ DIP TESTS _____

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	
		348.9 - 351.8': 60% pulverized - white talc, banded sulphs also 0.3' mass sulphs. Av. 4 py, 1.5 - 2 PbZn. C.A.: 70 at 328'; 90 at 330'; 75 at 331'; 55(?) at 332'; 70 - 75 at 334'; 70 at 336'; 30 at 339 - 341' (Fold?); 70 at 342'; 55 at 345'; complicated folds at 346 - 350', 75 at 351'; 70 contact at 351.8'. 351.8 - 363.6': qtz and barite rich (20 - 45 qtz + 5 - 20 barite), uniform 35% py, (8 - 10)? PbZn, dissem and blebs mag 0.4%. 363.6 - 365.7': buff ser, minor sulphs. shear contact 70 at 363.6// - 374.0': mass. sulphs with remnant narrow bands ser, minor scattered pyrr, bands mag from 371 - 374' (0.8% mag), 40 - 45% py, 8 PbZn, minor barite. - 381.0': mass py sulphs and barite rich sulphs, av 50 - 55 py, 6 - 8 PbZn - 382.7': Brecciated qtz in sulph and brecciated qtz-ser, 20 py, spots pyrr. 0.1 PbZn. C.A.: 65 at 352'; 75 at 354 - 359'; 70 at 360'; 50 at 361'; 65 at 365'; 45 at 368'; 75 at 70'; 80 at 374'; 75 at 379'; 50 at 381'; 55 at 382'; 70 shear at 382.7.														
382.7	434.3	QUARTZ-SERICITE PHYLLITE, Altered and Bleached. Minor sulphides. 60 - 65% qtz. Highly altered, rocks bleached to buff and/or grey. buff color. Moderate shearing, fracturing, minor brecciation Intermittent sections of minor sulphs. Tan colored carb filling of fractures, cracks and breccia filling common. 382.7 - 389.2': 1% py, 0.1 PbZn. Slips 40° to core. buff color - 397.0': buff-grey, odd speck sulph (py) - 399.0': sheared and brecciated - 409.0': bleached buff, tight slips, some with gouge, fuschite min at 402.5 - 403.4. Occasional py, minor PbZn	9.3/ 11.3		382.7	394.0										
			11.9/ 11.9			405.9										
			3.1	1087	409.1	3.1	.19	.11	.06					.93	PbZn	
			2.7	1088	413.2	4.2	.84	.77	.38					6.76	"	
			3/4.4		413.2	417.6										
			2.6	1089	421.0	3.4	.78	.85	.29							
			12.0/ 13.3			434.3										
					405.9	413.2	7.3	1.05	PbZn		6.11	N		7.69	PbZn	

DIAMOND DRILL RECORD

LOGGED BY _____

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

D.D.H. No. A - 60 PAGE 6 of 14

CLAIM No. _____

DIRECTION AND DISTANCE FROM

NE. CLAIM POST

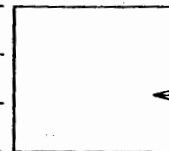


FOOTAGE		DESCRIPTION	Rec. Ft.	Sample No.	Footage		Sample Length	Assay					Assay x Feet			
FROM	TO				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag	
		409.0 - 413.2': as above with bands mass py, 0.4% PbZn - 417.6': buff ser, negl. sulphs. - 421.0': buff ser, 2 py, 1 PbZn - 434.3': buff ser, 1 - 2 py, no PbZn C.A.: 70 at 399 - 405'; 75 at 406 - 410'; 50 at 411 - 413'; 85 - 75 at 415 - 420'; 60 at 422'; 85 at 423'; 75 at 426'; F1 at 433'.														
434.3	449.5	CENTRAL SULPHIDE ZONE. Mass sulphs - brecciated. Mod. barite-Mag. Mass. py. fractured, parts brecciated and re-cemented. Variable PbZn, barite, qtz and mag. Sericite inclusions (bands). Folds noted at 442 - 448.5. F1 + F2. barite rich occur at noses (?) 434.3 - 435.4': 60 py, 14 PbZn, barite rich - 437.7': 75 py, 0.2 PbZn, spot mag buff ser band at 437 - 437.4'. - 444.4': 70 py, 7 PbZn. 2% mag at 437.7 - 439.3', sulph brecc at 441.8 - 444.4'. Local rich barite bands. - 446.1': 20 py, 1 - 5 PbZn. 444.4 - 446.1 qtz-ser-sulphs. 447.6 - 448.3 barite rich. - 449.5': 65 py, 9 PbZn C.A.: 70 at 435'; 55 at 437'; 70 at 439'; 45 at 445'; 30 at 448'; 40 at 449'.														
			3.0	1090	434.3	437.7	3.4	2.78	2.82	1.44						
			6.0	1091		444.4	6.7	5.55	4.74	1.88			37.18	31.76	12.59	
			5.1	1092		449.5	5.1	4.73	4.80	1.59			24.12	24.48	8.06	
					437.7	449.5	11.8	5.19	4.77	1.75	wt. 11v.		61.30	56.24	20.05	
					434.3	449.5	15.2	4.65	4.32	1.68	" -					

DIAMOND DRILL RECORD

LOGGED BY _____

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



D.D.H. No. A -60 PAGE 8 of 14

CLAIM No. _____



DIRECTION AND DISTANCE FROM

NE. CLAIM POST

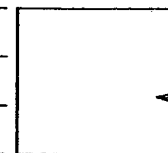
FOOTAGE		DESCRIPTION	Rec. Ft.	Sample No.	Footage		Sample Length	Assay				Assay x Feet			
FROM	TO				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag
528.5	589.3	QUARTZ-SERICITE PHYLLITE, Pale grey alteration 60 - 65% qtz, white qtzose bands and pale grey ser with thin foliations buff ser. Locally more bleached. Minor shears and slips, some tension cracks. Odd Py. C.A.: 75 - 85 to 543'; 70 - 75 at 543 - 553'; 80 - 85 shears at 552 - 554'; 70 at 555'; 80 - 85 at 561 - 572'; 70 at 573 - 586' shear at 587'. 55 at 588'; 50 ^o slip at 588.3'; 75 at 589'.	50/ 60.8		528.5	589.3									
589.3	590.4	FAULT 589.3 - 589.9': fault gouge - light grey ser and dark grey to black graph. lower contact at 35 ^o sharp. - 590.4': pale grey ser phy.	0.6/ 0.6 0.5/ 0.5		589.3	589.9									
590.4	606.7	QUARTZ-SERICITE-GRAPHITE PHYLLITE WITH SULPHIDE BANDS 50 - 60% qtz. Dark grey to black. 20 - 30 ser, 5 - 20 graph. Zone sheared, contorted and locally brecciated. 590.4 - 592.5': bands mass. py, 25 py, 0.2 PbZn - 600.5': graph phy, minor py at contact - 602.6': mass. sulphs, 55 py, 10 pyrr, 1 - 2 PbZn - 606.7': negl. py, ser-graph phy. C.A.: 45 at 591'; 15 at 592.5'; 65 at 593'; 60 at 596'; 55 at 597'; 70 at 598'; 40 at 599.5'; 40 ^o contact at 600.5'; 70 approx. contact at 606.7'.	2.1 7.4/ 8.0 2.0 3.2/ 4.1	1095 1096	590.4 600.5 602.6 606.7	592.5 600.5 602.6 606.7	2.1 2.1	1.55 1.13	1.86 1.02	.56 .59					


DIAMOND DRILL RECORD

LOGGED BY _____

D.D.H. No. A - 60 PAGE 12 of 14

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



CLAIM No. _____

 ← DIRECTION AND DISTANCE FROM
 NE. CLAIM POST

FOOTAGE		DESCRIPTION	Rec. Ft.	Sample No.	Footage		Sample Length	Assay			Assay x Feet			
FROM	TO				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag
922.0	1048.1	QUARTZ-GRAPHITE PHYLLITE	14/14 2.5/3		922.0	936.0 939.0								
		70% qtz. Med. grey qtzose bands and black graph bands. F1 folds to 925', and at 1015 - 1024. Generally 1 - 2% py, locally up to 4%. 922 - 938.7 - spots PbZn.	3.4 0.9/ 1.3	1100	942.7	944.0	3.7	1.30	1.14	.47				
		939 - 942.7': buff ser phy with carb and bands mass py, sheared to brecciated, 1% PbZn	2.7/4 N.C.		948.0 950.0									
		951 - 951.8(?): mass. py with 8% PbZn.	1.6/5		955.0									
		C.A.: 70 at 922'; 60 at 924'; 50 at 928'; F2 fold at 929'; 0 at 929 - 929.5'; 60 at 930'; 35 at 931'; 55 at 932'; 65 at 934'; 70 at 936'; 60 at 944'; 80 at 948'; 65 at 954(?)' - 960'; 70 at 961'; 90 at 964'; 85 at 966'; 70 at 967'; 80 at 973'; 70 at 1020'; 60 at 1022 - 1024'; shear at 1025 - 1026'; 70 - 80 at 1027 - 1039'; shear at 1039.5; 80 - 85 at 1040 - 1048'.	17/20 1.6/10 3.7/13		975.0 985.0 998.0									
			8/8		1016.0									
			30.8/ 32.1		1048.1									
1048.1	1058.0	QUARTZ-SERICITE PHYLLITE. Altered, Buff-grey												
		65% qtz. Thinly foliated buff + grey ser. Firm rock. 3% py dissem within bands, no PbZn noted. C.A. 75 - 85°	9.9/ 9.9		1048.1	1058.0								
1058.0	1061.5	QUARTZ-GRAPHITE PHYLLITE												
		Intensely sheared and contorted. 3% py, one 3/8" band rich Zn seen a few specks Zn elsewhere.	2.2	1221	1058.0	1061.5	3.5	.39	.51	.24				

FAGA084

DRILL HOLE : FAGA084
NORTHING : 904,984.3
EASTING : 592,128.6
ELEVATION : 1,297.3
TOTAL DEPTH : 456.6
SECTION : W 78
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: 30
NOS DOWN-H-SURVEYS: 7
NOS DOWN-H-LITHOLOGY: 140
NOS DOWN-H-STRUCTURE: 74
NOS DOWN-H-FAULTS: 35
NOS DOWN-H-SPLINES: 7
NOS COMPOSITES: 0

DDH: FAGA084 UTM-N: 904,984.3 UTM-E: 592,128.6 UTM-ELEV: 1,297.3 TOTAL DEPTH: 456.6 SECTION: W 78
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

-----DEPTHS-----		SAMPLE NO.	INT.	REC.	ROCK UNIT	S.G. PULP	-----ASSAYS-----												
FROM	TO						CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
148.7	149.2	11701	.5	.5	4E8		.23	1.19	.85	27.00									
151.2	152.4	11702	1.2	1.1	4E8	3.37	.19	.97	1.02	25.00			.47	9	11	21			
152.4	153.2	11703	.8	.7	4E1#	3.47	.28	1.53	1.67	40.00			.34	6	15	22			
153.2	153.5	11704	.3	.2	4E4	3.64	.05	6.90	8.19	72.00			.27	3	14	18			
200.4	201.1	11705	.7	.5	4E1		.08	.34	.40	13.00									
215.5	215.6	11706	.1	.1	4A0		.04	.42	2.70	13.99									
215.6	216.7	90367	1.1	.0	4L14			3.08	4.86	45.29									
216.7	219.2	90368	2.5	.0	4G4			5.62	8.88	91.90									
219.2	220.5	11709	1.3	1.3	4A0		.02	.39	.72	9.00									
253.4	254.6	90369	1.2	.0	5B49			1.30	1.84	20.19									
254.6	255.8	90370	1.2	.0	4E47			4.92	5.09	54.50									
255.8	256.2	11712	.4	.3	4C75		.14	1.66	2.70	37.00									
256.2	257.9	11713	1.7	1.7	4A13		.13	.14	.22	6.99									
257.9	258.3	11714	.4	.4	4E1		.11	1.12	1.25	27.00									
258.3	258.8	11715	.5	.5	4G0		.14	1.37	1.37	26.00									
258.8	259.1	11716	.3	.3	4E17		.10	.81	.65	24.00									
277.8	277.9	11717	.1	.1	4E17	3.77	.08	1.79	2.20	43.00			.07	13	18	32			
277.9	278.6	11718	.7	.7	4L0	3.35	.08	1.11	1.05	24.00			.20	6	13	19			
278.6	279.8	11719	1.2	1.2	4K81	3.77	.10	1.20	1.26	27.00			.55	5	23	29			
279.8	280.1	11720	.3	.3	4K1		.10	.27	.11	17.00									
280.1	280.6	11721	.5	.4	4A1		.08	.20	.10	6.99									
280.6	281.0	11722	.4	.4	4K1		.10	.51	.35	18.00									
282.7	283.6	11723	.9	.8	4E1		.01	.07	.31	6.00									
283.6	284.4	11724	.8	.6	4A0		.05	.08	.46	3.99									
284.4	286.7	11725	2.3	2.3	4K1		.11	.22	.19	13.00									
286.7	287.7	11726	1.0	.9	4A1		.05	.66	1.24	14.99									
314.1	316.0	11727	1.9	1.8	4A31		.16	.07	.27	6.99									
318.5	318.8	11728	.3	.2	4G8	3.95	.13	3.20	2.70	42.00			.89	7	20	28			
318.8	319.1	11729	.3	.2	4L12	3.62	.16	2.70	1.59	40.00			.27	13	12	25			
319.1	319.3	11730	.2	.2	4C0	3.39	.13	2.70	1.86	39.00			.27	10	9	20			

WEIGHTED AVERAGE

148.7	149.2		.5	.5			.23	1.19	.85	27.00							
151.2	153.5		2.3	2.0		3.44	.20	1.94	2.18	36.34			.40	7	13	21	
200.4	201.1		.7	.5			.08	.34	.40	13.00							
215.5	220.5		5.0	1.4				3.60	5.75	58.53							
253.4	259.1		5.7	3.2			.07	1.71	1.95	25.84							
277.8	281.0		3.2	3.1		2.26	.09	.87	.84	21.65			.25	4	12	16	
282.7	287.7		5.0	4.6			.07	.25	.46	10.69							
314.1	316.0		1.9	1.8			.16	.07	.27	6.99							
318.5	319.3		.8	.6		3.68	.14	2.88	2.07	40.50			.50	10	14	25	

17NOV83 GRUM

DOWN-HOLE SURVEYS (DH020)

PAGE: 39

DDH: FAGA084 UTM-N: 904,984.3 UTM-E: 592,128.6 UTM-ELEV: 1,297.3 TOTAL DEPTH: 456.6 SECTION: W 78
RFE: 52 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
85.300	175.000	94.500
146.300	172.000	120.500
207.300	175.000	112.500
268.200	175.000	80.500
329.200	175.000	76.000
396.200	179.000	39.000

17NOV83 GRUM

DOWN-HOLE LITHOLOGY (DH020)

PAGE: 40

ODH: FAGA084 UTM-N: 904,984.3 UTM-E: 592,128.6 UTM-ELEV: 1,297.3 TOTAL DEPTH: 456.6 SECTION: W 78
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DMO CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
7.3	0001	#		0.5-	1
16.4	0002	580	(4L\$) MINOR	0.5-	1
19.6	0003	500	(5862) MINOR	0.5-	1
23.8	0004	5802	(5A0)	0.5-	1
29.3	0005	5880	[5D05]	0.5-	1
33.2	0006	5A3		0.5-	1
58.0	0007	5880		0.5-	1
68.5	0008	500	&5	0.5-	1
73.8	0009	5880	& BIO	0.5-	1
74.6	0010	5882		0.5-	1
76.8	0011	5880		0.5-	1
80.2	0012	5A0		0.5-	1
81.5	0013	58\$		0.5-	1
82.4	0014	58\$	(5A6) GOUGE	0.5-	1
84.7	0015	58\$	(588\$[5D\$5])	0.5-	1
85.7	0016	5A\$		0.5-	1
86.1	0017	500\$	4 (5A\$)	0.5-	1
86.9	0018	5A0		0.5-	1
87.3	0019	50\$0	4 (58\$)	0.5-	1
95.8	0020	580\$		0.5-	1
96.2	0021	5A0		0.5-	1
96.5	0022	5C3		0.5-	1
96.8	0023	5F1	[5D516]	0.5-	1
97.8	0024	50\$		0.5-	1
99.2	0025	4L\$		0.5-	1
103.3	0026	4L1	(58\$) 75:25	0.5-	1
105.9	0027	58\$	&8 &2	0.5-	1
113.8	0028	5D65	[5880] LOCALLY	0.5-	1
114.8	0029	5A0		0.5-	1
118.6	0030	5880	&2 (500) MINOR	0.5-	1
122.4	0031	5A0	(580)	0.5-	1
133.8	0032	580	&2	0.5-	1
141.3	0033	580	BIO	0.5-	1
142.8	0034	5A0		0.5-	1
143.6	0035	4L0	&6	0.5-	1
148.7	0036	5D\$4	53 (5C43)	0.5-	1
149.2	0037	4E8	&\$	0.5-	1
149.4	0038	4L0	&\$	0.5-	1
150.9	0039	5846		0.5-	1
151.2	0040	4L1		0.5-	1
151.8	0041	4E\$	&# 81 &7	0.5-	1
152.4	0042	4E1\$	GOUGE	0.5-	1
153.2	0043	4E1#	(4C0 SERICITIC)	0.5-	1
153.5	0044	4E4	(4L0)	0.5-	1
157.4	0045	58\$0		0.5-	1
163.8	0046	50\$0	4	0.5-	1
164.9	0047	5880	[5D05]	0.5-	1
167.0	0048	500		0.5-	1
167.5	0049	5880	[5D05]	0.5-	1
168.3	0050	5880		0.5-	1
186.5	0051	5880	[5D05]	0.5-	1

DDH: FAGA084 UTM-N: 904,984.3 UTM-E: 592,128.6 UTM-ELEV: 1,297.3 TOTAL DEPTH: 456.6 SECTION: W 78
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
188.0	0052	5B84	6	0.5-	1
188.7	0053	5D0	&5	0.5-	1
189.6	0054	5B\$		0.5-	1
190.8	0055	5B\$2		0.5-	1
193.3	0056	5D0	&5	0.5-	1
199.4	0057	5A0\$		0.5-	1
200.4	0058	5B\$		0.5-	1
201.1	0059	4E1	BXA	0.5-	1
201.7	0060	10Q0	(5A1) (4E1)	0.5-	1
202.5	0061	5B\$2		0.5-	1
203.3	0062	5B\$		0.5-	1
207.5	0063	5A\$	(5B\$2)	0.5-	1
208.1	0064	5B\$2		0.5-	1
210.0	0065	10Q0		0.5-	1
210.5	0066	5A6	&\$	0.5-	1
212.0	0067	5B\$	GOUGE	0.5-	1
215.5	0068	5B\$	SERICITIC	0.5-	1
215.6	0069	4A0	&4	0.5-	1
216.7	0070	4L14		0.5-	1
219.2	0071	4G4	(4E4 POROUS) NO CORE	0.5-	1
220.5	0072	4A0	(5A1)	0.5-	1
227.0	0073	3G0	&9	0.5-	1
246.7	0074	5B80	[5D05]	0.5-	1
248.4	0075	5D0	(3G\$)	0.5-	1
248.7	0076	5A6		0.5-	1
249.9	0077	5B16	BXA	0.5-	1
250.1	0078	4L1#		0.5-	1
250.4	0079	5B0		0.5-	1
253.4	0080	5B0	&2 & SERICITIC	0.5-	1
254.6	0081	5B49		0.5-	1
255.8	0082	4E47	POROUS NO CORE	0.5-	1
256.2	0083	4C75	PY, PO	0.5-	1
257.9	0084	4A13	&7 (4A0)	0.5-	1
258.3	0085	4E1	(4K0) 90:10	0.5-	1
258.8	0086	4G0	&8 MINOR	0.5-	1
259.1	0087	4E17	(4L2) MINOR	0.5-	1
277.8	0088	4A0	&\$ &3 (5A1\$)	0.5-	1
277.9	0089	4E17	4	0.5-	1
278.6	0090	4L0	&2 &\$	0.5-	1
279.8	0091	4K81	[4E81\$]	0.5-	1
280.1	0092	4K1	[4E1\$]	0.5-	1
280.6	0093	4A1	&3	0.5-	1
281.0	0094	4K1	[4E1\$]	0.5-	1
282.7	0095	4A0	[5A16]	0.5-	1
283.6	0096	4E1		0.5-	1
284.3	0097	4A0	(5A1)	0.5-	1
284.4	0098	4L1	&4	0.5-	1
286.7	0099	4K1	[4E1#] (4A1&3)	0.5-	1
287.7	0100	4A1		0.5-	1
300.5	0101	5B6	&1 &2 (5D0)	0.5-	1
303.0	0102	5B61	2 SERICITIC	0.5-	1

DDH: FAGA084 UTM-N: 904,984.3 UTM-E: 592,128.6 UTM-ELEV: 1,297.3 TOTAL DEPTH: 456.6 SECTION: W 78
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
304.8	0103	5B14	6	0.5-	1
308.9	0104	5B16	(4A0 NO SULPH)	0.5-	1
314.1	0105	4A1	84 80 (5D4\$)	0.5-	1
316.0	0106	4A31		0.5-	1
318.5	0107	4A1	80 83	0.5-	1
318.8	0108	4G8\$		0.5-	1
319.1	0109	4L12	(4H0) (4A1)	0.5-	1
319.3	0110	4C0	SERICITIC	0.5-	1
319.6	0111	4A1		0.5-	1
321.1	0112	5A16		0.5-	1
322.6	0113	5B16	SERICITIC	0.5-	1
332.6	0114	5A19	8\$ 80 (4A13) 95:05	0.5-	1
364.1	0115	4A0	(5A19)	0.5-	1
364.4	0116	4L1#		0.5-	1
365.1	0117	3E2	83	0.5-	1
374.2	0118	4A0	8# 8\$ (5A19808\$)	0.5-	1
377.8	0119	5A19	80 8\$ (4A08\$ NO SULPH)	0.5-	1
395.7	0120	4A0	8\$ NO SULPH	0.5-	1
397.6	0121	4A1	(5A189)	0.5-	1
399.2	0122	4A31		0.5-	1
400.2	0123	5B6	8\$ SERICITIC	0.5-	1
400.9	0124	5A1	[4A0 NO SULPH]	0.5-	1
404.2	0125	5B62		0.5-	1
406.8	0126	5A6		0.5-	1
410.5	0127	5B62	BIO	0.5-	1
412.7	0128	5B6	82 CHLOR BIO	0.5-	1
414.7	0129	3G9	8 CHLOR & BIO	0.5-	1
422.5	0130	5A1	89 (4A0 8BIO PO)	0.5-	1
423.6	0131	5C84		0.5-	1
433.3	0132	3G8	SSERICITIC	0.5-	1
434.0	0133	4L0	86	0.5-	1
438.4	0134	3G8		0.5-	1
443.4	0135	3G8	83 BIO CHL AND GAR	0.5-	1
445.6	0136	3D0	BIO CHLOR	0.5-	1
446.9	0137	3D6	8#	0.5-	1
454.9	0138	3G8	BIO CHLOR	0.5-	1
455.7	0139	3D8	BIO	0.5-	1
456.6	0140	1D0	BIO CHLOR	0.5-	1

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DOWN-HOLE STRUCTURE (DHO20)

PAGE: 43

DDH: FAGA084 UTM-N: 904,984.3 UTM-E: 592,128.6 UTM-ELEV: 1,297.3 TOTAL DEPTH: 456.6 SECTION: W 78
 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
FAGA084	0.0	7.9	CS2	D	0	0	0	0	78	230	0		1	1	1
FAGA084	0.0	13.1	CS2	S	0	0	58	0	73	230	0		1	1	1
FAGA084	0.0	19.7	CS2	S	0	0	0	0	72	230	0		1	1	1
FAGA084	0.0	25.8	CS2	S	0	0	0	0	77	230	0		1	1	1
FAGA084	0.0	31.7	CS2	M	0	0	0	0	76	230	0		1	1	1
FAGA084	0.0	37.8	CS2	S	0	0	73	0	77	230	0		1	1	1
FAGA084	0.0	43.9	CS2	S	0	0	72	0	77	230	0		1	1	1
FAGA084	0.0	50.0	CS2	S	0	0	74	0	80	230	0		1	1	1
FAGA084	0.0	56.1	CS2	M	0	0	0	0	74	230	0		1	1	1
FAGA084	0.0	62.2	CS2	M	0	0	0	0	80	230	0		1	1	1
FAGA084	0.0	67.7	CS2	Z	0	0	0	0	78	230	0		1	1	1
FAGA084	0.0	73.8	CS2	M	0	0	0	0	74	230	0		1	1	1
FAGA084	0.0	79.9	CS2	M	0	0	0	0	80	230	0		1	1	1
FAGA084	0.0	86.0	CS2		0	0	0	0	90	230	0		1	1	1
FAGA084	0.0	91.4	CS2	S	0	0	36	0	42	230	0		1	1	1
FAGA084	0.0	97.5	PS2		0	0	0	0	80	230	0		1	1	1
FAGA084	0.0	105.2	CS2	M	0	0	0	0	84	230	0		1	1	1
FAGA084	0.0	111.6	CS2	Z	0	0	0	0	78	230	0		1	1	1
FAGA084	0.0	117.3	CS2	M	0	0	0	0	74	230	0		1	1	1
FAGA084	0.0	123.4	CS2	M	0	0	0	0	73	230	0		1	1	1
FAGA084	0.0	130.5	CS2	S	0	0	0	0	74	230	0		1	1	1
FAGA084	0.0	136.6	CS2	Z	0	0	0	0	73	230	0		1	1	1
FAGA084	0.0	142.6	PS2	P	0	0	0	0	74	230	0		1	1	1
FAGA084	0.0	149.4	PS2	P	0	0	0	0	65	230	0		1	1	1
FAGA084	0.0	156.4	CS2	S	0	0	62	0	64	230	0		1	1	1
FAGA084	0.0	163.7	CS2	S	0	0	0	0	74	230	0		1	1	1
FAGA084	0.0	171.3	CS2	Z	0	0	88	0	78	230	0		1	1	1
FAGA084	0.0	176.8	CS2	Z	0	0	87	0	84	230	0		1	1	1
FAGA084	0.0	183.5	CS2	S	0	0	0	0	83	230	0		1	1	1
FAGA084	0.0	189.6	CS2	D	0	0	0	0	74	230	0		1	1	1
FAGA084	0.0	196.0	CS2	S	0	0	48	0	73	230	0		1	1	1
FAGA084	0.0	199.0	CS2	M	0	0	0	0	60	230	0		1	1	1
FAGA084	0.0	205.1	CS2	Z	0	0	0	0	72	230	0		1	1	1
FAGA084	0.0	208.2	CS2	Z	0	0	0	0	65	230	0		1	1	1
FAGA084	0.0	214.3	CS2	S	0	0	42	0	50	230	0		1	1	1
FAGA084	0.0	220.6	PS2		0	0	0	0	48	230	0		1	1	1
FAGA084	0.0	226.5	CS2		0	0	0	0	88	230	0		1	1	1
FAGA084	0.0	232.6	CS2	S	0	0	0	0	70	230	0		1	1	1
FAGA084	0.0	238.7	CS2	M	0	0	0	0	84	230	0		1	1	1
FAGA084	0.0	244.8	CS2	M	0	0	0	0	84	230	0		1	1	1
FAGA084	0.0	250.9	CS2	S	0	0	26	0	30	230	0		1	1	1
FAGA084	0.0	257.6	PS2		0	0	0	0	55	230	0		1	1	1
FAGA084	0.0	263.7	CS2	M	0	0	0	0	77	230	0		1	1	1
FAGA084	0.0	269.7	CS2	M	0	0	0	0	83	230	0		1	1	1
FAGA084	0.0	275.8	CS2	M	0	0	0	0	73	230	0		1	1	1
FAGA084	0.0	281.6	CS2	E	0	0	0	0	74	230	0		1	1	1
FAGA084	0.0	287.7	PS2		0	0	0	0	44	230	0		1	1	1
FAGA084	0.0	294.1	CS2	Z	0	0	87	0	78	230	0		1	1	1
FAGA084	0.0	298.7	CS2	S	0	0	57	0	69	230	0		1	1	1
FAGA084	0.0	304.8	CS2	M	0	0	0	0	73	230	0		1	1	1
FAGA084	0.0	310.9	CS2	S	0	0	0	0	76	230	0		1	1	1

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DOWN-HOLE STRUCTURE (DHO20)

PAGE: 44

DDH: FAGA084 UTM-N: 904,984.3 UTM-E: 592,128.6 UTM-ELEV: 1,297.3 TOTAL DEPTH: 456.6 SECTION: W 78
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DMD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	DIRECT	S1 ANGLE	DIRECT	S2 ANGLE	DIRECT	RFE	CDE	DMOC	SDC	PROCESS
FAGA084	0.0	318.2	CS2	S	0	0	0	0	75	230	0		1	1	1
FAGA084	0.0	324.3	CS2	S	0	0	0	0	78	230	0		1	1	1
FAGA084	0.0	329.5	CS2	S	0	0	0	0	75	230	0		1	1	1
FAGA084	0.0	335.3	CS2	S	0	0	58	0	67	230	0		1	1	1
FAGA084	0.0	341.1	CS2	M	0	0	0	0	81	230	0		1	1	1
FAGA084	0.0	345.9	CS2	S	0	0	0	0	69	230	0		1	1	1
FAGA084	0.0	351.4	CS2	S	0	0	48	0	63	230	0		1	1	1
FAGA084	0.0	357.8	CS2	S	0	0	53	0	63	230	0		1	1	1
FAGA084	0.0	363.9	CS2	S	0	0	58	0	70	230	0		1	1	1
FAGA084	0.0	370.9	CS2	S	0	0	74	0	78	230	0		1	1	1
FAGA084	0.0	377.0	CS2	S	0	0	68	0	74	230	0		1	1	1
FAGA084	0.0	383.1	CS2	S	0	0	48	0	65	230	0		1	1	1
FAGA084	0.0	391.1	CS2	Z	0	0	0	0	77	230	0		1	1	1
FAGA084	0.0	396.9	CS2	S	0	0	60	0	69	230	0		1	1	1
FAGA084	0.0	403.3	CS2	S	0	0	65	0	80	230	0		1	1	1
FAGA084	0.0	409.3	CS2		0	0	0	0	82	230	0		1	1	1
FAGA084	0.0	416.4	CS2	S	0	0	0	0	84	230	0		1	1	1
FAGA084	0.0	424.6	CS2	S	0	0	76	0	80	230	0		1	1	1
FAGA084	0.0	430.7	CS2	S	0	0	0	0	83	230	0		1	1	1
FAGA084	0.0	436.8	PS2		0	0	0	0	66	230	0		1	1	1
FAGA084	0.0	442.9	PS2		0	0	0	0	90	230	0		1	1	1
FAGA084	0.0	449.0	PS2		0	0	0	0	82	230	0		1	1	1
FAGA084	0.0	455.1	PS2		0	0	0	0	68	230	0		1	1	1

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DOWN-HOLE FAULTS (DHO20)

PAGE: 45

DDH: FAGA084 UTM-N: 904,984.3 UTM-E: 592,128.6 UTM-ELEV: 1,297.3 TOTAL DEPTH: 456.6 SECTION: W 78
 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
FAGA084	12.0	12.3	X				0	0	0	1
FAGA084	0.0	64.2	G				0	0	21	1
FAGA084	81.5	82.3	G				0	0	0	1
FAGA084	83.0	83.2	G				0	0	0	1
FAGA084	84.7	85.7	R				0	0	0	1
FAGA084	86.8	87.2	R				0	0	0	1
FAGA084	89.1	89.4	G				0	0	0	1
FAGA084	89.7	90.2	G				99	999	0	1
FAGA084	95.8	96.1	R				0	0	0	1
FAGA084	96.2	96.3	1G				0	0	0	1
FAGA084	119.9	120.3	R				0	0	0	1
FAGA084	147.4	148.1	RG				0	0	0	1
FAGA084	149.1	149.4	G				0	0	0	1
FAGA084	149.4	150.8	PR	4			0	0	0	1
FAGA084	0.0	151.7	X				0	0	0	1
FAGA084	151.7	152.4	GR				0	0	0	1
FAGA084	0.0	153.4	G				0	0	0	1
FAGA084	155.2	155.4	G				0	0	0	1
FAGA084	167.8	168.3	G				0	0	99	1
FAGA084	173.9	174.0	G				0	0	999	1
FAGA084	200.3	201.0	XR				0	0	0	1
FAGA084	201.0	201.7	Q				0	0	0	1
FAGA084	208.1	210.0	QP	0			99	999	0	1
FAGA084	210.0	210.4	R				0	0	0	1
FAGA084	210.4	211.9	GR				0	0	0	1
FAGA084	215.4	215.6	RG				0	0	0	1
FAGA084	215.6	219.1	NNN				0	0	0	1
FAGA084	248.7	249.9	X				0	0	0	1
FAGA084	250.1	250.4	X				0	0	0	1
FAGA084	253.3	255.8	NNN				0	0	0	1
FAGA084	301.4	302.9	G				0	0	99	1
FAGA084	320.4	320.6	G				0	0	999	1
FAGA084	319.5	321.1	R				0	0	0	1
FAGA084	421.5	421.8	G				0	0	0	1
FAGA084	433.9	434.0	G				0	0	0	1

17NOV83 GRUM

DOWN-HOLE SPLINES (DH020)

PAGE: 46

DDH: FAGA084 UTM-N: 904,984.3 UTM-E: 592,128.6 UTM-ELEV: 1,297.3 TOTAL DEPTH: 456.6 SECTION: W 78
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGA084	1	2
FAGA084	2	2
FAGA084	3	2
FAGA084	4	2
FAGA084	5	2
FAGA084	6	2
FAGA084	7	1

**THIS REPORT WAS REQUESTED BY: LEEP .GEOLOGY AT: 09:19:59

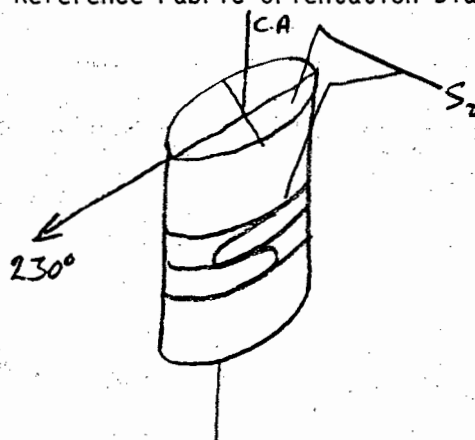
DIAMOND DRILL CORE LOG

Date: 9 SEPT/81

Hole Number: FAGA-084 (75-A-084)

Reference Fabric Orientation Diagram:

Project: GRUM RELOG



Location: SECTION 78W

Claim: _____

Terr. Plane Co-ords.: 6 904 984.3 m N

1979 HED Survey 592 128.6 m E

Grid Co-ords: 0+0 N

78 W

Elevation: 1297.3 m

All symmetry determinations looking

NW with S₂ dipping

Total Depth: 1498 ft.

SW with dip azimuth 230°.

Purpose: TO DETERMINE NORTHERN EXTENSION OF DEPOSIT.

