

014976

025

FAGA033

84/11/02

GRUM DATABASE - QUIZ REPORT

PAGE 1

DCH	SAMPLE	---DEPTHS---		INT M	REC X	ROCK UNIT	S.G.	CU %	PB %	ZN %	AG G/MT	AU G/MT	PO %	PY %	BAC %	PB+ZN %	PC+PY %	ZN RATIO	
		FROM	TO																
FAGAC33	91612	1C3.6	1C5.3	1.7	94	4AD4			1.08	1.56	17.1						2.64		.59
	91613	1C5.3	1C6.7	1.0	100	4AC			.35	.58	9.9						.93		.62
	91614	1C6.7	1C7.1	.8	52	4AC			.20	.11	5.1						.31		.35
	91615	1C7.1	1C7.5	.4	50	4EC			.49	.58	9.9						1.07		.54

84/11/02

GRUM DATABASE - QUIZ REPORT

PAGE 1

DCP	SAMPLE	RCCX UNIT	CPY	NCRMATIVE MINERALS - WEIGHT %					OTHER	*	CPY	NCRMATIVE MINERALS - VOLUME %					OTHER
				GA	SP	PC	PY	BAR				GA	SP	PO	PY	BAR	
FAGAC33	91012	4AD4		1.25	2.33				96.43	*							
	91013	4AQ		.40	.86				98.73	*							
	91014	4AQ		.23	.16				99.61	*							
	91015	4EC		.57	.86				98.57	*							

DRILL HOLE : FAGA033
NORTHING : 904,490.0
EASTING : 592,581.3
ELEVATION : 1,262.5
TOTAL DEPTH : 219.1
SECTION : W 56
R.F.E. : S2
PFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS CRE-SAMPLES: 4
NOS DOWN-H-SURVEYS: 4
NOS DOWN-H-LITHOLOGY: 34
NOS DOWN-H-STRUCTURE: 25
NOS DOWN-H-FAULTS: 22
NOS DOWN-H-SPLINES: 4
NOS COMPOSITES: 0

COH: FAGA053 UTM-N: 904,490.0 UTM-E: 592,581.3 UTM-ELEV: 1,762.5 TOTAL DEPTH: 219.1 SECTION: W 56
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11' 312 DHC CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
61.000	178.500	96.500
121.900	172.500	59.000
176.800	170.300	54.300

SDH: FAGAC33 UTM-N: 904,490.0 UTM-E: 592,581.3 UTM-ELEV: 1,262.5 TOTAL DEPTH: 219.1 SECTION: W 56
 RFE: S2 PFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	INC
45.9	OCC1	#	C/B GRANITE BOULDERS	0.5-	1
50.9	OCC2	#	NC CCRE - BOX EMPTY	0.5-	1
55.9	OCC3	5B83		0.5-	1
58.1	OCC4	5B90		0.5-	1
58.6	OCC5	5DC	(5B8C) [5B80]	0.5-	1
79.4	OCC6	5B90	83 83 MINOR [5B8C 83 83 MINOR]	0.5-	1
79.6	OCC7	5DC	[5B8C]	0.5-	1
87.5	OCC8	5BC	89 MINOR (5B8C) 60:40	0.5-	1
88.4	OCC9	5DC	(5B83 & BIC) 65:35	0.5-	1
98.1	OCC10	5EC	88 83 & BIC MINOR	0.5-	1
101.7	OCC11	5B63		0.5-	1
102.4	OCC12	5B26	3 (5D43) [5A63]	0.5-	1
103.6	OCC13	5B6		0.5-	1
105.6	OCC14	4A4	(4D5) 70:30	0.5-	1
107.1	OCC15	4AC		0.5-	1
107.5	OCC16	4EC	BXA (4A0)	0.5-	1
111.9	OCC17	5A6	(3G0) GOUGE	0.5-	1
134.2	OCC18	3GC	8 3 MINOR	0.5-	1
141.1	OCC19	3G93	(3G3) 75:25	0.5-	1
142.3	OCC20	3G93	[3F90]	0.5-	1
156.3	OCC21	3G93	CALC-SILICATY [3F9 CALC-SIL]	0.5-	1
161.4	OCC22	3GC		0.5-	1
162.7	OCC23	1000		0.5-	1
164.2	OCC24	3G90		0.5-	1
166.8	OCC25	3G93	CALC-SILICATY [3G9 (3F9)]	0.5-	1
169.4	OCC26	3GC	8 9 CALC-SILICATY BIC	0.5-	1
173.2	OCC27	3G93	CALC-SILICATY BIC	0.5-	1
199.5	OCC28	3G90	83 MINOR & CALC-SILICATY & BIC	0.5-	1
200.8	OCC29	3GC		0.5-	1
203.7	OCC30	3G93	8 CALC-SILICATY (3F0) 90:10	0.5-	1
207.8	OCC31	3GC	83 CALC-SILICATY BIC	0.5-	1
209.7	OCC32	3G93	CALC-SILICATY & BIC	0.5-	1
215.5	OCC33	3G90	CALC-SILICATY	0.5-	1
219.1	OCC34	3GC	CALC-SILICATY BIC	0.5-	1

GDH: FAGAC33 UTM-N: 904,490.0 UTM-E: 592,581.3 UTM-ELEV: 1,262.5 TOTAL DEPTH: 219.1 SECTION: W 56
 RFE: S2 RFE DIF: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

GDH	F DEPTH	T DEPTH	FEAT	SYTRY	S0 ANGLE	DIRECT	S1 ANGLE	DIRECT	S2 ANGLE	DIRECT	RFE	CDE	DHDC	SDC	PROCESS
FAGAC33	0.C	52.7	CS2		C	C	0	C	73	230	C		1	1	1
FAGAC33	0.C	58.9	CS2		C	C	0	C	65	230	C		1	1	1
FAGAC33	0.C	68.9	CS2		C	C	0	C	69	230	C		1	1	1
FAGAC33	0.C	75.5	CS2		C	C	0	C	68	230	C		1	1	1
FAGAC33	0.C	85.9	CS2		C	C	0	C	75	230	C		1	1	1
FAGAC33	0.C	91.7	CS2		C	C	0	C	76	230	C		1	1	1
FAGAC33	0.C	97.5	CS2		C	C	0	C	67	230	C		1	1	1
FAGAC33	0.C	115.6	PS2		C	C	0	C	55	230	C		1	1	1
FAGAC33	0.C	124.6	PS2		C	C	0	C	68	230	C		1	1	1
FAGAC33	0.C	127.4	PS2		C	C	0	C	70	230	C		1	1	1
FAGAC33	0.C	135.0	PS2		C	C	0	C	70	230	C		1	1	1
FAGAC33	0.C	144.4	PS2		C	C	0	C	75	230	C		1	1	1
FAGAC33	0.C	150.5	PS2		C	C	0	C	80	230	C		1	1	1
FAGAC33	0.C	157.5	PS2		C	C	0	C	65	230	C		1	1	1
FAGAC33	0.C	163.6	PS2		C	C	0	C	85	230	C		1	1	1
FAGAC33	0.C	165.0	PS2		C	C	0	C	80	230	C		1	1	1
FAGAC33	0.C	169.6	CS2	S	C	C	0	C	85	230	C		1	1	1
FAGAC33	0.C	175.1	PS2		C	C	0	C	80	230	C		1	1	1
FAGAC33	0.C	184.2	PS2		C	C	0	C	85	230	C		1	1	1
FAGAC33	0.C	190.0	PS2		C	C	0	C	80	230	C		1	1	1
FAGAC33	0.1	194.1	PS2		C	C	0	C	85	230	C		1	1	1
FAGAC33	0.C	206.5	CS2	Z	C	C	0	C	80	230	C		1	1	1
FAGAC33	0.C	211.1	PS2		C	C	0	C	85	230	C		1	1	1
FAGAC33	0.C	217.0	PS2		C	C	0	C	73	230	C		1	1	1
FAGAC33	0.C	218.5	PS2		C	C	0	C	80	230	C		1	1	1

DDH: FAGAC33 UTM-N: 004,490.0 UTM-E: 592,581.3 UTM-ELEV: 1,267.5 TOTAL DEPTH: 219.1 SECTION: W 56
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

CD	F DEPTH	T DEPTH	F AT REC CD	PARLL	UPPER PLANE	INTERNAL PLANE	LOWER PLANE	DHD	
FAGAC33	58.6	79.4	1B		C	0	C	0	1
FAGAC33	0.0	100.8	X		C	0	C	0	1
FAGAC33	99.3	101.7	BRG		C	0	99 999	0	1
FAGAC33	102.4	103.6	3XC		C	0	C	0	1
FAGAC33	103.6	106.4	3FR		C	0	C	0	1
FAGAC33	106.4	106.7	G		0	0	C	0	1
FAGAC33	106.7	107.1	3BR		C	0	C	0	1
FAGAC33	107.1	111.9	GF		C	0	C	0	1
FAGAC33	111.9	115.2	3BR		C	0	C	0	1
FAGAC33	0.0	115.2	NP		C	0	C	0	1
FAGAC33	115.2	115.5	3B		C	0	C	0	1
FAGAC33	115.5	134.2	1B		0	0	C	0	1
FAGAC33	134.7	135.6	3B		0	0	C	0	1
FAGAC33	139.2	139.9	3B		0	0	C	0	1
FAGAC33	134.2	141.1	2B		C	0	C	0	1
FAGAC33	141.1	142.3	2BQ		0	0	C	0	1
FAGAC33	156.3	160.0	2B		0	0	C	0	1
FAGAC33	160.0	161.4	3BR		0	0	C	0	1
FAGAC33	198.7	199.5	3BR		C	0	C	0	1
FAGAC33	199.5	200.8	3B		0	0	C	0	1
FAGAC33	200.8	201.7	2B		0	0	C	0	1
FAGAC33	201.7	202.9	3BR		C	0	C	0	1

26SEP84 GRUM

DOWN-HOLE SPLINES (DMO20)

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DDH: FAGAC33 UTM-N: 904,490.0 UTM-E: 592,581.3 UTM-ELEV: 1,262.5 TOTAL DEPTH: 219.1 SECTION: W 56
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH SFGMENT NOS CCND INDICATOR

FAGAC33	1	2
FAGAC33	2	2
FAGAC33	3	2
FAGAC33	4	1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: FAGA 033

Fabric Orientation Diagram:

Project: Vangoria Plateau Releg

Location: Vangoria Plateau 56W GRUM

Claim: HANK 4 FRACTION

Terr. Plane
Co-ords.: 6904 490.0 N

592 551.3 E

Grid
Co-ords.: 56+03W / 2+00S

-90°

All symmetry determinations looking

NW with 52 dipping

Elevation: 1262.5m

SW with dip azimuth 230.