Reason hole Terminated: THROUGH MAIN SULPHIDES

Logged by: GG

Date(s) Logged: 7-9 SEPT/81

Drilling Contractor: _____

Size	CORE From	To	Collar Cased and Capped: _____
TRICONE	0	20'	
TSW	20	24'	
BR	24	1498'	

Hole Cemented: 25 BAGS CEMENT 24-1498'

Steel down hole: _____

Started: 13 JUNE/75 Completed: 22 JUNE/75

Lithologic Log

Date: 7 Sept/81 Logged By: GG

FEET

Code	From				To				Recov.	No.	Unit	Description	F/W CNT	
	10	14	18	20	22	24	26	28					30	34	35	TYPE	X
L	100		1240							0101	*	CASING - K.A. NOTES THAT CASING DRIVEN THROUGH INCOMPLETE PLOT OF BEDROCK;		
L	1240		1538							2	5B31	+(minor 4L* - DOLO & BRECCIATED)		11S ₂
L	1538		1642							3	5D31	+(10% CALCITE VNS 11S ₂)		11S ₂
L	1642		1718							4	5B32	+(SA3)		11S ₂
L	1718		1960							5	5B83	[SD35]		11S ₂
L	1960		11088							6	5A13	-TEXTURALLY SIMILAR TO 4A0 WITH CALCITE REATHER THAN 4A0;	GRADES 0.2m	11S ₂
L	11088		11902							7	5B33			11S ₂
L	11902		12246							8	5D31	±5; 6cm GOUGE @ 21° to C.A. (S ₂ 90°)	5cm 42 VNS 11S ₂	
L	12246		12420							9	5B33	± BIOTITE		11S ₂
L	12420		12447							10	5B182	13/		11S ₂
L	12447		12520							11	5B83		GRADES 0.5m	11S ₂
L	12520		12631							112	5A31	HIGH CARBON;	GRADES 2.4m	11S ₂
L	12631		12674							113	5B*	DOLO		11S ₂
L	12674		12703							114	5B*	DOLO + (SA6)	GOUGE	
												UNIT = 90% GOUGE - CNTS?		
														POSS 11S ₂
L	12703		12718							115	5B1*	DOLO + (SD*5 - DOLO)	20cm GOUGE + BRECCIA - CNTS?	
L	12718		2813							116	5A1*	-DOLO, HIGH CARBON;		11S ₂
												UNIT = COARSE RUBBLE IN CORE BOX;		
L	12813		12826							117	5D3*	1/4 - DOLO + (SA* - DOLO)		11S ₂
L	12826		12850							118	5A3			11S ₂
L	12850		12864							119	5D3*	1/4 - AS UNIT 17 + (SB* - DOLO)		11S ₂
												UNIT = COARSE RUBBLE		
L	12864		13144							120	5B3*	MDD CALC ± DOLO;	5cm 42-48 VNS 11S ₂	
												GOUGES @ 292.6 - 293.5 - CNTS?		
												± 294.6 - 296.0 - CNTS		
												- WITH		

FEET

Code	From				To				Recov.	No.	Unit	Description	F/W CNT	
	10	14	16	20	22	24	26	28					30	34	35	TYPE	%
L	3114	4	3115	5						21	S1A31	* UNIT = COARSE RUBBLE IN BOX	PROB	11%
L	3115	5	3116	6						22	S1C31	3% FUCHSITE; MINOR GOUGE 1/2 @ 315.8-316.1		11%
L	3116	6	3117	6						23	S1F11	[SDS16] - V. SILICIOUS; 10cm QZ VN	11%	
L	3117	6	3211	0						24	S1D*	DOLO; 2% CHLORITE STREAKS.		11%
L	3211	0	3256							25	A1L*	DOLO - N.B. - FOR THE LAST FEW INTERVALS THERE HAS BEEN 2-3 FEET MORE CORE IN THE BOXES THAN THE DRILLERS' TAGE INDICATE;		11%
L	3256		3390							26	A1L11	+(SB* - DOLO = 25% OF UNIT)	18cm QZ VN	11%
L	3390		3473							27	S1B*	DOLO ± 8 ± 2	GRADOS 0.4m	11%
L	3473		3733							28	S1D65	[LOCALLY SB83]	8cm QZ VN	11%
L	3733		3768							29	S1A31			11%
L	3768		3890							30	S1B83	± 2 + (minor SD3-MASS)		11%
L	3890		4017							31	S1A31	± (SB3 @ 1m H/W) COARSE RUBBLE 393.4-395.0 - PROB NOT FAULT.		11%
L	4017		4390							32	S1B31	± 2		11%
L	4390		4637							33	S1B31	-BIOTITIC		11%
L	4637		4686							34	S1A31		GRADOS 3cm	11%
L	4686		4712							35	A1L01	± 6		11%
L	4712		4880							36	S1D*4	1/5/3 [POSS SC43 @ 1m H/W] [SF?] 483.6-486.0 = GOUGE + RUBBLE CNTS?	10cm QZ VN	11%
L	4880		4895							37	A1E8	± * DOLO;		11%
L	4895		4903							38	A1L01	± * DOLO; 30% OF UNIT = GOUGE PROB 11%	PROB	11%
L	4903		4950							39	S1B46	UNIT = MISSING CORE + RUBBLE ~ 2 FT RECOVERY;	RUBBLE	
L	4950		4959							40	A1L11			PROB 11%
L	4959		4979							41	A1E*	DOLO ± CALC / ± 1 / ± 7 / BRECCIATED @ 10cm F/W;	GOUGE	
L	4979		5000							42	A1E1*	[GOUGE] ± RUBBLE; CNTS?	GOUGE	

FEET

Code	From		To		Recov.	No.	Unit	Description	F/W			
	10	14	16	20					22	24	26	28	30	34	35	TYPE	%
L	50.00	50.25				43	AE11*	-CALC + (400 SERICITIC)*	GOUGE			
L	50.25	50.35				44	AE11	+(40) → GOUGE CNTS?	"			
L	50.35	51.65				45	SB*3	DOLO + SLIGHTLY CALC; GOUGE @ 509.5-510.0-CNTS?		115 ₂		
L	51.65	53.74				46	SD*3	M/ - ANIK/DOLO;		115 ₂		
L	53.74	54.10				47	SD35	[5383]		115 ₂		
L	54.10	54.79				48	SD31	MASS		115 ₂		
L	54.79	54.94				49	SD35			115 ₂		
L	54.94	55.23				50	SB83	550.8 - EOI = GOUGE 115 ₂ ?	GOUGE			
L	55.23	61.20				51	SD35	(570.6 - 571.0 = GOUGE + F/W CALCITE VEINS - CNTS?)		115 ₂		
								+(585.5 - 586.7 = 5E8)				
								+(605.2 - 605.8 = 5B823)				
L	61.20	61.168				52	SB8A	16/		115 ₂		
L	61.168	61.192				53	SD31	±5		115 ₂		
L	61.192	61.222				54	SB*3	DOLO		115 ₂		
L	61.222	61.260				55	SB*2	-DOLO		115 ₂		
L	61.260	61.342				56	SD31	±5		115 ₂		
L	61.342	61.543				57	SA3*	DOLO		115 ₂		
L	61.543	61.574				58	SB*	DOLO	RUBBLE			
L	61.574	61.597				59	AE11	BRICCIA	RUBBLE			
								ALL CLASTS (<1cm DIA) IN OPEN AE1 MATRIX +(10 QD 115 ₂) UNIT = RUBBLE IN COREBOX;				
L	61.597	61.618				60	10Q10	115 ₂ + (SA1) + (AE1)		115 ₂		
L	61.618	61.643				61	SB*2	-DOLO				
L	61.643	61.669				62	SB*	DOLO		115 ₂		
L	61.669	61.807				63	SA*	DOLO + (SB*2)	20cm GOUGE CNTS?			
L	61.807	61.828				64	SB*2	DOLO				
L	61.828	61.890				65	10Q0	0.5 ft RECOVERY - [FAULT?]	RUBBLE			
L	61.890	61.905				66	SA6	±* - DOLO; HIGH CARBON;	RUBBLE			
								UNIT = COARSE RUBBLE IN BOX;				
L	61.905	61.955				67	SB*	[GOUGE] + RUBBLE - CNTS?				
L	61.955	71.070				68	SB*	DOLO, SERICITIC;	10cm GOUGE - CNTS?			
L	71.070	71.075				69	AA0	±4 - RUBBLE + GOUGE;				

Code	From					To					Recov.	No.	Unit	Description	F/W CNT	
	10	14	16	20	22	24	26	28	30	34					35	Type
L	7.075		7.110									7.0	4L14	707-719 - WHOLE CORE REMOVED BY K.A. - LITHOLOGY INTERPRETTED FROM K.A. LOGS;		
L	7.110		7.190									7.1	4G4	+ (4E4 - POROUS)		
L	7.190		7.235									7.2	4A0	±4 @ .3m H/W + (SA1 - HIGH CARBON)		115 ₂
L	7.235		7.446									7.3	3G2	±9; DK GRAY, F-G.;		115 ₂
L	7.446		8.093									7.4	5DB5	794-801 = [5B83]		115 ₂
L	8.093		8.150									7.5	5DA*	ANK, MASS + (3G* - DOLO)		115 ₂
L	8.150		8.160									7.6	5A6	HIGH CARBON;	2cm Gauge 115 CNTS?	
L	8.160		8.200									7.7	5B116	<u>BROCCIA</u> → (5B16 + 10Q* - CALC + SA16) 0.2-3cm ROUNDED TO ANGULAR CLASTS IN CLOSED V. SILICEOUS MATRIX;	34/180 w.r.t. S ₂ = 58/230	
L	8.200		8.207									7.8	4L11*	CALC		115 ₂
L	8.207		8.216									7.9	5B3	BROCCIA - 5B3 IN CLOSED CALCITE MATRIX - PROB NO SIGNIFICANT MOVEMENT;		115 ₂
L	8.216		8.313									8.0	5B3	DK GRAY / ±2 / ±SPORICITIC @ F/W		
L	8.313		8.353									8.1	5BA7	831.3 - 837.4 - WHOLE CORE REMOVED BY K.A. - LITHOLOGY INTERPRETTED FROM K.A. LOGS;		
L	8.353		8.394									8.2	4E47	-POROUS;		
L	8.394		8.405									8.3	4D75	py + P ₀ ; see assay;		115 ₂
L	8.405		8.462									8.4	4A13	±7 @ 0.4m H/W + (4A0 @ 0.2m F/W)		115 ₂
L	8.462		8.474									8.5	4E11	+ (4K0 = 10%) ↳ BRECCIATED APPEARANCE;		115 ₂
L	8.474		8.490									8.6	4G0	±8 @ 848.3/;		115 ₂
L	8.490		8.500									8.7	4E17	±5% = PO / + (4L2 @ 6cm H/W) + (ONE 5B6 CLAST (5cm) IN MIDDLE OF UNIT)		115 ₂
L	8.500		9.113									8.8	4A0	±* DOLO / ±3 - NO SULPHIDES / + (SA1* - DOLO) THIS IS THE TYPE OF MATERIAL WHICH IS LATERALLY FACIES EQUIVALENT TO DOL.	RUBBLE PROB	115 ₂

Code	From				To				Recov.	No.	Unit	Description	F/W CNT	
	10	14	16	20	22	24	26	28					30	34	35	TYPE	%
L	9111	3	9111	8					89	4E117	1/1 + (3% CLASTS)			115 ₂
L	9111	8	9111	42					90	4L101	± 2/* DOLO			115 ₂
L	9114	2	9118	0					91	4IK81	± SERICITIC ± QZ ^{(AIK1)?} CLOTS ± CB	MASS SULPHIDE		
L	9118	0	9119	1					92	4IK1	AS BELOW; - 20% .2-2cm	3cm QZ VN		115 ₂
											ROUNDED TO IREGG			
											NON-CALC/DOLQ QZ CLOTS;			
L	9119	1	9120	5					93	4A11	± 3 + (3G12 - FINELY INTERBANDING)			115 ₂
L	9120	5	9122	0					94	4IK11	AS UNIT 92 WITH 5% QZ CLOTS			115 ₂
L	9122	0	9127	5					95	4A10	[5A16] - QZ = WHITE TO GRAY; + (minor 4G1 AS 3cm BANDS)	PROB		115 ₂
L	9127	5	9130	3					96	4E11				115 ₂
L	9130	3	9132	6					97	4A10	+ (SA1 - HIGH CARBON)			115 ₂
L	9132	6	9133	2					98	4L11	± 4			115 ₂
L	9133	2	9140	7					99	4IK1	CALC-QZ CLOTS = 5% AT H/W 60% AT F/W			115 ₂
											+ (4A113 @ 933.5-934.3')			
L	9140	7	9143	8					100	4A11A	+ (3G12 - FINELY INTERBANDING)	12 cm QZ VN		115 ₂
L	9143	8	9186	0					101	5B161	± 1 ± 2; + (SD* - ANIC, MASS @ 972.5-973.0 & 973.5-974.0')	PROB		115 ₂
L	9186	0	9194	0					102	5B161	1/2 - SERICITIC; 989-905 = 60% GOUGES	GOUGE		115 ₂
L	9194	0	1000	0					103	5B114	1/6			115 ₂
L	1000	0	1011	34					104	5B116	+ (4A0 - NO SULPHIDES) TRANSITIONAL INTERFINGERING UNIT;			
L	1011	34	1030	6					105	4A11	± 4 ± 0 + (SD4*)			115 ₂
L	1030	6	1031	6					106	4A31	C-PARTINGS			
L	1031	6	1045	1					107	4A11	± 0 ± 3; C & PHYLLITIC PARTINGS BANDS;			115 ₂
L	1045	1	1046	0					108	4G18A	* - DOLO = 25%; BARITE = 5%;			115 ₂
L	1046	0	1046	8					109	4L112	@ H/W 12cm / + (4A0 - next 4cm) + (4A1 @ F/W 7cm)			115 ₂

FEET

→

FEET

Code	From				To				Recov.	No.	Unit	Description	F/W CNT	
	10	14	16	20	22	24	26	28					30	34	35	TYPE	Σ
L	10.468		10.475							110	AC0	-SERICITIC + (ALI CLASTS)		115 ₂
L	10.475		10.485							111	AA11	LOW SULPHIDES		115 ₂
L	10.485		10.535							112	SA116	HIGH CARBON; UNIT = RUBBLE	FRAG	115 ₂
												[GOUGE] @ 1051.4-1051.9'		
												CNTS?		
L	10.535		10.584							113	SIB16	SERICITIC		115 ₂
L	10.584		10.913							114	SA119	4/3* - DOLO + (4A13 AS FINE BANDS)	GRADES 2m	115 ₂
L	10.913		11.944							115	AA0	+ (SA19) ±*/DOLO IN QZ LAMS THIS IS A 4A-SA* TRANSITION UNIT; + (4A1* NO SULPHIDES, CALC @ F/W 0.5m)		115 ₂
L	11.944		11.954							116	AL11*	-CALC		115 ₂
L	11.954		11.979							117	3FZ1	±3,		115 ₂
L	11.979		12.276							118	AA9	±* - CALC/DOLO + (SA19 ± 3 ±*)		115 ₂
L	12.276		12.376							119	SA119	± 3 ±* - DOLO + (AA0 ±*) - SULPHIDES		115 ₂
L	12.376		12.782							120	AA0	±* - DOLO / NO SULPHIDES/ + (SA19 ±* DOLO)		115 ₂
L	12.782		13.045							121	AA11	+ (SA1 ± 9)		115 ₂
L	13.045		13.096							122	AA311	+ (3G12 - FINELY INTERBANDING)	MINOR STRECHIA + GOUGE	115 ₂
L	13.096		13.129							123	SIB16	±* DOLO; SERICITIC;		115 ₂
L	13.129		13.153							124	SA111	[AA0 - NO SULPHIDES]	3cm QZ UN ~ 115 ₂	115 ₂
L	13.153		13.260							125	SIB12	LOW CARBON;		115 ₂
L	13.260		13.345							126	SA6			115 ₂
L	13.345		13.469							127	SIB12	-BIOTITIC - INCREASING TOWARD F/W	GRADES 2m	115 ₂
L	13.469		13.540							128	SIB16	±2; CHLORITE + BIOTITE PRESENT NOTE CHANGE IN METAMORPHIC FACIES WITH LITHOLOGY OF UNIT 127;		115 ₂
L	13.540		13.607							129	3G129	1/8/ CHLORITE ± BIOTITE;		115 ₂
L	13.607		13.861							130	SA11	±9 + (AA0 ± BIOTITE; LOW SULPHIDES - MAINLY P0)		115 ₂
												[GOUGE] 1383-1384 - CNTS?		
L	13.861		13.898							131	SC1A	-DOLO, 7% CHLORITE STREAKS + (60% 10Q0 115 ₂ @ 0.4m H/W)		115 ₂

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Lithologic Log

Date: 9 Sept/81 Logged By: GG

Code	From	To	Recov.	No.	Unit	Description	Notes					
1	10	14	16	20	22	24	26	28	30	34	35	
L	13898	14215			132	3G12B	-SERICITIC	SEM QZ VNI HS.				
L	14215	14240			133	4L01	+6/ 1423.6-1424.0' = GOUGE + H/W QZ VLS CNTS?	GOUGE				
L	14240	14384			134	3G18Z						
L	14384	14547			135	3G12B	+3; BIOTITE + CHLORITE + INCIPIENT ANDALUSITE (??) AT 0.5m H/W ± LOCAL CLUSTERS OF RED GARNETS → FIRST GARNETS AT 1439.4';					
L	14547	14620			136	3D101	V. SILICEOUS QZ-BIOTITE-CHLORITE ROCK - NON-CALC; + (3G9Z)					
L	14620	14662			137	3D101	+CALC					
L	14662	14923			138	3G18Z	-BIOTITE, CHLORITE + SERICITE +(3D3)					
L	14923	14950			139	3D18	20% BIOTITE; V. SERICITIC SURFACE - BECOMING GRANULAR					
L	14950	14980			140	1D10	BIOTITE + CHLORITE + SERICITIC SURFACES;					
							END OF HOLE @ 1498 ft;					

Structural Log

Date: 9 Sept/81 Logged By: GG

Code	From				To				Feature	S ₀ Dip Direct.	S ₁ Dip Direct.		S ₂ Dip Direct.		Description
	10	14	16	20	22	24	26	28			32	34	38	40		44
S				260	C/S	Z/D						78	2310		
S				430	C/S	Z/S				58	100	73			
S				645	C/S	Z/S						72			
S				1845	C/S	Z/S						77			S-DOMINANT OVER M
S				11040	C/S	Z/M						76			REVERSING S/Z
S				1240	C/S	Z/S				73	1010	77			
S				1440	C/S	Z/S				72	100	77			
S				1640	C/S	Z/S				74	1010	80			S-DOMINANT OVER M & H.
S				1840	C/S	Z/M						74			REVERSING S/Z
S				2040	C/S	Z/M						80			+Z
S				2220	C/S	Z/Z						78			
S				2420	C/S	Z/M						74			REVERSING S/Z
S				2620	C/S	Z/M						80			REVERSING E/3
S				2820	C/S	Z/H						90			
S				3000	C/S	Z/S				36	1010	42			
S				3200	I/N	D/R						80			Z? ONE Z-FOLD SEEN
S				3450	C/S	Z/M						84			?
S				3660	C/S	Z/Z						78			
S				3850	C/S	Z/M						74			REVERSING S/Z
S				4050	C/S	Z/M						73			M
S				4280	C/S	Z/S						74			S-DOMINANT OVER Z
S				4480	C/S	Z/Z						73			
S				4680	P/S	Z/P						74			
S				4900	P/S	Z/P						65			
S				5130	C/S	Z/S				62	1010	64			
S				5370	C/S	Z/S						74			
S				5620	C/S	Z/Z				88	1010	78			
S				5810	C/S	Z/Z				87		84			
S				61020	C/S	Z/S						83			S-DOMINANT OVER Z
S				6220	C/S	Z/D						74			
S				6430	C/S	Z/S				48	1010	73			F4 @ 18/090
S				6530	C/S	Z/M						60			REVERSING S/Z
S				6730	C/S	Z/Z						72			F4 @ 32/140
S				6830	C/S	Z/Z						65			? POOR Z'S
S				7030	C/S	Z/S				42	100	50			

Structural Log

Date: 9 Sep/81 Logged By: GG

Code	From		To		Feature	E S ₀	S ₀		S ₁		S ₂		Description	
	10	14	16	20			Dip Direct.	Dip Direct.	Dip Direct.	28	32	34		38	40	44
S			7237		I N D R							48		
S			7430		C S Z H							88		
S			7630		C S Z S							70		S-DOMINANT OVER Z
S			7830		C S Z M							84		REVERSING S/Z
S			8030		C S Z M							84		REVERSING E/Z
S			8230		C S Z S				216	100	30			F ₄ @ 016/330
S			8450		I N D R							55		
S			8650		C S Z M							77		REVERSING E/Z/S/Z
S			8850		C S Z M							83		"
S			9050		C S Z M							73		"
S			9240		C S Z E							74		0.3 m FOLD
S			9440		I N D R							44		
S			9650		C S Z Z				87	100	78			Z-DOMINANT OVER M
S			9800		C S Z S				57	100	69			
S			10000		C S Z M							73		REVERSING S/Z
S			10200		C S Z S							76		S-DOMINANT OVER Z
S			10440		C S Z S							75		
S			10640		C S Z S							78		S-DOMINANT OVER M
S			10810		C S Z S							75		
S			11000		C S Z S				58	100	67			
S			11190		C S Z M							81		REVERSING S/Z
S			11350		C S Z S							69		
S			11530		C S Z S				48	100	63			
S			11740		C S Z S				53	100	63			
S			11940		C S Z S				58	100	70			
S			12170		C S Z S				74	100	78			
S			12370		C S Z S				68	100	74			
S			12570		C S Z S				48	100	65			
S			12830		C S Z Z							77		Z-DOMINANT OVER S
S			13020		C S Z S				60	100	69			+R-ABUNDANT
S			13230		C S Z S				65	100	80			
S			1343		C S Z H							82		S ₂ DIP GOES THROUGH REVE
S			13660		C S Z S							84		H?
S			13930		C S Z S				76	100	80			
S			14130		C S Z S							83		R-DOMINANT
S			14330		C S Z R							66		RARE V. SMALL S ₁ OBSERVED

ASSAY LOG (SAMPLER'S COPY)

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
1	10 14	16 20	22 26	28 30	32 34	36 40	42
P	14880	14895	111071	15	15	4E81	±*
P	14959	15000	111702	14	136	4E1*	+ GOUGE
P	15010	15025	111703	125	123	4E11*	+(4C0)
P	15025	15035	111704	110	105	4E1A1	+(4L0) → GOUGE
SPLIT { P	16574	16597	111705	123	115	4E11	BRUCCIA
P	17070	17075	111706	105	105	4A101	±4 - RUBBLE + GOUGE
P	17075	17110	111707	135		4L114	WHOLE CORE REMOVED BY K.A. SEE K.A. ASSAY #2046
P	17110	17119	111708	180		4G1A1	+(4E4-POROUS) / WHOLE CORE REMOVED BY K.A. SEE K.A. ASSAY #2047
SPLIT { P	17119	17235	111709	145	145	4A101	±4 +(SA1)
P	18313	18353	111710	140		5B149	WHOLE CORE REMOVED BY K.A. SEE K.A. ASSAY #2048
P	18353	18394	111711	141		4E147	WHOLE CORE REMOVED BY K.A. SEE K.A. ASSAY #2049
P	18394	18405	111712	111	110	4D175	
P	18405	18462	111713	157	157	4A113	±7
P	18462	18474	111714	112	112	4E11	+(4K0)
P	18474	18490	111715	116	116	4G101	±8
P	18490	18500	111716	110	110	4E117	
P	19113	19118	111717	105	105	4E117	4
P	19118	19142	111718	124	24	4L101	±2
P	19142	19180	111719	38	38	4E811	
P	19180	19191	111720	111	111	4E11	[4K1]
P	19191	19205	111721	114	112	4A111	±3
P	19205	19220	111722	115	115	4E11	
	19220	19275		155		4A101	LOW GRADE NOT SAMPLED // ASSAY = 0%
P	19275	19303	111723	128	27	4E11	
P	19310	19332	111724	129	21	4A101	+(4L1±4)
P	19332	19407	111725	175	75	4K11	
SPLIT { P	19407	19438	111726	31	30	4A114	
SPLIT { P	110310	110366	111727	160	59	4A131	
P	110451	110460	111728	109	05	4G184	*/
P	110460	110468	111729	108	07	4L112	+(4H0) + (4A1)

FEET!

FAULT

DDH FAGA084
2 8

Cyprus Anvil Mining Corp.

Page _____ of _____

Structural Log

Date: 4 Oct/83 Logged By: _____

Code	From				To				Feature	S ₀ Dip Direct.	S ₁ Dip Direct.	S ₂ Dip Direct.	Description	
	10	14	16	20	22	24	26	28						32	34	38	40	44
F	1319	6	1410	4	XI								boxed 4L	
F			12110	9	G					21	0010		6 cm gauge @ 21° to C.A.	
F	1216	7	1217	0	3	G							unit 90% gauge, pass 11S ₂	
F	1217	2	1217	3	0	G							IND	
F	1217	8	1218	1	3	R							rubble in core box	
F	1218	1	1218	6	4	R							coarse rubble	
F	1219	2	1219	3	5	G							IND	
F	1219	4	1219	6	0	G		9	9	9	9		H.W. 11S ₂	
F	1311	4	1311	5	R								coarse rubble	
F	1311	5	1311	6	1	G							minor gauge	
F	1319	3	1319	5	0	R							coarse rubble	
F	1418	3	1418	6	0	R	G						gauge + rubble IND	
F	1418	9	1419	0	3	G							30% of unit gauge	
F	1419	0	1419	5	0	P	R	4					40% recovery of rubble	
F			1419	8	0	XI							boxed	
F	1419	7	1510	10	0	G	R						IND gauge + rubble	
F			1510	13	5	G							IND gauge @ EOI	
F	1510	9	1511	10	0	G							IND gauge	
F	1515	0	1515	2	3	G				9	9	9	9	gauge 11S ₂
F	1517	0	1517	1	0	G								gauge
F	1615	7	1615	9	7	XI	R							box 4L clast, rubble
														in box
F	1615	9	1616	1	8	G				9	9	9	9	11 S ₂
F	1618	2	1618	9	0	P	R	0						8% recovery
F	1618	9	1619	10	5	R								coarse rubble
F	1619	6	1619	15	5	G	R							IND gauge + rubble
F	1710	7	1710	7	5	R	G							rubble + gauge
F	1710	7	1711	9	0	N	N	N						No core - KA sample
F	1811	6	1812	10	0	XI								Box in siliceous matrix
F	1812	10	1812	11	6	XI								SB in cc matrix
F	1813	11	1813	19	4	N	N	N						No core - KA sample
F	1918	9	1919	14	0	G				9	9	9	9	60% gauges 11S ₂
F	11014	8	11015	13	5	R								rubble
F	11015	11	11015	11	9	G								IND gauge
F	11318	3	11318	4	0	G								IND gauge
F	11412	3	11412	4	0	G								IND gauge

DIAMOND DRILL RECORD

LOGGED BY S. B. Reamsbottom

PROPERTY _____

LATITUDE _____

BEARING OF HOLE _____

STARTED _____

DEPARTURE _____

DIP OF HOLE _____

COMPLETED _____

ELEVATION _____

DIP TESTS _____

Proposed:
DEPTH Ultimate: _____

D.D.H. No. 75-A84 PAGE 4 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
430	469	DARK GRAY, SERICITE - QUARTZ - CARBONATE - BIOTITE PHYLLITE Greenish tinge so possible chlorite locally. Note white carbonate with quartz laminae. Excellent small-scale F2 folds. Good F2 foliations. Local F3 kinks subvertical -- white cc veins and blebs of pyrrhotite throughout. Locally graphitic: 464-468'. Core Angle: 440' = 82°, 450' = 78°, 460' = 76°, 470' = 70°.											
469	488	PALE-CREAM-GREENISH, SERICITE - CHLORITE - QUARTZ - CARBONATE PHYLLITE with thin (0.5') graphite partings at 481'. Quite limy. White coarsegrained carbonate veins. Rock slightly bleached. Gouge @ 483-485'. Mariposite @ 486'. Core Angle: 480' = 78°.											
488	503.5	SULPHIDE ZONE Massive sulphide bands (2-8') within bleached sericite phyllite: pyrite, pyrrhotite, magnetite, lesser galena, sphalerite. 3-4% lead-zinc or less. Crystalline c.c. veins. Zone broken, incompetent rock. No. 2044 -- M. banded sulphide: 80% sulphide, 3% lead-zinc. No. 2045 -- as above: net veined by c.c. veins, Schist partings. Core Angle: 490' = 56°, 500' = 67°(?)	2	2044	488	490	2	1.39	0.67	0.50			
			150		490	495		Rock broken, gougy. No lead-zinc.					
			8	2045	495	503.5	8.5	1.58	1.50	0.59			

DIAMOND DRILL RECORD

LOGGED BY S. B. Reamsbottom

PROPERTY _____

D.D.H. No. 75-A84 PAGE 6 of 12

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		
655	689	Grades to GRAY, QUARTZ - SERICITE PHYLLITE Note fine-grained sphalerite-galena @ 657'. Rock broken @ 656-665; 673-684'. Core Angle: 660' = 50°, 670' = 70°, 680' = 63°.															
			2/3		657	660	3										
			10/11		673	684	11										
689	707	ALTERATION ZONE BLEACHED, GOUGED, CARBONATE-VEINED, GRAY, QUARTZ - SERICITE PHYLLITE Bleach zone above sulphide. Core Angle: 690' = 37°, fault?; 700' = 30°, F3 fold.															
			1/1.5		689	690.5		Gouge									
			1.5/2		690.5	692.5		Gouge									
			3.5/4		692.5	696.5											
707	719	SULPHIDE ZONE Mainly massive pyrite, sphalerite with white barite. Pyrite, orange sphalerite, galena, lesser pyrrhotite, barite. 70% sulphide: grade 10-15% lead-zinc in barite sections. No. 2046 -- mineralized quartz-sericite phyllite; 30% sulphide: pyrite, pyrrhotite, sphalerite, lesser galena: 5-7% lead-zinc. No. 2047 -- M.S. 70-75% sulphide+ barite: pyrite, orange sphalerite, galena, barite; 15% lead-zinc. Some porous texture. Core Angle: 710' = 55°, M.S.															
			4	2046	707	711	4	3.08	4.86	1.32			12.32	19.44	5.28		
			8	2047	711	719	8	5.63	8.88	2.68			45.04	71.04	21.44		
				<u>W.P.V.</u>	<u>707.0</u>	<u>719.0</u>	<u>12.0</u>	<u>4.78</u>	<u>7.54</u>	<u>2.23</u>	<u>(76.3)</u>		<u>57.36</u>	<u>90.48</u>	<u>26.72</u>		

DIAMOND DRILL RECORD

LOGGED BY S. B. Reamsbottom

PROPERTY _____

D.D.H. No. 75-A84 PAGE 10 of 12

LATITUDE _____ BEARING OF HOLE _____

STARTED _____

CLAIM No. _____

DEPARTURE _____ DIP OF HOLE _____

COMPLETED _____

DIRECTION AND DISTANCE FROM

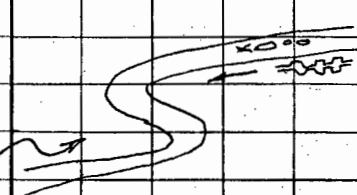
ELEVATION _____ DIP TESTS _____

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			
1013	1307.5	BLACK, STRIPED, QUARTZ - GRAPHITIC PHYLLITE Wispy fine-grained sphalerite, galena, pyrite in F1 and F2 laminae Chalcopyrite in tension fractures. Band of massive sulphide from 1045-1047.5'. Pyrite, pyrrhotite, magnetite, sphalerite, lesser galena; chalco- pyrite in gashes. Phyllite has blebs, stringers of pyrite, pyrrhotite throughout. More massive, less banded from 1050' on to 1157'. Quite striped from there on.																
						1013	1017											
						@1024'	—											
			2.5	2057	1045	1047.5	2.5	3.53	2.46	1.18								
					1050	1054												
		Core Angle: 1020' = 70°, 1030' = 74°, 1040' = 70°, 1050' = 43°, F3 fold?, 1060' = 85°, 1070' = 65°, 1080' = 74°, 1090' = 65°.																
		Note rock is locally white quartz mottled appearance where quartz laminae have been completely transposed. Also circular graphite-cherty clasts from 1100' on. Abundant pyrrhotite, blebs also. Veins with crystalline cc and pyrite. Bands of less graphitic sericite phyllite 1183-1203'.																
		Core Angle: 1100' = 66°, 1110' = 75°, 1120' = 60°, 1130' = 74°, 1140' = 80°, 1150' = 67°, 1160' = 73°, 1170' = 63°, 1180' = 77°, 1190' = 70°, 1200' = 63°, 1210' = 67°, 1220' = 76°.																
		Note zones in white quartz laminae boudined or in which clasts or pyrite blebs have pressure shadows are probably on limbs of F2 folds - more extensional features on limbs!																
		Note from 1250-1307' fine-grained blebs and stringers of pyrite pyrrhotite and dark reddish sphalerite throughout section. Minor chalcopyrite in cross fractures. Rock extremely transposed, Local boudinage and clasts or pyrite crystals with pressure shadows. Subvertical fault zones with crumpled phyllite.																

tension - boudinage



FAGA115

DRILL HOLE : FAGA115
NORTHING : 905,145.2
EASTING : 591,949.7
ELEVATION : 1,316.2
TOTAL DEPTH : 448.1
SECTION : W 85
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: 33
NOS DOWN-H-SURVEYS: 6
NOS DOWN-H-LITHOLOGY: 86
NOS DOWN-H-STRUCTURE: 64
NOS DOWN-H-FAULTS: 76
NOS DOWN-H-SPLINES: 6
NOS COMPOSITES: 0

19OCT83 GRUM

ORE SAMPLES & ASSAYS (OH020)

PAGE: 22

DDH: FAGA115 UTM-N: 905,145.2 UTM-E: 591,949.7 UTM-ELEV: 1,316.2 TOTAL DEPTH: 448.1 SECTION: W 86
 RFE: 52 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