Total Depth: 719 feet = 219.2m

Purpose: _____

Logged by: LCP

Date(s) Logged: July 13 - July 15 / 84

Drilling Contractor:	Core:	Size	From	To	Collar Cased and Capped:
	<u>NA</u>		<u>0</u>	<u>157'</u>	
	<u>BW</u>		<u>157'</u>	<u>169'</u>	
	<u>BQ</u>		<u>169'</u>	<u>718'</u>	

*Overburden
0.0 - 50.9 metres*

Started: Aug 29 / 74 Completed: Sept 6 / 74

DDH F.A.G.A.033
2 8

Diamond Drill Core Log

Date: _____ Logged By: _____

Code	Drillhole	Elevation		Northing		Easting		Units (feet/metres)		R.F.E		
		8	10	16	17	24	25	32	34	39	41	42
T	F.A.G.A.033	1262.0	59044.9	01.0	592591.0	3				512		

Code	Drillhole	Depth		Zenith Angle		True Azimuth		Comments			
		8	10	14	22	26	28		32	34	56
R	F.A.G.A.033		100		180	0	0		AT COLLAR		
R	F.A.G.A.033		161		178	5	196	5	CALCULATED FROM		
R	F.A.G.A.033		121		172	5	159	0	F.A.G.A. 1110		
R	F.A.G.A.033		176		170	3	154	3	F.A.G.A. 1109		

metres

Code	Drillhole	Comments, Errant Remarks, Snivellings and / or Lewd Suggestions

Feet

DDH F.A.G.A.O.33
² ₈
 FAGA033

Cyprus Anvil Mining Corp.
 Lithologic Log

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Date: July 13/84 Logged By: KCP

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	11510	11514.0		1	#1	Overburden Drilled granitic boulders from Anvil Batholith
L	11514.0	11617.0		2	#1	No core, box empty
L	11617.0	11813.5		3	5B813	Medium greenish grey, soft to moderately soft, calcareous phyllite. Well developed microlithous texture with greenish chloritic laminae separating grey grt-calcite bands. Unit contains abundant 1-3cm thick blue-grey, med olive marble bands. S ₂ folia are creamy green to silvery - no good grey micaceous/phyllitic laminae. Core generally intact w/ a few minor rubbly zones. Recovery OK
L	11813.5	11910.8		4	5B1810	Medium greenish grey, soft to moderately soft, calcareous phyllite. Excellent microlithous texture. Phyllitic matrix has distinct green (pale) cast. Lacks the blue grey marble of the last unit #3 (167-183.5). Core intact - recovery OK
L	11910.8	11912.5		5	5B1919 (5B820) [5B820]	Pale olive green, calcareous, soft phyllite. S ₂ folia are pale greenish cream. Upper part of interval homogeneous. Lower part has well developed microlithous texture with grt-calcite laminae/bands. Core intact - recovery OK

Code	From		To		Recov.	No.	Unit	Description		
	10	14	16	20					22	24
L	11912	5	121607	7		16	5B180	±3 ± \$ minor [5B08 ±3 ± \$ minor] Med to pale greenish grey, moderately soft, calcareous phyllite. Excellent microlithon texture with qtz-calcite bands in a chloritic green to greenish grey matrix. S ₂ folia creamy green through silvery to locally grey. Minor intervals w/ tan-weathering dolomite in glass bands ±3 for local intervals w/ blue-grey, med siliceous marble bands. Borderline fence sitting lithology between 5B08 & 5B00. Core intact to mod. broken - Recovery OK - No major faults		
L	121607		121612	2		17	5D10	[5B00] Pale olive green, moderately soft to soft, calcareous phyllite. Contains microlithon texture with pale tan-weathering calcite bands. Colour suggests 5D / lithous suggest possibly 5B0. Core intact - recovery OK		
L	121612		121872	2		18	5B10	(5B80) ± \$ minor 60:40 Medium grey, moderately soft, calcareous phyllite. Contains interbands which are pale greenish grey (5B00). Excellent microlithon texture w/ qtz-calcite bands. Short interval at 274' has tan-weathering dolomite rather than calcite - probably related to abundant fractures at same interval. S ₂ folia range from creamy green, through silvery, to good 5B0 steel grey. Proportions difficult to tell. Core intact - recovery OK		
L	121872		121903	3		19	5D10	(5B03 ± bio) 65:35 Homogenous, medium olive green, calcareous chloritic phyllite. Contains qtz-calcite-chlorite vein. Core intact. Centre of interval is pale greenish grey, microlithoned, calcareous, chloritic phyllite. (287.8 - 289.0) Minor blue grey marble bands in 5B0 - some biotite as selvages to the marble bands.		

Code	From	To	Recov.	No.	Unit	Description
I	10 14 16 20 22 24 26 28 30 34 35					
L	129103	131220		110	151B101	± 8 ± 8 ± bio minor Medium grey to greenish grey, moderately soft, calcareous phyllite. Excellent to moderate microlithic texture developed by ppt-calcite bands. Minor biotite as selvages to some carbonate fractures. Short interval at 309 dolomitic - probably related to fractures at that interval. Unit steers back & forth between good grey 5B0 and greenish 5B00 Core intact - recovery OK
L	131220	131319		111	151B101	Medium grey, fair-weathering, moderately soft to soft, dolomitic phyllite. Generally P52 foliated. S ₂ folia are silvery to grey. Unit intact 322-326 / 326-EOT S ₂ disrupted, interval broken w/ short intervals of S ₂ foliaform rubble & gouge, fault bre at 331.
L	131319	131316		112	151B1216	‡ (5D4 ‡) [5A6 ‡] Dark grey to black, moderately hard, carbonaceous phyllite with thin rusty- tan weathering dolomitic bands. Two very small intervals of 5D4* - one w/ a spot of fuchsite. 5D4 ‡ contacts are fracture / small fault controlled. Unit heavily fractured with small scale displacement along fractures. Core intact & recovery OK
L	131316	131402		113	151B161	Medium grey, moderately hard, P52 foliated, noncalcareous phyllite. Minor disseminated py along fractures. Unit heavily fractured. Core intact

Code	From		To		Recov.	No.	Unit	Description		
	10	14	16	20					22	24
L	13410	2	13416	7		114	14A14	(4D5) 70:30 Typical 4A texture w/ fine-grained grey bands separated by carbonaceous laminae and with gte-sulphide bands. Disseminated reddish brown sphalerite. Py content varies w/ some short intervals being "flooded" by fine py. locally some sections are pale grey to whitish (possible bleaching of 4A to form 4D5). Estimated total sulphides 15% with py = sphal. Core split. Appeared to be originally very broken and rubblely.		
L	13416	7	13511	6		115	14A101	Similar to Unit # 14 (340.5-346.7) only no sphalerite. Estimated py content x 10-15%. Core split. Originally very broken & rubblely. Bottom 2.3 ft (349.3-351.6) is IND gauge		
L	13511	6	13530	0		116	14E101	BXA (4A0) Clasts of 4A and massive py in py matrix. Clast size generally up to 2cm across. Core split. Appears to be originally very broken and rubblely.		
L	13530	0	13673	3		117	15A161	(360) Gauge Gauge & broken core consisting of interbedded noncalcareous, dark grey to black carbonaceous phyllite and medium grey, noncalcareous phyllite. Some fragments of rusty-weathering gte veins. One small portion of gauge is massive fine-grained py (4E0?). Gauge is IND Good candidate for Doal lake fault Recovery generally seems OK through this interval.		

check assays

455.5

DDH F.A.G.A.O.3.3
2 8Cyprus Anvil Mining Corp.
Lithologic LogPage 7 of Date: July 12/89 Logged By: LCP