---DEPTHS---		SAMPLE NO.	INT.	REC.	ROCK UNIT	S.G. PULP	ASSAYS											S.G. W.R.		
FROM	TO						CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %		MN %	AS %	BA %
221.3	223.1	14485	1.8	1.3	4C*		.10	.81	.59	18.00										
223.1	225.0	14487	1.9	1.9	4C8*		.23	1.50	.98	29.99										
225.0	225.8	14488	.8	.7	454		.11	5.70	7.59	132.00										
327.0	328.3	14489	1.3	1.2	4C0		.08	.68	1.16	15.99										
328.3	331.4	14490	3.1	3.0	5A19		.08	1.04	.66	21.00										
331.4	332.5	14491	1.1	1.1	4A0		.14	.61	.47	17.00										
332.5	334.0	14492	1.5	1.5	4DE	3.62	.19	2.71	3.39	53.00			.62	4	17	22				
334.0	335.0	14493	2.0	1.8	4A0	3.27	.20	.19	.34	11.00			.68	3	14	17				
335.0	338.0	14494	2.0	2.0	4A0	3.35	.20	1.42	2.04	27.99			.81	3	13	17				
338.0	340.0	14495	2.0	2.0	4A0		.19	.17	.17	9.00										
340.0	342.0	14495	2.0	2.0	4A0		.16	.14	.19	7.99										
342.0	343.5	14497	1.5	1.5	4A0		.17	.36	.23	13.99										
343.5	345.5	14498	2.0	2.0	4C*		.14	.14	.57	13.00										
345.5	347.5	14499	2.0	2.0	4A1		.11	.27	.19	9.00										
347.5	349.8	14500	2.3	2.3	4A1		.23	.34	.28	13.00										
349.8	350.6	14501	.8	.8	4E14		.46	3.70	4.53	66.00										
350.6	352.2	14502	1.6	1.5	4CA		.19	.49	.92	13.00										
352.2	353.8	14503	1.6	1.6	4A1		.14	.26	.39	6.99										
353.8	355.2	14504	1.4	1.4	4C0	3.29	.22	1.06	.99	17.00			.68	8	10	19				
355.2	356.2	14505	1.0	1.0	434	4.46	.19	4.19	6.09	53.00			.95	1	17	19				
356.2	358.0	14506	1.8	1.8	4A14	3.14	.05	2.00	3.62	28.99			.34	5	6	11				
358.0	360.5	14507	2.5	2.5	504*		.02	.17	.32	3.00										
360.5	361.4	14508	.9	.8	4A14		.08	2.02	5.26	26.00										
408.6	410.2	14509	1.6	1.4	4A1		.05	1.30	2.54	19.00										
411.7	413.4	14510	1.7	1.7	4L72		.07	2.50	.80	22.00										
420.0	421.9	14511	1.9	1.8	4EK16	4.34	.16	1.76	2.31	27.00			.68	5	27	33				
421.9	423.5	14512	1.6	1.5	4G4	4.50	.17	4.86	7.12	55.99			.75	1	17	19				
423.5	425.2	14513	1.7	1.7	4G4	4.62	.11	3.64	6.83	44.00			.81	1	17	13				
425.2	426.3	14514	1.6	1.6	4C8	3.56	.22	1.04	1.28	20.00			.75	5	16	22				
426.8	428.3	14515	1.5	1.2	4C8	3.72	.23	2.04	2.19	34.00			.81	6	19	25				
428.3	430.4	14516	2.1	1.9	4A17		.14	.53	.94	13.99										
430.4	432.1	14517	1.7	1.7	4EK1		.11	.69	.99	21.00										
432.1	433.2	14518	1.1	1.1	4L24		.05	1.33	1.24	21.00										
WEIGHTED AVERAGE																				
221.3	225.8		4.5	4.4			.15	1.97	2.00	43.33										
327.0	361.4		34.4	33.8		.97	.15	.39	1.23	18.47			.18	1	3	4				
408.6	410.2		1.5	1.4			.05	1.30	2.54	19.00										
411.7	413.4		1.7	1.7			.07	2.50	.80	22.00										
420.0	433.2		13.2	12.5		2.62	.15	1.95	2.86	29.31			.47	2	12	15				

DDH: FAGA115 UTM-N: 905,145.2 UTM-E: 591,949.7 UTM-ELEV: 1,316.2 TOTAL DEPTH: 448.1 SECTION: W 86
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	175.000	52.000
182.900	174.000	88.000
243.800	172.200	104.000
304.800	168.500	103.000
365.800	168.500	101.000

DDH: FAGA115 UTM-N: 905,145.2 UTM-E: 591,949.7 UTM-ELEV: 1,316.2 TOTAL DEPTH: 448.1 SECTION: W 86
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
0.9	0001	#		0.5-	1
4.9	0002	500	(5880) (10Q#)	0.5-	1
48.5	0003	580	88 82 (500)(10Q#) 90:08:02	0.5-	1
72.8	0004	5880	(500) (10Q#) 85:15:TR	0.5-	1
82.9	0005	5820	8 (500) (10Q#) 85:15:TR	0.5-	1
85.4	0006	500	(10Q#)	0.5-	1
94.5	0007	588	80 82 (504889) 95:05	0.5-	1
120.0	0008	580	82810 38V.MIN 3STR(500)(10Q#)	0.5-	1
121.3	0009	5820	-> 5A0 DOWN	0.5-	1
137.1	0010	5820	(500) (10Q#)	0.5-	1
143.5	0011	540	83 89 (5820) (500 BIO)	0.5-	1
158.0	0012	580	82 BIO (10Q#) (500)	0.5-	1
183.1	0013	5820	8 86 (500) (10Q#)	0.5-	1
185.2	0014	500	(5820) 80:20	0.5-	1
187.7	0015	5820	(5A0)	0.5-	1
192.5	0016	588	84 (500) (506) (10Q#)	0.5-	1
195.1	0017	580	82 (58682) (506) 60:40:TR	0.5-	1
199.0	0018	4L74	2 (4L6#)	0.5-	1
200.9	0019	4L65	82 (10Q#)	0.5-	1
203.0	0020	5888		0.5-	1
213.9	0021	4L0	85 87 84 (5088)(5048)(4088)	0.5-	1
215.1	0022	586	88 84 88 -> 4L6 (5008)	0.5-	1
218.0	0023	508	(5048) (4L2) 4L08688	0.5-	1
221.3	0024	4L7	82 84 81 (10Q89)	0.5-	1
223.1	0025	4C8	(5048) 70:30	0.5-	1
225.0	0026	4C88	-> 4C838 (5048)	0.5-	1
225.6	0027	4G4	88	0.5-	1
230.5	0028	5868	82 (50084)	0.5-	1
231.9	0029	588	80 82	0.5-	1
264.1	0030	5880	82 (500) (10Q#)	0.5-	1
267.1	0031	5848	88 82 (5048) 70:30	0.5-	1
282.5	0032	5068	82 (58628) (5A688)	0.5-	1
283.0	0033	5048	(10Q8)	0.5-	1
283.8	0034	5A19		0.5-	1
284.2	0035	5048		0.5-	1
284.7	0036	5A8		0.5-	1
285.1	0037	5048	(5A) MINOR	0.5-	1
286.1	0038	4A0	-> 5A19 DOWN	0.5-	1
294.3	0039	586	82 88 ->5A19 DOWN	0.5-	1
294.7	0040	484	(5C8) (4E44) 50:10:40	0.5-	1
295.6	0041	5C48		0.5-	1
296.3	0042	5A6	(5048) (4A0)	0.5-	1
296.7	0043	5048	9	0.5-	1
302.4	0044	5A6	88 (5862) (5048) (10Q8)	0.5-	1
312.1	0045	5880	88	0.5-	1
315.0	0046	5848	(5048) 70:30	0.5-	1
322.8	0047	580	88 BIO ->580 DOWN (5048)	0.5-	1
326.1	0048	5868	82 (10Q8)	0.5-	1
327.0	0049	4L0	85 (5048)	0.5-	1
328.3	0050	400	(4L0) (10Q8)	0.5-	1
331.4	0051	5A19	88 (4A0) (4A43) 80:10:10	0.5-	1

DDH: FAGA115 UTM-N: 905,145.2 UTM-E: 591,949.7 UTM-ELEV: 1,316.2 TOTAL DEPTH: 448.1 SECTION: W 86
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
332.5	0052	4A0	81 83 ->4C583	0.5-	1
334.0	0053	4D43	(4E1) (5C48) (5D48)	0.5-	1
343.5	0054	4A0	81 83 ->4C583 (5D48)	0.5-	1
344.3	0055	4C8		0.5-	1
349.2	0056	4A1	83	0.5-	1
349.8	0057	4C0		0.5-	1
350.0	0058	4E14	88 (5D8)	0.5-	1
351.5	0059	4C0		0.5-	1
353.8	0060	4A1	-> 4C5	0.5-	1
355.2	0061	4C0	87 89 (5D48) MINOR	0.5-	1
356.2	0062	4G4	(4E46) 50:50	0.5-	1
358.0	0063	4A1	-> 4C0 (5D48)	0.5-	1
360.5	0064	5D4*	9 (5C48) (4D5) (10Q8)	0.5-	1
361.4	0065	4A14	(4D0)	0.5-	1
408.0	0066	5B20	(5D0) (10Q#) V. MINOR	0.5-	1
410.2	0067	4A14	(4D0) (5D48) 30% 4D TO MARGINS	0.5-	1
411.7	0068	5D4*	(5C8) (4C78)	0.5-	1
413.4	0069	4L72	84 81 MINOR	0.5-	1
414.1	0070	5B62	9 81	0.5-	1
418.7	0071	4L0	82878486(4C7->4D7)(10Q8)7:2:1	0.5-	1
420.0	0072	5B48	8 [5D8]	0.5-	1
420.8	0073	4E46		0.5-	1
421.9	0074	4E18	(4K8) (4C893) 50:20:30	0.5-	1
425.2	0075	4G4	8# (4E46) 80:20	0.5-	1
425.8	0076	4C8	89	0.5-	1
426.6	0077	4A1	87 89	0.5-	1
428.3	0078	4C8	(4E148) 90:10	0.5-	1
430.4	0079	4A1	87 89	0.5-	1
431.2	0080	4E1	(4K0)	0.5-	1
431.4	0081	4L24		0.5-	1
432.1	0082	4D8	->4E8 ->4K0	0.5-	1
433.2	0083	4L24	(4D8)	0.5-	1
437.8	0084	5B2	88 80 89 ->5A19	0.5-	1
439.7	0085	5B2*	9	0.5-	1
443.1	0086	5B62	88	0.5-	1

DDH: FAGA115 UTM-N: 905,145.2 UTM-E: 591,949.7 UTM-ELEV: 1,316.2 TOTAL DEPTH: 448.1 SECTION: W 86
 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
FAGA115	0.0	4.4	CS2		0	0	0	0	65	230	0		1	1	1
FAGA115	0.0	17.8	CS2		0	0	0	0	65	230	0		1	1	1
FAGA115	0.0	19.6	CS2		0	0	0	0	80	230	0		1	1	1
FAGA115	0.0	26.8	CS2		0	0	0	0	75	230	0		1	1	1
FAGA115	0.0	31.0	CS2		0	0	0	0	75	230	0		1	1	1
FAGA115	0.0	38.0	CS2		0	0	0	0	70	230	0		1	1	1
FAGA115	0.0	44.6	CS2	D	0	0	0	0	80	230	0		1	1	1
FAGA115	0.0	50.7	CS2		0	0	0	0	75	230	0		1	1	1
FAGA115	0.0	59.5	CS2		0	0	0	0	85	230	0		1	1	1
FAGA115	0.0	64.9	CS2		0	0	0	0	80	230	0		1	1	1
FAGA115	0.0	71.2	CS2		0	0	0	0	70	230	0		1	1	1
FAGA115	0.0	78.5	PS2	P	0	0	0	0	70	230	0		1	1	1
FAGA115	0.0	89.7	PS2	P	0	0	0	0	70	230	0		1	1	1
FAGA115	0.0	96.5	CS2		0	0	0	0	70	230	0		1	1	1
FAGA115	0.0	99.3	CS2		0	0	0	0	70	230	0		1	1	1
FAGA115	0.0	104.9	CS2		0	0	0	0	80	230	0		1	1	1
FAGA115	0.0	112.0	PS2	P	0	0	0	0	85	230	0		1	0	0
FAGA115	0.0	119.0	PS2	P	0	0	0	0	85	230	0		1	1	1
FAGA115	0.0	126.2	PS2	P	0	0	0	0	80	230	0		1	1	1
FAGA115	0.0	133.6	CS2		0	0	0	0	70	230	0		1	1	1
FAGA115	0.0	140.5	CS2		0	0	0	0	70	230	0		1	1	1
FAGA115	0.0	149.0	CS2		0	0	0	0	80	230	0		1	1	1
FAGA115	0.0	156.0	CS2		0	0	0	0	85	230	0		1	1	1
FAGA115	0.0	170.0	CS2		0	0	0	0	60	230	0		1	1	1
FAGA115	0.0	170.2	CS2		0	0	0	0	70	230	0		1	1	1
FAGA115	0.0	176.4	CS2	D	0	0	0	0	60	230	0		1	1	1
FAGA115	0.0	183.5	CS2		0	0	0	0	80	230	0		1	1	1
FAGA115	0.0	191.0	PS2	P	0	0	0	0	35	230	0		1	1	1
FAGA115	0.0	198.0	PS2	P	0	0	0	0	85	230	0		1	1	1
FAGA115	0.0	206.3	PS2	P	0	0	0	0	65	230	0		1	1	1
FAGA115	0.0	213.0	CS2		0	0	0	0	80	230	0		1	1	1
FAGA115	0.0	219.0	PS2	P	0	0	0	0	80	230	0		1	1	1
FAGA115	0.0	226.3	CS2		0	0	0	0	75	230	0		1	1	1
FAGA115	0.0	233.5	PS2	P	0	0	0	0	80	230	0		1	1	1
FAGA115	0.0	242.0	PS2	P	0	0	0	0	85	230	0		1	1	1
FAGA115	0.0	249.0	CS2		0	0	0	0	80	230	0		1	1	1
FAGA115	0.0	259.0	CS2		0	0	0	0	80	230	0		1	1	1
FAGA115	0.0	267.5	CS2		0	0	0	0	80	230	0		1	1	1
FAGA115	0.0	278.4	CS2		0	0	0	0	80	230	0		1	1	1
FAGA115	0.0	285.4	CS2		0	0	0	0	70	230	0		1	1	1
FAGA115	0.0	289.0	PS2	P	0	0	0	0	80	230	0		1	1	1
FAGA115	0.0	298.2	CS2		0	0	0	0	80	230	0		1	1	1
FAGA115	0.0	304.5	CS2		0	0	0	0	75	230	0		1	1	1
FAGA115	0.0	313.0	PS2	P	0	0	0	0	80	230	0		1	1	1
FAGA115	0.0	320.5	CS2		0	0	0	0	70	230	0		1	1	1
FAGA115	0.0	325.5	CS2		0	0	0	0	80	230	0		1	1	1
FAGA115	0.0	332.0	CS2		0	0	0	0	80	230	0		1	1	1
FAGA115	0.0	339.5	PS2	P	0	0	0	0	60	230	0		1	1	1
FAGA115	0.0	346.0	CS2		0	0	0	0	75	230	0		1	1	1
FAGA115	0.0	352.7	CS2		0	0	0	0	85	230	0		1	1	1
FAGA115	0.0	359.0	CS2		0	0	0	0	75	230	0		1	1	1

DDH: FAGA115 UTM-N: 905,145.2 UTM-E: 591,949.7 UTM-ELEV: 1,316.2 TOTAL DEPTH: 448.1 SECTION: W 86
 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
FAGA115	0.0	363.5	CS2		0	0	80	230	0	1	1	1
FAGA115	0.0	372.6	CS2		0	0	85	230	0	1	1	1
FAGA115	0.0	379.0	CS2		0	0	85	230	0	1	1	1
FAGA115	0.0	385.3	CS2		0	0	80	230	0	1	1	1
FAGA115	0.0	392.3	CS2		0	0	75	230	0	1	1	1
FAGA115	0.0	400.0	CS2		0	0	70	230	0	1	1	1
FAGA115	0.0	408.0	CS2		0	0	75	230	0	1	1	1
FAGA115	0.0	414.0	CS2		0	0	80	230	0	1	1	1
FAGA115	0.0	423.0	PS2	P	0	0	65	230	0	1	1	1
FAGA115	0.0	428.7	CS2		0	0	80	230	0	1	1	1
FAGA115	0.0	435.6	PS2	P	0	0	85	230	0	1	1	1
FAGA115	0.0	442.6	PS2	P	0	0	80	230	0	1	1	1
FAGA115	0.0	448.1	CS2		0	0	75	230	0	1	1	1

DDH: FAGA115 UTM-N: 905,145.2 UTM-E: 591,949.7 UTM-ELEV: 1,316.2 TOTAL DEPTH: 448.1 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
FAGA115	0.9	3.0	B				0	0	0	1
FAGA115	17.3	17.6	GB				0	0	0	1
FAGA115	25.4	25.6	G				0	0	40 330	1
FAGA115	26.9	27.7	G				35 220	99 999	0	1
FAGA115	31.9	32.1	G				0	0	0	1
FAGA115	0.0	32.9	G				0	99 999	0	1
FAGA115	33.6	36.0	BG				0	0	0	1
FAGA115	36.5	36.9	G				0	0	0	1
FAGA115	38.7	38.9	G				0	0	0	1
FAGA115	39.5	39.7	GR				0	0	0	1
FAGA115	33.7	39.9	P	6			0	0	0	1
FAGA115	40.3	40.8	GB				20	0	0	1
FAGA115	47.2	48.0	BGF				0	99 999	0	1
FAGA115	73.7	75.6	29G				0	0	0	1
FAGA115	76.2	76.3	G				0	99 999	0	1
FAGA115	81.2	81.4	G				99 999	0	99 999	1
FAGA115	82.9	85.4	2B				0	0	0	1
FAGA115	85.4	86.3	G				0	0	99 999	1
FAGA115	87.0	89.9	G				32 70	99 999	0	1
FAGA115	90.0	93.2	3GS				0	0	0	1
FAGA115	85.4	94.5	3B				0	0	0	1
FAGA115	0.0	128.3	G				0	0	0	1
FAGA115	128.5	128.6	G				0	0	0	1
FAGA115	129.1	129.2	G				0	0	0	1
FAGA115	132.9	133.0	G				45	0	0	1
FAGA115	0.0	133.8	FQX				0	15 160	0	1
FAGA115	135.0	135.8	RG				0	0	0	1
FAGA115	135.1	137.1	B				0	0	0	1
FAGA115	160.7	160.8	G				0	0	0	1
FAGA115	0.0	160.8	S				0	99 999	0	1
FAGA115	190.3	190.4	GB				0	0	0	1
FAGA115	191.7	191.8	R				0	0	0	1
FAGA115	192.1	192.3	G				99 999	0	0	1
FAGA115	204.0	204.1	G				0	99 999	0	1
FAGA115	205.4	206.2	1D				0	0	0	1
FAGA115	220.5	220.7	BG				0	0	0	1
FAGA115	0.0	221.3	G				0	0	0	1
FAGA115	223.1	225.0	1R				0	0	0	1
FAGA115	225.8	226.0	1S				0	99 999	0	1
FAGA115	228.7	228.8	1G				0	0	0	1
FAGA115	254.9	255.0	G				0	0	0	1
FAGA115	255.9	256.5	G				99 999	0	45	1
FAGA115	0.0	262.1	G				0	45 180	0	1
FAGA115	262.9	263.0	G				0	99 999	0	1
FAGA115	264.1	267.1	2B				0	0	0	1
FAGA115	0.0	267.1	F				0	45	0	1
FAGA115	267.1	270.0	G3F	3			0	0	0	1
FAGA115	0.0	272.7	G				0	99 999	0	1
FAGA115	0.0	278.1	G				0	0	0	1
FAGA115	280.0	280.2	1G				0	0	0	1
FAGA115	282.5	283.6	3R3				0	0	0	1

DDH: FAGA115 UTM-N: 905,145.2 UTM-E: 591,949.7 UTM-ELEV: 1,316.2 TOTAL DEPTH: 448.1 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
FAGA115	283.3	284.2	2B		0	0	0	1
FAGA115	284.7	285.1	5R		0	0	0	1
FAGA115	285.1	286.1	3BR		0	0	0	1
FAGA115	290.7	290.8	1F		0	0	0	1
FAGA115	286.1	294.3	23		0	0	0	1
FAGA115	295.6	296.3	GR		99	999	0	1
FAGA115	295.3	296.7	33		0	0	0	1
FAGA115	296.7	297.3	3BR		0	0	0	1
FAGA115	301.8	301.9	G		0	0	0	1
FAGA115	301.9	304.6	SF?		0	0	0	1
FAGA115	0.0	304.8	F		0	45	260	1
FAGA115	0.0	312.1	G		0	0	0	1
FAGA115	313.2	313.3	G		0	0	0	1
FAGA115	314.3	314.4	G		0	0	0	1
FAGA115	314.4	315.0	3BG		0	0	0	1
FAGA115	315.0	316.4	2B		0	0	0	1
FAGA115	321.8	321.9	1G		0	0	0	1
FAGA115	326.1	327.0	3BT		0	0	0	1
FAGA115	326.2	328.5	G		0	0	0	1
FAGA115	356.2	358.0	1DX		0	0	0	1
FAGA115	368.4	368.5	1G		45	260	0	1
FAGA115	389.0	389.1	G		0	0	0	1
FAGA115	426.8	428.3	1D		0	0	0	1
FAGA115	0.0	433.2	1DX		0	0	0	1
FAGA115	446.2	446.5	BQ		0	0	0	1

19OCT83 GRUM

DOWN-HOLE SPLINES (DHO20)

PAGE: 30

DDH: FAGA115 UTM-N: 935,145.2 UTM-E: 591,949.7 UTM-ELEV: 1,316.2 TOTAL DEPTH: 448.1 SECTION: W 36
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 41 312 DHD CALC: 1 SS CALC: 1

DDH SEGMENT NOS COND INDICATOR

FAGA115	1	2
FAGA115	2	2
FAGA115	3	2
FAGA115	4	2
FAGA115	5	2
FAGA115	6	1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: FAG A 115

Reference Fabric Orientation Diagram:

Project: GRUM

Location: 86W

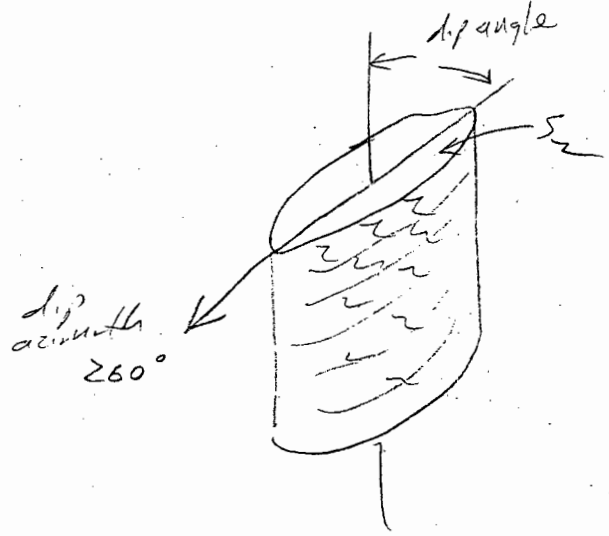
Claim: _____

Terr. Plane Co-ords.: 905145.2 N

1979 HIW Survey

591949.7 E

Grid Co-ords: _____



All symmetry determinations looking

Elevation: 1316.2

N with S2 dipping

Total Depth: 448.1

W with dip azimuth 260° below 175m @ 225°

Purpose: _____

Reason hole Terminated: _____

Logged by: GAJ DSJ

Date(s) Logged: 23 AUG 82

Drilling Contractor: _____

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

Hole Cemented: _____

Steel down hole: _____

Started: _____ Completed: _____

Lithologic Log

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	00	09		1	#	O/B
L	09	49		2	SDO	(5B80, OQ*cal); 60:40; core blk above 3m, no gauge, rest intact, recy good
L	49	485		3	5B9	$\pm 8 \pm 2$ (500, OQ*cal); 70:8:2; SD scattered as 10-20 cm bands 11S ₂ ; OQ* S ₂ foliaform 1-20 cm thick w/ bulk 28.8-30.6 as 3 pods; m blk. → intact w/ gouges: 17.3-17.6 = indeter blk. core; 25.4-25.6 wr cut 40°/330° upper IND; 26.9-27.7 upper 35°/220°, wr IND internal 11S ₂ or IND; 31.9-32.1 wr 45° to C.O. w/ horiz S ₂ , upper 11S ₂ ?; S ₂ ll gauge @ 32.9; 35.6-36.0 = blk. core & gauge upper IND, lax IND w/ 45° internal fabric > S ₂ ; 36.5-36.9 upper/lower IND; 38.7-38.9 indeter; 39.5-39.7 = indeter rubble & gauge; 39.7-39.9 = 0.7 m. recy ⇒ washouts; 40.3-40.8 indeter. gauge & blk. core w fault immed above gauge 20°/000°; 47.2-48.0 = blk. core & indeter " w/ S ₂ ll internal gauge; ± 8 minor slightly greenish gray; ± 2 v. local ⇒ unit essent 580 ± 8.
L	485	728		4	5B80	(500, OQ*cal); 85:15: <1%; OQ* dom. S ₂ foliaform in gen. & < above unit; lt. grayish green w/ well devel. c.ker.; upper contact of unit in fault zone 47.2-48.0 ⇒ poss. signif. fault??
L	728	829		5	5B20	8 where 2 & 8 wk. (520, OQ*cal); 85:15: 5; grayer than above unit w/ wr 1/2 most carb.; OQ* S ₂ ll; m. blk. & S ₂ ll incip. gouged: 73.7-75.6 = S ₂ ll gauge w/ shrd. margins ⇒ signif. fault; 76.2-76.3 ≈ S ₂ ll; 81.2-81.4 = S ₂ ll upper & lower w/ well pres. internal gauge crudely S ₂ ll; blk. but good recy
L	829	854		6	SDQ	(OQ*) = 3% as 1-3 cm. S ₂ ll lenses & F ₂ inclusions; m. blk. but no signif. gauge; upper

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	854	945		7	5B*	contact grad. thru SR80 ±0±2 (534* del ±9 _{mm}); 95:5; h. blen & incp. gouged but recy good; gauges: 85.4-86.3 w/ upper IND, lux. S ₂ ll, internal S ₂ ll overall incp. in sub. not important; 87.0-89.9 upper 32°/70° cutting S ₂ , lower IND w/ S ₂ ll internal incp gauge overall 20% gauge w/ good recy.; 90.6-93.2 = hkn. core, gauge & heavily sheared core w/ upper IND lower IND internal 0-80° to c.a. ⇒ rotated steep panel between mod. dipping -45°? faults
L	945	1200		8	5B0	±2 bio ± * v. minor ± stringers (500, OQ* cal); OQ* = 2% S ₂ foliaform lenses / isoclinal to 10cm thick; ±2 = minor for last 4.5 m.; 500 = v. minor as 1cm - 20cm. v. biotite bands some w/ good bddy ⇒ tuffs; stringers = thin qtz-bio bands either transposed band/beds or veins, prob. former; intact; scatt. bio. as distinct to above poss. ⇒ last fault signif (90.6-93.2); @ 113.8 there is a fault 15°/160 w/ qtz-CO ₂ healed bdy w/ horiz shaly on fault plane - minor Σ slip fault; no gauge ⇒ 5A0 downwards; upper contact grad as is lower w/ lower sharper; intact no gauge
L	1200	1213		9	5B20	(500, OQ* cal) OQ* cal - minor chlor + PbS; 80:20; 2 borderline - just barely; 500 S ₂ ll interbands 20-50cm. but down to 0.5cm. - norm. SD w/ good banding some gradational contacts ⇒ tuffs lower cut. arbitrary; minor ± * del. but unit dem. calcitic; 5B = biotite in S ₂ ll bands partic. in calcitic bands; gauges: 128.3 = 1cm. gauge @ 45° ca. w/ horiz S ₂ ; 128.5 -128.6 = 2cm gauge " " " " " " ; last 2m blen,
L	1213	1371		10	5B20	

Code	From		To		Recov.	No.	Unit	Description		
	10	14	16	20					22	24	26	28	30	34	35
								129.1-129.2 = indeter to S ₂ 11; 132.9-133.0 lwr #115, upper 45°/000° ⇒ mod. dipping fault; 135.6-135.8 indeter. rubble & gouge assoc. w/ carb band		
L	1371		1435			11	5A0	±3±9 loc. py (5B20, 5D0 bio-miner); ±3 = scattered lt. gy g. carb. band ⇒ steping in fairly uniformly carb. unit; intact		
L	1435		1580			12	5B0	±2 biotite (00% cal) (5D0) minor; 00% - 5-10cm S ₂ 11 masses; intact; bio again in calcite bands c.f. #10; lwr. cont. grad. into #13		
L	1580		1831			13	5B20*	(5B20±*, 5B6*2±0, 5D0, 00% cal+dol); 50: 20; 30; tr: minor; 5B20* in lower 1/2 of unit as 2 carbonate assemblage; 5B20±* in upper 1/3, 5B6*2 in middle; 5D0 from 1cm - 20cm @ 163.0-163.2 (1st); intact; gouge 160.7-160.8 = indeter. but likely #15. FW of gouge shrd #15. ⇒ symmet ^m slip c.f. Make Believe		
L	1831		1852			14	5D0	(5B20); 80:20; 5B20 in last 0.8m as S ₂ 11 interbands; 5D0 f.g. maybe tuff. w/ color lam 11 P52/R51; intact; lwr. contact I/B w #15		
L	1852		1877			15	5B20	(5A0); all dk. colored, blk when well w S ₂ 11 folia ⇒ steping; (00% cal); upper 1/2 more carb. than lower 1/2; intact		
L	1877		1925			16	5C*	±4 dol (5D0, 5D6, 00% cal.); 50:40; 5C in core of unit; intact ⇒ m. blan.; gouges: 190.3-190.4 = indeter + blan.; 191.7-191.8 = indeter rubble & 000; 192.1-192.3 = S ₂ 11 upper, lower cuts S ₂ & indeter ≈ #15 - not signif.		
L	1925		1951			17	5B0	±2 (5B6±2, 5D6); 60:40; tr; 5D0 as thin tuff bands; well stepped w/ dk. gy S ₂ 11 folia; intact, no gouge		
L	1951		1990			18	4L7+	2 (4L65 cal); minor carb. bands; po+ZnS as S ₂ 11 bands w/ microfossils tests - veins or		

Code	From				To				Recov.	No.	Unit	Description
	10	14	16	20	22	24	26	28					30	34	35
												transp. beds 196.4-196.6 & 197.2-197.4 & 198.3-199.0 rich in py prob. vein also cpy; sulfs ≈ 5% over interval gen. 11S; intact grades ↓ to # 19
L	1990			2009						119	44G5	±2 (OQ*cal); m. greenish gray → greenish cream w/ SB as prob. protolith; 2 carbonates cal >> dol.; OQ* ≈ 10% as S ₂ foliiform mass
L	2009			2030						120	5C*	cal > dol.; fig. equigran. ign. text. preserved w/ SD margins 0.1-0.2 m thick w/ good green color
L	2030			2139						121	44D1	±5 ± 7 ± 4 (50*cal+dol.) (50*1*(40*)) ^{4L 5D 4D} ; 50:30:20 unit ≡ I/B tuffs & sulfs. var. alt ^d ; prob. tuffs, scds & exhalites; main 4D* = 204.9-205.4, 209.0-210.3 (50% 5D & 4L as cal ^d); 44D bands ≈ 1/5 w/ good microgr. text. in 4L 205.4-206.2 as 3-10 cm bands; 5D4* 2030-2034
L	2139			2151						122	51B6	5D* above 206.5; 204.0-204.1 S ₂ 11 gauge (small) ±* ± 4 ± 8 ⇒ 4/6 (500* ^{dol.}); greenish gray CS2 dol. phyll. partly alt ^d from 5B0 w/ grad. upper of lower contacts; ^{50% 5D} 95:5; 5D is S ₂ foliiform ≈ 10 cm. thick
L	2151			2180						123	5D*	(5D4*, 4L2, 4L0 ± 6 ± 5 ^{dol.} , OQ*dol.); unit ≡ interlayered tuffs (banded) & SB intensely alt ^d ; texts. ident 5B0 but chlor washed & CO ₂ is all dol.; props ≈ 70-80% 5D derived 30-20% SB derived
L	2180			2213						124	44F7	±2 ± 4 ± 1; 45' 1 minor (OQ* ^{dol-zns}) = trace vks. Uen; 220.5-220.7 Uen & gouged - indeter. minor fault; incip. gouge EOI; contact w/ #25 11S ₂
L	2213			2231						125	4C*	(5D4*); 70:30; (OQ*dol) < 3%; * in 4C = dol. S _T ≈ 30% w/ py & ZnS-rich bands i.e. reas. exhal. textures; py. dominant; poss. case of " sulfs off by 4L; ^{4L-like folia between} sulfid. bands i.e. 'sulfate'
L	2231			2250						126	4C8*	(5D4*) c.f. 25 but more sulf & mag. rich

4C83*

225.8

Lithologic Log

Date: 23 Aug 82 Logged By: GAJ/DST

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
						* = dol in sulfs of is minor; 8 as then S ₂ // bands of dess grains; S _T = 60-70%??
L	2250	2258		27	4G41	±* dol minor; normal, well rounded; last 3 units may rep. O/P Anvil Cycle tops down w/ very alt ^d rks from 195-2258 as F/w alt ⁿ assemblage, note alt ⁿ downhole from # 27 is = unaltered; intact w/ rubble in # 26
L	2258	2310	3	28	5B6*	±2 (500±4); good dol. carb. phylls. w/ S ₂ // carb. folia; intact; 228.7-228.8 = indeter minor gouge; TOI mod. carb → SA = bazy & somewhat S ₂ // shid — pass μ/μ between sulfs of wall rks — "stypic"
L	2310	2319		29	5B*	±0±2; as above w/ minor calcite; intact
L	2319	2641		30	5B80	±2 loc. (500, 0Q* cal); ^{588 50} 85:5; 0Q* 4% as vermiform S ₂ // 1-10 cm. shid; good 5B80 w/ greenish gray color; 500 diff. to disting. but as S ₂ // bands from 1cm → 0.4m — prob. tuffs; not biotite; intact; gouges @ 254.9-255.0 indeter.; 255.9-256.5 upper = 115 lower 45°/000° internal S ₂ // on indeter; 262.1 = 5cm gauge 45°/180° w/ slicks raking 30° NW if S ₂ to SW; 262.9-2630 115 ₂ w/ 0Q*
L	2641	2671		31	5B4*	±8±2 loc. minor (504*) very carbonated; 70:30 alt ^d 5B/5D pkg. heavily carbonated, Wkn. w/ fault EOI @ 45°/000° & slicks down DLA to 30° to DLA;
L	2671	2825		32	5B6*	±2 (5B62*, 5A6±*); 5A6±* below 279.0 w/ minor 5A0 gouge 267.1-270.0; v. minor 504* tuff bands 115 ₂ ; * always dol; strongly stypic w/ gypse metass ^t lithons between dk. gy. S ₂ // folia; gouges; 267.1-270.1 w/ 0.5M recy mainly gouge; indeter, pass. maj. fault cutting S ₂ ; 272.7 = 2cm. S ₂ // gouge; 278.1 = 5cm. indeter gouge assoc. w/ sh. zone cutting S ₂ @ 20° to c.a. — sm. stypic??;

Lithologic Log

Date: 23 Aug 82 Logged By: GAT/DST

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
						280.0-280.2 prob. S ₂ // not major
L	281.25	281.36		33	5D4*	(OQ*) = 5% ; v. blk & rubbly but no gouge ; unit ends in indeter. intense rubble zone w/ no gouge but poor recy.
L	281.36	281.38		34	5A19	9 = py + ZnS ; ZnS as S ₂ // folia & S ₁ // bands py w/ gtz // S ₁ ⇒ 4A but not good as #33 ; heavily carb. ; blk. but OK recy.
L	281.38	281.42		35	5D4*	dot.
L	281.42	281.47		36	5A*	dot.
L	281.47	281.51		37	5D4*	blk & rubbly + v. minor SA
L	281.51	281.61		38	4A9	shutty → 5A19 down hole ; reas. 4A top TOI to dogshit " ; 5A19 dominant 1-2% carb. ; v. blk → rubbly
L	281.61	291.43		39	5B6	± 2% * dot. → 5A19 py toward EOI (below #39) m. blk. , no maj. gouges , minor fault 290.7 - 290.8 poss stripe
L	291.43	291.47		40	4G4	(5C* , 4E44) ; 50:10:40 ; intact all cuts 11S ₂
L	291.47	291.56		41	5C4*	slightly green , good fuchsite ; OQ* minor lux coal. faulted
L	291.56	291.63		42	5A6	(5D4* , 4A0) ; entirely gouged & rubbly upper contact = fault 11S ₂ , lower contact of unit in fault zone
L	291.63	291.67		43	5D4*	9 = py + ZnS minor sulps assoc. w/ S ₂ // gtz veins entirely blk.
L	291.67	301.24		44	5A6	±* (5B62 , 5D4* , OQ* dot.) ; 50:50 rest minor OQ* < 1% ; 5A6 upper 1/2 5B26 lower 1/2 of unit ; 5B62 well striped 11S ₂ ; TOI - 297.3 v. blk & rubbly , upper IND internal IND , lower IND ; 301.8-301.9 = gouge // to shearing in underlying sheet zone at @ 45° to c.a. at top of shear-grading down to // to S ₂ // prot @ 45° to c.a. w/ S ₂ steeper than normal
L	301.24	301.27		45	5B80	±* upper 2.0m shrd. ; shrg. rld. to faulting at 45° to c.a. , @ 301.8 these faults are @ 45°/260 i.e. nearly E dipping