Code	From		To		Recov.		No.		Unit		Description
	10	14	16	20	22	24	26	28	30	34	
L	13167	3	44105	5					118	1316101	±\$ minor Medium grey to dark grey, soft, noncalcareous, PSE foliated phyllite. Banded in shades of grey. Contains rusty-tan weathering intervals up to 10cm thick which are slightly calcareous - dolomitic? Correlates favourably with phyllite at interval 456'-497' in DDH F.A.G.A.O.5.D. TOI-378 core very broken & rubblely w/ minor Ind gauge - recovery OK / 378 drillers note sand - estimate about 3 feet of rd core / 378-379 core very broken - recovery OK / 379-EOI core mod. broken to intact - recovery OK
L	141410	5	141630	0					119	13161913	(3G \$) 75:25 Dark grey to black, moderately soft, PSE foliated phyllite. Contains bands which are slightly lighter grey - calcareous since react moderately to 10% HCl. Contacts of these zones/bands diffuse-gradational. Interbedded with medium grey, soft, phyllite w/ diffuse tan-brown weathering dolomitic bands (same as previous Unit # 18 (367.3-440.5 ft)) Core mod. broken except interval 442'-445' which is very broken. Recovery OK. 457'-459' also mod to very broken - recovery OK
L	141613	0	141670	0					120	13161913	[3F90] Dark grey to black, moderately hard, carbonaceous phyllite w/ diffuse bands of med-blk grey carbonaceous marble or very calcareous carbonaceous phyllite. Banding on scale 1-5cm. Minor calc-silicates observed locally. Core moderately to very broken - locally fracture running along core-axis (qtz-calcite). Recovery OK

Banding on a
scale of 2-5 feet

Code	From				To				Recov.	No.	Unit	Description
	10	14	16	20	22	24	26	28				
L	14	16	17	20						121	31G193	calc-silicatey [3F9 calc silicatey] Dark grey to black, moderately hard, PS ₂ foliated, carbonaceous phyllite Contains numerous med-dk grey bands of phyllitic (argillaceous) marble Bands on scale 1-10 cm locally carbonate-rich bands weather tan-brown but still react well to HCl. Some intervals have well developed actinolite (? med. green) and biotite. Very locally have excellent microcline texture. Py fills scuttling fractures. Po as irregular flattened porphs in S ₂ . Core intact except for minor broken zones
L	15	16	17	19						122	31G101	Medium grey, noncalcareous, PS ₂ -foliated phyllite. Soft to moderately soft Minor interbeds of more granular quartz siltstones (?) up to 2cm thick weathers rusty brown along PS ₂ folia. Core was broken TOI-525/ 525-EOT very broken to rubble. Recovery appears OK
L	15	16	17	19						123	1101A10	Intact - Recovery OK
L	15	16	17	19						124	31G1910	Moderately hard, dark grey to black, noncalcareous, carbonaceous phyllite PS ₂ foliated. Irregular, disseminated po porphs elongate in S ₂ Core intact
L	15	16	17	19						125	31G1913	calc silicatey [3G9 - (3F9)] Dk grey to black, med. hard to med soft, calcareous, carbonaceous phyllite Contains med-dk grey interbeds up to 5-10cm thick which are very calcareous Abundant actinolite (med. green) & some biotite in many calcareous bands. Po > py porphyroblasts. Core intact. Consistently

Code	From				To				Recov.		No.		Unit	Description
	10	14	16	20	22	24	26	28	30	34	35			
L	1514	173	1515	160							1216	1316101	± 9 calc-silicaty bio Med. gray, moderately soft, noncalcareous phyllite. Contains abundant medium green actinolite (?) and lesser brown biotite. Both P _{S2} foliated and preserving excellent microlithons. Contains thin dark gray to black P _{S2} stripes probably representing pressure solution. Core intact Po porphyroblasts irregular-flattened in S ₂ folia.	
L	1515	160	1516	185							1217	1316191	3 calc silicaty bio Dark gray to black, moderately hard, carbonaceous phyllite. Contains interbands of med-dk gray, argillaceous, carbonaceous marble. Also green calcareous bands with green actinolite and lesser biotite. Both P _{S2} foliated (dominant) & with microlithons (lesser) Po > py porphs. Core intact	
L	1516	185	1615	148							1218	13161910	± 3 minor ± calc-silicaty ± bio Dark gray to black, moderately soft to moderately hard, carbonaceous phyllite. Contains interbands of med dark gray green siltstone (?) & green bands locally calcareous and/or calc-silicaty w/ actinolite. Lesser biotite associated w/ actinolite. Predominantly po porphs. Both P _{S2} foliated & locally preserving microlithons. Core intact TOI-652' 652-EOI very broken to rubble - no core loss - no major fault	
L	1615	148	1615	190							1219	1316101	Med gray to med dark gray, noncalcareous, soft phyllite. Both P _{S2} foliated & locally preserving microlithons. Rusty weathering along P _{S2} folia - thin streaks. Core med to very broken - recovery OK	

Consistently
exhibits
"dolomite
flash"

Core	From	To	Recov.	No.	Unit	Description
1	10 14 16	20 22 24	26 28	30 34 35		
L	1615190	1616185		1310	131G193	(3FO) 90:10 calc-silicaty Dark grey to black, moderately soft to moderately hard, calcareous, carbonaceous phyllite. Both P _{S2} foliated & microlithonced locally. Minor actinolite locally in calcareous gneiss bands. Contains interbands of med grey, finely xline marble. TOI-662 core mod. broken / 662-666 very broken to locally rubble / 666-EOT intact
L	1616185	1618120		1311	131G101	±3 calc silicaty bio Medium grey, moderately hard with minor calcareous interbands. Numerous gneiss interbands. Well developed green actinolite + brown biotite generally disseminated in more gneiss bands. Commonly has microlithon texture. P ₀ irregular - elongate in S ₂ folia. Core intact
L	1618120	1618180		1312	131G193	calc silicaty ± bio Dark grey to black, moderately hard, P _{S2} foliated carbonaceous phyllite. Contains interbands of med to med dk grey marble. Also has bands rich in actinolite ± biotite. Commonly calc-silicate associated w/ qtz - locally looks like amphibole has bluish aspect. Calc-silicates also disseminated in calcareous bands. Core intact. P ₀ porph.
L	1618180	1710173		1313	131G1910	calc silicaty Dark grey, moderately hard, noncalcareous carbonaceous phyllite with abundant gneiss interbands. Gneiss bands contain disseminated actinolite - biotite not observed. P _{S2} striped w/ carbonaceous bands between lighter more gneiss bands. P ₀ porph irregular & elongate in S ₂ . Core intact.

707. 25 Weathers w/ greenish yellow splotches in S₂ apparently related to po weathering

DDH F.A.G.A.03.3
 2 8

Cyprus Anvil Mining Corp.
 Lithologic Log

Page 11 of

Date: July 15/84 Logged By: KCP

Code	From		To		Recov.		No.		Unit		Description
	10	14	16	20	22	24	26	28	30	34	
L	17073		17190				1314			131610	calc silicatey bio Medium grey, moderately soft, non-calcareous phyllite. P ₂ foliated w/ slightly darker micaceous stripes between more phasic bands Biotite and actinolite disseminated in more phasic bands. Minor po graphs elongate in S ₂ Core intact
											EDH

Code	From		To		Feature	SYM	S ₀		S ₁		S ₂		Description
	10	14	16	20			Dip	Direct.	Dip	Direct.	Dip	Direct.	
S			1,73	0	CS ₂						73		
S			1,93	0	CS ₂						65		
S			2,26	0	CS ₂						68		
S			2,48	0	CS ₂						68		
S			2,82	0	CS ₂						75		
S			3,01	0	CS ₂						76		
S			3,20	0	CS ₂						67		
S			3,79	5	P, S ₂						55		
S			4,09	0	P, S ₂						68		47/045 = CS _N
S			4,18	0	P, S ₂						70		41/045 = CS _N
S			4,53		P, S ₂						70		
S			4,74		P, S ₂						75		
S			4,94		P, S ₂						80		60/340 = CS _N
S			5,17		P, S ₂						65		
S			5,37		P, S ₂						85		45/180 = CS _N
S			5,41	5	P, S ₂						80		
S			5,56	5	CS ₂ S						85		
S			5,74	5	P, S ₂						80		
S			6,04	5	P, S ₂						85		
S			6,23	5	P, S ₂						80		
S			6,37		P, S ₂						85		
S			6,77	5	CS ₂ Z						80		
S			6,92	5	P, S ₂						85		
S			7,12		P, S ₂						73		CS _N = 70/100
S			7,17		P, S ₂						80		
													EOH

FEET

DDH F.A.G.A.O. 3.3
2 8

Cyprus Anvil Mining Corp.

Page 13 of _____

Structural Log

Date: July 19/84 Logged By: LCP

Code	From		To		Feature	E of S ₀	S ₀		S ₁		S ₂		Description
	10	14	16	20			Dip Direct.	Dip Direct.	Dip Direct.	28	32	34	
F	119	25	1216	107	11B1								mod broken to intact / rec OK
F	1312	160	1313	139	81RIG			919	919				broken w/ short intervals rubble & gouge / S ₂ foliaform
F			1313	110	XI								fault box
F	1313	61	1314	102	31XIQ								unit heavily fractured
F	1314	102	1314	193	31BIR								v. broken & rubble
F	1314	193	1315	101	G1								INO gouge
F	1315	101	1315	116	31BIR								v. broken & rubble
F	1315	116	1316	173	GFI								INO gouge / rec OK
F	1316	173	1317	180	31BIR								v. broken & rubble
F			1317	180	NIA								SAND / 3' NO CORE
F	1317	180	1317	190	31B								v. broken / rec OK
F	1317	190	1414	105	11B								mod broken to intact / rec OK
F	1414	105	1416	130	21B								mod broken
F	1414	120	1414	150	31B								v. broken / rec OK
F	1415	170	1415	190	31B								v. broken / rec OK
F	1416	130	1416	170	21BQ								mod to v. broken / fracture along core axis
F	1511	130	1512	150	21B								mod broken
F	1512	150	1512	196	31BIR								v. broken to rubble / rec OK
F	1615	120	1615	148	31BIR								v. broken to rubble / rec OK
F	1615	148	1615	190	31B1								mod to v. broken
F	1615	190	1616	120	21B1								mod broken
F	1616	120	1616	160	31BIR								v. broken to locally rubble
													EOH

DOAL LAKE
QUANT →

Feet

DDH FAGA033 Cyprus Anvil Mining Corp

CODE	FROM		TO		SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
	10	14 16 20	22 26 28 30	32 34 36 40 42					
P	13402	13455	9/16/12	153	534AD4				
P	13455	13490	9/16/13	135	1354A10				
P	13490	13516	9/16/14	126	194AO				} intervals in lith log adjusted to make the assay intervals
P	13516	13530	9/16/15	114	1084EO				

DIAMOND DRILL RECORD

LOGGED BY Fred Chow

PROPERTY Vangorda - Kerr Addison - AEX - Joint Venture

D.D.H. No. A - 33 PAGE 1 of 4

LATITUDE 10 27S 72N BEARING OF HOLE _____

STARTED Aug. 29/74 D.S. _____

CLAIM No. HANK 4 FRACTION

DEPARTURE 7824.24 E DIP OF HOLE - 90°

COMPLETED Sept. 6/74 D.S. _____

DIRECTION AND DISTANCE FROM _____

ELEVATION 663' P.A. Topog

Proposed:

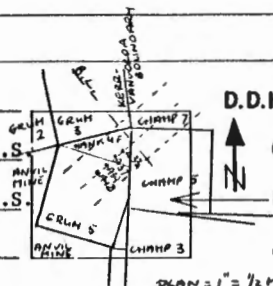
NE. CLAIM POST _____

ELEVATION 4136' A.S.L. DIP TESTS _____

DEPTH Ultimate: 718'

HOLE SIZE: 0-157' NQ, 157-169' BW, 169-718' BQ

(218.85m)



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	50.90 167	OVERBURDEN - mainly granitic boulders to 154', probably sand + maybe fine gravel from 154-167'	.6/15 23/139 0/13		0	15											
167	99.35 303	QUARTZ-SERICITE PHYLLITE. Light "dirty" grey, striped by quartzose bands, often kinky. Rock siliceous - 80-85% quartz-feldspar. Highly folded, F ₁ prominent, F ₂ well defined. Negligible sulphides. A few slips, tension cracks not numerous but continuous through section nearly always at 90° to foliation. Core angle 60° at 167-303'	44/47 17/20 7.6/8 60/61		167	214											
303	316 96.3	QUARTZ-SERICITE PHYLLITE. As above section but brown-grey from about 1-5% brown mica. Core angles: 70° at 304'; 65° at 306'; 55° at 307'; 60° at 309'; 70° at 311'; 60° at 320'; 70° at 323'	13/13		303	316											
316	331 100.3	QUARTZ-SERICITE PHYLLITE. As 154-303' but slightly altered, many tension cracks 70-90° to foliation. Shear at 327.5-331' with quartz and feldspar(?) breccia. Core angles: 60° at 320'; 70° at 323'; 75° at 325'; 55° at 327'; 40° at 329'	9.8/10 4.5/5		316	326											
331	340.2 103.7	QUARTZ-SERICITE-GRAPHITE PHYLLITE. "Dirty" grey sericite with section (333-335.2') of slightly graphitic phyllite. Altered with many fractures. Bleached sericite at 340-340.4'. Sheared at 331.5-333' at 30° to core. Core angles: 65° at 333'; 75° at 334-339'; 40° at 340'	9.2/9.2		331	340.2											
340.2	353 105.6	SULPHIDE ZONE IN QUARTZ-GRAPHITE PHYLLITE. Banded sulphides in quartzose graphite phyllite. Average 8-10% pyrite. 340.2 - 344.5' 3 lead, 6 zinc 349.0' 1 lead, 2-5 zinc 351.6' 1-2 lead-zinc, sheared, gouge and breccia 353.0' 0.5 lead zinc, sheaved, gouge and breccia Core angle: 55° at 340.5'; 60° at 342'; 40° at 343'; 65° at 344'; 75° at 347.5'	5.3 3.5 1.9 .8	576 577 578 579	340.2 345.5 349 351.6	345.5 349 353	1.6 3.5 2.6 1.4 0.4 12.3	1.08 .35 .20 .49	1.56 .58 .11 .58	.50 .29 .15 .29				13.98 3.25 .80 1.49	PbZn - - - - - -		
					340.2	353.0	12.3	1.52	PbZn				19.52	PbZn			

75° at 347.5'

225.5 353.0 7.5 0.79

5.54

DIAMOND DRILL RECORD

LOGGED BY Fred Chow

PROPERTY Vangorda - Kerr Addison - AEX - Joint Venture

D.D.H. No. A - 33 PAGE 1 of 4

LATITUDE 10 27.72 N 2400 S BEARING OF HOLE _____

STARTED Aug. 29/74 D.S.

CLAIM No. HANK 4 FRACTION

DEPARTURE 7074.24 E 56103 DIP OF HOLE - 90°

COMPLETED Sept. 6/74 D.S.

DIRECTION AND DISTANCE FROM

ELEVATION 663' P.A. Topog

Proposed:
DEPTH Ultimate: 718'

NE. CLAIM POST

ELEVATION 4136' A.S.L.

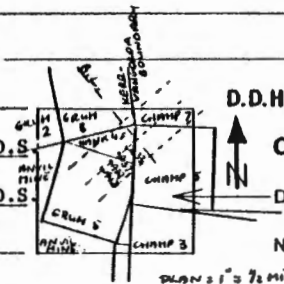
DIP TESTS _____

DEPTH Ultimate: 718'

(1373.24 m)

HOLE SIZE: 0-157' NQ, 157-169' BW, 169-718' BQ

(218.85 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	50.90 167	OVERBURDEN - mainly granitic boulders to 154', probably sand + maybe fine gravel from 154-167'	.6/15 23/139 0/13		0	15													
167	92.35 303	QUARTZ-SERICITE PHYLITE. Light "dirty" grey, striped by quartzose bands, often kinky. Rock siliceous - 80-85% quartz-feldspar. Highly folded, F ₁ prominent, F ₂ well defined. Negligible sulphides. A few slips, tension cracks not numerous but continuous through section nearly always at 90° to foliation. Core angle 60° at 167-303'	44/47 17/20 7.6/8 60/61		167	214													
303	316 96.5	QUARTZ-SERICITE PHYLITE. As above section but brown-grey from about 1-5% brown mica. Core angles: 70° at 304'; 65° at 306'; 55° at 307'; 60° at 309'; 70° at 311'; 60° at 320'; 70° at 323'	13/13		303	316													
316	331 100.9	QUARTZ-SERICITE PHYLITE. As 154-303' but slightly altered, many tension cracks 70-90° to foliation. Shear at 327.5-331' with quartz and feldspar(?) breccia. Core angles: 60° at 320'; 70° at 323'; 75° at 325'; 55° at 327'; 40° at 329'	9.8/10 4.5/5		316	326													
331	340.2 103.7	QUARTZ-SERICITE-GRAPHITE PHYLITE. "Dirty" grey sericite with section (333-335.2') of slightly graphitic phyllite. Altered with many fractures. Bleached sericite at 340-340.4'. Sheared at 331.5-333' at 30° to core. Core angles: 65° at 333'; 75° at 334-339'; 40° at 340'	9.2/9.2		331	340.2													
340.2	353 105.6	SULPHIDE ZONE IN QUARTZ-GRAPHITE PHYLITE. Banded sulphides in quartzose graphite phyllite. Average 8-10% pyrite. 340.2 - 344.5' 3 lead, 6 zinc 349.0' 1 lead, 2-5 zinc 351.6' 1-2 lead-zinc, sheared, gouge and breccia 353.0' 0.5 lead zinc, sheaved, gouge and breccia Core angle: 55° at 340.5'; 60° at 342'; 40° at 343'; 65° at 344' 75° at 347.5'	5.3 3.5 1.9 .8	576 577 578 579	340.2 345.5 349 351.6	345.5 349 351.6	5.3 3.5 2.6 1.4 0.4	1.08 .35 .20 .49	1.56 .58 .11 .58	.50 .29 .15 .29									
					340.2	353.0	12.3	1.52											