4.8f.
01.2-301.3

Lithologic Log

Date: 23 Aug 82 Logged By: GAT/JST

Code	From	To	Recov.	No.	Unit	Description						
1	10	14	16	20	22	24	26	28	30	34	35	
												fault if S ₂ SW $\frac{1}{2}$ related to fault in #44; intact below 308.5
L	311.27	311.50		46	51B4*	(504*); 70:30; m. bln \rightarrow locally intact. gauge @ 312.1 indeter; 313.2-313.3 = S ₂ // incip. gauge; 314.3-314.4 = indeter gauge; 314.4-315.0 strongly bln; 314.5-314.6 = indeter gauge; uncertain if any of these major; all ^d pelite/microlite phg						
L	311.50	312.28		47	51B0	± 8 biotite \Rightarrow 5B0 in lower $\frac{1}{2}$ (504*) upper $\frac{1}{2}$ w/ky all ^d of bleached prob. derived from 5B80 where chlor \Rightarrow bio.; intact \rightarrow m. bln.; most bln. above 316.4; minor gauge 321.8-321.9 upper 45% c.a. w/ = heavy S ₂ ; 5B:5D \approx 90:10						
L	322.8	326.1		48	51B6*	± 2 minor (OO* dol.) < 1%; normal dol. 5B						
L	326.1	327.0		49	440	± 5 (504*); v. bln \rightarrow poker chips; return loss center of unit; 70:30						
L	327.0	328.3		50	4D10	(440, OO*); S ₂ \approx 20% py 2 X ZnS; gauge 328.2-328.3; lt. gy \rightarrow cream folia \Rightarrow 440 on 0.5 cm. scale						
L	328.3	331.4		51	51A19	\pm minor (4A0, 4A43); 80:10:10; main exhal 4A 328.3-328.9 $\frac{4A0}{4A43}$ & 329.4-330.0 $\frac{4A0}{4A43}$ \Rightarrow 51A19 w/ typ. textures; gauge; 328.3-328.5 indeter $\frac{4A0}{4A43}$ separates #50 & 51						
L	331.4	332.5		52	4A0	$\pm 1 \pm 3 \Rightarrow 4C5 \pm 3$; gtz & py locally "flood out" graphite leaving only minor graph. lams. as exposed to homog. gray color of "normal" 4C5 w/ diss graph; S ₂ \approx 30% minor 504* TOT w/ usual bleaching to "normal" 4C5 or 4C0 (331.4-331.7)						
L	332.5	333.40		53	4D43	(4E1, 5C4* dol., 504* dol.); 4E1 = 332.7-333.0; S ₂ \approx 50% overall; py & ZnS rich folia; 5D/C \approx 20% of unit some fuchsite; OO* \approx 10%						
L	333.40	343.5		54	4A0	$\pm 1 \pm 3 \Rightarrow 4C5 \pm 3$ (504*); S ₂ \approx 20% overall py dom.; excell. loc. 4A exhal. texture						

Lithologic Log

Date: 23 Aug 82 Logged By: GAT/DSJ

Code	From				To				Recov.	No.	Unit	Description
	10	14	16	20	22	24	26	28					30	34	35
												same prob. of g-py flooding precluding this good 4A0; 340.8-341.2 = best 5D4* rest random < 10cm; 90:TC; prob. intact "best return" 343.1
L	343	35	344	3					55	4C*		dot; 10cm 4E1; greenish cream, 4L colored folia; $S_T \approx 40\%$ py >> BM sulfs; minor carb. folia middle of unit; intact
L	344	3	349	2					56	4A1		±3; ±3 to TOI; excell exhal. texts. w/ blk. "cherty" matrix; 347.2 = 5cm 5D4* tuff band, below this "1" is due to lt. g colored SiO ₂ in g-py bands; $S_T = 20-25\%$ py dom.
L	349	2	349	8					57	4CQ		well banded w/ g. & sulf rich layers; $S_T = 25\%$ 4L in center from 5D4* tuff?
L	349	8	350	6					58	4E14		±8 (5D*) ; 350.5 = 5cm 5D4* band; intact
L	350	6	351	5					59	4CQ		as #57
L	351	5	353	8					60	4A1		⇒ 4C5 locally; "1" ⇒ rich in off white gty in gty-sulf bands; $S_T \approx 25\%$; u. minor po; good exhalation c.f. #56
L	353	8	355	2					61	4CQ		(5D4*) minor; as #57; minor po & cpy i.e. ±7±9; 5D4* = S ₂ II tuff bands
L	355	2	356	2					62	4G4		(4E4G); 50:50; no bria; normal well banded
L	356	2	358	0					63	4A1		⇒ 4CQ marginal to (5D4*) ^{may be 5D4* in pockets} ; 5D4* few mm → few cm. fuchsite, prob. tuffs, un-mineralized; $S_T \approx 10\%$ py 2X ZnS; good banding, minor microbra in sulfidic portions
L	358	0	360	5					64	5D4*		9 (5C4*, 4D5, 0Q* d.p.) 5C4 = 85 4D = 10 0Q* = 5; 4D5 = 160.1-160.2; intact
L	360	5	361	4					65	4A1.4		(4D0); 4D0 360.5-360.7 w/ good 4A texture but white "bleached" margin to #64
L	361	4	408	6					66	5B20		excell exhal. texts w/ 4D derived from 4A4 (5D0, 0Q* cal.) u.v. minor; u. minor po w/ S ₂ foliaform & X cutting 0Q*; intact, u. minor gouge; 368.4-368.5 upper 45°/200 lower IND — not S ₂ II; 389.0-389.1 = 70° to ca. X cutting S ₂ ; excell lithol. struct well exposed

Lithologic Log

Date: 23 Aug 82 Logged By: GAT/DST

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	41086	41102		67	4VA14	(400) marginal to (504*); ^{7A} 70:30; aug. intact c.f. # 65 - intact could be same unit
L	41102	41117		68	5D14*	(5C*, 4C7* chlorid.) ; 4C7 = 411.1 - 411.3 as prob. folded vein; intact
L	41117	41134		69	4L72	±4 ±1 minor; intact; sulfs could be veins or exhalites - likely veins due to hetero. character;
L	41134	41141		70	5B142	9 ±1; 9 = ZnS, py, po; Lt. ot. anal. to 5A19
L	41141	41187		71	4L0	±2 ±7 ±4 ±6 (4C7 ⇒ 407) (00*); 70:20:10 greenish cream po+py 4L w/ ^{exhal.} pyrr. gty - sulfids @ 414.5 - 414.9; 417.0 - 417.2 intact, no-gauge
L	41187	4200		72	5B148	* [5D*] in green to dark green generally ps ₂ to natural chlorite dolo. phylite with minor lithon stave texture
L	4200	4208		73	4E46	well banded with BMi rich layers has blotchy white dolo in upper 0.2 m
L	4208	4219		74	4E18	(4K8)(4C893) 50:20:30 order given is down hole sequence normal intact but split
L	4219	4252		75	4G4	±* calc minor (4E46) 80:20 in .3 to 1 m bands - units well banded no bra seen, intact, normal
L	4252	4258		76	4C8	±9 well banded good transped exhalative texture - minor greenish cream folia; good Fe ₂ O ₄ ZnS layers
L	4258	4268		77	4A1	lt colored; "1" = lt. colored gty-sulf layers S _T = 20%; minor 9 in Xcutting fractures minor po; should be 4A1 ±7 ±9
L	4268	4283		78	4C8	(4E148) 90:10; v. Fe ₂ O ₄ rich to 20% well banded; 5D4* dasts on sulf matrix breccia; ±9 minor cpy; S _T ≈ 50% overall; minor CO ₂ blotchy
L	4283	4304		79	4A17	±9; "1" = lt. colored gty-sulf bands; minor exhal. texts. c.f. # 77; S _T ≈ 20% pydom.

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
						± minor cov in fractures
L	4304	4312		80	4E1	(4K0) ; 4E1 w/ ^{of} clay ⁵¹⁰² beds intact
L	4312	4314		81	4L24	
L	4314	4321		82	4D*	⇒ 4E* dol. ⇒ 4K0 4D* 431.4-431.8, 4E*(4K0) 431.8-432.1
L	4321	4332		83	4L24	(4D* dol.) c.f. 82 cut w/ under spaced 4L folia & c.f. #81 ; looks like OIP exhibit pelite plg. ; intact ; sharp lower cut. w/ sulf in sulf bed 1152
L	4332	4378		84	5B2	±*±0±9 ⇒ 5A19 ; * = dol, 9 = py, po, ZnS in gytose bands 1152 9 < 1% of unit 434.1-434.3 & 437.0-437.3
L	4378	4397		85	5B2*	9 9 = py-po-ZnS assoc. w/ gytose veins above ; text. unlike 4A & is prob. sulf. replacement of dol. bands in 5B2 ; S _T = 10% - 25% as obs. sulf. w/ py ≈ po >> ZnS w/ local .2M sections 5% carb. ; minor 5D(9py interbanded
L	4397	4481		86	5B(6)2	±* minor dol [(5A0±*)] (5B20, 000, 5D4*) 5D4* = < 1% as 2cm. tuff band ; well stipped due to carb. S ₂ ll foliae ; 000 = 2% ; intact ; minor blk con @ single lg 000 @ 446.2-446.5
						EOH

2
Meters

Structural Log

Date: Aug 23/82 Logged By: J.B.S./CK

Core	From		To		Feature	SYM	S ₀		S ₁		S ₂		Description	
	10	14	16	20			22	24	26	28	32	34		38	40	44
S				4	CS12							65	260	
S				17	8 CS12							65		
S				19	6 CS12							80		
S				26	8 CS12							75		
S				31	0 CS12							75		
S				38	0 CS12							70		
S				44	6 1 W/D D							80		
S				50	7 CS12							75		
S				59	5 CS12							85		
S				64	9 CS12							80		
S				71	8 CS12							70		
S				78	5 1 W/D P							70		
S				89	7 1 W/D P							70		
S				96	5 CS12							70		
S				99	3 CS12							70		
S				104	9 CS12							80		
S				111	20 1 W/D P							85		
S				111	90 1 W/D P							85		
S				112	6 2 1 W/D P							80		
S				113	3 6 CS12							70		
S				114	0 5 CS12							70		
S				114	9 0 CS12							80		
S				115	6 0 CS12							85		
S				117	0 0 CS12							60		
S				117	0 8 CS12							70	260	
S				117	6 4 1 W/D D							60	225	
S				118	3 5 CS12							80		
S				119	1 0 1 W/D P							85		
S				119	8 0 1 W/D P							85		
S				120	6 3 1 W/D P							65		
S				121	1 3 0 CS12							80		
S				121	9 0 1 W/D P							80		
S				122	6 3 CS12							75		
S				123	3 5 1 W/D P							80		
S				124	2 0 1 W/D P							85		
S				124	9 0 CS12							80		

Structural Log

Date: Aug 23/82 Logged By: JBS/OK

Code	From		To		Feature	SYM	S ₀		S ₁		S ₂		Description
	10	14	16	20			Dip	Direct.	Dip	Direct.	Dip	Direct.	
	2	8	22	24	26	28	32	34	38	40	44		
S			125190		CS12					810	225		
S			126175		CS12					810	111		
S			12784		CS12					810			
S			12854		CS12					710			
S			12890		1M DP					810			
S			12982		CS12					810			
S			13045		CS12					75			
S			131130		1M DP					810			
S			13205		CS12					710			
S			132155		CS12					810			
S			13320		CS12					810			
S			13395		1M DP					610			
S			13460		CS12					75			
S			13527		CS12					85			
S			13590		CS12					75			
S			13635		CS12					810			
S			13726		CS12					85			
S			13790		CS12					85			
S			13853		CS12					810			
S			13923		CS12					75			
S			140100		CS12					710			
S			14080		CS12					75			
S			141140		CS12					810			
S			142130		1M DP					65		R hand	
S			14287		CS12					810			
S			14356		1M DP					85			
S			14426		1M DP					810			
S			14481		CS12					75	225		
												EoH 448.1	

ASSAY LOG (SAMPLER'S COPY) Date 24 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
A	12116		12117					13				14C714	
A	12121	3	12123	1	14486		12	8	11	8		14C*	
A	12123	1	12125	0	14487		11	9	11	9		14C8*	
P	12125	0	12125	8	14488		10	8	10	7		14G4	
P	12111		12114	1				10				14C11	
P	13127	0	13128	3	14489		11	3	11	2		14O0	
A	13128	3	13131	4	14490		13	7	13	0		14A119	(MAYBE NOT SAMPLE)
A	13131	4	13132	5	14491		11	7	11	7		14A101	
A	13132	5	13134	0	14492		11	5	11	5		14O143	
P	13134	0	13136	0	14493		12	0	12	8		14A101	
A	13136	0	13138	0	14494		12	0	12	0		14A10	
P	13138	0	13140	0	14495		12	0	12	0		14A101	
P	13140	0	13142	0	14496		12	0	12	0		14A101	
P	13142	0	13143	5	14497		11	5	11	5		14A101	
A	13143	5	13145	5	14498		12	0	12	0		14C*	(14A1) 1st 0.8
P	13145	5	13147	5	14499		12	0	12	0		14A111	
P	13141		13145					12				14A111	(2.0)
P	13147	5	13149	8	145010		12	3	12	3		14A111	(4C0) test 6.m.
P	13149	8	13150	6	145011		10	8	10	8		14E114	
P	13150	6	13152	2	14502		11	6	11	5		14C01	(4A1) test 7.2
A	13152	2	13153	8	14503		11	6	11	6		14A111	
A	13153	8	13155	2	14504		11	4	11	4		14C01	
A	13155	2	13156	2	14505		11	0	11	6		14G4	
P	13156	2	13158	0	14506		12	8	11	8		14A111	
A	13158	0	13160	5	14507		12	5	12	5		151014*	9.
P	13160	5	13161	4	14508		10	9	10	8		14A114	
A	14018	6	14110	2	14509		11	6	11	4		14A114	
A	14111	7	14113	4	14510		11	7	11	7		14472	
P	14120	0	14121	9	14511		11	9	11	8		14E418	
A	14121	9	14123	5	14512		11	6	11	5		14G4	
P	14123	5	14125	2	14513		11	7	11	7		14G4	

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.	
F	109		1630		B								
F	1173		1176		GB								
F	1254		1256		G						40	33.0	
F	1267		1277		G		3.5	22.0	9.9	9.9			
F	1319		1327		G								ffc 45/IND
F	1329		1329		G				9.9	9.9			
F	1356		1360		BG								
F	1365		1369		G								
F	1387		1389		G								
F	1388		1397		GR								
F	1387		1397		A	6							
F	1403		1408		GB		2.0	0.0					
F	1472		1480		BGF				9.9	9.9			
F	1737		1756		ZBG								
F	1762		1763		G				9.9	9.9			
F	1812		1817		G		9.9	9.9			9.9	9.9	
F	1827		1854		ZB								
F	1854		1863		G						9.9	9.9	
F	1870		1899		G		3.2	6.7	9.9	9.9			
F	1906		1932		BGS								i = 0-80 => mod dip to fault. 45°
F	1854		1945		3B								
F			1173		FDX		1.5	1.1	1.5	1.6			
F			1283		G								45/IND
F	1285		1286		G								
F	1351		1371		B								
F	1291		1292		G								
F	1327		1330		G		4.5	0.0					
F	1358		1358		RG								
F	1607		1608		G								
F			1608		S				9.9	9.9			
F	1903		1904		G.B								
F	1917		1918		R								
F	1921		1923		G		9.9	9.9					
F	2054		2062		1D								
F	2040		2041		G				9.9	9.9			
F	2208		2207		BG								

Structural Log

Date: _____ Logged By: _____

Code	From		To		Feature	S ₀ Dip Direct.	S ₁ Dip Direct.	S ₂ Dip Direct.	Description					
	10	14	16	20						22	24	26	28	32	34	38	40	44
F			221		G									
F	223		225		IR									
F	228		228		IG									
F	225		226		LS			99999						
F	254		255		G									
F	255		256		G	99	999				45	000		
F			262		G			45	180					
F	262		263		G			99	999					
F	264		267		LB									
F			267		F			45	000					
F	267		270		G3F3									
F			272		G			99	999					
F			278		G									20/IND
F	280		280		IG									
F	282		283		3RB									
F	283		284		2B									
F	284		285		BR									
F	285		286		3BR									
F	290		290		IF									
F	286		294		2B									
F	295		296		GR	99	999							
F	296		296		3B									
F	296		297		3BR									
F	301		301		G									etc 45/IND
F	301		304		SF?			45	260					i = 45/IND
F			304		F			45	260					
F			312		G									
F	313		313		G									
F	314		314		G									
F	314		315		3BG									
F	321		321		IG									etc 45/IND
F	315		316		3B									
F	326		327		3BT									
F	328		328		G									
F	356		358		IDX									
F	368		368		IG	45	260							

DIAMOND DRILL RECORD

LOGGED BY M. de Quadros

PROPERTY VANGORDA, GRUM JOINT VENTURE

D.D.H. No. 75-A115 PAGE 1 of 10

LATITUDE HIW 10948.46N OLD BL BEARING OF HOLE 200' 050° 90°
600' 087° 85°

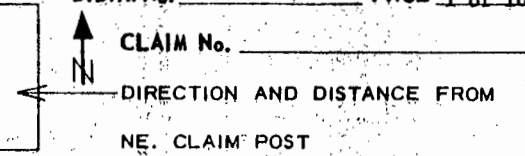
STARTED August 27, 1975

DEPARTURE 7260.73E 86W DIP OF HOLE 800' 103° 82°
1000' 102° 79°

COMPLETED September 3, 1975

ELEVATION 1326.88m DIP TESTS 1200' 097° 79°

Proposed: DEPTH Ultimate: 448.1m (1470')



metres		DESCRIPTION	metres		Assay					metre			
FROM	TO		Rec. Depth	Sample No.	From	To	Sample Length	Pb	Zn	Ag	Au	Cu	Assay x Feet
0	0.9	OVERBURDEN - triconed											
0.9	26.5	BANDED CALCITE - CHLORITE - SERICITE PHYLLITE Light grey Well foliated, thickly banded, fissile, greenish-gr y rock. Sericitic, mainly in partings; these partings often feel talcy. F1 foliation preserved as vertical to subvertical bands often sigmoid or contorted. F2 well developed parallel to the parting at 60-70° to C.A. Generally competent. Top metre somewhat weathered. Few vertical to subvertical fractures now calcitised. Grades downward to calcite-sericite phyllite.	22.4/ 22.7		0.9	23.6							
			2.9/ 2.9			26.5							
26.5	48.8	CALCITE - SERICITE PHYLLITE Light grey Very similar to above in appearance, except for colour. More thinly banded and more fissile. Numerous small quartz lenses. F2 80-90°. 27.0-41.1 -- tends to be broken with minor gouge zones 46.0-48.8 -- very broken with gouge and fragments	18.5/ 19.5		26.5	46.0							
			1.7/ 2.8			48.8							
48.8	73.1	CALCITE - CHLORITE PHYLLITE Greenish-grey Thickly banded, well foliated, fissile (with sericitic partings) Similar to unit at 0.9-26.5. Competent. F2 80°.	19.8/ 19.9		48.8	68.7							
			4.4/ 4.4			73.1							

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: _____

D.D.H. No. 75-A115 PAGE 6 of 10

CLAIM No. _____

DIRECTION AND DISTANCE FROM
 NE. CLAIM POST

FOOTAGE		DESCRIPTION	Rec. Ft.	Sample No.	Footage		Sample Length	Assay					Assay x Feet				
FROM	TO				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag		
297.3	302.4	QUARTZ - GRAPHITE PHYLLITE Dark grey Banded, fissile, in part sericite. Good partings parallel to F2 foliation 80° to C.A. Minor F1 seen generally contorted. Partly silicified tending to be competent. Minor pyrite. Grades to unit below. Contact 45° even though F2 changes quickly to 80-90° on both sides.	5.0/ 5.1			302.4											
302.4	322.4	CALCITE - CHLORITE PHYLLITE Light greenish grey Coarser, more schistose in appearance than previous unit. Generally well foliated but not fissile. Tends to be competent. F1 often preserved; F2 well developed. Possible third foliation - F3? Sometimes seen as sericitic layering. 302.4-308.5 -- competent, unbroken. F2 80-90°. -316.4 -- very broken and gougy -- FAULT ZONE -322.4 -- competent, becoming less calcareous and grading to a quartz-sericite phyllite. F2 80°	6.1/ 6.1 7.4/ 7.9 5.9/ 6.0			302.4 308.5 316.4 322.4											
322.4	325.9	QUARTZ - SERICITE PHYLLITE Light grey Grades from unit above to unit below. Slightly calcareous. Trace of lead-zinc and pyrite blebs.	3.5/ 3.5			322.4 325.9											
325.9	361.3	INTERBEDDED QUARTZ - SERICITE PHYLLITES AND SULPHIDES Bleached and silicified, hard, brittle and broken. Trace of copper 325.9-327.4 -- quartz-sericite phyllite; bleached; 10% pyrite 3% lead-zinc	1.1	2605	325.9	327.4	1.5	0.23	0.30	0.12							

DIAMOND DRILL RECORD

LOGGED BY M. de Quadros

D.D.H. No. 75-A115 PAGE 9 of 10

PROPERTY _____

LATITUDE _____ BEARING OF HOLE _____

STARTED _____

DEPARTURE _____ DIP OF HOLE _____

COMPLETED _____

ELEVATION _____ DIP TESTS _____

Proposed:
DEPTH ultimate: _____



CLAIM No. _____

DIRECTION AND DISTANCE FROM

NE, CLAIM POST

FOOTAGE		DESCRIPTION	Rec. Ft.	Sample No.	Footage		Sample Length	Assay					Assay x Feet				
FROM	TO				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag		
		411.0-412.5 -- quartz-sericite-chlorite-sulphide phyllites banded with massive pyrite and pyrrhotite. Trace of lead-zinc	1.5/ 1.5			412.5											
		-413.4 -- bleached quartz-sericite phyllite; 10% pyrite, 6-8% pyrrhotite, 4% (?) lead-zinc	0.9 6.5/ 6.5	2631		413.4 419.9	0.9	3.38	0.52	0.88							
		-414.0 -- quartz-sericite + graphite phyllite; bleached 5% pyrite, 4-6% pyrrhotite, trace of lead-zinc															
		-417.0 -- pale quartz-chlorite phyllite; sulphide lenses overall; 6% pyrite, 5% pyrrhotite, trace of lead-zinc															
		-417.6 -- bleached quartz-sericite + chlorite; 10% pyrite, 10% pyrrhotite, 4% (?) lead-zinc															
		-418.2 -- pale quartz-chlorite phyllite; minor sulphides															
		-418.7 -- bleached quartz-sericite + chlorite phyllite; 15% pyrrhotite, 5% pyrite, 1-2% lead-zinc															
		-419.9 -- green quartz-chlorite phyllite; barren															
419.9	433.2	INTERBEDDED MASSIVE SULPHIDES AND QUARTZ SULPHIDES Competent; banded; F2 60, With barites. Both magnetite and pyrrhotite present throughout															
		419.9-420.9 -- massive sulphide; 60%pyrite, 10% pyrrhotite, 10-12% lead-zinc	1.0 1.0	2632 2633	419.9	420.9 421.9	1.0 1.0	3.23 1.75	4.50 1.96	1.03 0.88							
		-421.9 -- massive sulphide; 50% pyrite, 5% pyrrhotite, 6-8% lead-zinc	0.9 1.0	2634 2635		422.8 423.8	0.9 1.0	5.78 3.48	8.31 7.07	1.85 1.82			5.20 5.48	7.48 7.07	1.67 1.82		
		-422.8 -- quartz sulphide; 40% pyrite, 5% pyrrhotite, 6% lead-zinc	1.0 1.0	2636 2637		424.8 425.8	1.0 1.0	3.68 3.23	6.44 5.28	1.00 1.24			3.68 3.23	6.94 5.28	1.00 1.24		
		-423.8 -- quartz sulphide; 40% pyrite, 5% pyrrhotite, 4-6% lead-zinc	1.0 1.0	2638 2639		426.8 427.8	1.0 1.0	0.25 1.48	0.26 2.46	0.15 1.06							
		-425.8 -- quartz sulphide; 40% pyrite, 5% pyrrhotite, 4-6% lead-zinc	1.0 1.6	2640 2641		428.8 430.4	1.0 1.6	0.70 0.85	0.52 0.94	0.44 0.35			1.22 2.83	PZ "			

FAGA117

84/10/16

GRUM DATABASE - QUIZ REPORT

PAGE 5

DDH	SAMPLE	---DEPTHS---		INT M	REC %	ROCK UNIT	S.G.	CU %	PB %	ZN %	AG G/MT	AU G/MT	PD %	PY %	BAO %	PB+ZN %	PO+PY %	ZN RATIO
		FROM	TO															
FAGA117	9405	80.8	81.2	.4	100	4G4	4.47	.18	5.60	11.50	100.0	1.37	1.16	20.20		17.10	21.36	.67
	9406	81.2	83.1	1.9	100	4D4	4.18	.14	12.30	19.60	210.0	2.26	2.35	10.40		31.90	12.75	.61
	9407	83.1	85.2	2.1	100	4A4	3.66	.06	8.70	19.00	171.0	1.10	3.06	7.10		27.70	10.16	.69
	9408	85.2	86.0	.8	87	4E14	4.17	.13	9.90	19.60	206.0	2.13	2.72	13.70		29.50	16.42	.66
	9409	86.0	87.8	1.8	100	4E4	4.66	.22	6.00	8.50	104.0	1.65	1.67	28.80		14.50	30.47	.59
	9410	87.8	89.6	1.8	100	4G4	4.61	.18	5.90	10.90	103.0	1.51	1.28	14.80		16.80	16.08	.65
	9411	97.1	97.4	.3	100	4G4	4.45	.05	3.50	7.30	76.0	1.03	1.13	11.60		10.80	12.73	.68
	9412	97.4	98.1	.7	100	4E64#	4.81	.18	4.70	8.60	102.0	1.03	2.00	23.50		13.30	25.50	.65
	9413	99.1	101.2	2.1	100	4E#4	4.63	.24	5.10	8.70	102.0	.96	1.78	31.30		13.80	33.08	.63
	9414	101.2	103.3	2.1	100	4E#4	4.37	.18	4.50	6.50	86.0	1.03	1.96	26.40		11.00	28.36	.59
	9415	150.3	150.9	.6	100	4DE4	3.56	.13	4.20	4.90	70.0	1.71	1.76	13.00		9.10	14.76	.54
	9416	151.3	152.4	1.1	100	4D73	3.69	.22	3.70	6.00	63.0	2.88	5.17	13.30		9.70	18.47	.62
	9417	152.4	153.8	1.4	100	4C0	3.36	.27	.82	1.59	42.0	1.44	3.16	14.60		2.41	17.76	.66
	9418	153.8	155.2	1.4	100	4C0	3.46	.20	1.20	1.26	30.0	2.26	2.83	18.00		2.46	20.83	.51
	9419	155.2	156.4	1.2	100	4D4	3.66	.14	5.30	5.90	81.0	1.92	2.34	16.80		11.20	19.14	.53
	9420	156.4	157.9	1.5	20	4D4	3.75	.15	6.40	11.90	101.0	2.54	3.15	12.50		18.30	15.65	.65

84/10/16

GRM DATABASE - QUIZ REPORT

PAGE 13

DCH	SAMPLE	ROCK UNIT	CPY	NORMATIVE MINERALS - WEIGHT %							*	CPY	NORMATIVE MINERALS - VOLUME %							
				GA	SP	PO	PY	BAR	OTHER	GA			SP	PO	PY	BAR	OTHER			
FAGA117	9405	4G4	.52	6.47	17.14	1.82	43.44				30.60	*	.49	3.38	16.82	1.56	34.09			43.67
	9406	4D4	.40	14.21	29.22	3.70	22.37				30.11	*	.38	7.42	28.62	3.15	17.53			42.90
	9407	4A4	.17	10.05	28.33	4.81	15.27				41.37	*	.15	4.85	25.65	3.79	11.06			54.50
	9408	4E14	.38	11.43	29.22	4.28	29.46				25.23	*	.36	6.12	29.32	3.73	23.65			36.82
	9409	4E4	.64	6.93	12.67	2.63	61.93				15.20	*	.67	4.06	13.94	2.51	54.50			24.32
	9410	4G4	.52	6.81	16.25	2.01	31.83				42.58	*	.45	3.32	14.84	1.60	23.25			56.55
	9411	4G4	.14	4.04	10.88	1.78	24.95				58.21	*	.12	1.81	9.12	1.29	16.72			70.94
	9412	4E64#	.52	5.43	12.82	3.15	50.54				27.55	*	.50	2.91	12.89	2.75	40.65			40.29
	9413	4E#4	.69	5.89	12.97	2.80	67.31				10.34	*	.75	3.57	14.72	2.76	61.13			17.07
	9414	4E#4	.52	5.20	9.69	3.08	56.77				24.74	*	.51	2.86	9.99	2.76	46.81			37.08
	9415	4CE4	.38	4.85	7.30	2.77	27.96				56.74	*	.30	2.20	6.21	2.05	19.02			70.21
	9416	4D73	.64	4.27	8.94	8.13	28.60				49.41	*	.53	2.01	7.87	6.22	20.13			63.24
	9417	4C0	.78	.95	2.37	4.97	31.40				59.54	*	.62	.42	1.98	3.61	20.99			72.37
	9418	4C0	.58	1.39	1.88	4.45	38.71				53.00	*	.48	.64	1.63	3.36	26.91			66.98
	9419	4D4	.40	6.12	8.80	3.68	36.13				44.87	*	.35	2.97	8.01	2.91	26.32			59.43
	942C	4D4	.43	7.39	17.74	4.95	26.88				42.60	*	.38	3.59	16.15	3.92	19.57			56.40

DRILL HOLE : FAGA117
NORTHING : 904,734.3
EASTING : 592,401.2
ELEVATION : 1,275.8
TOTAL DEPTH : 214.3
SECTION : W 66
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS CORE-SAMPLES: 16
NOS DOWN-H-SURVEYS: 4
NOS DOWN-H-LITHGLOGY: 45
NOS DOWN-H-STRUCTURE: 42
NOS DOWN-H-FAULTS: 26
NOS DOWN-H-SPLINES: 4
NOS COMPOSITES: 0

DDH: FAGA117 UTM-N: 904,734.3 UTM-E: 592,401.2 UTM-ELEV: 1,275.8 TOTAL DEPTH: 214.3 SECTION: W 66
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

---DEPTHS---				ASSAYS																
FROM	TO	SAMPLE NO.	INT. REC. 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.	
80.8	81.2	09405	.4 4G4	4.47	.18	5.60	11.50	100.00		1.37	1	20	21							
81.2	83.1	09406	1.9 4D4	4.18	.14	12.30	19.60	210.00	220.00	2.26	2	10	12							
83.1	85.2	09407	2.1 4A4	3.66	.06	8.70	19.00	171.00		1.10	3	7	10							
85.2	86.0	09408	.8 4E14	4.17	.13	9.90	19.60	206.00		2.13	2	13	16							
86.0	87.8	09409	1.8 4E4	4.66	.22	6.00	8.50	104.00		1.65	1	28	30							
87.8	89.6	09410	1.8 4G4	4.61	.18	5.90	10.90	103.00		1.51	1	14	16							
97.1	97.4	09411	.3 4G4	4.45	.05	3.50	7.30	76.00		1.03	1	11	12							
97.4	98.1	09412	.7 4E64#	4.81	.18	4.70	8.60	102.00		1.03	2	23	25							
99.1	101.2	09413	2.1 4E#4	4.63	.24	5.10	8.70	102.00		.96	1	31	33							
101.2	103.3	09414	2.1 4E#4	4.37	.18	4.50	6.50	86.00		1.03	1	26	28							
150.3	150.9	09415	.6 40E4	3.56	.13	4.20	4.90	70.00		1.71	1	13	14							
151.3	152.4	09416	1.1 4D73	3.69	.22	3.70	6.00	63.00	66.00	2.88	5	13	18							
152.4	153.8	09417	1.4 4C0	3.36	.27	.82	1.59	42.00		1.44	3	14	17							
153.8	155.2	09418	1.4 4C0	3.46	.20	1.20	1.26	30.00		2.26	2	18	20							
155.2	156.4	09419	1.2 4D4	3.66	.14	5.30	5.90	81.00		1.92	2	16	19							
156.4	157.9	09420	1.5 4D4	3.75	.15	6.40	11.90	101.00		2.54	3	12	15							
WEIGHTED AVERAGE																				
80.8	89.6		8.8 8.7	4.25	.14	8.32	15.03	151.76	47.50	1.65	2	15	17							
97.1	98.1		1.0 1.0	4.70	.14	4.34	8.21	94.20		1.03	1	19	21							
99.1	103.3		4.2 4.2	4.50	.21	4.80	7.60	94.00		.99	1	28	30							
150.3	150.9		.6 .6	3.56	.13	4.20	4.90	70.00		1.71	1	13	14							
151.3	157.9		6.6 5.4	3.57	.19	3.46	5.38	63.45	11.00	2.19	3	15	18							

DDH: FAGA117 UTM-N: 904,734.3 UTM-E: 592,401.2 UTM-ELEV: 1,275.8 TOTAL DEPTH: 214.3 SECTION: W 66
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	172.800	45.000
121.900	172.000	43.000
161.500	170.200	42.000

DDH: FAGA117 UTM-N: 904,734.3 UTM-E: 592,401.2 UTM-ELEV: 1,275.8 TOTAL DEPTH: 214.3 SECTION: W 66
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
43.9	0001	#		0.5-	1
50.2	0002	580\$		0.5-	1
53.6	0003	50C		0.5-	1
55.2	0004	580\$		0.5-	1
56.2	0005	500	84	0.5-	1
56.7	0006	580\$		0.5-	1
64.3	0007	504@		0.5-	1
68.3	0008	580\$		0.5-	1
69.5	0009	504@		0.5-	1
77.1	0010	580\$		0.5-	1
77.7	0011	5A0		0.5-	1
80.8	0012	5A0		0.5-	1
81.2	0013	4G4		0.5-	1
83.1	0014	4D4	[4JD] BXA	0.5-	1
85.2	0015	4A4	(4D4)	0.5-	1
86.0	0016	4E14	[4JD]	0.5-	1
87.8	0017	4E4	(4G4) (4E46) MINOR	0.5-	1
89.6	0018	4G4	(4E46)	0.5-	1
97.1	0019	5A0	(586)	0.5-	1
97.4	0020	4G4		0.5-	1
98.1	0021	4E46	8#	0.5-	1
101.3	0022	5B26		0.5-	1
103.3	0023	4E#4	86 & POROUS	0.5-	1
110.3	0024	5B2	-> 5B26 (4L) (4C) MINOR	0.5-	1
111.7	0025	5B6	-> 5B26	0.5-	1
113.4	0026	5B6	-> 5B26 (4L2) (4C0) MINOR	0.5-	1
116.4	0027	580	\$	0.5-	1
118.6	0028	5B6		0.5-	1
124.1	0029	580\$		0.5-	1
142.3	0030	5A6	(5D4*) MINOR	0.5-	1
150.3	0031	586		0.5-	1
150.9	0032	4D4	(4C0) (4E4) [4DE]	0.5-	1
151.3	0033	586		0.5-	1
152.4	0034	4D73		0.5-	1
157.9	0035	4C0	-> 4D4	0.5-	1
165.5	0036	5B6		0.5-	1
178.0	0037	5B6	[3G0]	0.5-	1
179.5	0038	5B6		0.5-	1
179.8	0039	5D4	-> 5D4*	0.5-	1
199.2	0040	5B6		0.5-	1
202.1	0041	5A0		0.5-	1
207.1	0042	5A3	-> 5B2 LOCALLY	0.5-	1
209.8	0043	4L7		0.5-	1
210.6	0044	5B2		0.5-	1
214.3	0045	5B6	-> 5B61? [3G0]	0.5-	1

DDH: FAGA117 UTM-N: 904,734.3 UTM-E: 592,401.2 UTM-ELEV: 1,275.8 TOTAL DEPTH: 214.3 SECTION: W 66
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	SG	ANGLE	DIRECT	S1	ANGLE	DIRECT	S2	ANGLE	DIRECT	RFE	CDE	DHDC	SDC	PROCESS
FAGA117	0.0	44.5	PS2			0	0	0	0	55	230	0	1	1	1			1
FAGA117	0.0	50.2	PS2			0	0	0	C	63	230	C	1	1	1			1
FAGA117	0.0	53.6	PS2			0	C	0	C	52	230	C	1	1	1			1
FAGA117	0.0	56.7	PS2			0	0	0	C	55	230	C	1	1	1			1
FAGA117	0.0	62.1	PS2			0	0	0	0	47	230	C	1	1	1			1
FAGA117	0.0	68.0	PS2			0	0	0	0	37	230	0	1	1	1			1
FAGA117	43.9	69.5	PS2	P		0	0	0	0	0	0	0	1	1	1			1
FAGA117	0.0	78.1	CS2			0	0	0	C	65	230	C	1	1	1			1
FAGA117	77.7	78.8	CS2	S		0	0	0	C	0	0	C	1	1	1			1
FAGA117	0.0	80.5	CS2			0	0	0	C	55	230	C	1	1	1			1
FAGA117	78.8	80.8	CS2	Z		0	0	0	0	0	0	0	1	1	1			1
FAGA117	0.0	84.5	PS2			0	C	0	C	50	230	0	1	1	1			1
FAGA117	80.8	89.7	PS2	P		0	0	0	C	0	0	0	1	1	1			1
FAGA117	0.0	89.7	PS2			0	0	0	C	52	230	0	1	1	1			1
FAGA117	0.0	92.5	CS2			0	0	0	0	57	230	0	1	1	1			1
FAGA117	89.7	97.1	CS2	Z		0	0	0	C	0	0	0	1	1	1			1
FAGA117	0.0	97.1	CS2			0	0	0	0	85	230	0	1	1	1			1
FAGA117	0.0	111.1	PS2			0	0	0	0	61	230	0	1	1	1			1
FAGA117	0.0	114.6	PS2			0	C	0	C	81	230	C	1	1	1			1
FAGA117	97.1	119.5	PS2	P		0	0	0	0	0	0	0	1	1	1			1
FAGA117	0.0	119.5	PS2			0	0	0	C	80	230	C	1	1	1			1
FAGA117	119.5	121.4	CS2	Z		0	0	0	C	0	0	C	1	1	1			1
FAGA117	0.0	140.6	PS2			0	0	0	0	39	230	0	1	1	1			1
FAGA117	0.0	147.0	PS2			0	0	0	C	12	230	0	1	1	1			1
FAGA117	0.0	152.4	PS2			0	0	0	0	67	230	0	1	1	1			1
FAGA117	0.0	155.3	PS2			0	0	0	0	35	230	0	1	1	1			1
FAGA117	0.0	160.0	PS2			0	0	0	0	38	230	0	1	1	1			1
FAGA117	0.0	166.1	PS2			0	0	0	C	55	230	0	1	1	1			1
FAGA117	0.0	169.8	PS2			0	0	0	0	66	230	0	1	1	1			1
FAGA117	0.0	175.6	PS2			0	0	0	0	52	230	C	1	1	1			1
FAGA117	151.6	180.6	PS2	P		0	0	0	0	0	0	0	1	1	1			1
FAGA117	0.0	180.6	PS2			0	0	0	0	69	230	0	1	1	1			1
FAGA117	0.0	185.6	CS2			0	0	0	C	62	230	C	1	1	1			1
FAGA117	180.6	190.7	CS2	D		0	0	0	0	0	0	C	1	1	1			1
FAGA117	0.0	190.7	CS2			0	0	0	0	67	230	C	1	1	1			1
FAGA117	0.0	194.5	CS2			0	0	0	C	72	230	0	1	1	1			1
FAGA117	0.0	199.0	CS2			0	0	0	0	73	230	C	1	1	1			1
FAGA117	0.0	205.5	CS2			0	0	0	0	80	230	0	1	1	1			1
FAGA117	0.0	210.5	CS2			0	0	0	0	75	230	0	1	1	1			1
FAGA117	190.7	212.8	CS2	Z		0	0	0	0	0	0	0	1	1	1			1
FAGA117	212.8	214.3	CS2	S		0	0	0	0	0	0	0	1	1	1			1
FAGA117	0.0	214.3	CS2			0	0	0	0	70	230	0	1	1	1			1

DDH: FAGA117 UTM-N: 904,734.3 UTM-E: 592,401.2 UTM-ELEV: 1,275.8 TOTAL DEPTH: 214.3 SECTION: W 66
 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
FAGA117	56.7	68.3	2BG		0	0	0	1
FAGA117	68.3	69.5	3BP		0	0	0	1
FAGA117	69.5	77.1	GXB		0	0	0	1
FAGA117	56.7	77.7	F		0	0	99	1
FAGA117	77.1	77.7	G		0	0	0	1
FAGA117	81.2	83.5	1D		0	0	0	1
FAGA117	90.4	91.1	G		0	0	99	1
FAGA117	89.6	97.1	BGP		0	0	0	1
FAGA117	97.1	97.4	2G		0	0	0	1
FAGA117	98.1	101.3	G		99	999	0	1
FAGA117	103.3	104.4	G		0	0	0	1
FAGA117	106.0	106.4	G		0	0	0	1
FAGA117	107.3	108.2	G		0	0	0	1
FAGA117	110.0	110.3	G		0	0	0	1
FAGA117	103.3	110.3	3BF		0	0	0	1
FAGA117	111.7	113.4	GP		0	0	99	1
FAGA117	116.4	118.6	G		0	0	0	1
FAGA117	118.0	124.1	2GB		0	0	0	1
FAGA117	124.1	142.3	G		99	999	99	1
FAGA117	142.3	150.3	3BG		0	0	99	1
FAGA117	150.3	150.9	X		0	0	0	1
FAGA117	150.9	151.3	G		0	0	99	1
FAGA117	121.4	151.6	F		0	0	0	1
FAGA117	157.9	159.4	P		0	0	0	1
FAGA117	157.9	165.5	BG		99	999	0	1
FAGA117	178.0	179.5	G		0	0	99	1

G24PR84 GRUM

DOWN-HOLE SPLINES (DHO20)

PAGE: 21

DDH: FAGA117 UTM-N: 9C4,734.3 UTM-E: 592,401.2 UTM-ELEV: 1,275.8 TOTAL DEPTH: 214.3 SECTION: W 66
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH SEGMENT NOS COND INDICATOR

FAGA117	1	2
FAGA117	2	2
FAGA117	3	2
FAGA117	4	1

CYPRUS ANVIL MINING CORPORATION

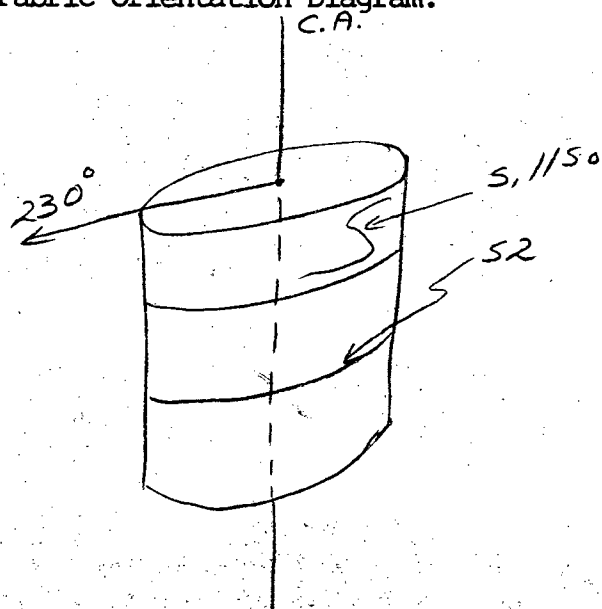
DIAMOND DRILL CORE LOG

Hole Number: 75-A117

Fabric Orientation Diagram:
C.A.

Project: GRUM RELOG

Location: VANGORDA PLAT.



Claim: _____

UTM Terr. Plane
Co-ords.: 6,904,734.3 N

1979 H2W
Orthophoto
Survey

592,401.2 E

Grid
Co-ords.: 66 W / B.L.

All symmetry determinations looking

NW with S2 dipping

SW with dip azimuth 230°.

Elevation: 1275.85

Total Depth: 214.3 m.

Purpose: _____

Logged by: DJH Date(s) Logged: _____

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

Started: 4/9/75 Completed: 12/9/75

Core	From m		To m		Unit	Code	Description
	10	14	16	20				22	23	25	27
L	100	143	9	11	#		1/3 - triconed no core
L	143	150	2	12	5B10		buff weathering carb.; grad. ct. w/ 5D
L	150	153	6	13	5D13		laminated variety; massive
L	153	155	2	14	5B10		as unit 2
L	155	156	2	15	5D13		as unit 3 w/ some buff alteration;
							interbanded lower ct. w/ 5B ^{at 62.4 gouge @ 70° along 320° of S2 to 65.2 indeterminate}
L	156	156	7	16	5B10		as units 2 & 4 ^{@ 56.6 gouge @ 115° 77°}
L	156	164	3	17	5D14		-> 5D43; -no sdes; Fe, Mg CO ₃ ; buff ^{@ 57.1 gouge indeterminate @ 59.5 gouge @ 25° to ca. along 050°? OLA}
							coloured; generally broken core w/ gouge zone
L	164	168	3	18	5B10		as units 2, 4, 6; some broken core & gouge
L	168	169	5	19	5D14		-> 5D43 as unit 7; heavily broken & lost core
L	169	177	1	10	5B10		as units 2, 4, 6, 8; gouge bxia plus ^{@ 72.3 gouge @ 11 S2?? this case to 73.7 or good gouge 11 S2. Gouge indeterminate @ 73.8, probably @ 11 S2?? @ 77.3}
							broken & lost core
L	177	177	7	11	5A10		gouge
							*note: much gouge, bxia, & lost core (a fault zone) 56.7 - 77.7 m. (Get feeling entire fault zone is foliaform w/ S2)
L	177	180	8	12	5A10		
L	180	181	2	13	4G4		
L	181	183	1	14	4D4		^{45-AFFINITIES} qtzite, bxia & micro bxia frags in a matrix of massive sdes (sph > gal > py); 30% frags 70% matrix (4A9)
L	183	185	2	15	4A4		^(4A4 as unit 14) 60:40 interbanded 4A4:4A4; minor bxia text near TOI
L	185	186	0	16	4E4		^{4E14 - 2% BZ - 45 AFFINITIES} as unit 14
L	186	187	8	17	4E4		w/ no minor 4G4 & 4E64 ✓
L	187	189	6	18	4G10		^{4A} + (4E64) ^{115. @ 90.4-91}
L	189	197	1	19	5A10		^(5E6) generally broken core w/ some gouge & lost core zones. ^{99.4}
L	197	197	4	20	4G10		^{4A} - 30% OF UNIT = (GATE CONTACTS?) ^{@ 98.1 gouge indeterminate but drilled guess shear @ 115.2 77}
L	197	198	1	21	4E4		^{1/6 IIR - CACD} slightly vuggy & porous ^{@ 0.3m P/W}
L	198	1101	3	22	5B10		? gouge (dark grey) w/ minor sdes
L	1101	1103	3	23	4E10		^{4E14 - 4 - CACD (+6?)} w/ minor 4G ^{porous @ 103.3 gouge indeterminate to 104.4 @ 106.0 - 108.4 @ 107.3 - 108.2 @ 110.0 - 110.3 indeterminate}
L	1103	1110	3	24	5B12		-> 5B26 w/ minor 4L & 4C; generally heavily broken & gouged core
L	1110	1111	7	25	5B16		-> 5B62 ^{@ 112.0 gouge @ 11 S2?? & comp. layering}
L	1111	1113	4	26	5B16		-> 5B62 gouge & lost core; 4L2 & 4C

2.5-76.3
2.5-76.3
2.5-76.3

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Structural Log

Code	From m		To m		Feature	E S	S ₁		S ₂		Description	
	10	14	16	20			22	24	26	28		32
												0/B 0-43.9 m
S				44.5	PSR				55	23	10	PS2 region 43.9-50.2
S				50.2	FRP				63	23	10	R region 50.2-53.6
S				53.6	FRR				52	23	10	PS2 region 53.6-56.7
S				56.7	FRP				55	21	30	R region 53.6-64.3
S				62.1	SR				47	21	30	
S				64.3	FRR							PS2 region 64.3-69.5
S				68.0	PSR				37	21	30	
S				69.5	FRP							
												Fault zone 69.5-77.7
												no sym or S2 available
S				77.7	FRS							S region 77.7-78.8
S				78.1	CSR				65	21	30	
S				78.8	FRE							Z region 78.8-80.8
S				80.5	CSR				55	21	30	
S				80.8	FRZ							R region 80.8-89.7
S				84.5	SR				50	21	30	
S				89.7	FRR				52	21	30	Z region 89.7-97.1 m
S				92.5	CSR				57	21	30	
S				97.1	FRZ				85	21	30	R region 97.1-103.3 m
												no S2 attitudes available
												in massive sdc
				103.3	FRR							Fault zone 103.3-110.3
				110.3	FRP							-no reliable S2 or SYM
				111.1	PSR				61	21	30	obtainable.
S				114.6	PSR				81	21	30	PS2 region 110.3-119.5
S				119.5	FRP				80	21	30	Z region 119.5-121.4 m
S				121.4	FRZ							
S				140.6	PSR				39	21	30	Fault zone 121.4-151.6
S				147.0	PSR				12	21	30	(occas. PS2 observed)
S				151.6	FRR							R region 151.6-157.9
S				152.4	SR				67	21	30	
S				155.3	SR				35	21	30	
S				157.9	FRR							PS2 region 157.9-180.6
S				160.0	PSR				38	21	30	
S				166.1	PSR				55	21	30	

DDH 75-A117
2 8

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

Page 7 of 7
Logged By: D.J.H.
Sampled By: K.A.

Code	From			To			Sample No.			Description		
	10	14	16	20	22	27	Length	Rec	Unit			
P	1810	8	1812	2	12925	K.A.	0.4	0.4	464			
P	1812	2	1817	7	12926	K.A.	0.5	0.5	4JD			
P	1817	7	1823	3	12927	K.A.	0.6	0.6	4JD			
P	1823	3	1833	3	12928	K.A.	1.0	1.0	4JD			
P	1833	3	1839	9	12929	K.A.	0.6	0.6	4AJ			
P	1839	9	1852	2	12930	K.A.	1.3	1.3	4AJ			
P	1852	2	1860	0	12931	K.A.	0.8	0.8	4JD			
P	1860	0	1870	0	12932	K.A.	1.0	1.0	4E4			
P	1870	0	1880	0	12933	K.A.	1.0	1.0	4EG			
P	1880	0	1890	0	12934	K.A.	1.0	1.0	4GO			
P	1890	0	1896	6	12935	K.A.	0.6	0.6	4GO			
P	1971	1	1981	1	12936	K.A.	1.0	1.0	4EG			
P	1993	3	1003	3	12937	K.A.	1.0	1.0	5BO			
P	1003	3	1013	3	12938	K.A.	1.0	1.0	5BO			
P	1013	3	1023	3	12939	K.A.	1.0	1.0	4EO			
P	1023	3	1033	3	12940	K.A.	1.0	1.0	4EO			
P	11503	3	11511	1	12941	K.A.	0.8	0.7	4CO			
P	11514	4	11524	4	12942	K.A.	1.0	1.0	4D7			
P	11524	4	11534	4	12943	K.A.	1.0	1.0	4CO			
P	11534	4	11544	4	12944	K.A.	1.0	1.0	4CO			
P	11544	4	11551	1	12945	K.A.	0.7	0.6	4CO			
P	11551	1	11561	1	12946	K.A.	1.0	1.0	4CO			
P	11561	1	11579	9	12947	K.A.	1.8	0.4	4CO			

LOGGED 1980 / CHECKED & SAMPLED 1981

DDH 75-A117 Cyprus Anvil Mining Corp

Page _____ of _____
 CHECKED by _____
 Logged by GG

ASSAY LOG (SAMPLER'S COPY)

Date 14 Aug/81

Sampled by _____

UNITS =
 METRES

CODE	FROM		TO		SAMPLE	INTR.	REC (m)		UNIT	DESCRIPTION		
	10	14	16	20			22	26			28	30	32	34	36	40	42
P	180	8	181	2	9405	10	4	10	4	1A1A1		
P	181	2	183	1	9406	11	9	11	9	1A1A1		
P	183	1	185	2	9407	12	1	12	1	1A1A1	+(4DA)	
P	185	2	186	0	9408	10	8	10	7	1A1A1		
P	186	0	187	8	9409	11	8	11	8	1A1A1	±6	
P	187	8	189	6	9410	11	8	11	8	1A1A1	+(4E6A)	
P	197	1	197	4	9411	10	3	10	3	1A1A1	+GOUGE	
P	197	4	198	1	9412	10	7	10	7	1A1A1	±POROUS ±*	
	198	1	199	1		10				1B101	GOUGE / LOW GRADE NOT SAMPLED // ASSAY = 0%	
P	119	1	110	1	9413	12	1	12	1	1A1A1	CALC	
P	110	1	110	3	9414	12	1	12	1	1A1A1	CALC	
P	115	0	115	0	9415	10	6	10	6	1A1A1	+(4C0) + (4E4)	
	115	0	115	1		10	4			1B161	+GOUGE / LOW GRADE NOT SAMPLED // ASSAY = 0%	
P	115	1	115	2	9416	11	1	11	1	1A1A1		
P	115	2	115	3	9417	11	4	11	4	1A1A1		
P	115	3	115	5	9418	11	4	11	4	1A1A1		
P	115	5	115	6	9419	11	2	11	2	1A1A1	+(4C0)	
P	115	6	115	7	9420	11	5	10	3	1A1A1	+(4C0) → NOTE V. POOR RECOVERY!	
										END OF HOLE @ 214.3m		

DDH FAGAL17
² metres ⁸

Cyprus Anvil Mining Corp.

Page _____ of _____

Structural Log

Date: _____ Logged By: _____

Code	From	To	Feature	E N	S ₀		S ₁		S ₂		Description		
					Dip	Direct.	Dip	Direct.	Dip	Direct			
	10	14	16	20	22	24	26	28	32	34	38	40	44
F			566G						99999				
F			571G										
F			575G						99999				
F			624G						70320				
F			652G										
F	567		6832BG										
F	683		6953BP										
F	695		721GX1B										
F			723G						99999				
F			737G						99999				
F	567		727F						99999				
F	727		727G										
F	812		8351A										
F	896		921BGP										
F	904		911G						99999				
F	971		9742G										
F	981		1013G				99	999					
F	1033		1044G										
F	1060		1064G										
F	1073		1082G										
F	1100		1103G										
F	11117		11134GP						99999				
F	11033		111033BF										
F	11164		11186G										
F	11180		112412GB										
F	11241		11423G				99	999	99999				
F	11423		115033BG						99999				
F	11503		11509X										
F	11509		11513G						99999				
F	11579		11594P										
F	11579		11655BG				99	999			45	1180	
F	11780		11795G						99999	99	999		
F	11214		11516F										

DIAMOND DRILL RECORD

LOGGED BY M. de Quadros

PROPERTY _____

LATITUDE _____

BEARING OF HOLE _____

STARTED _____

DEPARTURE _____

DIP OF HOLE _____

COMPLETED _____

ELEVATION _____

DIP TESTS _____

Proposed:
DEPTH ultimate: _____

D.D.H. No. 75-A117 PAGE 2 of 6

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		
		69.5-71.3 -- gray gouge with rock fragments	0.9/ 1.8		69.5	71.3											
		-72.3 -- quartz-sericitecalcite phyllite; very broken F2 45°.	0.8/ 1.0			72.3											
		-72.8 -- gray gouge with rock fragments	0.3/ 0.5			72.8											
		-73.8 -- quartz-sericite phyllite; broken	0.9/ 1.0			73.8											
		-77.1 -- gray gouge with rock fragments	0.5/ 3.3			77.1											
		-77.8 -- black gouge	0.5/ 0.7			77.8											
77.8	80.8	QUARTZ - GRAPHITE PHYLLITE Black Rather sheared, fissile, poorly foliated but with small quartz and kaolin filled fractures. F2 60°. Incompetent.	3.0/ 3.0		77.8	80.8											
80.8	89.6	INTERBEDDED QUARTZ - SERICITE - SULPHIDES AND MASSIVE SULPHIDES F2 generally 60°.															
		80.8-81.2 -- massive sulphide; 60-70% pyrite, 6% (?) lead-zinc	0.4	2925	80.8	81.2	0.4	6.08	11.95	2.85				2.432	4.78	1.14	
		-81.7 -- same; 30-40% pyrite, 25-30% lead-zinc															
		-82.3 -- same; minor quartz. 50-60% pyrite, 10-12% lead-zinc	0.5	2926		81.7	0.5	14.62	25.08	1.00				7.31	12.54	3.50	
		-83.3 -- same; 50-60% pyrite, 20% lead-zinc	0.6	2927		82.3	0.6	10.27	13.77	4.71				6.162	8.262	2.826	
		-83.9 -- same with minor graphite; 50-60% pyrite, 20% lead zinc	1.0	2928		83.3	1.0	13.13	24.65	6.82				13.13	24.65	6.82	
		-85.2 -- mixed massive sulphides with quartz-graphite phyllite; 20-30% pyrite, 10-11% lead-zinc	0.6	2929		83.9	0.6	11.21	23.13	5.91				6.726	13.878	3.546	
		-86.0 -- massive sulphide; 40-50% pyrite, 20-25% lead-zinc															
		-87.0 -- massive sulphide; 60-70% pyrite, 8-10% lead-zinc	1.3	2930		85.2	1.3	8.22	13.67	4.30				10.686	24.271	6.29	

DIAMOND DRILL RECORD

LOGGED BY M. de Quadros

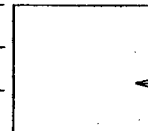
PROPERTY _____

D.D.H. No. _____ PAGE 3 of 6

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
		87.0-88.0 -- massive sulphide; 60-70% pyrite, 6-8% lead-zinc	0.8	2931		86.0	0.8	11.65	28.40	6.18			9.32	18.72	4.944
		-89.0 -- quartz-barite?-sulphide; 40% pyrite, 6% lead-zinc	1.0	2932		87.0	1.0	7.65	11.52	3.70			7.65	11.52	3.70
		-89.6 -- same	1.0	2933		88.0	1.0	4.43	5.76	1.76			4.43	5.76	1.76
			1.0	2934		89.0	1.0	5.85	13.68	2.71			5.85	13.68	2.71
			0.6	2935		89.6	0.6	6.39	4.89	5.06			3.834	5.934	1.336
				W.A.	80.5	89.6	8.8	8.81	13.30	4.39	(1305)		77.53	143.975	35.622
89.6	165.6	FAULT ZONE													
		Gouge and broken rock with sulphides	0.7/			89.6	91.6								
		89.6-91.6 -- black gouge	1.0					1.0							
		-95.0 -- broken rubbly quartz-graphite phyllite	1.6/				95.0								
		-97.1 -- gouge, black	3.4												
		-98.1 -- massive sulphide; 60% pyrite, 6-8% (?) lead-zinc	0.3/				97.1								
		Slightly vuggy, competent; minor black gouge at	2.1												
		97.1-97.3	1.0	2936		98.1	1.0	5.33	8.88	2.91					
		-99.3 -- black gouge with sulphides													
		-100.3 - competent massive sulphide; 60% pyrite, 4-6% lead-zinc	1.1/				99.3								
			1.2												
		-101.3 - massive sulphide, vuggy; 60% pyrite, 8-10% lead-zinc	1.0	2937		100.3	1.0	5.88	8.82	2.94					
		-102.3 -- as above	1.0	2938		101.3	1.0	3.90	6.77	1.71					
		-103.3 -- as above; 60% pyrite, 6-8% lead-zinc	1.0	2939		102.3	1.0	5.63	8.15	3.21					
		-103.7 -- broken quartz sericite + graphite phyllite	1.0	2940		103.3	1.0	5.03	6.48	2.44					
		gouge contact at 30°	0.4/				103.7								
		-104.6 -- black gouge	0.4												
		-107.3 -- quartz-graphite phyllite; very broken	0.6/				104.6								
		-110.3 -- broken graphite phyllite and gouge	0.9												
		-111.8 -- quartz-sericite phyllite; competent. F2 60°	2.2/				107.3								
		-113.4 -- black gouge with rock fragments	2.7	W.A.	94.3	103.3	4.0	5.11	7.56	2.58	(58.49)		20.44	30.22	10.30

FAGA 122

84/10/16

GRUM DATABASE - QUIZ REPORT

PAGE 7

DDH	SAMPLE	---DEPTHS---		INT M	REC %	ROCK UNIT	S.G.	CU %	PB %	ZN %	AG G/MT	AU G/MT	PO %	PY %	BAO %	PB+ZN %	PC+PY %	ZN RATIO
		FROM	TO															
FAGA122	7029	120.6	122.2	1.6	94	4G4	4.16	.09	4.30	8.90	74.0	.89	1.51	25.60		13.20	27.11	.67
	7030	122.2	123.0	.8	100	4DE	4.60	.22	5.90	7.60	133.0	.55	.98	28.42		13.50	29.40	.56
	7031	135.4	137.8	2.4	100	4A3		.10	.18	.36	12.0					.54		.67
	7032	137.8	140.3	2.5	100	4A3		.11	.70	1.12	16.0					1.82		.62
	7033	140.3	141.0	.7	100	4E08		.29	.75	.70	27.0					1.45		.48
	7034	141.0	143.5	2.5	64	4A3		.12	.09	.16	9.0					.25		.64
	7035	143.5	146.0	2.5	56	4A3		.05	.15	.23	7.0					.38		.61
	7036	146.0	148.5	2.5	64	4A3		.08	.20	.19	10.0					.39		.49
	7037	148.5	150.0	1.5	100	4LC		.13	.19	.60	8.0					.79		.76
	7038	160.6	163.5	2.9	100	4A31		.05	.03	.03	4.0					.06		.50
	7039	163.5	166.4	2.9	52	4A31		.02	.04	.13	4.0					.17		.76
	7040	166.4	169.2	2.8	50	4A31		.01	.03	.02	4.0					.05		.40
	7041	169.2	172.0	2.8	86	4A31		.03	.01	.01	4.0					.02		.50
	7042	199.0	202.1	3.1	74	4A31		.06	.13	.12	6.0					.25		.48
	7043	202.1	203.0	.9	100	4G48	4.45	.11	4.60	5.50	73.0	.41	13.10	14.10		10.10	27.20	.54
	7044	203.0	203.5	.5	100	4A31	2.88	.09	.10	.07	5.0	.21	3.19	27.20		.17	30.39	.41
	7045	203.5	206.0	2.5	96	4EG8	4.02	.25	3.15	2.78	43.0	.96	7.81	26.60		5.93	34.41	.47
	7046	206.0	208.6	2.6	100	4CG8	4.33	.27	2.70	1.91	41.0	1.17	8.06	17.20		4.61	25.26	.41
	7047	208.6	211.2	2.6	100	4CG8	3.69	.27	2.62	2.02	37.0	1.65	7.64	18.40		4.64	26.04	.44
	7048	211.2	213.7	2.5	100	5B23	2.86	.03	.07	.03	3.0	.14	1.87	1.14		.10	3.01	.30
	7049	213.7	214.1	.4	100	4L23	3.02	.10	.55	.23	12.0	.62	3.04	3.34		.78	6.38	.29
	7050	214.1	216.4	2.3	100	4EG8	3.93	.14	2.02	1.94	38.0	1.10	7.04	23.20		3.96	30.24	.49
	7051	216.4	218.6	2.2	100	4EG8	4.45	.21	3.97	3.10	55.0	1.23	8.03	26.90		7.07	34.93	.44
	7052	218.6	220.8	2.2	100	4EG8	4.21	.17	1.68	1.35	33.0	1.65	8.51	22.90		3.03	31.41	.45
	7053	220.8	221.6	.8	62	5A1	2.91	.09	.30	.21	9.0	.55	2.29	3.50		.51	5.79	.41
	7054	221.6	222.1	.5	60	4EG4	4.40	.07	3.50	5.10	56.0	1.03	4.81	29.70		8.60	34.51	.59
	7055	222.1	222.6	.5	80	4BC	2.93	.15	1.85	6.90	43.0	1.23	1.49	3.02		8.75	4.51	.79

84/10/16

GRUM DATABASE - QUIZ REPORT

PAGE 9

DCM	SAMPLE	ROCK UNIT	CPY	NCRMATIVE MINERALS - WEIGHT %						OTHER *	CPY	NCRMATIVE MINERALS - VOLUME %					
				GA	SP	PO	PY	BAR	GA			SP	PO	PY	BAR	OTHER	
FAGA122	7029	4G4	.26	4.97	13.27	2.37	55.05		24.08	*	.25	2.72	13.64	2.12	45.27		36.00
	7030	4CE	.64	6.81	11.33	1.54	61.12		18.56	*	.65	3.92	12.21	1.44	52.69		29.09
	7031	4A3	.29	.21	.54				98.97	*							
	7032	4A3	.32	.81	1.67				97.20	*							
	7033	4E08	.84	.87	1.04				97.25	*							
	7034	4A3	.35	.10	.24				99.31	*							
	7035	4A3	.14	.17	.34				99.34	*							
	7036	4A3	.23	.23	.28				99.25	*							
	7037	4LC	.38	.22	.89				98.51	*							
	7038	4A31	.14	.03	.04				99.78	*							
	7039	4A31	.06	.05	.19				99.70	*							
	7040	4A31	.03	.03	.03				99.91	*							
	7041	4A31	.09	.01	.01				99.89	*							
	7042	4A31	.17	.15	.18				99.50	*							
	7043	4G48	.32	5.31	8.20	20.60	30.32		35.25	*	.29	2.70	7.83	17.10	23.15		48.93
	7044	4A31	.26	.12	.10	5.02	58.49		36.01	*	.24	.06	.10	4.20	45.02		50.39
	7045	4EG8	.72	3.64	4.14	12.28	57.20		22.01	*	.72	2.04	4.35	11.22	48.06		33.62
	7046	4CG8	.78	3.12	2.85	12.68	36.99		43.59	*	.68	1.52	2.61	10.09	27.08		58.02
	7047	4CG8	.78	3.03	3.01	12.02	39.57		41.60	*	.69	1.49	2.79	9.68	29.32		56.04
	7048	5E23	.09	.06	.04	2.94	2.45		94.40	*	.06	.03	.03	1.80	1.38		96.70
	7049	4L23	.29	.64	.34	4.78	7.18		86.77	*	.20	.25	.25	3.03	4.19		92.08
	7050	4EG8	.40	2.33	2.89	11.07	49.89		33.41	*	.38	1.21	2.82	9.38	38.88		47.34
	7051	4EG8	.61	4.58	4.62	12.63	57.85		19.71	*	.62	2.61	4.94	11.74	49.46		30.64
	7052	4EG8	.49	1.94	2.01	13.38	49.25		32.93	*	.46	1.01	1.96	11.36	38.46		46.75
	7053	5A1	.26	.35	.31	3.60	7.53		87.95	*	.18	.13	.23	2.27	4.37		92.82
	7054	4EG4	.20	4.04	7.60	7.56	63.87		16.72	*	.21	2.34	8.27	7.15	55.57		26.45
	7055	4E0	.43	2.14	10.29	2.34	6.49		78.31	*	.31	.86	7.74	1.53	3.91		85.66

DRILL HOLE : FAGA122
NORTHING : 904,655.0
EASTING : 592,486.6
ELEVATION : 1,270.2
TOTAL DEPTH : 232.6
SECTION : W 62
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHO CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS ORE-SAMPLES: 27
NOS DOWN-H-SURVEYS: 5
NOS DOWN-H-LITHOLOGY: 38
NOS DOWN-H-STRUCTURE: 27
NOS DOWN-H-FAULTS: 11
NOS DOWN-H-SPLINES: 5
NOS COMPOSITES: 0

13FEB84 GRUM

ORE SAMPLES & ASSAYS (DH020)

PAGE: 16

DDH: FAGA122 UTM-N: 904,655.0 UTM-E: 592,486.6 UTM-ELEV: 1,270.2 TOTAL DEPTH: 232.6 SECTION: W 62
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DMC CALC: 1 SS CALC: 1

---DEPTHS---		SAMPLE NO.	INT.	REC.	ROCK UNIT	S.G. PULP	-----ASSAYS-----													
FROM	TO						CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
120.6	122.2	07029	1.6	1.5	4G4	4.16	.09	4.30	8.90	74.00		.89	1	25	27					
122.2	123.0	07030	.8	.8	4DE	4.60	.22	5.90	7.60	133.00	127.00	.55		28	29					
135.4	137.8	07031	2.4	2.4	4A3		.10	.18	.36	12.00										
137.8	140.3	07032	2.5	2.5	4A3		.11	.70	1.12	16.00										
140.3	141.0	07033	.7	.7	4E08		.29	.75	.70	27.00										
141.0	143.5	07034	2.5	1.6	4A3		.12	.09	.16	9.00										
143.5	146.0	07035	2.5	1.4	4A3		.05	.15	.23	7.00										
146.0	148.5	07036	2.5	1.6	4A3		.08	.20	.19	10.00										
148.5	150.0	07037	1.5	1.5	4LC		.13	.19	.60	8.00										
160.6	163.5	07038	2.9	2.9	4A31		.05	.03	.03	4.00										
163.5	166.4	07039	2.9	1.5	4A31		.02	.04	.13	4.00										
166.4	169.2	07040	2.8	1.4	4A31		.01	.03	.02	4.00										
169.2	172.0	07041	2.8	2.4	4A31		.03	.01	.01	4.00										
199.0	202.1	07042	3.1	2.3	4A31		.06	.13	.12	6.00										
202.1	203.0	07043	.9	.9	4G48	4.45	.11	4.60	5.50	73.00		.41	13	14	27					
203.0	203.5	07044	.5	.5	4A31	2.88	.09	.10	.07	5.00		.21	3	27	30					
203.5	206.0	07045	2.5	2.4	4EG8	4.02	.25	3.15	2.78	43.00		.96	7	26	34					
206.0	208.6	07046	2.6	2.6	4CG8	4.33	.27	2.70	1.91	41.00		1.17	8	17	25					
208.6	211.2	07047	2.6	2.6	4CG8	3.69	.27	2.62	2.02	37.00		1.65	7	18	26					
211.2	213.7	07048	2.5	2.5	5B23	2.86	.03	.07	.03	3.00		.14	1	1	3					
213.7	214.1	07049	.4	.4	4L23	3.02	.10	.55	.23	12.00		.62	3	3	6					
214.1	216.4	07050	2.3	2.3	4EG8	3.93	.14	2.02	1.94	38.00		1.10	7	23	30					
216.4	218.6	07051	2.2	2.2	4EG8	4.45	.21	3.97	3.10	55.00		1.23	8	26	34					
218.6	220.8	07052	2.2	2.2	4EG8	4.21	.17	1.68	1.35	33.00	32.00	1.65	8	22	31					
220.8	221.6	07053	.8	.5	5A1	2.91	.09	.30	.21	9.00		.55	2	3	5					
221.6	222.1	07054	.5	.3	4EG4	4.40	.07	3.50	5.10	56.00		1.03	4	29	34					
222.1	222.6	07055	.5	.4	4B0	2.93	.15	1.85	6.90	43.00		1.23	1	3	4					