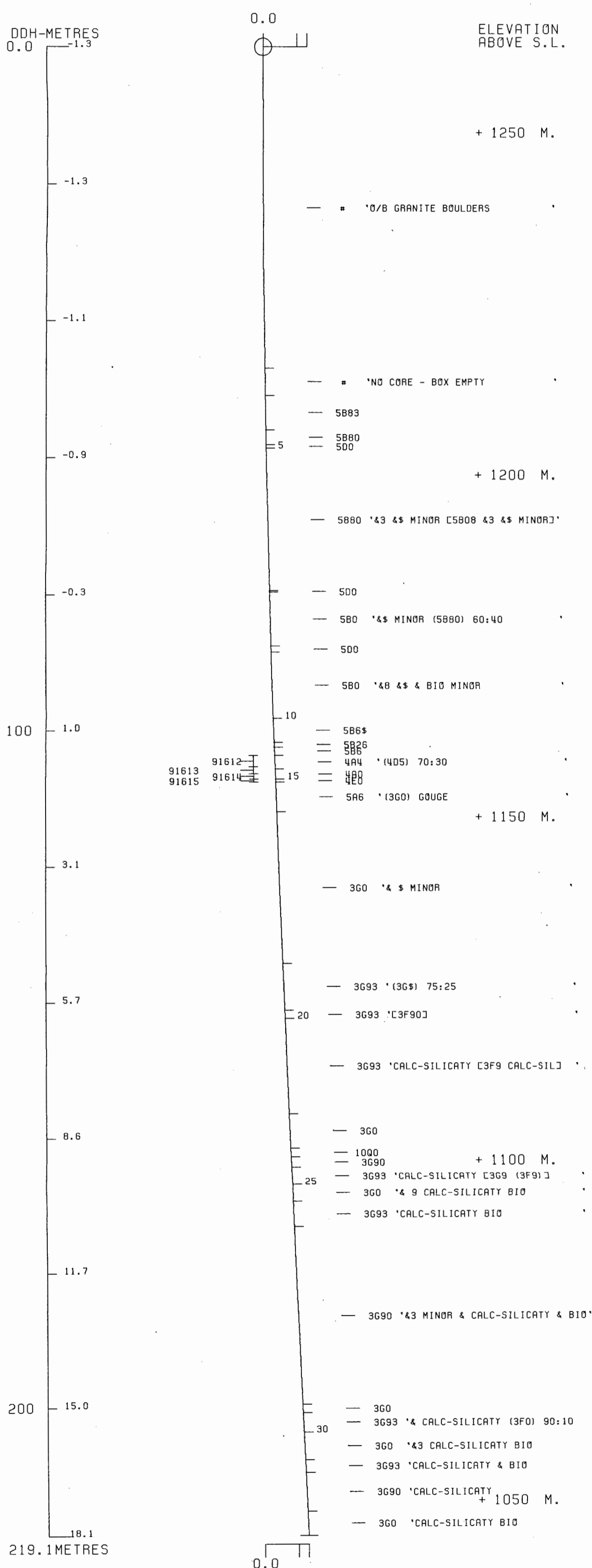
75° at 347.5'

345.5 353.0 7.5 0.74

5.54

DDH: FAGA033 -- 132 DEGREE PROFILE (VIEW AZIMUTH = 42 DEGREES)

ELEV: 1263 592581E ; 904490N
 PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2
 CORRECTED COLLAR POSITION: X = 1000.3 Z = 1262.5
 SECTION NAME: 02S



DDH: FAGA033 -- 132 DEGREE PROFILE

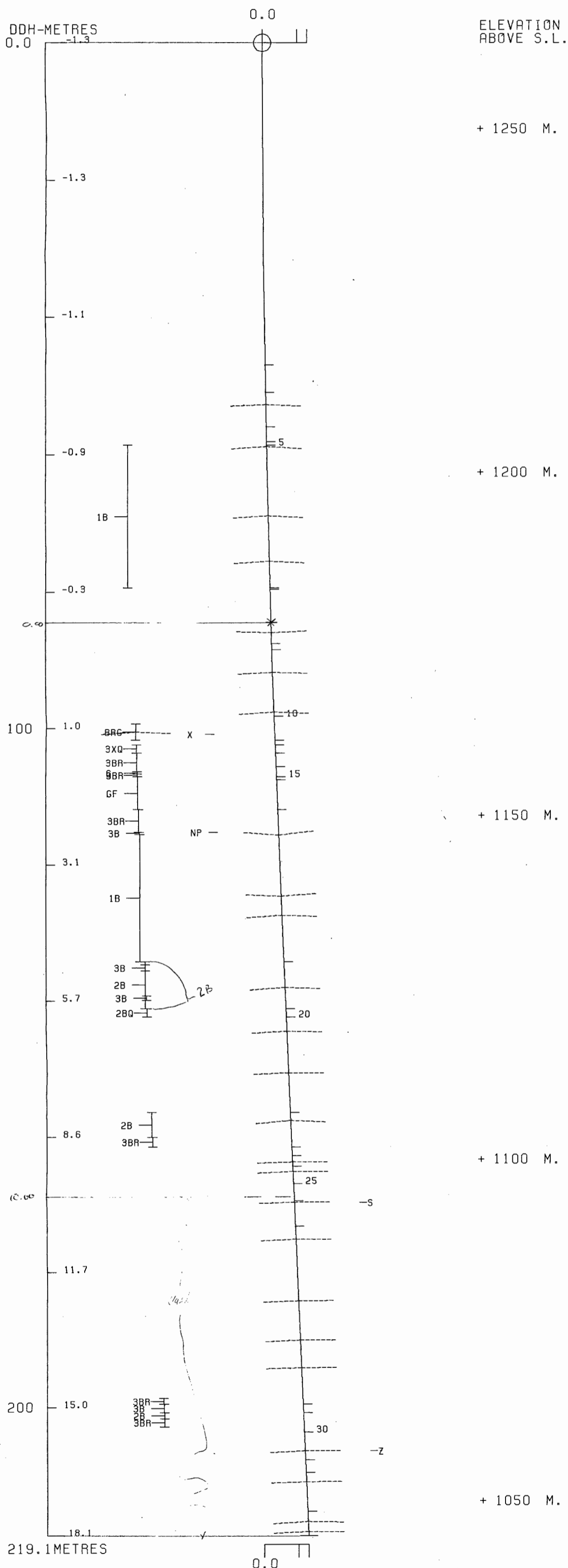
(VIEW AZIMUTH = 42 DEGREES)

ELEV: 1263 592581E ; 904490N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 1000.3 Z = 1262.5

SECTION NAME: 025



FAGA035

DRILL HOLE : FAGA035
NORTHING : 904,977.4
EASTING : 592,042.6
ELEVATION : 1,303.1
TOTAL DEPTH : 389.8
SECTION : W 80
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 0

DETAIL RECORD COUNTS:

NOS ORE-SAMPLES: 35
NOS DOWN-H-SURVEYS: 6
NOS DOWN-H-LITHOLOGY: 79
NOS DOWN-H-STRUCTURE: 99
NOS DOWN-H-FAULTS: 19
NOS DOWN-H-SPLINES: 6
NOS COMPOSITES: 0

14 JUL 83 GNDM

ORE SAMPLES & ASSAYS (00020)

PAGE: 30

DDH: FAGA035 UTM-N: 904,977.4 UTM-E: 592,042.6 UTM-ELEV: 1,303.1 TOTAL DEPTH: 389.8 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	-----ASSAYS-----													
FROM	TO				S.G. PULP	CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %
323.0	323.6		.6	.6			1.10	1.18		23.30								
330.3	342.6		12.3	11.7	2.84	.13	.92	1.19	15.39	2.43	.49	2	7	9				
343.2	361.3		18.1	17.6	2.62	.14	1.04	1.36	18.49	3.97	.53	1	11	13				
364.8	368.2		3.4	3.0	4.10	.23	1.44	1.66	33.94		.29	15	19	34				

14JUL83 GRUM

DOWN-HOLE SURVEYS (DHO20)

PAGE: 31

DOH: FAGA035 UTM-N: 904,977.4 UTM-E: 592,042.6 UTM-ELEV: 1,303.1 TOTAL DEPTH: 389.8 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	43.000
243.300	174.600	64.000
353.600	176.400	94.000

DDH: FAGA035 UTM-N: 904,977.4 UTM-E: 592,042.6 UTM-ELEV: 1,303.1 TOTAL DEPTH: 389.8 SECTION: W 80
 PFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 0

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
4.3	0001	#		0.0	1
5.2	0002	500		0.0	1
11.5	0003	5#2	(504*) MINOR	0.0	1
32.9	0004	580	(500)	0.5-	1
37.8	0005	5320	(500)	0.5-	1
38.5	0006	5810		0.0	1
39.2	0007	5880		0.0	1
47.7	0008	5320		0.0	1
48.9	0009	500		0.5-	1
51.4	0010	580		0.0	1
55.1	0011	503		0.5-	1
67.7	0012	580		0.0	1
72.7	0013	5A0		0.0	1
74.4	0014	500	(580)	0.5-	1
77.0	0015	5880		0.0	1
78.4	0016	5A09		0.0	1
83.2	0017	5880		0.0	1
90.6	0018	500		0.0	1
105.1	0019	530	86 82	0.0	1
106.5	0020	5A0	(1000)	0.0	1
110.7	0021	530	(1000)	0.0	1
111.6	0022	500	84	0.0	1
115.2	0023	5A0	86	0.0	1
117.4	0024	580	(5A0) 80:20	0.0	1
118.3	0025	500		0.5-	1
126.0	0026	580		0.0	1
132.4	0027	5820		0.5-	1
134.7	0028	5043	(5043)	0.5-	1
139.0	0029	5825	86 (5043) 90:10 MARKER	0.5-	1
140.2	0030	1020		0.5-	1
141.5	0031	5043		0.5-	1
158.4	0032	3093	(5A0)(3093)	0.5-	1
158.8	0033	4L2		0.0	1
163.3	0034	4E4#	80 86? 88 LOCALLY POROUS	0.5-	1
164.0	0035	502		0.5-	1
166.0	0036	450#		0.5-	1
167.2	0037	502	39 MINOR	0.5-	1
168.4	0038	454	3#	0.5-	1
169.6	0039	4L14		0.0	1
171.5	0040	4064	(4E4)	0.5-	1
172.5	0041	4L4		0.0	1
173.0	0042	3093		0.5-	1
178.5	0043	585		0.5-	1
183.5	0044	580		0.5-	1
217.0	0045	530	8388 (50083)	0.5-	1
221.6	0046	500		0.5-	1
231.3	0047	580	(5880)(500)	0.5-	1
234.3	0048	500		0.5-	1
237.2	0049	5880		0.5-	1
240.9	0050	500	(5380)	0.5-	1
285.0	0051	500	(500)(5880) BOTH MINOR	0.5-	1