WEIGHTED AVERAGE

120.6	123.0	2.4	2.3	4.30	.13	4.83	8.46	93.66	42.33	.77	1	26	27
135.4	150.0	14.6	11.7		.10	.28	.44	11.28					
160.6	172.0	11.4	8.2		.02	.02	.04	4.00					
199.0	222.6	23.6	22.1	3.33	.16	1.97	1.82	31.65	2.98	.90	5	15	21

13FE884 GRUM

DOWN-HOLE SURVEYS (DM020)

PAGE: 17

DDM: FAGA122 UTM-N: 904,655.0 UTM-E: 592,486.6 UTM-ELEV: 1,270.2 TOTAL DEPTH: 232.6 SECTION: W 62
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1-SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
61.000	176.000	94.000
91.400	174.800	88.000
152.400	173.500	78.000
228.600	167.300	73.000

DDH: FAGA122 UTM-N: 904,655.0 UTM-E: 592,486.6 UTM-ELEV: 1,270.2 TOTAL DEPTH: 232.6 SECTION: W 62
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
48.8	0001	#		0.5-	1
54.6	0002	5B80		0.5-	1
56.1	0003	5DC		0.5-	1
68.5	0004	5B80		0.5-	1
71.0	0005	5B80		0.5-	1
72.0	0006	5AG		0.5-	1
73.7	0007	5CC		0.5-	1
115.3	0008	5B26	-> (5A0)	0.5-	1
120.6	0009	5A0		0.5-	1
122.2	0010	4G4	(5D4*) (4CL BXA)	0.5-	1
123.0	0011	4CE	(4E4) MINOR	0.5-	1
124.4	0012	5A6		0.5-	1
134.7	0013	5B80		0.5-	1
135.4	0014	5B20		0.5-	1
140.3	0015	4A3		0.5-	1
141.0	0016	4EC8	1 (4A3) MINOR	0.5-	1
148.5	0017	4A31		0.5-	1
150.0	0018	4LC8	[4L12]	0.5-	1
159.4	0019	5B20	?	0.5-	1
160.6	0020	4LC	[5B4] (4C0) MINOR	0.5-	1
172.0	0021	4A31	87	0.5-	1
177.7	0022	5AC		0.5-	1
178.6	0023	5B26		0.5-	1
180.8	0024	4LC		0.5-	1
186.6	0025	5A0		0.5-	1
199.0	0026	4LC	(5A0) MINOR	0.5-	1
202.1	0027	4A31		0.5-	1
203.0	0028	4G48	(4H3) AT T.O.I., E.O.I.	0.5-	1
203.5	0029	4A1		0.5-	1
211.2	0030	4E8	&# (4G4) (4L2) MINOR	0.5-	1
213.7	0031	5B20		0.5-	1
214.1	0032	4L23		0.5-	1
220.8	0033	4E8	&# 87 (4G4)	0.5-	1
221.6	0034	5B21	6	0.5-	1
222.1	0035	4E48	&# (4G4)	0.5-	1
222.6	0036	4B9		0.5-	1
226.4	0037	4L2		0.5-	1
232.6	0038	5AC	(5D4*)	0.5-	1

13FEB84 GRUM

DOWN-HOLE STRUCTURE (DHO20)

PAGE: 19

DDH: FAGA122 UTM-N: 904,655.0 UTM-E: 592,486.6 UTM-ELEV: 1,270.2 TOTAL DEPTH: 232.6 SECTION: W 62
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHO CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT SYMTRY	SG ANGLE DIRECT	S1 ANGLE DIRECT	S2 ANGLE DIRECT	RFE CODE	DHDC	SDC	PROCESS			
FAGA122	0.C	50.6	CS2	0	0	0	C	67	230	C	1	1	1
FAGA122	0.0	57.0	CS2	0	0	0	C	47	230	C	1	1	1
FAGA122	0.C	61.9	CS2	0	C	0	C	62	230	C	1	1	1
FAGA122	0.C	67.6	CS2	0	0	0	C	71	230	0	1	1	1
FAGA122	0.C	73.4	CS2	0	0	0	0	76	230	C	1	1	1
FAGA122	0.C	81.0	CS2	0	0	0	0	70	230	C	1	1	1
FAGA122	0.0	86.9	CS2	0	0	0	0	79	230	C	1	1	1
FAGA122	0.C	93.7	CS2	0	0	0	0	65	230	0	1	1	1
FAGA122	0.C	98.6	CS2	0	0	0	C	77	230	C	1	1	1
FAGA122	0.C	103.6	CS2	0	0	0	0	81	230	0	1	1	1
FAGA122	0.C	110.4	CS2	0	C	0	0	77	230	C	1	1	1
FAGA122	0.0	116.4	CS2	0	0	0	0	78	230	0	1	1	1
FAGA122	0.C	123.4	CS2	0	0	0	C	85	230	C	1	1	1
FAGA122	0.0	130.2	CS2	0	0	0	0	72	230	C	1	1	1
FAGA122	0.0	170.2	CS2	0	0	0	C	58	230	0	1	1	1
FAGA122	0.C	176.2	CS2	0	0	0	C	71	230	C	1	1	1
FAGA122	0.C	183.5	CS2	0	0	0	0	74	230	0	1	1	1
FAGA122	0.C	189.7	CS2	0	0	0	0	83	230	C	1	1	1
FAGA122	0.0	193.4	CS2	0	0	0	0	64	230	C	1	1	1
FAGA122	0.C	198.5	CS2	0	0	0	0	60	230	C	1	1	1
FAGA122	0.0	204.0	CS2	0	0	0	0	43	230	C	1	1	1
FAGA122	0.C	211.1	CS2	0	0	0	C	78	230	C	1	1	1
FAGA122	0.C	213.6	CS2	0	0	0	0	86	230	C	1	1	1
FAGA122	0.C	219.3	CS2	0	0	0	0	48	230	0	1	1	1
FAGA122	0.C	221.4	CS2	0	0	0	0	64	230	C	1	1	1
FAGA122	0.C	227.0	CS2	0	0	0	0	66	230	C	1	1	1
FAGA122	0.C	232.4	CS2	0	0	0	0	32	230	0	1	1	1

13FEB84 GRUM

DOWN-HOLE FAULTS (DHO20)

PAGE: 20

DDH: FAGA122 UTM-N: 904,655.0 UTM-E: 592,486.6 UTM-ELEV: 1,270.2 TOTAL DEPTH: 232.6 SECTION: W 62
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		
FAGA122	76.4	76.5	G		0	0	C	0	0	1
FAGA122	120.6	121.0	X		0	0	0	C	0	1
FAGA122	0.0	127.3	G		0	0	0	0	0	1
FAGA122	156.4	156.6	X		0	0	C	C	0	1
FAGA122	150.0	160.6	2B		C	0	C	C	0	1
FAGA122	163.9	164.0	G		0	0	C	C	0	1
FAGA122	172.0	175.0	3B		0	0	C	C	0	1
FAGA122	181.1	181.6	G		0	0	C	C	0	1
FAGA122	220.8	221.0	G		0	0	0	C	0	1
FAGA122	222.6	226.4	GF		0	0	C	C	0	1
FAGA122	226.4	232.6	GR		0	0	C	C	0	1

13FEB84 GRUM

DOWN-HOLE SPLINES (DH020)

PAGE: 21

DDH: FAGA122 UTM-N: 904,655.0 UTM-E: 592,486.6 UTM-ELEV: 1,270.2 TOTAL DEPTH: 232.6 SECTION: W 62
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DMC CALC: 1 SS CALC: 1

DDH SEGMENT NOS COND INDICATOR

FAGA122	1	2
FAGA122	2	2
FAGA122	3	2
FAGA122	4	2
FAGA122	5	1

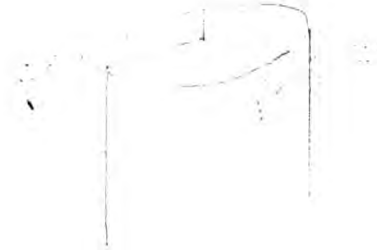
DIAMOND DRILL CORE LOG

Date: _____

Hole Number: FAG A122

Reference Fabric Orientation Diagram:

Project: GRUM REIDG



Location: VANGUARD PROJECT

Claim: _____

WTM
Terr. Plane
Co-ords.: 6224.552.0 N

79
2 orthogonal
Series

5922.9-6.6 E

Grid
Co-ords: 62W / BL

All symmetry determinations looking

Elevation: 1370.0

NW with 52 dipping

Total Depth: 232.6

SW with dip azimuth 230.

Purpose: _____

Reason hole Terminated: _____

RE
Logged by: PN

Date(s) Logged: MARCH 10-11 / 75

Drilling Contractor: _____

Size	CORE From	To	Collar Cased and Capped: _____
CASING	0	43.0	
FD	43.0	232.6	

Hole Cemented: _____

Steel down le: _____

Started: 10/10/75 Completed: 11/14/75

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	100	1488		0101	X1	o/B twinned
L	488	546		0102	5B85	3; dk. green chl. bands alternating w/ calc. bands;
L	546	561		0103	5D31	
L	561	685		0104	5B85	3; as unit 2;
L	685	710		0105	5B85	3; talcy; pale green
L	710	720		0106	5A03	less siliceous towards EOL; minor py fracture fillings;
L	720	737		0107	5D31	as unit 3;
L	737	1153		0108	5B26	; minor py, ank. in fracture fillings; minor 5D0 74.2-74.5m; grading into 5A0 interbands; gouge 76.4-76.5m; variably calc.; few Qtz lenses; 5D46 115.2-115.3m;
L	1153	1206		0109	5A31	minor py assoc. w/ Qtz-calc. bands
L	1206	1222		0110	4G4	4CL breccia 120.6-121.0m; 5D4 w/ malposite 121.0-121.3m; 10% PbZn; honey-coloured sph; 20% barite;
L	1222	1230		0111	4C1E	w/ minor 4E4 bands
L	1230	1244		0112	5A61	ank.-py fracture fillings;
L	1244	1347		0113	5B23	minor gouge at 127.3m; banded; less chl. towards EOL; incr. graphite toward EOL;
L	1347	1354		0114	5B23	minor calc. t.g. fillings;
L	1354	1403		0115	4A31	minor PbZn; 25% py
L	1403	1410		0116	4E08	wt + minor barite 140.7-140.9m; small 4A3 band 140.5-140.6m;
L	1410	1485		0117	4A31	
L	1485	1500		0118	4LC	<2% PbZn; minor wt; interbanded w/ 4L3; 40% py. [4L12]
L	1500	1594		0119	5B23	bxia w/ Qtz-calc. clasts in graph. aroundmass 156.4-156.6m
L	1594	1606		020	4L0	[5B4] non-calc; minor py stringers
L	1606	1720		021	4A31	3cm. po band @ 163.2m; gouge 163.9-164.0m; [5A9+4A31]
L	1720	1777		022	5A3	variably calc;
L	1777	1786		023	5B26	minor py stringers

Code	From				To				Recov.	No.	Unit	Description
	1	10	14	16	20	22	24	26					28	30	34	35
L	11786				11808					024	4L0	min py
L	11808				11866					025	5A3	gouge 181.1 - 181.6 m
L	11866				11990					026	4L0	min py stringers; few narrow 5A0 interbands; min 000;
L	11990				12021					027	4A31	10% py
L	12021				12030					028	4G48	10% PbZn ^{min} 4H3 at both ends of interval;
L	12030				12035					029	4A31	5% py
L	12035				12112					030	4E48	3% conc. in min 4G4 bands; slightly calc; 4L2 203.9 - 204.1 m; 5B21 209.4 - 209.7 m; 4L2 211.0 - 211.2 m;
L	12112				12137					031	5B23	slightly calc; graphite content decr. towards EOT;
L	12137				12141					032	4L23	
L	12141				12208					033	4E48 ^{4E}	w/ 4G4 interbands (3% PbZn); 60% py; slightly calc; po bands 220.6 - 220.8 m; 4A0 219.0 - 219.3 m
L	12208				12216					034	5B21	6 gouge 220.8 - 221.0 m
L	12216				12221					035	4E48	4E48 w/ 4G4 interbands; slightly calc; 3% PbZn
L	12221				12226					036	4B0	5% PbZn; < 2% cpy
L	12226				12264					037	4L2	gouge, fault zone
L	12264				12326					038	5A0	gouge w/ siliceous pebbles; orange-buff 5D43 231.0 - 231.5 m 232.3 - 232.6 m
					EOT							

Structural Log Date: _____

Code	From				To				Feature	E S ₀	S ₀		S ₁		S ₂		Description
	10	14	16	20	22	24	26	28			Dip	Direct.	Dip	Direct.	Dip	Direct.	
S					506			CS2							67	230	
S					570			CS2							4A		
S					619			CS2							62		
S					676			CS2							71		
S					734			CS2							76		
S					810			CS2							70		
S					869			CS2							79		
S					937			CS2							65		
S					986			CS2							77		
S					1036			CS2							81		
S					1104			CS2							77		
S					1164			CS2							78		
S					1234			CS2							85		
S					1302			CS2							72		
S					1346			CS2							65		
S					1416			CS2							55		
S					1516			CS2							72		
S					1584			CS2							64		
S					1637			CS2							68		
S					1702			CS2							58		
S					1762			CS2							71		
S					1835			CS2							74		
S					1897			CS2							83		
S					1934			CS2							64		
S					1985			CS2							60		
S					2040			CS2							43		
S					2111			CS2							78		
S					2136			CS2							36		
S					2193			CS2							48		
S					2214			CS2							64		
S					2270			CS2							66		
S					2324			CS2							32		
					EQH												

ASSAY LOG (SAMPLER'S COPY)

CODE	FROM				TO				SAMPLE				INTR.	REC (m)	UNIT	DESCRIPTION	KA
	10	14	16	20	22	26	28	30	32	34	36	40						42
	1120	16	1122	20	17029	116	115	4A11								2384	
	1122	27	1123	31	17030	118	108	4A11								2385	
	1135	30	1137	38	17031	124	124	4A11									
	1137	38	1140	43	17032	125	126	4A11								2386-7	
	1140	43	1141	47	17033	127	107	4A11								2388	
	1141	47	1142	51	17034	125	116	4A11									
	1142	51	1146	61	17035	128	114	4A11									
	1146	61	1148	69	17036	128	116	4A11									
	1148	69	1150	71	17037	128	115	4A11									
	1160	65	1163	35	17038	129	129	4A11									
	1163	35	1166	44	17039	129	115	4A11									
	1166	44	1169	47	17040	128	114	4A11									
	1169	47	1172	51	17041	128	124	4A11									
	1199	10	1202	21	17042	131	123	4A11									
	1202	21	1202	30	17043	139	109	4A11								2391	
	1202	30	1202	38	17044	141	105	4A11								2390	
	1202	38	1206	47	17045	125	124	4E11								2311	
	1206	47	1208	56	17046	126	126	4E11								2392	
	1208	56	1217	63	17047	126	126	4A11								2312-1	
	1211	72	1213	77	17048	125	125	5B11									
	1213	77	1214	81	17049	104	104	4A11								2315	
	1214	81	1216	84	17051	123	123	4E11								2316-7	
	1216	84	1218	86	17051	122	122	4E11								2398	
	1218	86	1220	89	17052	122	122	4E11								2399	
	1220	89	1221	96	17053	107	105	5A11								6001, 220.8-2.11.11	
	1221	96	1222	101	17054	105	103	4E11								2400	
	1222	101	1222	106	17055	105	104	4B11								"	

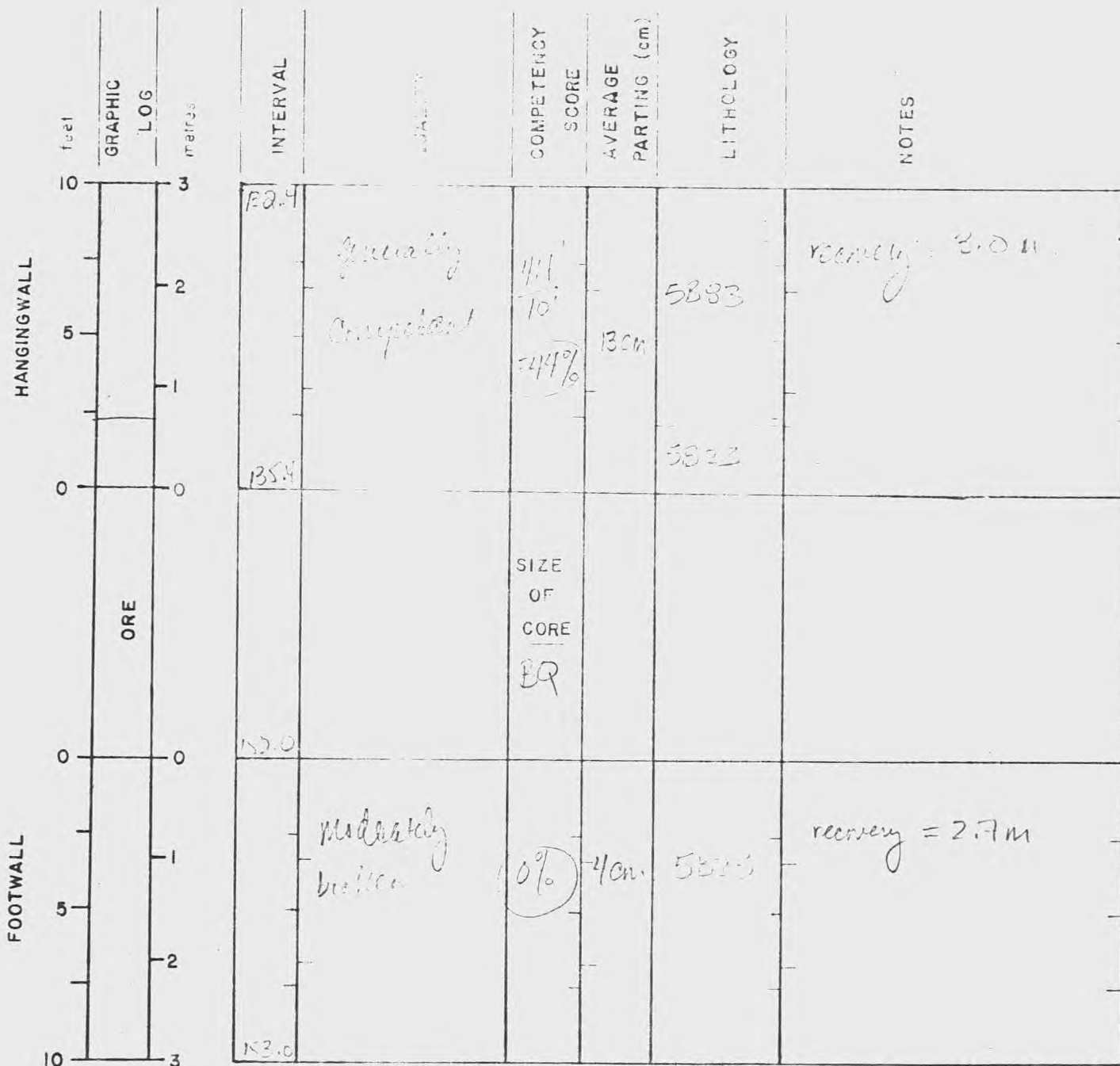
7/12

GEO TECHNICAL LOG

HANGINGWALL		feet	GRAPHIC LOG	metres	INTERVAL	QUALITY	COMPETENCY SCORE	AVERAGE PARTING (cm)	LITHOLOGY	NOTES
		10	OB	3	117.6	Moderately broken rock	$\frac{0}{10} = 0\%$	50cm	5.13	Resistance $\frac{2.5 \text{ m}}{3 \text{ m}}$
		0		0	120.6		SIZE OF CORE BQ			
		0	ORE	0	123.0					
		5		1		Widely broken	$\frac{2.8'}{10'} = 28\%$	90cm	5A6	Resistance = 2.5 m
		10		3		very fragment			5B93	
	FOOTWALL	10		3	126.0					

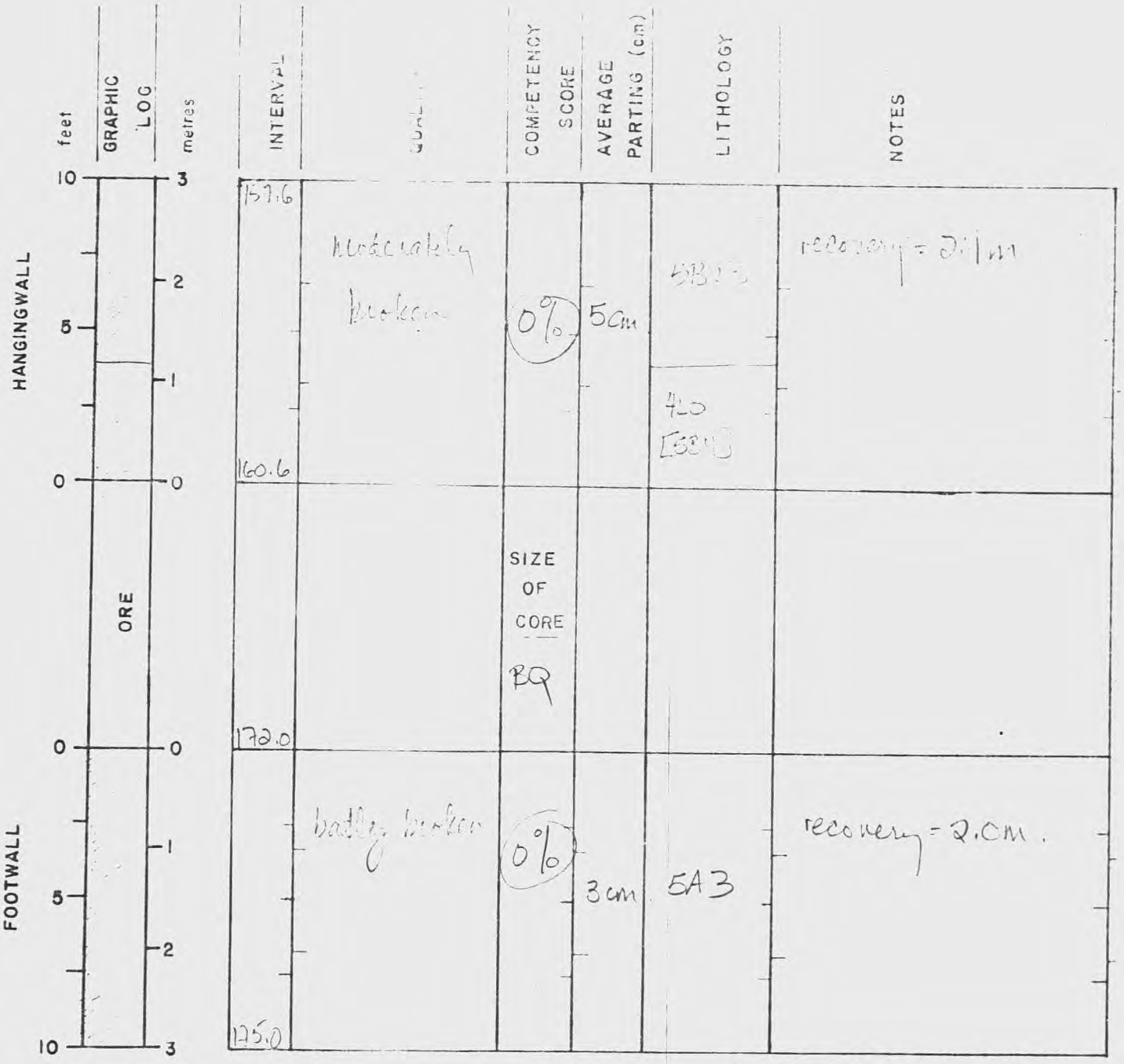
GEO TECHNICAL LOG

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GEOTECHNICAL LOG



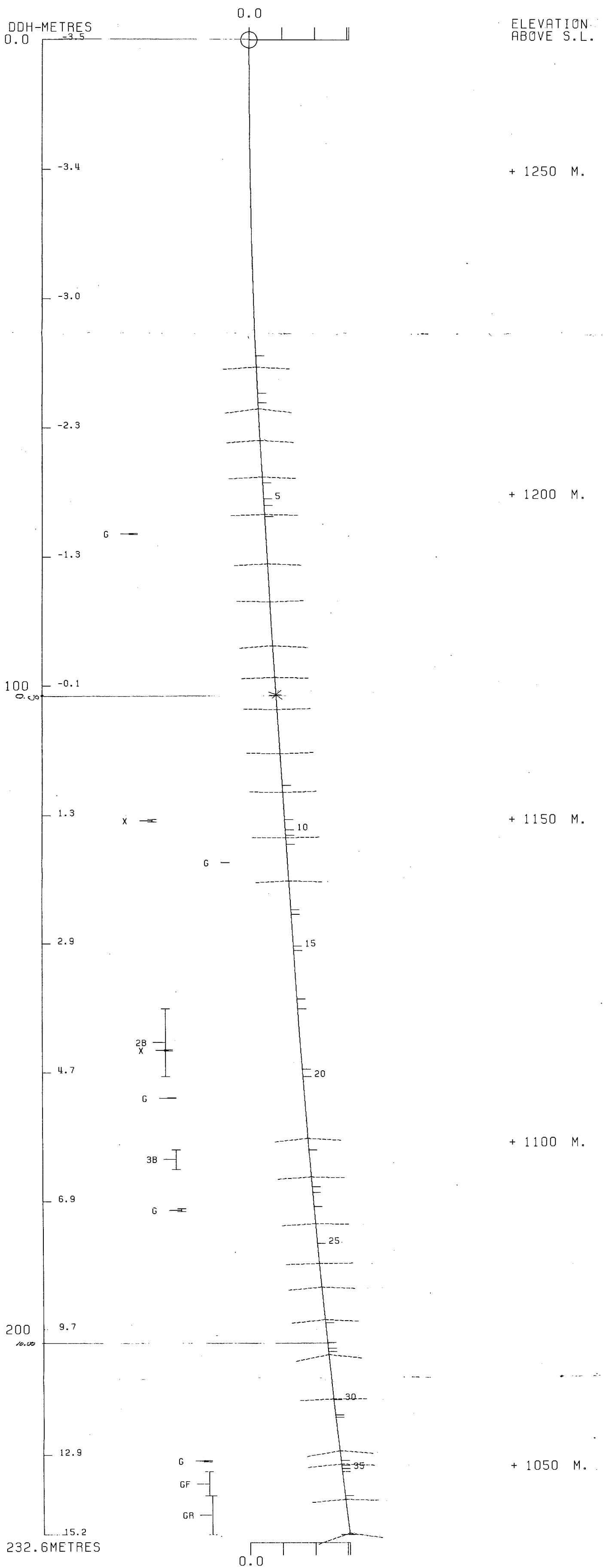
10/10

GEO TECHNICAL LOG

HANGINGWALL		GRAPHIC LOG	INTERVAL	QUALITY	COMPETENCY SCORE	AVERAGE PARTING (cm)	LITHOLOGY	NOTES
10	3	ORE	196.0	mainly competent	21% 10	7 cm	4L0 + minor 5A0 + 0Q0	21% = 3.0 m.
5	2		199.0					
0	0							
FOOTWALL			222.6	badly broken	0% 10	4 cm	4L2	gouge + br. ore
0	0		225.6					
5	1							
10	3							

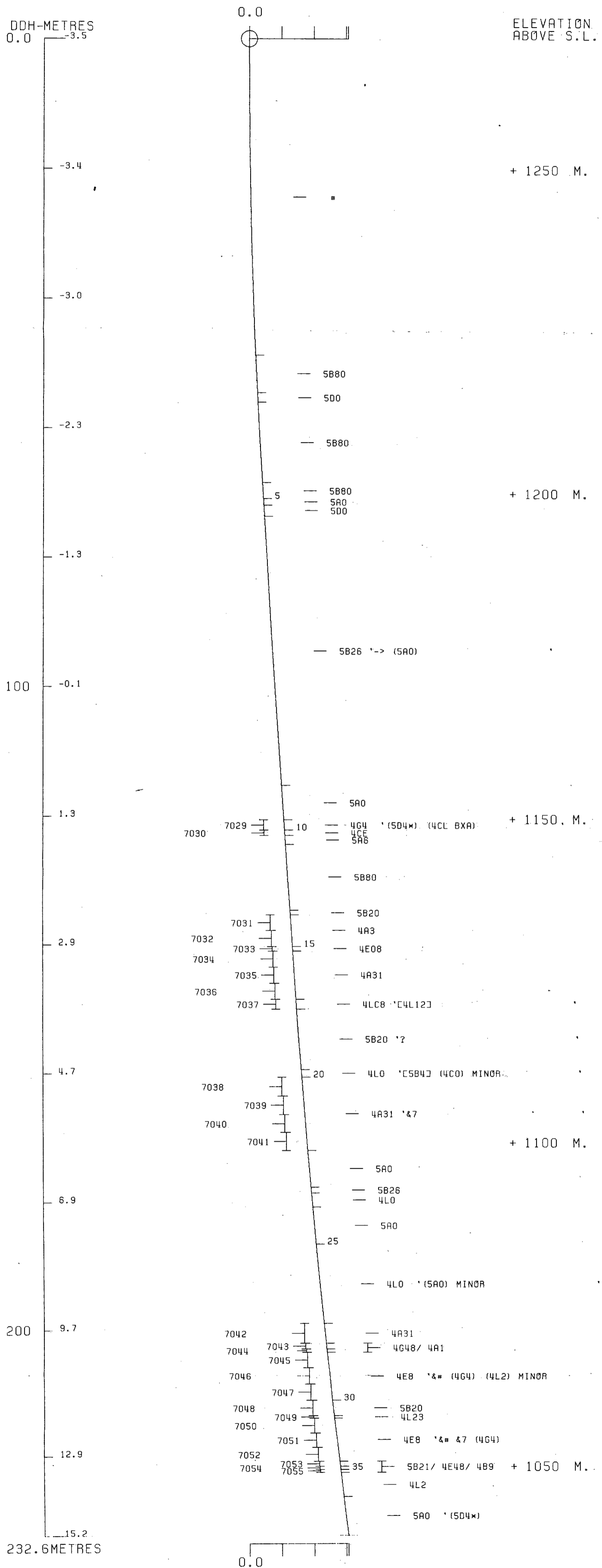
DDH: FAGA122 -- 132 DEGREE PROFILE
 (VIEW AZIMUTH = 42 DEGREES)

ELEV: 1270 592487E ; 904655N
 PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2
 CORRECTED COLLAR POSITION: X = 819.3 Z = 1270.2
 SECTION NAME: 00N



DDH: FAGA122 -- 132 DEGREE PROFILE
 (VIEW AZIMUTH = 42 DEGREES)

ELEV: 1270 592487E ; 904655N
 PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2
 CORRECTED COLLAR POSITION: X = 819.3 Z = -1270.2
 SECTION NAME: 00N



FAGA126

DRILL HOLE : FAGA126
NORTHING : 905,185.5
EASTING : 591,905.8
ELEVATION : 1,319.9
TOTAL DEPTH : 160.4
SECTION : W 88
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 0

DETAIL RECORD COUNTS:

NOS CRE-SAMPLES: 0
NOS DOWN-H-SURVEYS: 2
NOS DOWN-H-LITHOLOGY: 3
NOS DOWN-H-STRUCTURE: 0
NOS DOWN-H-FAULTS: 0
NOS DOWN-H-SPLINES: 2
NOS COMPOSITES: 0

24NOV83 GRUM

DOWN-HOLE SURVEYS (DHO20)

PAGE: 47

DDH: FAGA126 UTM-N: 905,185.5 UTM-E: 591,905.8 UTM-ELEV: 1,319.9 TOTAL DEPTH: 160.4 SECTION: W 88
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 0

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
121.900	178.000	56.000

DDH: FAGA126 UTM-N: 905,185.5 UTM-E: 591,905.8 UTM-ELEV: 1,319.9 TOTAL DEPTH: 160.4 SECTION: W 88
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 0

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
1.5	OC01	#		0.5-	1
7.0	OC02	#		0.5-	1
160.4	OC03	SB		0.5-	1

24NOV83 GRUM

DOWN-HOLE SPLINES (DH020)

PAGE: 49

DDH: FAGA126 UTM-N: 905,185.5 UTM-E: 591,905.8 UTM-ELEV: 1,319.9 TOTAL DEPTH: 160.4 SECTION: W 88
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 0

DDH SEGMENT NOS COND INDICATOR

FAGA126	1	2
FAGA126	2	1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: FAGA 126

Fabric Orientation Diagram: _____

Project: _____

Location: VANGORDA PLATEAU

Claim: GRUM 1

UTM ~~True~~ Plane
Co-ords.: 6905185.5043 N

1979 HIW
Survey 591905.7941 E

Grid
Co-ords.: 88W

All symmetry determinations looking

NW with S₂ dipping

Elevation: 1319.89

SW with dip azimuth 230°.