14 JUL 83 GRUM

DOWN-HOLE LITHOLOGY (DH020)

PAGE: 33

DDH: FAGA035 UTM-N: 904,977.4 UTM-E: 592,042.6 UTM-ELEV: 1,303.1 TOTAL DEPTH: 389.8 SECTION: W 80
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 0

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
285.6	0052	5B48		0.5-	1
286.1	0053	4L4		0.5-	1
290.2	0054	4A30	->4D LOC ALLY	0.5-	1
292.8	0055	5B62	[3G9]	0.5-	1
313.0	0056	3G9	83 88 ->5A0 LOCALLY	0.5-	1
318.8	0057	3G93	->5A0 LOCALLY	0.5-	1
325.6	0058	3G9	83 88 ->5A0 LOCALLY	0.5-	1
325.9	0059	4E0		0.5-	1
330.4	0060	5A9	(4E0) MINOR	0.5-	1
331.1	0061	4C8		0.5-	1
331.9	0062	4E88		0.5-	1
336.6	0063	4A0		0.5-	1
339.5	0064	4D0		0.5-	1
342.7	0065	4A10	7 (5C84)	0.5-	1
343.3	0066	5C84		0.5-	1
344.1	0067	4A0	3# ->4C0 TOWARD END	0.5-	1
345.5	0068	4D48	(4L0)	0.5-	1
348.8	0069	4D4*	6 (4A0) (5D4*)	0.5-	1
356.3	0070	4A10		0.5-	1
357.5	0071	4D88	8# 867	0.5-	1
361.2	0072	4A10	(4C0)	0.5-	1
364.8	0073	5A19	[4A0]	0.5-	1
367.0	0074	4H8	(4E0) (4L0) MINOR	0.5-	1
368.3	0075	4H8	BXA	0.5-	1
375.7	0076	5A0	88	0.5-	1
377.5	0077	3G9		0.5-	1
385.0	0078	5A6	80	0.5-	1
389.8	0079	3G9		0.5-	1

DDH: FAGA035 UTM-N: 904,977.4 UTM-E: 592,042.6 UTM-ELEV: 1,303.1 TOTAL DEPTH: 389.8 SECTION: W. 80
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 0

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE DIRECT	S1 ANGLE DIRECT	S2 ANGLE DIRECT	RFE	CDE	DHDC	SDC	PROCESS
FAGA035	0.0	7.5	CS2		0	0	69	230	C	1	0	0
FAGA035	0.0	12.9	CS2		0	0	78	230	0	1	0	0
FAGA035	0.0	19.1	CS2		0	0	75	230	0	1	0	0
FAGA035	4.3	21.2	CS2	S	0	0	0	0	0	1	0	0
FAGA035	0.0	24.4	CS2		0	0	69	230	C	1	0	0
FAGA035	21.2	25.9	CS2	Z	0	0	0	0	C	1	0	0
FAGA035	0.0	30.5	CS2		0	0	65	230	C	1	0	0
FAGA035	25.9	31.6	CS2	S	0	0	C	0	C	1	0	0
FAGA035	31.6	32.1	CS2	Z	0	0	0	0	0	1	0	0
FAGA035	0.0	37.7	CS2		0	0	71	230	C	1	0	0
FAGA035	0.0	45.9	CS2		0	0	62	230	C	1	0	0
FAGA035	0.0	51.5	CS2		0	0	75	230	0	1	0	0
FAGA035	0.0	57.7	CS2		0	0	74	230	0	1	0	0
FAGA035	0.0	63.8	CS2		0	0	72	230	0	1	0	0
FAGA035	0.0	70.3	CS2		0	0	80	230	0	1	0	0
FAGA035	0.0	76.0	CS2		0	0	78	230	0	1	0	0
FAGA035	0.0	82.3	CS2		0	0	76	230	0	1	0	0
FAGA035	32.1	84.6	CS2	S	0	0	0	0	C	1	0	0
FAGA035	84.6	85.8	CS2	Z	0	0	0	0	0	1	0	0
FAGA035	0.0	89.3	CS2		0	0	80	230	0	1	0	0
FAGA035	0.0	95.6	CS2		0	0	80	230	0	1	0	0
FAGA035	0.0	101.8	CS2		0	0	74	230	C	1	0	0
FAGA035	85.6	106.7	CS2	S	0	0	0	0	0	1	0	0
FAGA035	0.0	108.0	CS2		0	0	80	230	C	1	0	0
FAGA035	106.7	112.3	CS2	D	0	0	0	0	0	1	0	0
FAGA035	0.0	112.5	CS2		0	0	75	230	C	1	0	0
FAGA035	0.0	118.2	CS2		0	0	66	230	0	1	0	0
FAGA035	0.0	124.9	CS2		0	0	78	230	C	1	0	0
FAGA035	0.0	131.4	CS2		0	0	69	230	C	1	0	0
FAGA035	112.3	136.4	CS2	S	0	0	0	0	0	1	0	0
FAGA035	0.0	137.6	CS2		0	0	68	230	C	1	0	0
FAGA035	136.4	142.0	CS2	Z	0	0	0	0	C	1	0	0
FAGA035	142.0	144.0	CS2	S	0	0	0	0	0	1	0	0
FAGA035	0.0	145.0	PS2		0	0	85	230	0	1	0	0
FAGA035	0.0	150.6	PS2		0	0	73	230	0	1	0	0
FAGA035	144.0	152.6	PS2	P	0	0	0	0	C	1	0	0
FAGA035	0.0	157.6	CS2		0	0	71	230	0	1	0	0
FAGA035	152.6	158.8	CS2	M	0	0	0	0	0	1	0	0
FAGA035	0.0	167.0	PS2		0	0	60	230	0	1	0	0
FAGA035	158.8	172.5	PS2	P	0	0	0	0	C	1	0	0
FAGA035	0.0	173.1	CS2		0	0	73	230	C	1	0	0
FAGA035	172.5	175.7	CS2	D	0	0	0	0	0	1	0	0
FAGA035	175.7	180.3	CS2	M	0	0	0	0	C	1	0	0
FAGA035	0.0	180.4	CS2		0	0	69	230	C	1	0	0
FAGA035	0.0	186.1	CS2		0	0	79	230	0	1	0	0
FAGA035	180.3	189.0	CS2	D	0	0	0	0	0	1	0	0
FAGA035	0.0	192.6	CS2		0	0	72	230	0	1	0	0
FAGA035	189.0	194.4	CS2	M	0	0	0	0	C	1	0	0
FAGA035	0.0	198.9	CS2		0	0	78	230	C	1	0	0
FAGA035	0.0	204.2	CS2		0	0	77	230	0	1	0	0
FAGA035	0.0	209.6	CS2		0	0	70	230	0	1	0	0

14JUL83 GRUM

DOWN-HOLE FAULTS (DH020)

PAGE: 36

DDH: FAGA035 UTM-N: 904,977.4 UTM-E: 592,042.6 UTM-ELEV: 1,303.1 TOTAL DEPTH: 389.8 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		
FAGAU35	34.1	34.3	S				0	0	0	3	1	
FAGA035	35.0	36.1	G				0	0	0	3	1	
FAGAC35	47.7	48.0	G				0	0	0	3	1	
FAGA035	0.0	140.9	1XQ				0	0	0	3	1	
FAGAC35	0.0	141.3	1XQ				0	0	0	3	1	
FAGA035	142.9	144.0	G				0	0	0	3	1	
FAGA035	157.1	157.2	S				0	0	0	3	1	
FAGA035	0.0	159.8	D?				0	0	0	3	1	
FAGAC35	0.0	162.2	D?				0	0	0	3	1	
FAGA035	163.9	165.8	D?				0	0	0	3	1	
FAGAC35	0.0	167.6	D?				0	0	0	3	1	
FAGA035	0.0	299.0	1XQ				0	0	0	3	1	
FAGA035	304.9	305.4	S				0	0	0	3	1	
FAGAC35	317.2	317.4	S				0	0	0	3	1	
FAGA035	330.3	331.8	DQ?				0	0	0	3	1	
FAGA035	0.0	332.1	1XQ				0	0	0	3	1	
FAGAC35	0.0	334.8	XQ?				0	0	0	3	1	
FAGAC35	0.0	336.4	XQ?				0	0	0	3	1	
FAGA035	368.5	370.9	3G	7			79	0	79	0	3	1

CYPRUS ANVIL MINING CORPORATION

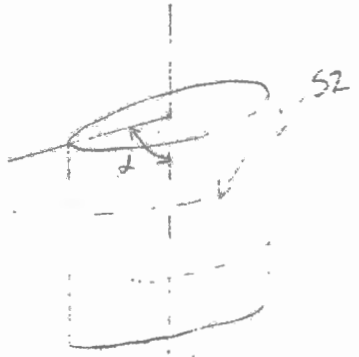
DIAMOND DRILL CORE LOG

Hole Number: 74-A035

Fabric Orientation Diagram:

Project: GRUM

Location: VANGORDA PLATEAU



Claim: _____

17M.
Terr. Plane
Co-ords.: 6,904,977.39 N

1979 HIW Survey
Co-ords.: 592,042.62 E

Grid
Co-ords.: 80W / 2S

All symmetry determinations looking

NW with S2 dipping

SW with dip azimuth 230.