Total Depth: 160.4

Purpose: test open pit potential

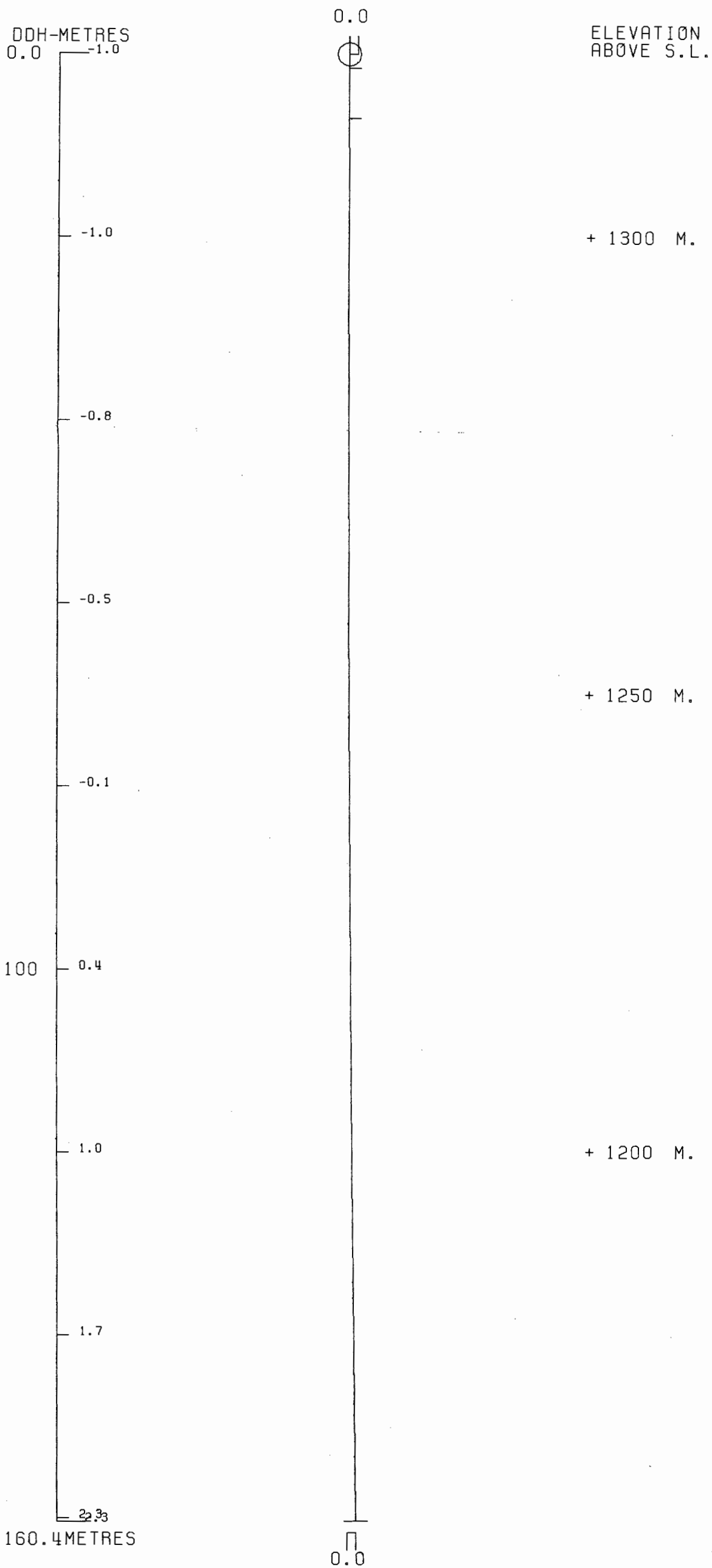
Logged by: not logged yet Date(s) Logged: _____

Drilling Contractor: Cameron M'Cutcherson Core: Size From To Collar Cased and Capped: _____

Started: Sept 23/75 Completed: Oct 1/75

DDH: FAGA126 -- 132 DEGREE PROFILE
(VIEW AZIMUTH = 42 DEGREES)

ELEV:1320 591906E ; 905186N
PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2
CORRECTED COLLAR POSITION: X = 32.7 Z = 1319.9
SECTION NAME: 00N



DDH: FAGA126 -- 132 DEGREE PROFILE

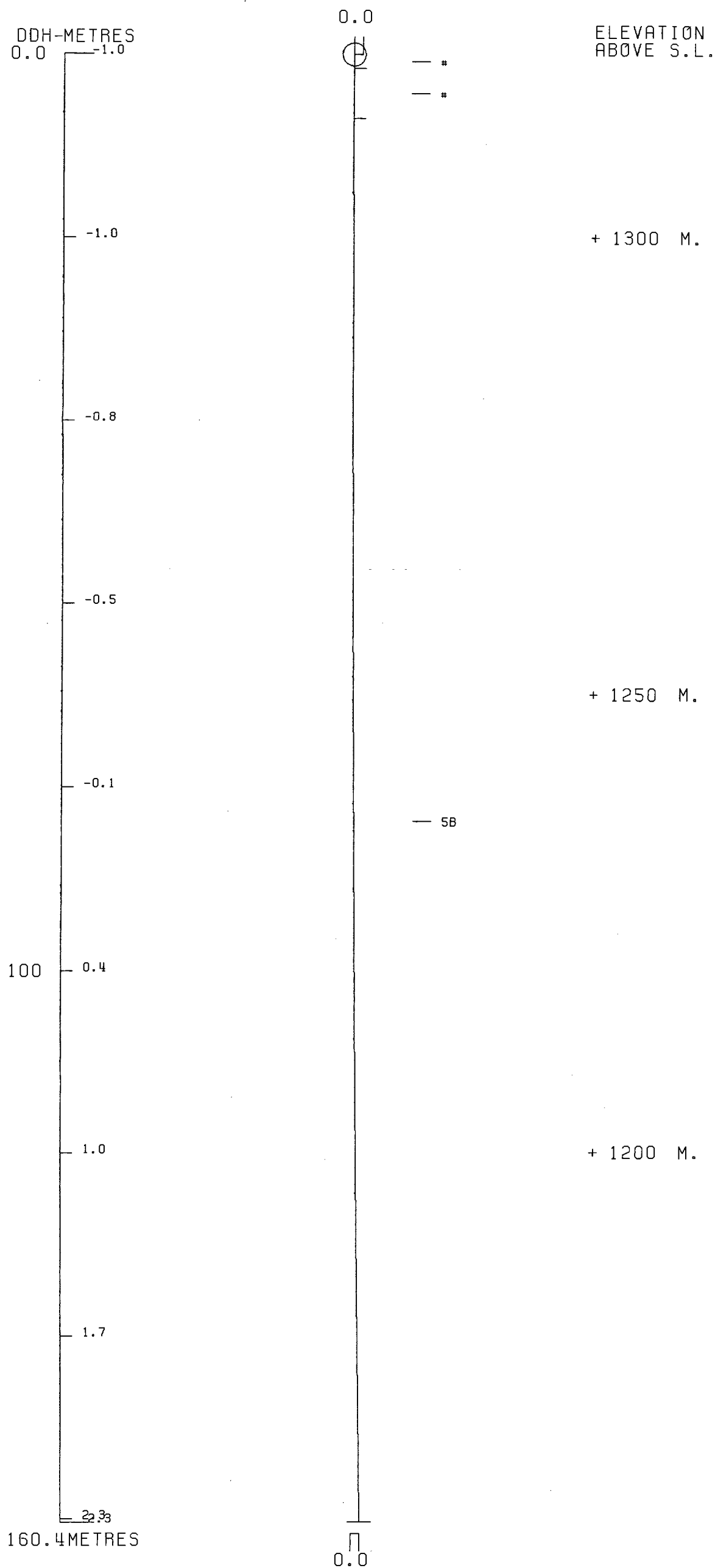
(VIEW AZIMUTH = 42 DEGREES)

ELEV: 1320 591906E ; 905186N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 32.7 Z = 1319.9

SECTION NAME: 00N



FAGA128

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

DETAIL RECORD COUNTS:

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

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DOWN-HOLE SURVEYS (DH020)

PAGE: 16

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

DEPTH	ZENITH	AZIMUTH
0.000	190.000	0.000
121.900	178.000	56.000
192.900	170.800	101.000
243.800	170.000	102.000
304.800	165.400	105.000
365.800	164.200	90.000

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

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
7.0	0001	#		0.5-	1
10.0	0002	580	&# (10Q0#CHLORITE SEL.) 95:05	0.5-	1
12.0	0003	530	&2 MINOR &#	0.5-	1
14.9	0004	5880\$	(10Q#) [(50)] 95:05	0.5-	1
21.3	0005	580	8 MINOR &2 (1.0M AT T.O.I.)	0.5-	1
21.8	0006	500	(10Q#)	0.5-	1
32.9	0007	530	8 MINOR &2 MINOR IN 1M & TOI	0.5-	1
33.5	0008	500	(10Q#)	0.5-	1
40.7	0009	580	8 MINOR	0.5-	1
41.2	0010	500		0.5-	1
75.8	0011	580	8 MINOR ->5880 (500)(10Q#)	0.5-	1
75.5	0012	5880	SLIGHTLY GREENER THAN ABOVE	0.5-	1
78.7	0013	500	.	0.5-	1
82.0	0014	5880	(10Q#CHL)	0.5-	1
83.9	0015	5880	(500) 50:50	0.5-	1
109.0	0016	530	(500)(10Q#) 90:10:MINOR	0.5-	1
113.4	0017	58\$	&0 8 MINOR	0.5-	1
114.6	0018	504\$		0.5-	1
120.5	0019	58\$0	(10Q#)	0.5-	1
123.6	0020	5A0	(5862\$) 70:30	0.5-	1
130.1	0021	582\$	&0 V. MINOR (1 00Q\$) MINOR	0.5-	1
131.6	0022	5362\$	->5A0 60:40	0.5-	1
132.8	0023	504\$	(10Q\$) MINOR	0.5-	1
137.6	0024	582\$	&0 APP. 20% UNIT CC-BEARING	0.5-	1
141.3	0025	4L\$#	#7(10Q\$#PO,SPH,GA,CPY,MARCAS?)	0.5-	1
157.2	0026	5820	&6 (10Q#)	0.5-	1
159.8	0027	4L67		0.5-	1
160.7	0028	4L724	(5A19) 60% SULF:30% 4L:10% 5A	0.5-	1
161.2	0029	58629	-> 5A19 AT BOTTOM	0.5-	1
163.2	0030	4L#	(5C#+10Q#)(586\$) 50:20:30	0.5-	1
174.7	0031	5820\$	(582\$&0)80:20 910,C.S.	0.5-	1
184.5	0032	5820	(500) C.S. 98:02	0.5-	1
186.3	0033	5820	(500) 60:40 (500 810)	0.5-	1
196.1	0034	530	&2 MINOR	0.5-	1
198.9	0035	58\$46	(10Q#) 50:50 58 ->4L	0.5-	1
205.7	0036	5862\$	-> 5A LOCALLY	0.5-	1
206.5	0037	504\$	(4047 BXA 4L FRAGS)	0.5-	1
210.5	0038	596	&# MINOR &4 ->4L6 (504\$ MINOR)	0.5-	1
216.1	0039	5C#	(5840 STR.[4L567#]) 90:10	0.5-	1
224.9	0040	4L#67	[534 STRINGER]	0.5-	1
225.5	0041	5C\$		0.5-	1
225.7	0042	5848	(10Q#) 50:50	0.5-	1
226.5	0043	5C\$	&0	0.5-	1
227.2	0044	5848	(10Q0)	0.5-	1
227.9	0045	5C3	.	0.5-	1
229.3	0046	586\$	MINOR &48	0.5-	1
230.1	0047	5C\$		0.5-	1
230.5	0048	586\$	48	0.5-	1
233.3	0049	5C\$	&4 (58648) 5C\$->50\$&4 90:10	0.5-	1
236.0	0050	4L67#	[53048 STRINGER]	0.5-	1
237.5	0051	580	&2	0.5-	1

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

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
237.8	0052	5D40		0.5-	1
240.0	0053	4C#	78 W/4L PARTINGS	0.5-	1
241.1	0054	4E8	POSSIBLE 1 - MINOR	0.5-	1
241.8	0055	4G4		0.5-	1
242.8	0056	5D\$	84	0.5-	1
245.1	0057	5B6\$	4 ->4L65 (5D3)TRACE (10Q\$)	0.5-	1
246.2	0053	5B6\$	82 (5B\$4 [5D4\$])	0.5-	1
248.1	0059	4D\$	(4E46) (10Q\$# BRECCIA VEIN)	0.5-	1
249.0	0060	4L6	W/4C BANDS // S1	0.5-	1
250.7	0061	5B\$0	82 84	0.5-	1
253.7	0062	5D0	-> [(5B80)]	0.5-	1
258.1	0063	5B0B	\$ MINOR (5D0)	0.5-	1
267.8	0064	5B0	.	0.5-	1
276.2	0065	5B80	(5D0)	0.5-	1
291.1	0065	5B0	8 MINOR	0.5-	1
292.8	0067	5D0	.	0.5-	1
297.4	0063	5B0	82 MINOR (5D0)(10Q#) 70:30	0.5-	1
307.3	0069	5B20	8\$ MINOR	0.5-	1
313.0	0070	5B2\$	0 MINOR 31 ->5A\$ (5D4\$)	0.5-	1
317.0	0071	5B26	81 ->5A6	0.5-	1
322.5	0072	5A\$9	81 ->5B26\$	0.5-	1
335.7	0073	5B80		0.5-	1
336.3	0074	5D4#	.	0.5-	1
339.5	0075	5B0	84 8\$	0.5-	1
340.0	0076	5D4\$		0.5-	1
344.4	0077	5B6\$	84 (5D4\$) 60:40	0.5-	1
346.5	0078	4L6	WEAK [5B648] (5D4\$) 60:40	0.5-	1
347.0	0079	4C9	MINOR	0.5-	1
347.8	0080	5C4\$	(10Q\$9)	0.5-	1
348.4	0081	4E469	-> 4G4	0.5-	1
348.8	0082	4D0	.	0.5-	1
352.4	0083	5B4\$	82 LOCAL (5C4\$)(5D4\$) 90:10	0.5-	1
352.8	0084	4D\$	MICROBXA W. 4L PARTINGS	0.5-	1
356.1	0085	4A10	MICROBXA	0.5-	1
358.0	0086	4D3\$#		0.5-	1
358.6	0087	4A4	MICROBXA	0.5-	1
361.6	0088	4C\$	WITH 4L PARTINGS	0.5-	1
362.0	0089	4E4#		0.5-	1
363.0	0090	4C\$	WITH 4L LAMIN.	0.5-	1
364.8	0091	4G4	8#	0.5-	1
367.1	0092	4L\$2	4 (4C\$) 80:20	0.5-	1
368.2	0093	4E4\$	# MINOR	0.5-	1
369.2	0094	4D0		0.5-	1
369.9	0095	4D\$	BXA (4D0) (4L0)	0.5-	1
376.1	0096	5B26\$		0.5-	1
378.4	0097	10Q\$	(5B52\$) 50:50	0.5-	1
386.7	0098	5B62\$	80 MINOR	0.5-	1
390.4	0099	5B6\$	2 MINOR	0.5-	1
399.8	0100	5B0	81	0.5-	1
402.9	0101	5B20	3\$	0.5-	1
414.6	0102	5B0	(5D0)MINOR (10Q0)	0.5-	1

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

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
419.8	0103	5826\$		0.5-	1
422.3	0104	4C0	(504\$)	0.5-	1
425.8	0105	4L24\$	(4C+) (4C0) [4L2415]	0.5-	1
426.7	0106	4L\$24	.	0.5-	1
427.2	0107	4G48	.	0.5-	1
429.9	0105	4E84	87	0.5-	1
431.7	0109	5C\$	84 ->50\$ 84	0.5-	1
433.5	0110	4E8		0.5-	1
435.2	0111	5C\$9	84 (50\$9&4)	0.5-	1
439.5	0112	4E4\$	8#	0.5-	1
440.9	0113	4A10		0.5-	1
441.9	0114	4C\$8	W/ 4L PARTINGS	0.5-	1
444.5	0115	5A1\$		0.5-	1
445.9	0116	4D3\$	#8 (5A16)	0.5-	1
447.8	0117	5B62\$		0.5-	1
477.3	0118	5A16	(808\$)MINOR 89 (50) V. MINOR	0.5-	1

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

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	DIRECT	S1 ANGLE	DIRECT	S2 ANGLE	DIRECT	RFE	CDE	DHDC	SDC	PROCESS
FAGA128	0.0	12.7	PS2		0	0	0	0	81	230	0		1	1	1
FAGA128	0.0	16.6	CS2	D	0	0	0	0	76	230	0		1	1	1
FAGA128	0.0	22.3	CS2	D	0	0	0	0	70	230	0		1	1	1
FAGA128	0.0	26.0	CS2		0	0	0	0	75	230	0		1	1	1
FAGA128	0.0	32.6	CS2	D	0	0	0	0	82	230	0		1	1	1
FAGA128	0.0	38.0	CS2	D	0	0	0	0	83	230	0		1	1	1
FAGA128	0.0	43.3	CS2		0	0	0	0	85	230	0		1	1	1
FAGA128	0.0	50.2	CS2	D	0	0	0	0	76	230	0		1	1	1
FAGA128	0.0	56.2	CS2		0	0	0	0	95	230	0		1	1	1
FAGA128	0.0	62.3	CS2		0	0	0	0	80	230	0		1	1	1
FAGA128	0.0	66.0	CS2		0	0	0	0	75	230	0		1	1	1
FAGA128	0.0	73.1	CS2		0	0	0	0	82	230	0		1	1	1
FAGA128	0.0	79.0	CS2		0	0	0	0	85	230	0		1	1	1
FAGA128	0.0	85.1	CS2		0	0	0	0	74	230	0		1	1	1
FAGA128	0.0	91.8	CS2	D	0	0	0	0	73	230	0		1	1	1
FAGA128	0.0	95.3	CS2		0	0	0	0	73	230	0		1	1	1
FAGA128	0.0	101.5	CS2		0	0	0	0	81	230	0		1	1	1
FAGA128	0.0	106.7	CS2		0	0	0	0	83	230	0		1	1	1
FAGA128	0.0	116.4	CS2		0	0	0	0	79	230	0		1	1	1
FAGA128	0.0	125.5	CS2		0	0	0	0	71	230	0		1	1	1
FAGA128	0.0	130.6	PS2		0	0	0	0	76	230	0		1	1	1
FAGA128	0.0	135.5	PS2		0	0	0	0	80	230	0		1	1	1
FAGA128	0.0	136.2	CS2		0	0	0	0	90	230	0		1	1	1
FAGA128	0.0	146.5	PS2		0	0	0	0	86	230	0		1	1	1
FAGA128	0.0	149.3	CS2		0	0	0	0	90	230	0		1	1	1
FAGA128	0.0	154.5	PS2		0	0	0	0	86	230	0		1	1	1
FAGA128	0.0	165.2	CS2		0	0	0	0	88	230	0		1	1	1
FAGA128	0.0	170.3	CS2		0	0	0	0	80	230	0		1	1	1
FAGA128	0.0	176.4	CS2		0	0	0	0	78	230	0		1	1	1
FAGA128	0.0	185.2	CS2		0	0	0	0	86	230	0		1	1	1
FAGA128	0.0	190.9	CS2		0	0	0	0	85	230	0		1	1	1
FAGA128	0.0	199.5	CS2		0	0	0	0	78	230	0		1	1	1
FAGA128	0.0	211.5	CS2		0	0	0	0	85	230	0		1	1	1
FAGA128	0.0	219.9	PS2		0	0	0	0	85	230	0		1	1	1
FAGA128	0.0	230.0	CS2		0	0	0	0	85	230	0		1	1	1
FAGA128	0.0	234.0	PS2		0	0	0	0	85	230	0		1	1	1
FAGA128	0.0	244.1	CS2		0	0	0	0	75	230	0		1	1	1
FAGA128	0.0	251.5	CS2		0	0	0	0	88	230	0		1	1	1
FAGA128	0.0	258.5	CS2		0	0	0	0	78	230	0		1	1	1
FAGA128	0.0	265.3	CS2		0	0	0	0	73	230	0		1	1	1
FAGA128	0.0	270.4	CS2		0	0	0	0	75	230	0		1	1	1
FAGA128	0.0	284.0	CS2		0	0	0	0	69	230	0		1	1	1
FAGA128	0.0	285.4	CS2		0	0	0	0	69	230	0		1	1	1
FAGA128	0.0	293.7	CS2	D	0	0	0	0	80	230	0		1	1	1
FAGA128	0.0	302.5	CS2	D	0	0	0	0	72	230	0		1	1	1
FAGA128	0.0	309.6	CS2		0	0	0	0	65	230	0		1	1	1
FAGA128	0.0	320.4	CS2		0	0	0	0	56	230	0		1	1	1
FAGA128	0.0	325.6	CS2		0	0	0	0	80	230	0		1	1	1
FAGA128	0.0	330.2	PS2		0	0	0	0	63	230	0		1	1	1
FAGA128	0.0	335.6	PS2		0	0	0	0	81	230	0		1	1	1
FAGA128	0.0	347.4	CS2		0	0	0	0	74	230	0		1	1	1

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DOWN-HOLE STRUCTURE (DH020)

PAGE: 21

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

DDH	F DEPTH	T DEPTH	FEAT SYMTRY	S0 ANGLE DIRECT	S1 ANGLE DIRECT	S2 ANGLE DIRECT	RFE CDE	DHDC	SDC	PROCESS
FAGA128	0.0	351.5	PS2	0	0	55	230	0	1	1
FAGA128	0.0	362.2	PS2	0	0	76	230	0	1	1
FAGA128	0.0	367.7	PS2	0	0	55	230	0	1	1
FAGA128	0.0	374.6	PS2	0	0	77	230	0	1	1
FAGA128	0.0	381.6	CS2	0	0	79	230	0	1	1
FAGA128	0.0	391.5	CS2	0	0	78	230	0	1	1
FAGA128	0.0	395.6	PS2	0	0	70	230	0	1	1
FAGA128	0.0	404.3	PS2	0	0	73	230	0	1	1
FAGA128	0.0	408.8	CS2	0	0	79	230	0	1	1
FAGA128	0.0	416.7	CS2	0	0	83	230	0	1	1
FAGA128	0.0	422.9	PS2	0	0	83	230	0	1	1
FAGA128	0.0	430.1	PS2	0	0	70	230	0	1	1
FAGA128	0.0	440.0	PS2	0	0	72	230	0	1	1
FAGA128	0.0	444.4	PS2	0	0	77	230	0	1	1
FAGA128	0.0	452.8	PS2	0	0	73	230	0	1	1
FAGA128	0.0	465.2	PS2	0	0	70	230	0	1	1
FAGA128	0.0	477.2	PS2	0	0	60	230	0	1	1

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

DDH	F DEPTH	T DEPTH	FEAT	REC	CD	PARLL	UPPER PLANE	INTERNAL PLANE	LOWER PLANE	DHD
FAGA128	7.0	8.0	9R		5		0	0	0	1
FAGA128	8.0	10.0	23				0	0	0	1
FAGA128	10.2	12.0	3TR				0	0	0	1
FAGA128	12.0	14.9	23		7		0	0	0	1
FAGA128	0.0	16.5	R				0	0	0	1
FAGA128	0.0	17.4	R				0	0	0	1
FAGA128	21.8	32.9	23				0	0	0	1
FAGA128	37.7	40.7	1B				0	0	0	1
FAGA128	53.3	53.5	R				0	0	0	1
FAGA128	57.0	58.5	2BR				0	0	0	1
FAGA128	82.0	83.9	1B				0	0	0	1
FAGA128	95.0	97.2	RG				0	0	0	1
FAGA128	109.0	110.0	R				0	0	0	1
FAGA128	110.0	113.2	2B				0	0	0	1
FAGA128	113.2	113.4	R				0	0	0	1
FAGA128	114.6	114.9	R				0	0	0	1
FAGA128	115.7	120.2	3B				0	0	0	1
FAGA128	120.2	123.6	G				99	999	99	1
FAGA128	0.0	130.3	1R				0	0	0	1
FAGA128	132.3	135.2	2B				0	0	0	1
FAGA128	0.0	160.1	G				0	0	0	1
FAGA128	159.8	160.7	D				0	0	0	1
FAGA128	0.0	161.2	1G				0	0	0	1
FAGA128	160.7	163.2	2B				0	0	0	1
FAGA128	167.4	169.8	23				0	0	0	1
FAGA128	170.9	171.6	RG		2		0	0	0	1
FAGA128	0.0	199.0	1G				99	999	0	1
FAGA128	202.4	202.8	1RG				0	0	0	1
FAGA128	0.0	203.9	1G				0	0	0	1
FAGA128	203.9	205.7	1B				0	0	0	1
FAGA128	246.4	246.6	X				0	0	0	1
FAGA128	247.3	248.1	X				0	0	0	1
FAGA128	248.1	249.0	BX				0	0	0	1
FAGA128	272.2	275.2	BR		3		0	0	0	1
FAGA128	0.0	297.1	1X				0	0	0	1
FAGA128	297.4	303.0	2B				0	0	0	1
FAGA128	303.0	304.8	3BG				0	0	0	1
FAGA128	0.0	305.9	1G				0	0	0	1
FAGA128	0.0	306.9	1G				0	0	0	1
FAGA128	304.8	307.3	2BG				0	0	0	1
FAGA128	0.0	307.5	1G				0	0	0	1
FAGA128	312.0	313.0	3BG				0	0	0	1
FAGA128	313.0	315.2	3BR		5		0	0	0	1
FAGA128	315.2	315.6	RG				0	0	0	1
FAGA128	313.0	317.0	3BG				0	0	0	1
FAGA128	315.6	317.0	RG		6		0	0	0	1
FAGA128	317.0	320.0	3BR		8		0	0	0	1
FAGA128	320.0	321.8	1B				0	0	0	1
FAGA128	321.8	322.5	2BG				99	999	0	1
FAGA128	0.0	330.6	1G				0	0	0	1
FAGA128	0.0	331.5	1G				0	0	0	1

13OCT93 GRUM

DOWN-HOLE FAULTS (DH020)

PAGE: 23

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

DDH	F DEPTH	T DEPTH	FEAT	REC	CD	PARLL	UPPER PLANE	INTERNAL PLANE	LOWER PLANE	DHD
FAGA128	0.0	331.8	1G				0	0	0	1
FAGA128	328.6	334.0	2BR				0	0	0	1
FAGA128	336.3	336.6	GR				0	0	0	1
FAGA128	336.6	338.6	2B	8			0	0	0	1
FAGA128	338.6	339.5	GR	3			0	0	0	1
FAGA128	340.0	344.4	3BR				0	0	0	1
FAGA128	344.4	345.9	2B				0	0	0	1
FAGA128	345.8	346.5	3BG				0	0	0	1
FAGA128	347.0	347.8	Q				0	0	0	1
FAGA128	348.8	352.4	2B				0	0	0	1
FAGA128	352.8	354.0	2B				0	0	0	1
FAGA128	354.0	354.8	3BR				0	0	0	1
FAGA128	354.8	355.1	R	3			0	0	0	1
FAGA128	355.1	355.7	RB	8			0	0	0	1
FAGA128	352.4	356.1	D				0	0	0	1
FAGA128	356.1	358.0	2BR				0	0	0	1
FAGA128	0.0	358.4	3RG				0	0	0	1
FAGA128	358.0	359.1	D				0	0	0	1
FAGA128	358.6	359.1	3BR				0	0	0	1
FAGA128	359.1	361.6	3BR				0	0	0	1
FAGA128	0.0	361.8	G				0	0	0	1
FAGA128	369.9	371.9	3BR				0	0	0	1
FAGA128	376.5	377.3	GR				0	0	0	1
FAGA128	376.1	378.4	3B				0	0	0	1
FAGA128	378.4	378.6	GR				0	0	0	1
FAGA128	378.6	386.7	2B				0	0	0	1
FAGA128	386.7	387.4	RG				0	0	0	1
FAGA128	387.4	388.1	2B				0	0	0	1
FAGA128	388.1	388.9	23G				0	99	999	1
FAGA128	388.9	389.5	3B	8			0	0	0	1
FAGA128	389.5	390.4	RG				0	99	999	1
FAGA128	427.2	429.9	D				0	0	0	1
FAGA128	431.7	433.5	D				0	0	0	1
FAGA128	434.7	434.9	QX				0	0	0	1
FAGA128	435.8	436.5	D				0	0	0	1
FAGA128	439.5	440.9	XQ				0	0	0	1
FAGA128	457.3	457.5	RG				0	0	0	1

13OCT83 GRUM

DOWN-HOLE SPLINES (DH020)

PAGE: 24

DDH: FAGA128 UTM-N: 905,179.0 UTM-E: 591,998.9 UTM-ELEV: 1,320.4 TOTAL DEPTH: 477.3 SECTION: W 88
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH SEGMENT NOS COND INDICATOR

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

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: FAGA 128

Fabric Orientation Diagram:

Project: GRUM RELOG

Location: SECTION 88W

Claim: _____

Terr. Plane Co-ords.: 6905.178, 9752 N

5918.98, 8843 E

Grid Co-ords.: 88W

0+25.5

Elevation: 1320.36

Total Depth: 477.3m

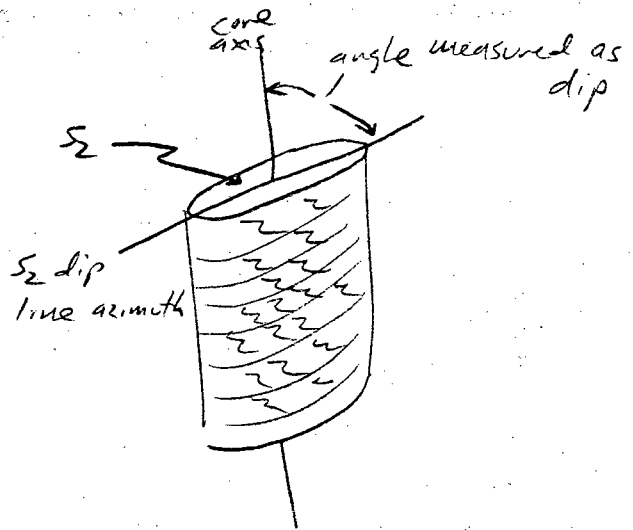
Purpose: To test ore

Logged by: LCP/GAI

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

Drilling Contractor: Cameron Metchon

Core:	Size	From	To	Collar Cased and Capped:
	<u>NO</u>	<u>0</u>	<u>550'</u>	_____
	<u>BP</u>	<u>550'</u>	<u>477.3m</u>	_____



All symmetry determinations looking

NW with S₂ dipping

SW with dip azimuth 230.

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

Core No.	From				To				Recov.	No.	Unit	Description
	10	14	16	20	22	24	26	28					30	34	35
L	10	0	17	0						1	#	TRICONED - no recovery
L	17	0	110	0						12	5B10	±# (1000# chert sdrage) 95:05 Carbonate bands weather rusty. Poorly developed lithon. structure. Slightly green lithon structure. Unit markedly broken / 70-80 broken & rubble - probably 0.5m lost
L	110	0	112	0						13	5B10	±2 (minor) ±# Similar to #2 Only slightly more carbonaceous PSZ strips. Unit broken & paker chippy / minor rubble - no gauge
L	112	0	114	9						14	5B10	# (100#) [(5D)] 95:05 Some of unit may be 5D. Moderately to very broken, rusty-weathering. About 0.7m core loss / No fault obvious for rusty color
L	114	9	121	3						15	5B10	8 (minor) ±2 (1.0m at T.O.I.) First meter is ±2 / Core intact but for minor rubble @ 16.5, 17.4m
L	121	3	121	8						16	5D10	(100#) Intact
L	121	8	132	9						17	5B10	8 (minor) ±2 (minor in 1.0m @ T.O.I.) Good lithon structure / Core Moderately broken - esp. in last 3.5m and from 23-24m - no gauge - probably not fault

Core Code	From		To		Recov.		No.		Unit	Description
	10	14	16	20	22	24	26	28			30	34	35
L	1312	9	1313	5				18	15D10	(10Q#) Probably some asymmetric S-fold closure in unit - it is thickened w/ fold in center / Core intact
L	1313	5	1410	7				19	15B10	minor B Excellent litho structure / Intact - minor broken core in last 3m.
L	1410	7	1411	2				110	15D10	Identical to above (Unit B) / Core intact
L	1411	2	1758					111	15B10	(minor B (SDO) (10Q#) → 5880 SD very minor as thin bands / 10Q less than 1% as 10-30um parallel S ₂ bands / P ₂ porphyroblasts @ ~ 58.5m / Excellent litho Intact to 53.3 + rubble 53.3 to 53.5m / intact 53.5-57.0m / 57.0-58.5 med. broken to rubble - no major faults / 58.5 - E.O.T. relatively intact w/ minor broken sections - no faults Transitional to 58B
L	1758		1765					112	15B10	Slightly greener than above / Core intact
L	1765		1787					113	15D10	With calcite bands / About 10% calcite in between bands - rest in bands Core intact
L	1787		1820					114	15B10	(10Q# chlorite) Intact / last 1.5m is green
L	1820		1839					115	15B10	(SDO) 50:50 Slightly broken - no faults

Code	From	To	Recov.	No.	Unit	Description
L	10839	110190		116	5B10	(5D) (10Q#) 90:10:minor 5D - 10-30 cm. interbeds / 10Q as 10-50 cm lenses parallel S ₂ Core intact / rubble w/ incipient gouge 95-97.2 - prob. no faults
L	110190	11134		117	5B10	±0 B minor Good lithon structure - texturally like Vergada / 0.3m SB26 at T.O.I. Approx. 10% of carbonate calcite / Core moderately broken - top 1.0 m rubble - bottom 0.2 m rubble - both no faults
L	11134	11146		118	5D14	locally laminated / 4 because of same colour / Intact
L	11146	112105		119	5B10	(10Q#) Core T.O.I. - 114.9 rubble w/ incipient gouge / Intact 114.9-116.7 / Very broken & mod. broken 116.7-120.2 / 120.2-120.5 gouge
L	112105	112136		120	5A10	(5B62) 70:30 Mostly gauged / lower contact // S ₂ / internal gouge parallel S ₂ / upper contact indeterminate - / Fault could be as steep as 45° to core First significant fault in DDH - Bankruptcy break (?!?)
L	112136	113101		121	5B12	±0 (very minor) (10Q#) - minor Good dolomitic siltstone bedding - weathers orange-tan / Vuggy 10Q# w/ pyrite Unit relatively intact / last 1.0m not carbonaceous - SB#4 - resembles DS1's ultracarbonatd

change to BQ at 550 feet

DDH F.A.G.A.12.8
2 8

Cyprus Anvil Mining Corp.
Lithologic Log

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Date: 2/2/83 Logged By: GAL/KCP

Core	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	11310	11316		1212	15B1612	<p>→ 5A0 60:40</p> <p>Generally PSZ foliated - minor lithous structure / Pyrite porphs / Unit (mostly intact - rubble (minor) @ 130.3</p>
L	11316	11328		1213	15D1413	<p>(10Q#) minor</p> <p>Sharp S₂ // contact @ Top / intercalated contact @ bottom / Intact / Weathers rusty tan</p>
L	11328	11376		1214	15B1214	<p>± 0 About 20% calcite-bearing of unit</p> <p>Good PSZ carbonaceous stripes / locally good lithous / T.O.I - 135.2 - moderately broken / 135.2 - E.O.I is intact</p>
L	11376	11413		1215	14L515	<p>(10Q## po, sph, ga, cpy, marcasite?)</p> <p>Qtz veins are brecciated w/ sulfides filling fractures / Similar texture for 4L. Origin of structure & feature uncertain - not a convincing fault - lower contact filled by D2 - not // S₂ - doesn't cut S₂ - generally appears // S₂ - gradational 4L into bounding units - 4L6 has greenish tinge</p> <p>Not exhalative sulfides</p>
L	11413	11572		1216	15B1216	<p>± 6 (10Q#) 0</p> <p>With brown (biotite) & green (actinolite) near calc-silicate bands</p> <p>Moderately well developed lithous / 10Q mostly from 150-153m - chlorite selvages - minor py - approx S₂ foliaform lenses - 15% of the stert interval / Unit overall intact / recovery OK / Gradational lower contact</p> <p>Pa porphs</p>

L##

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	11572	11598		127	41467	Po w/ qtz in stringers 11S ₂ 1-5mm thick / Slight green tinge - no grey tinge left at all.
L	11598	11607		128	41472 4	5 ₂ (5A19) 60Sulfides/30 46/10% 5A Sulfide bands (qtz present) with 1-3cm bands of micaeous pale green tinged 46 / Different from above by high sulfide content - mainly Po / Flow breccia w/ disrupted pyromatic 46 bands in sulfides / Core intact / minor fault 2.3m below T.O.I. - 45° core axis - not significant
L	11607	11612		129	5B129	→ 5A19 at bottom Gradational top contact / Sharp S ₂ parallel bottom contact / Mod Broken
L	11612	11632		310	41451	(5C# + 10Q#) (5B6\$) 50:20:30 Minor gouge near T.O.I. - otherwise intact
L	11632	11747		311	5B210 \$	(5B2\$ ± 0) 80:20 2 micae - mainly upper 3 meters. Biobitic & calc-silicate / 5B\$ portion mainly 166-168m / Good lithons structure. T.O.I. - 167.4 intact / 167.4-168.8 moderately broken w/ minor incip gouge / 168.8-170.9 intact / 170.9-171.6 rubble & gouge w/ 0.2m recovered / 171.6 - EOT intact probably not important
L	11747	11845		312	5B210	(5D0) 98:02 Good lithons / locally calc-silicate development / 5D @ 178.2-178.6 Unit intact / Gradational upper contact