1979 HIW Survey
Elevation: 1303.09

Total Depth: 1279'

Purpose: _____

RE
Logged by: PN checked by PBT

Date(s) Logged: JUNE 27 - JULY 1 / 80

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

BW 0 24

BQ 24 EOH

Started: 2/9/74 Completed: 12/9/74

Code	From	To	Unit	Code	Description
	10 14 16 20 22 23 25 27				
L	100	1140			o/s (w/ granitic boulders?)
L	1140	1170	1	5D0	w/ qtz-carbonate veins from 15.1-15.6, 16.1-17.0 ft;
L	1170	1377	12	5B12	minor py blebs; 5D0 bleached from 33.3-34.2, 36.6-37.0 ft; more chloritic from 31.0-37.7 ft; minor calcite fracture fillings & qtz-calcite lenses;
L	1377	11080	3	5B10	5D0 from 38.0-38.6, 41.0-41.6, 49.7-50.0, 50.2-50.6 ft; minor pebbles; calcite fracture fillings; numerous thin qtz bands;
L	11080	11241	14	5B12	slightly calcareous; calcite fracture fillings, also qtz-calcite lenses + qtz bands; 5D0 from 112.6-113.4, 113.7-114.7 ft; OQO 122.1-123.0 ft; 123.8-124.1 ft; checked 111.9-112.8 ft; gouge 113.2-113.6 ft;
L	11241	11264	15	5B10	slightly calcareous; minor graphite;
L	11264	11285	16	5B18	very slightly calcareous; chlorite layers intercalated w/ qtz-rich layers; minor py blebs;
L	11285	11566	17	5B12	moderately to highly calcareous; calcite fracture fillings & thin calcite layers; minor qtz bands;
L	11566	11603	18	5B10	mottled, slightly calcareous; zone 156.6-157.7 ft; non-mottled 159.3-160.3 ft;
L	11603	11687	19	5B0	minor py; 5B9 1166.0-1166.7 ft (py bands); few qtz-calcite bands;
L	11687	11809	110	5D10	(5C mott) variably calcareous; highly calcareous 169.3-170.9, 171.2-172.0, 180-180.9 ft; elsewhere noduliferous calcareous; few qtz-calcite veins & lenses; mottled w/ thin bands of calcite & sericite 170.2-170.9 ft; more massive & friable 170.9-172.2 ft; mottled 172.2-179 ft, 180-180.9 ft;
L	11809	12120	111	5B10	minor pebbles, calcite fracture fillings, qtz-chlorite veins;
L	12120	12384	112	5A10	OQO 235.5-236.7 ft; other minor qtz-calcite veins present;
L	12384	12440	113	5D10	5B0 240.2-240.7 ft; few thin qtz-calcite veins;
L	12440	12512	114	5B18	highly calcareous; minor pebbles; few thin qtz veins;
L	12512	12573	115	5A10	w/ thin bands of qtz-calcite-py intercalated w/ graphite;
L	12573	12893	116	5B18	highly calcareous; minor pebbles assoc. w/ qtz lenses; highly sericitic 272.4-273.0 ft;
L	12893	12973	117	5D10	minor pebbles, qtz-calcite veins;

Code	From		To		Unit		Code		Description
	10	14	16	20	22	23	25	27	
L	12917	3	131414	7	18		5B10		non-calcareous 316.2-316.9 ft; graphite from 319.0-322.0 ft, 322.5-326.2 ft; bt-seriate rich SBO from 326.2-327.2 ft; seriate-rich SBO 328.1-328.6 ft; 330.9-332.4 ft; SDO 329.4-330.5 ft; minor py stringers;
L	131414	7	131419	3	19		5A10		(090) w/ calcite blebs from 345.1-346.0 ft.; minor gtz vein at 346.5 ft.;
L	131419	3	131613	1	20		5B10		minor po blebs; (090) 359.6-361.1 ft.;
L	131613	1	131616	1	21		5D10		seriate-rich from 363.5-364.6 ft.;
L	131616	1	131717	9	22		5A10		non-calcareous from 370.3-371.4 ft.; less graphite above 369.8 (382)
L	131717	9	131815	1	23		5B10		5A0 from 378.5-379.2 ft.; bt-seriate rich SBO from 381.9-383.7 ft.;
L	131815	1	131818	0	24		5B10		mottled w/ thin chlorite & seriate layers; minor calcite blebs;
L	131818	0	14113	4	25		5B10		5A0 from 402.4-403.6; minor chlorite bands & gtz veins; few po, py blebs;
L	14113	4	141314	3	26		5B12		minor py & po blebs; highly calcareous; (50mott) slightly calcareous; mottled from 435.1-436.3, 438-439 ft.; few graphite bands at 439.7 ft.; gtz veins from 440.6-441.0 ft.;
L	141314	3	141411	8	27		5D10		slightly calcareous; minor py blebs; 4L1 from 449.4-450.4 ft, 453.0-454.0 ft; 5D0 slightly calcareous from 450.6-452.7 ft.;
L	141411	8	141516	0	28		5B2		slightly calcareous; minor py blebs; 4L1 from 449.4-450.4 ft, 453.0-454.0 ft; 5D0 slightly calcareous from 450.6-452.7 ft.;
L	141516	0	141610	1	29		0190		minor SBO at 459.0 ft.;
L	141610	1	141614	3	30		5D10		slightly calcareous; w/ manganese; 090 from 460.9-461.5 ft.; brecciated calcite vein (?) from 462.3-463.7-463.5-464.0 ft.;
L	141614	3	151119	7	31		5A10		spurge from 469.0-472.6 ft.; sheared 515.5-516.0 ft.; 090 from 501.5-502.7; 503.5-503.8; 511.6-512.0 ft.; minor gtz-calcite veins; very slightly calcareous intermittent 5B2 bands; minor py, po blebs; (enc. calc. for 100 g of 100)
L	151119	7	151211	0	32		4L2		w/ diss. py lamens;
L	151211	0	151315	6	33		4E14		calcareous from 522.4-535.6 ft (perhaps minor barite present); minor black mt specks; brecciated py from 524.1-524.4; 532.2-532.4 ft.; highly porous at

504*
580
5B20
5D4*
5C4*
B2*
090
5C4*
3893(SAO)
3893
4L2
→

Code	From	To	Unit	Code	Description	
	10	14	16	20	22 23 25 27	
						532.7, 534-535.4 ft, 5% PbZn; red sph;
5D*ank	L 15356	15379	34	5D10	slightly calcareous; mottled from 536.4 - 537.9 ft; minor layers alternating w/ quartz layers;	
→	L 15379	15414	35	4G14	*highly calcareous from 537.9-539.4, 542.3-543.6 calcite-qtz lenses, almost a brecciated texture w/ sulphide clasts; slightly calcareous elsewhere; abundant mt from 540.0-540.8 ft; 10% PbZn; honey-colored sph;	
5D*ank	L 15414	15418	36	5D10	slightly calcareous; minor py, ps assoc. w/ calcite lenses; iron oxide staining; minor malposite	
	L 15418	15524	37	4G14	*slightly calcareous; calcite fracture fillings; 10% PbZn; honey-colored sph; lesser gal 0.1m bx @ 550 feet.	
	L 15524	15564	38	4L4	2% PbZn; red sph; glossier gal, somewhat siliceous	
	L 15564	15625	39	4D16	calcareous; 10% PbZn; red sph; lesser gal; 4E 4 from 558.1-559.6 ft;	
5G*add.	L 15626	15660	40	4L10	1% PbZn; minor py;	
	L 15660	15676	41	5A10	minor qtz bands	
B*add 567.6-585.5	L 15676	16102	42	5B10	variably calcareous from 567.6-584.9; highly calcareous from 584.9-602.0 ft; calcite fracture fillings; minor qtz veins; minor py;	
5D0 585.5-602.0	L 16102	17112	43	5B18	qtz-chl-calcite veins; minor po blebs; few interbands of 5D0; minor bt at 670.0 ft.	
5D0 5D0 5D0	L 17112	17271	44	5D10	minor po blebs in qtz-calcite bands;	
5D0 5D0 5D0	L 17271	17518	45	5B18	w/ few interbands of 5D0; minor qtz veins;	
5B80	L 17518	17705	46	5D10	minor py;	
5B80	L 17705	17718	47	5B18		
5B80	L 17718	17910	48	5D10	grades into next unit of 5B8	
5B80 5D0 5D0	L 17910	19370	49	5B18	minor qtz-calcite veins; minor py; calcareous from 801.1-801.5, 805.5-805.9 ft; less calcite from 801.7-812.0, 861.8-864.8 ft; 0.00 903.9-904.4 ft; biotite 924-931.0 ft; sericite-rich w/ bt 931.5-937 ft; non calcareous from 935.1-937.0 ft; = 5B4*ckl.	
5B4* 935.1-937.0	L 19370	19386	50	4L4	12% PbZn; red sph; lesser gal; minor py, few mt spe!;	
	L 19386	19520	51	4A3	inequigranular PbZn (<1%); few scattered sericite clasts; 945.2-946.5 approaching AD	
5B2 [369]	L 19520	19610	52	5B2	non calcareous (5B26); minor py in thin qtz veins;	