41#

Core ID	From				To				Recov.	No.	Unit	Description
	10	14	16	20	22	24	26	28					30	34	35
L	11814	5	11816	3						1313	51B1210	(5D0) 60:40 5D biotite-bearing - also blebs of Pa in 5D / Core intact
L	11816	3	11916	1						1314	51B10	± 2 (minor) Pa porphyroblasts / host 1.0 m in 5B20 / Some biotite & calc-silicate but less than above / Also pyrite porphs
L	11916	1	11918	9						1315	51B146	(10Q#) 50:50 SB → 4L Mixed SB phyll. & qtz veins w/ sections of weak to strong bleaching to creamy green similar to 4L / some dolomite fringing in gray SB Basal contact sharp 115 ₂ - associated w/ dolomite breccia - possible fault?
L	11918	9	12015	7						1316	51B162	\$ → 5A locally Excellent dolomite - qtz scistone lithons / weathers slightly rusty / moderately broken - minor S ₂ 11 gauge @ 199 - minor gauge & rubble 202.9-202.8 - minor gauge @ 203.9 - 203.9 to EOT is slightly broken
L	12015	7	12016	5						1317	51D41	(4D4B7 to 4L frags) 4D well banded w/ 4L partings & frags - upper 2 cm of unit / Intact
L	12016	5	12110	5						1318	51B16	I \$ (minor) ± 4 → 4L6 (5D4 \$ minor) Mostly intact
L	12110	5	12116	1						1319	51C#	Nice lithon texture - could be a variant of 5B Core intact 51B16 (5B40 stringed (pa) [4L567#]) 90:10

Lithologic Log

Date: 2 Aug/87 Logged By: GAS/LCP

Core No.	From		To		Recov.	No.	Unit	Description		
	10	14	16	20					22	24	26	28	30	34	36
L	12116	1	121214	9		1410	(14115167)	[SB4 stringer] SB analogue of 360 stringered / Po in D2-filled bands 3-20cm thick Cpy-sph associated / Unit has biotite & green actinolite (?) / Overall ~ 5% po / Similar to interband in last unit / Grades down into SB / Core intact		
L	121214	9	121215	5		1411	15C1f1	Core intact		
L	121215	5	121215	7		1412	15B14B	(10Q#) 50:50		
L	121215	7	121216	5		1413	15C1f1	±0 Calcite present at bottom of unit		
L	121216	5	121217	2		1414	15B14B	(10Q0) Intact		
L	121217	2	121217	9		1415	15C1B	Intact		
L	121217	9	121219	3		1416	15B16f (minor) ±48	Similar to altered unit just above		
L	121219	3	121310	1		1417	15C1f			
L	121310	1	121310	5		1418	15B16f 48	Good libms / pale greenish gray		
L	121310	5	121313	3		1419	15C1f ±4 (5B64B)	5Cf → 5Df ±4 90:10 (10Qf) minor		

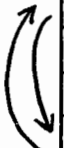
Core No.	From		To		Recov.	No.	Unit	Description		
	10	14	16	20					22	24	26	28	30	34	38
L	12313	3	12316	0		1510	(14) 4675 calcite	[5B04B stringer] 5B analogue of 360 stringer / least 0.4m is interlayered 4D3 w/ slightly chlorite muscovite partings - 4L / Similar to phyllite in main part of unit		
L	12316	0	12317	5		1511	5B01 ± 2	Intact / Good calcareous microlithons		
L	12317	5	12317	8		1512	5D1410	Still green phyllite w/ qtz-calcite bands / Slightly altered / has 53 cluge		
L	12317	8	12410	0		1513	(14) D# 78 w/ 4L partings	Calcite + dolomite / Interbanded py & po rich qtz-sulphide and light greenish cream phyllitic 4L / Approx 40% total sulfides / 239.2-239.7 is very py-rich - could be related to 4G w/ carbonate rather than basite		
L	12410	0	12411	1		1514	(14) E84	possible 1 - minor f Magnetite in lens bands		
L	12411	1	12411	8		1515	(14) G01	Very baritic (~40%) / No fizz / gradual lower contact		
L	12411	8	12412	8		1516	5D181 ± 4	Intact		
L	12412	8	12415	1		1517	5B68 4 → 4L65	(5D3 trace) (100 f) Has 5cm 5D parallel S ₂ interband / Good lithone texture / large F2 fold nose / Qtz-dol. lenses along S ₁		

4C# 78
4L partings
see assay

4E8
see assay

4G4
see assay

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	12415.1	12416.2		1518	15B1618	E2 (5B#4 [5D4#]) Good siltstone lithology in 5B
L	12416.2	12418.1		1519	14D#1	(4E46) (10D#) breccia vein) Breccia has sulfide frags in carbonate matrix — tectonic breccia — occurs in intervals 247.5-EOT & 246.4-246.6 Similar to sulfide intersection above w/ 4L partings (#53) No magnetite
L	12419.0	12510.7		1611	15101#10	I2#4 Altered & dolomitized 5B
L	12418.1	12419.0		1610	1412161	with 4C bands parallel S, 4C = 1cm thick / 8cm of 4ED @ 248.9 / Unit broken & locally brecciated. / appears related to above sulfides These sulfide intersections have previously been interpreted as interlayered tuffs & exhalites — interpreted as upper horizon — should consider if tuffs are actually altered pelites
L	12510.7	12513.7		1612	151D101	→ [(5B80)] Gradational lower contact to 5B80 / Indist
L	12513.7	12518.1		1613	15B1018	finer (5D0) Dolomite mainly at top 0.5m. Large S2 fold nose



Code	From				To				Recov.	No.	Unit	Description
	10	14	16	20	22	24	26	28					30	34	35
L	121518	1	121618	1	1614	151810						Q+ veins (tiny) / Relatively intact / Upper contact arbitrary
L	121618	1	121716	2	1615	151810						(500) Commonly gradational contacts both internally & upper and lower Intact except for 272.2-275.2 only have len of broken core w/ minor rubble. Internal 272.2-273.4 - broken & rubble of 2.4m - bottom half ultracarbonated 58 - any gouge is wasted assay - possible fault? / 273.4-275.2 has 2.6m of moderately broken core - assume core len at top. ↓ Core len 273.4-274.6
L	121716	2	121911	1	1616	151810						8 minor Minor biotite associated w/ carbonate lithons / Incipient calc-silicate development / Good lithon texture
L	121911	1	121912	8	1617	151810						Intact
L	121912	8	121917	4	1618	151810						I 2 (minor) (500) (10Q#) 70:30 SD sharply bounded 2-40cm 5 ₂ // bands - presumed meta-stuffs / Base of unit carbonated (dolomitized) & pink - appears related to minor fault breccia @ 297.1 / Unit intact
L	121917	4	131073	3	1619	151810						I 1/2 (minor) Not very calcareous / Locally good siltstone microlithon texture / T.O.I. - 303 core mod. broken - 303-304.8 very brkn w/ gouge 304-304.4 (ind)

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

Lat 0.1m in L.O.O 4FH# & minor SD

Code	From		To		Recov.		No.		Unit	Description	
	10	14	16	20	22	24	26	28			30	34	35
L	1310	173	1311	130					709	151B1215	<p>0(minor) → 5A\$ (5D4\$) ±1 moderately hard Good dolomitic siltstone bands / 5D as minor 10-20 cm bands / Intact to 312.0 — 312-313 very broken w/ minor core loss of ind. gauge 312-312.4 / 312.4-312.7 312.7 is 1000 fragments of Di15m — also 5A19 frag here. — No major fault Minor py & sphal associated w/ qtz-dol. siltstone bands</p>
L	1311	130	1311	170					712	151B1216	<p>→ 5A6 ±1 Minor py & sphal. assoc w/ quartzose bands — not 4A Unit entirely broken w/ much rubble core 313-315.2 brkn, no gauge, 50% rec 315.2-315.6 brkn recov OK 315.6-317.0 rubble, gauge lumps, qtz vein frags, about 1m recovered — probably no significant fault — lith. controlled.</p>
L	1311	170	1312	125					712	15A\$19 ±1	<p>→ 5B26\$ Short tabular sulfide sections 4E0 317.-317.1 4E0 317.6-318.2 4E6x buckshot texture { 4F4 } 4J24 318.5-318.6 { 4F4 } 4J2 320.5 { 4F4 } 4J2 322.1 Minor quartzite in quartzose lithons 317-320 very broken — just rubble — 80% recov / 320-321.8 mod. brkn to intact — good recov / 321.8-322.5 mod. brkn incipient gauge approx 11 S₂ dipping @ 45° / lower contact indet. — may be significant fault because of abrupt lith change</p>

No.	From		To		Recov.	No.	Unit	Description		
	10	14	16	20					22	24	26	28	30	34	35
L	13122	5	13131	5	7	173	15B180	Top 1.0 m. is dolomitic / good lithon structure - close spaced / B is quite weak - rock looks slightly bleached / may be 2 carbonates present TOI - 328.6 intact / 328.6 - 334 mod. broken & locally rubble, recov. OK, minor indet gauge @ 330.6, 331.5, 331.8 - no major faults		
L	13131	5	13131	6	3	174	15D14#	Intact		
L	13131	6	13131	9	5	175	15B101	I4 I# Vanguard phyll partly bleached & locally dolomitized. Indet gauge & rubble 336.3-336.6 / 336.6-338.6 mod. broken w/ 80% recov / 338.6 - EOI, 0.4 m of gauge, rubble, broken core, lower contact indet. Significant fault?		
L	13131	9	13141	0	0	176	15D14#			
L	13141	0	13141	4	4	177	15B181#	I4 (504\$) 60:40 Phyllites dolomitized SB w/ lithon structure Core very broken, locally rubble, minor gauge, recovery OK		
L	13141	4	13141	6	5	178	14A161	weak [5B648] (504\$) 60:40 Core mod. to very broken. Pale cream green micaceous phyllite w/ 10-30 cm SD interbands at EOI & TOI but mi - core more broken - cut by dolomitic crackle veins 345.8-346.5 core very broken w/ gauge for 0.3m. there mod. broken w/ minor rubble		

Core No.	From		To		Recov.	No.	Unit	Description		
	10	14	16	20					22	24	26	28	30	34	35
L	131465	131470				79	141C91	(9 minor) 2cm 4G4 at TOI		
L	131470	131478				80	151C41\$	(10A\$9) Very highly carbonated - probably originally 5CD / full of gtz-dol. veins which are themselves fractured.		
L	131478	131484				81	141E416B	→ 4G4 Intact		
L	131484	131488				82	141D101	Intact		
L	131488	131524				83	151B41\$	E2 (local) (5C4\$) (5D4\$) 90:10 5C/D4\$ has minor S2 foliiform sphalerite bands - variation of carbonate alteration from higher (a. 336m) Moderately to strongly broken		
L	131524	131528				84	141D1\$1	microbx with 4L partings 2cm 4E\$ at end. Core split		
L	13528	131561				85	141A110	microbx. I refers to closely spaced gtz-py laminae - only minor carbonaceous wisps Core split - originally made broken to rubble TOI - 354 mod. broken / 354-354.8 very broken w/ rubble / 354.8-355.1 loc. oil in rubble recovered / 355.1-355.7 oil in rubble & broken core No minor major fault		

Code	From	To	Recov.	No.	Unit	Description
L	131567	131580		186	41D31#	Carbonate in bands diss. w/ sulfides - also minor qtz-carbonate clasts/fragments. Core med. broken to locally rubble
L	131580	131586		187	41A4	microtx much rubble & gangue @ 350.4
L	131586	131616		188	(41D1#)	w/ 4L partings - some possibly after 5D Appears to be interlayered qtz-sulfide, qtz-carbonate-sulfide, phyllite Minor interlayered 4A 360-360.3 Core very broken & rubble, some microtx textures in upper 0.5m
L	131616	131620		189	41E4#	Pyritic sand @ 361.8
L	131620	131630		190	41C1#	w/ 4L laminations - possibly after 5D, # Similar to #87 w/ 4L laminations Qtz-dol-py-sphal rock w/ poorly developed banding 11.5
L	131630	131640		191	41G4	± # Increasingly basitic towards base
L	131648	131671		192	(41K15# 24)	(4C#) 80:20 TOE - 365.0 4C# as unit # 87 365.0 - 367.2 4L 25#?4 Qtz-dol-mus-minor chlorite, strongly foliated, weakly banded / 4L type alt / local remnants of 5C4# / Contains py-sphal bands

4C#
see assays

4L#2 4

Code	From				To				Recov.	No.	Unit	Description
	10	14	16	20	22	24	26	28					30	34	35
L	13167	14	16	20	22	24	26	28	30	34	35	#(minor) Interstitial fine white, soft, unidentified non-friable carbonate in massive sulfides
L	13168	2	13169	2					91	4D0		
L	13169	2	13169	9					95	4D0\$		bx (4D0) (4L0) w carbonate-gtz interbeds / in upper 0.2m / Then 4D frags in carbonate matrix w/ some 4L micaceous partings Similar to 364.0-367.1 Unit # 91
L	13169	9	13176	1					96	5B216\$		Calcite in fractures & along 52 foliations Very broken w/ rubble & indet mixer gauge in Top 2 meters - recovery OK
L	13176	1	13178	4					97	110Q\$		(5B62\$) 50:50 Core very broken / gauge & rubble 376.8-377.3
L	13178	4	13181	7					98	5B162\$		± 0 (minor) locally well developed lithons w/ green ss bands. Pyrite present in siltstone bands Core moderately broken / 0.2m ind rubble & gauge at TOI
L	13181	7	13191	4					99	5B162\$		(minor) \$ (minor) Same as above unit only more broken

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

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	39104	39198		100	5B10	I \$ Intact
L	39198	410129		101	5B120	I \$ (minor) last meter is 5B23 / Intact
L	410129	41146		102	5B101	(5D) minor (1000) Core intact / Good microlithon texture / Lower 3 meters begin to have more siltstone / 5D 5cm to 2cm bands
L	41146	41198		103	5B126 \$	Excellent lithon structure w/ quartz-siltstone bands. Abundant siltstone. Carbonate break + dolomite break. Lower contact sharp Core intact Texture like 5A* - only too light
L	41198	412123		104	(41D10)	(5D4 \$) 5D is well banded - not carbonate-rich - could be altered 4A
L	412123	412158		105	(41K12145)	(4C*)(4C10) [412145] Interlayered 4C*, 4C0, 4L phyllites - similar to above unit only more finely interlayered, lower grade, & minor normal 4D - similar to sulfides near 235 & 239 (Units) Phyllites are greenish-tinged cream (slightly green 4L) / About 10-15% total sulfides 60% 4L type phyllite / Sharp contact @ TOT. 360m.

4C0
see assays

424 \$

4L#24

Code	From				To				Recov.	No.	Unit	Description
	10	14	16	20	22	24	26	28					30	34	36
L	14125	8	14126	7						1106	4L#24	Intact Similar to above unit #104 / 4L w/ interbeds of 4D34, 4C3± (#) → short sections are gr-py-sphal-@ chroms w/ minor 4L partings Similar to above only more sulfide-rich
L	14126	7	14127	2						1107	41G418	Intact
L	14127	2	14129	9						1108	41E814 ±7	Intact Magnetite ferrim blots to bands - associated w/ sphal. & py / looking brecciated w/ carbonate-looking clasts & gr clasts / Py clasts in gr matrix
L	14129	9	14131	7						1109	51C1\$1 ±4 → 5D\$ ±4	Intact
L	14131	7	14133	5						1110	41E18	w fine magnetite grains & thin sphal. bands / Floating calc. clasts up to 1cm across / laminarly banded & foliated
L	14133	5	14135	2						1111	51C1\$19 ±4 (5D\$ ±4)	Minor foliform S ₂ bands of gr-py-sphal. 1cm thick - 70% sulfides 434.7-434.9 breccia w/ sulfide frags (4E4, 10Q\$, 5C4\$) in a dolomite + calcite matrix
L	14135	2	14139	5						1112	41E41\$ 8#	Bx from 435.8-436.5 - large 4L floaters in sulfides / thin dolomite clasts / Fractured & veined by dolomite + calcite / Minor interbedded 4A13 in last 2 m.

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	14395	14409		113	14A110	Crackle breccia & filled w/ dol. & calcite / 1 refers to qtz-pyrite bands
L	14409	14419		114	14C118	w/ 4L partings As higher up the DDH Very hard - doesn't fit into normal facies
L	14419	14446		115	15A115	± (minors - 20%) / Minor pyrite where qtz bands present / P52 foliated / Dark grey
L	14446	14459		116	14D131 # 8	(5A16) 8 minors
L	14459	14478		117	15B162	± With good siltstone bands / Intercalated soft grey phyllite & hard green siltstone
L	14478	14773		118	15A116	(± 0 ± ±) minors ± 9 (py, pa associated w/ qtzose bands) (5D) very minor < 1% total sulfides / < 20% interval has carbonates 5D - small diff. bands / from 1cm to 2cm thick TOT - 457.3 intact / 457.3 - 457.5 rubble & indet. gauge / 457.5 - EOH intact EOH

Structural Log

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

Code	From		To		Feature	SYM	S ₀		S ₁		S ₂		Description
	10	14	16	20			Dip	Direct.	Dip	Direct.	Dip	Direct.	
				22	PS12						81	2310	
				26	CS12D						76		
				28	CS12D						70		
				32	CS12						75		
				34	CS12D						82		
				38	CS12D						83		
				40	CS12						85		
				44	CS12D						76		
					CS12						85		
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					CS12						85		
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					CS12D						76		
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Structural Log

Code	From		To		Feature	S ₀ Dip Direct.	S ₁ Dip Direct.	S ₂ Dip Direct.	Description
	10	14	16	20					
S			24	41	CS2			75 2310	
S			25	15	CS2			88	approaching PS2
S			25	85	CS2			78	
S			26	53	CS2			73	
S			27	04	CS2			75	
S			28	40	CS2			69	
S			28	54	CS2			68	
S			29	37	CS2 D			80	
S			30	25	CS2 D			72	
S			30	96	CS2			65	→ PS2
S			32	04	CS2			56	
S			32	56	CS2			80	
S			33	02	PS2			63	
S			33	56	PS2			81	
S			34	74	CS2			74	
S			35	15	PS2			55	
S			36	22	PS2			76	
S			36	77	RS11			55	banding in S = ?
S			37	46	PS2			77	
S			38	16	CS2			79	
S			39	15	CS2			78	
S			39	56	PS2			70	
S			40	43	PS2			73	
S			40	88	CS2			79	
S			41	67	CS2			83	
S			42	29	PS2			83	
S			43	01	PS2			70	
S			44	10	PS2			72	
S			44	44	PS2			77	
S			45	28	PS2			73	
S			46	32	PS2			70	
S			47	72	PS2			60	↓

Structural Log

Code	From				To				Feature	SYR	S ₀		S ₁		S ₂		Description
	10	14	16	20	22	24	26	28			32	34	38	40	44		
F		170		180	B1R	5											broken & rubble 50% recov.
F		180		1100	2B												mod. brkn
F		1102		1120	B1TR												brkn & poker chippy / minor rubble / no gouge
F		1120		1149	2B	7											mod. to very brkn / 75% recovery
F				1165	R												minor rubble
F				1174	R												minor rubble
F		1218		1329	2B												mod. brkn
F		1372		1407	1B												minor brkn core
F		1533		1535	R												rubble
F		1570		1585	2B1R												Mod. brkn to rubble - no faults
F		1820		1839	1B												Slightly brkn - no faults
F		1950		1972	R1G												rubble w/ incipient gouge - probably no faults
F		11090		11100	R												rubble - no faults
F		11100		11132	2B												mod. brkn
F		11132		11134	R												rubble - no faults
F		11146		11149	R												rubble w/ incipient gouge
F		11167		11202	3B												very brkn to mod. brkn
F		11202		11236	G					9.9	9.9	9.9	9.9	9.9	9.9		upper contact 1ND - first major fault in DDH Bankruptcy Break??
F				11303	1R												minor rubble
F		11328		11352	2B												Mod. brkn
F		11598		11607	D												flow bra
				11607	G												minor fault - 45° S.A. not significant
F		11610		11632	2B												mod. brkn
F				11612	1G												minor gouge
F		11674		11688	2B												mod. brkn w/ minor incipient gouge
F		11709		11716	R1G	2											rubble & gouge 29% recovery
F				11990	1G					9.9	9.9	9.9					Minor 11S ₂ gouge
F		12024		12028	1RG												minor gouge & rubble
F				12039	1G												minor gouge
		12039		12057	1B												slightly brkn

Structural Log

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.	
F	1214	164	1214	166	XI												tectonic bxa, sulfide frags in carbonate matrix
F	1214	175	1214	181	XI												tectonic bxa - sulfide frags in carbonate matrix
F	1214	181	1214	190	BIXI												locally bxted & broken
F	1217	122	1217	152	BIRI	3											33% recovery broken core w/ minor rubble - possible fault
F			1219	171	11XI												minor fault bxa
F	1219	174	1310	130	2IB												mod. broken
F	1310	130	1310	148	3IBIG												very broken w/ gouge IND
F	1310	148	1310	173	2IBIG												mod. broken w/ gouge
F			1310	159	1IG												gouge
F			1310	169	1IG												gouge
F			1310	175	1IG												gouge
F	1311	120	1311	130	3IBG												Very broken w/ minor core lost & IND gouge
F	1311	130	1311	170	3IBIR												very broken w/ much rubble
F	1311	130	1311	152	3IBIR5												50% recovery / no gouge
F	1311	152	1311	156	RIG												rubble & gouge / recovery OK
F	1311	156	1311	170	RIG	6											2/3 recovery, rubble & gouge probably lith. controlled -
F	1311	170	1312	100	3IBIRB												no major fits very broken & rubble, 80% recovery
F	1321	100	1321	18	1IB												mod. broken to impact, recov OK
F	1321	18	1321	25	2IBG					919	919						mod. broken w/ incip gouge gouge 11S ₂ @ 45° C.A. may be significant fault
F	1321	86	1331	40	2BIR												mod. broken & locally rubble - recovery OK
F			1331	106	1IG												IND
F			1331	115	1IG												IND
F			1331	18	1IG												IND
F	1331	163	1331	166	GR												IND gouge & rubble
F	1331	166	1331	186	2IB	8											mod. broken / 80% recovery
F	1331	186	1331	195	GR	3											30% recov. gouge, rubble broken core - signif. fault?

Structural Log

Date: _____ Logged By: _____

Code	From				To				Feature	S ₀ Dip Direct.	S ₁ Dip Direct.	S ₂ Dip Direct.	Description
	10	14	16	20	22	24	26	28						32	34	38	40	44
F	1314	1400	1314	1444	31B	R							very brkn - locally rubbly - minor gouge - recovery OK
F	1314	1444	1314	1508	21B								com. very brkn to mod. brkn
F	1314	1508	1314	1605	31B	IG							very brkn w/ some gouge - cut by dolomitic crackle veins
F	1314	1700	1314	1708	Q								gta - dol. veins which are fractured
F	1314	1808	1315	124	21B								mod. to very brkn
F	1315	124	1315	161	D								microbxa texture
F	1315	120	1315	140	21B								mod. brkn
F	1315	140	1315	148	31B	R							very brkn w/ rubble
F	1315	148	1315	151	R		3						1/3 recov. of rubble
F	1315	151	1315	157	R	B	B						85% recov. rubble & brkn core
F	1315	161	1315	180	21B	R							mod. brkn to locally rubbly
F	1315	180	1315	191	D								microbxa textures
F	1315	186	1315	191	31B	R							much rubble & gouge
F	1315	191	1316	16	31B	R							very brkn & rubbly
F	1315	191	1316	18	G								pyrite sand
F	1316	199	1317	19	31B	R							very brkn w/ rubble & IND minor gouge - recovery OK
F	1317	161	1317	184	31B								very brkn
F	1317	180	1317	173	G	R							gouge & rubble
F	1317	184	1317	186	G	R							IND rubble & gouge
F	1317	186	1318	167	21B								mod. brkn
F	1318	167	1318	174	R	G							rubble & IND gouge
F	1318	174	1318	181	21B								mod. brkn
F	1318	181	1318	189	21B	G			919	919	919		mod. brkn w/ incipient 11S ₂ gouge
F	1318	189	1318	195	31B		8						very brkn, 80% recovery
F	1318	195	1319	104	R	G			919	919	919		brkn, rubble gouge, internal 45°C.A. - 11S ₂
F	1412	72	1412	99	D								braked, w/ carbonate, gta, py clasts in go matrix
F	1413	117	1413	135	D								dolomite clasts
F	1413	147	1413	149	Q	X							bxa w/ sulfide frags in dolomite - calcite matrix
F	1413	158	1413	165	D								dolomite & 46 clast in sulfide matrix

} no major fault

DDH: FAGA128 -- 132 DEGREE PROFILE

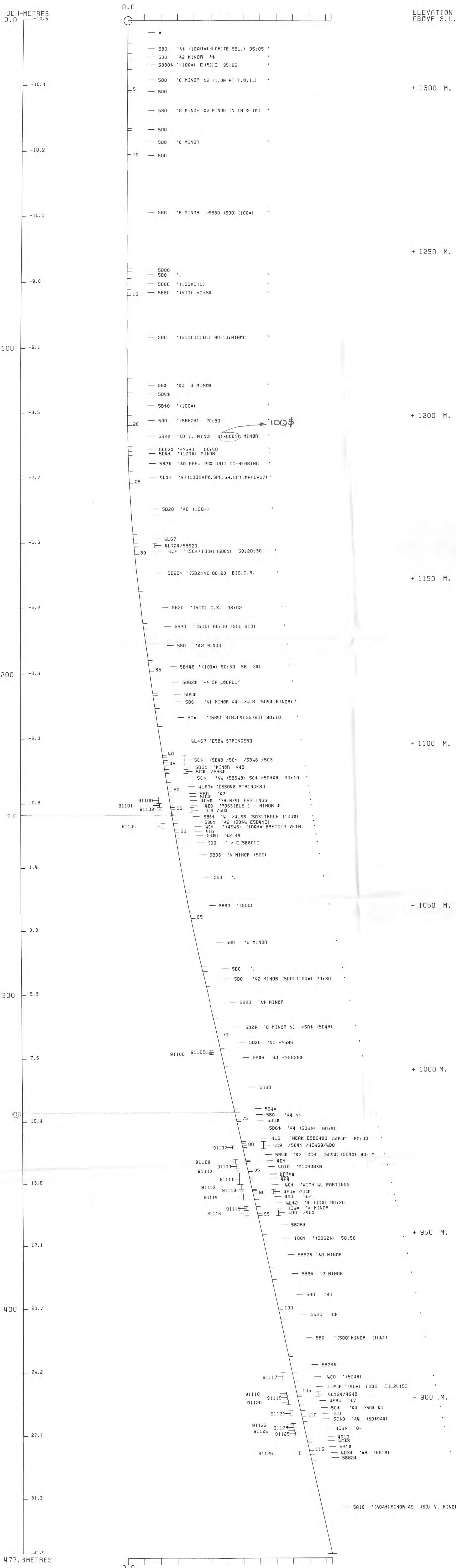
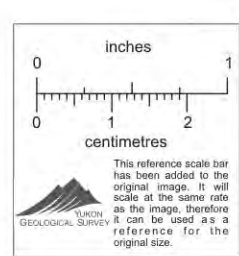
(VIEW AZIMUTH = 42 DEGREES)

ELEV:1320 591899E ; 905179N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 31.9 Z = 1320.4

SECTION NAME: D00N



DDH: FAGA115 -- 132 DEGREE PROFILE

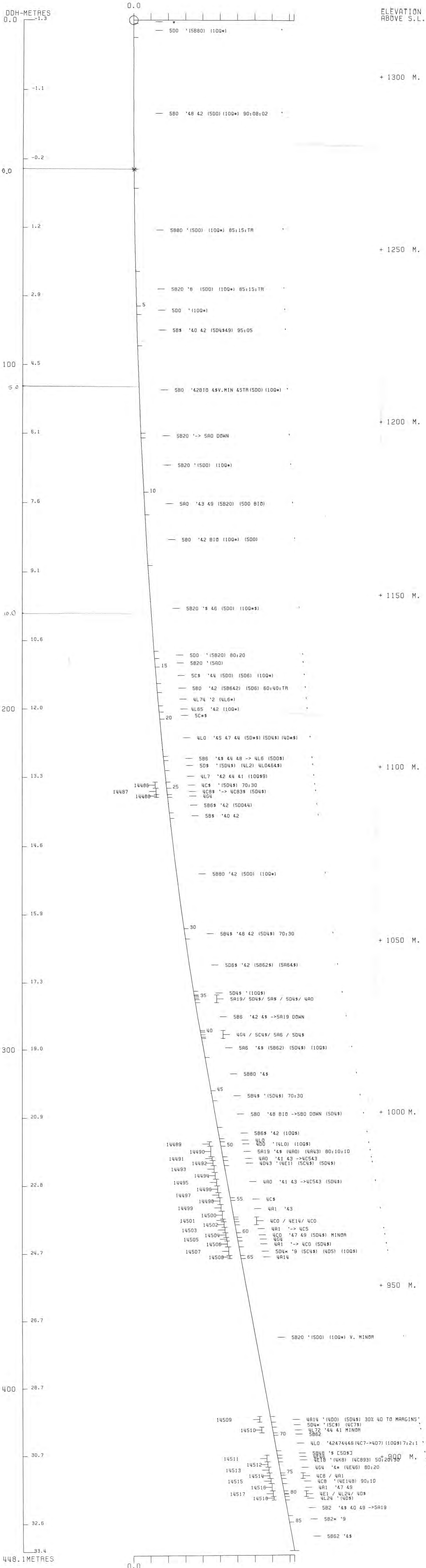
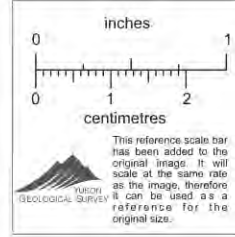
(VIEW AZIMUTH = 42 DEGREES)

ELEV: 1316 591950E ; 905145N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 92.3 Z = 1316.2

SECTION NAME: OON



DDH: FAGA115 -- 132 DEGREE PROFILE

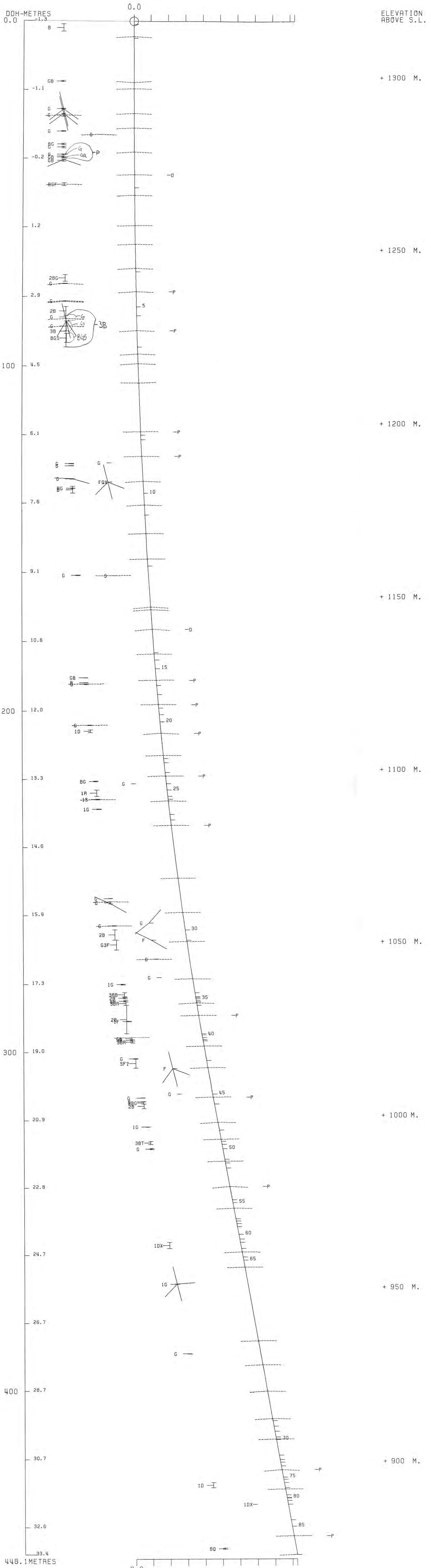
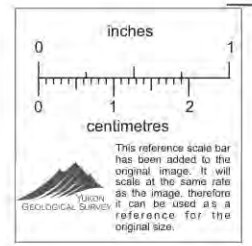
(VIEW AZIMUTH = 42 DEGREES)

ELEV: 1316 591950E ; 905145N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 92.3 Z = 1316.2

SECTION NAME: D0N



DDH: FAGA084 -- 132 DEGREE PROFILE

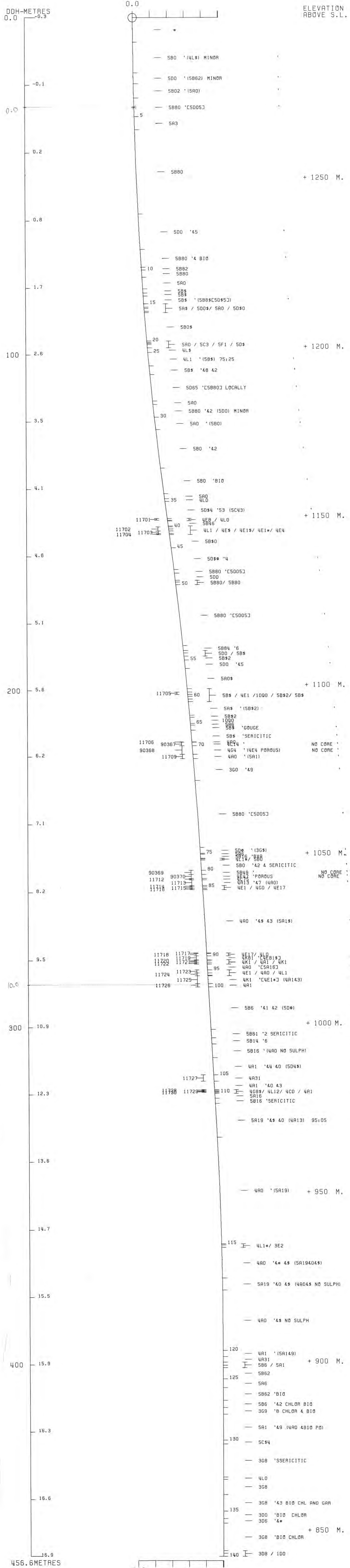
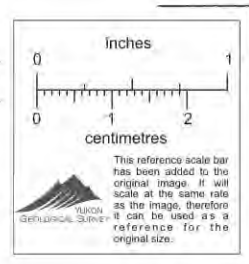
(VIEW AZIMUTH = 42 DEGREES)

ELEV:1297 592129E ; 904984N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 332.9 Z = 1297.3

SECTION NAME: OON



DDH: FAGA084 -- 132 DEGREE PROFILE

(VIEW AZIMUTH = 42 DEGREES)

ELEV: 1297 592129E ; 904984N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 332.9 Z = 1297.3

SECTION NAME: OON