minor 5A
all cuts

DDH 7.4 - A.C.35

2

8

Lithologic Log

Code	From		To		Unit	Code	Description
	10	14	16	20			
L	916.0	6	918.4	6	5B	5A10	slightly calcareous; more siliceous from 972.7 ft. downwards minor py; qtz veins w/ 5A fragments 980.7-981.7 ft.
L	918.4	6	919.5	5	54	5B2	minor py blebs assoc. w/ qtz-calcite veins ± fracture fillings;
L	919.5	5	1016.8	3	55	5A10	w/ minor 5B2 interlayers; variably calcareous (slightly to moderately); light brown, altered. 5D6 from 1012.6-1013.7, 1014.4-1014.6 ft; opq from 1018.2- 1018.5, 1022.3-1022.6 ft; minor py, py blebs; sheared 1000.4-1002.0 ft, 1041.0-1041.5 ft;
L	1016.8	3	1018.3	9	516	5A19	4E0, slightly calcareous from 1068.3-1069.3 ft, 1072.0-1073.0 ft; 4E0 1081.4-1082.1 ft; minor py, py lesser PbZn (1%)
L	1018.3	9	1018.8	8	517	4D4 B, 4L0	(1083.9-1086.3) brk. 4E0 ^{do} (1086.3-1088.2) 203 dolo. 203 dolo. + calcite box fill.
L	1018.8	8	1111.4	4	518	4A10	calcareous fracture fillings; 2% PbZn; red sph ^{bx 1083.8} silica
L	1111.4	4	1111.3	7	519	4C10	less than 1% PbZn; ((7.5% PbZn on line 3; 1098.6' circle box #1104')
L	1111.3	7	1112.9	0	610	4A10	2% PbZn; red sph; large py blebs ± stripes; altered 5D0 ^{SC mot.} w/ maniposit from 1119.8-1120.3, 1124.0-1126.0 ft; minor qtz blebs in qtz veins;
L	1112.9	0	1113.2	0	611	4D14	*5% PbZn; slightly calcareous; perhaps minor
L	1113.2	0	1113.7	8	612	4L4	4A0 1133.5-1134.7 ft; 4% PbZn; 1136.1-1137.5 ft. calcareous 4G4 with 5% PbZn (honey coloured sph);
L	1113.7	8	1116.8	9	613	4A11	2% PbZn Silicous.
L	1116.8	9	1117.2	8	614	4D8	*Dolo frac. filling laminae of m. grains poss. oolite/bamfocalite at 1170 → endoconite
L	1117.2	8	1119.6	9	615	4A10	1% PbZn; 1180-1181.0 ft. 4C0;
L	1119.6	9	1201.6	4	616	4L7	slightly calcareous; 2% PbZn
L	1201.6	4	1201.8	2	617	4K7	minor qtz
L	1201.8	2	1277.9	0	618	5A10	minor qtz veins; variably calcareous; less calcareous 1262.2-1279 ft; minor py; grades into and out of 5B2 throughout. Major gouge 1209.0 -1217' upper/lower 1/5z
			E0111				

G9
0.6-1027
G93
27-1044
G93±*d
1065.3
EO
65.3-1073
←
→
NB
dander
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st
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364
32.6-1238
5A6±0
1234-1263
364
1263.0-1279

DDH 74A0035
2 8

Cyprus Anvil Mining Corp.

Page 7 of 14

ADDENDUM

Lithologic Log

Date: July 31/81

Logged By: RST

Code	From	To	Recov.	No.	Unit	Description						
1	10	14	16	20	22	24	26	28	30	34	35	
	11,113	7	11,124	2					60	4A,1,4	7	(5C* ⁴ mbv) ^{ank} . 5C* ⁴ mbv(0.4')/120' incipient fuchsite qtz vein (0.6') 1122' shampk. cub. 4A is calcareous po in veins 1121-1122
	11,124	2	11,126	2					60	5C* ⁴ A		mbv. ank. incipient fuchsite bx. h. cub. 70' loca. sb/52
	11,126	2	11,129	0					60	4A,4		upper 0.5 feet calcareous graphitic! next 0.6' approaching 4C lower 1' > 58PbZn.
	11,129	0	11,133	5					61	A,DA,*	(4L0)	dolomitic laminae and minor c's 1132-1133.5 4L interbanded.
	11,133	5	11,137	8					62	A,D,4,*	6	(4A0) 4A graphitic over 1 st bed. 1139.6 thin band 5D4* ank. last 1.5' minor barite in ground mass tho' appearance is 4C; is siliceous.
	11,172	8	11,185	0					65	4A,1	40	Siliceous pyritic 4A thin graphitic laminae 1180-1181 h/c
	11,185	0	11,196	9					65	5A,1,9	[4A0]	Very graphitic 4A approaching 5A. bxd qtz vein 1196.3 (0.5') Not solid b/c K.A. 1190 msu po in vein 1" wide.
	11,196	9	1,204	0					66	4H,*	(4E0,4L0)	msu po with minor ank. clots. 1200-1202 4E0 lower cub of 4E .4' of 4L.
	1,204	0	1,208	2					67	4K,7		msu po with large ank. frags (40%) at 1202 grades into vein.
	1,208	2	1,279	0					68	5A,3		variably calcareous minor SBZ's. Gouge zone 1209-1217 (6 feet Rec); 1246-1247 gouge of E vein.

Structural Log

Code	From		To		Feature	E/S	S ₁		S ₂		Description
	10	14	16	20			22	24	26	28	
S											0-14 ft. 0/B
S				1245	CS12				69	2310	
S				423	CS12				78	2310	
S				1627	CS12				75	2310	
S				1695	F2E						Z Sym. 69.5-85.0 ft;
S				1810	CS12				69	2310	
S				1850	F23						S sym 85.0-103.7 ft. min Z sym at 96.9 ft;
S				11010	CS12				65	2310	
S				110137	F2E						Z sym. 103.7-105.2 ft;
S				110152	F23						S Sym. 105.2-277.7 ft; min D region at 120.7, 125.4, 127.6, 149.5, 215.2, 218.9, 230.3, 244.9 & 272.3 ft; min Z sym at 120.4, 234.3, 251.0 ft; F4 at 130.6; S3 at 226.3 & 249.5 ft;
S				11237	CS12				71	2310	
S				115107	CS12				62	2310	
S				11689	CS12				75	2310	
S				11892	CS12				74	2310	
S				12093	CS12				72	2310	
S				12310	CS12				810	2310	
S				12493	CS12				78	2310	
S				12710	CS12				76	2310	
S				12777	F2E						Z sym. 277.7-281.4 ft;
S				12814	F23						S sym 281.4-350 ft; min D region at 289.9, 307.7 ft; S3 = 299.8 ft; min Z sym at 304.8 ft;
S				12930	CS12				810	2310	
S				13136	CS12				810	2310	
S				13341	CS12				74	2310	
S				13510	F2S						D region 350.0-368.6 ft;
S				13544	CS12				810	2310	
S				13686	F2D						S sym. 368.6-447.6 ft; F4 at 373.3, 395.7, 398.5 & 411.8; min Z sym at 409.6 & 433.6 ft; D =

Structural Log

Code	From		To		Feature	E/S	S ₁		S ₂		Description	
	10	14	16	20			22	24	26	28		32
												at 431.9, 434.5 ft; min P region from 391.0-392.7 ft;
S					316A	1	CS	2		75	2310	
S					31877		CS	2		66	2310	
S					41094		CS	2		78	2310	
S					4311		CS	2		69	2310	
S					4476		FZ	E				Z sym 447.6-465.9 ft;
S					45115		CS	2		68	2310	
S					46159		FZ	B				S sym 465.9-472.6 ft; P region 472.6-500.5 ft;
S					4726		FZ	S				
S					4756		PS	2		85	2310	
S					49140		PS	2		73	2310	
S					5005		FZ	P				M region 500.5-521.0 ft; Z/S = 2/1; few min P regions;
S					5171		CS	2		71	2310	
S					5210		FZ	M				R region 521-566.0 ft; massive sulphides;
S					5480		PS	2		60	2310	
S					5660		FZ	R				D region 566.0-576.5 ft;
S					5679		CS	2		73	2310	
S					5765		FZ	D				M region 576.5-591.4 ft; S/Z = 1/1; min D at 583.4 ft;
S					5914		FZ	M				D region 591.4-620.2 ft; min S sym at 605.4, 607.3 ft;
S					5917		CS	2		69	2310	
S					61105		CS	2		79	2310	
S					6202		FZ	D				M region 620.2-637.8 ft; S/Z = 3/1;
S					6320		CS	2		72	2310	
S					6378		FZ	M				D region 637.8-702.4 ft; min S ≠ Z regions; # at 671.9 ≠ 672.6 ft;
S					6524		CS	2		78	2310	
S					66198		CS	2		77	2310	
S					68176		CS	2		70	2310	
S					71024		FZ	D				S sym 702.4-732.0 ft; F4 at 705.8 ft; D regions at 710.9, 711.7,

Structural Log

Code	From		To		Feature	SYM	S ₁		S ₂		Description
	10	14 16	20	22 24 26 28			Dip	Direct.	Dip	Direct.	
											726.2 ft;
S			71055		C512				718	230	
S			7242		C512				718	230	
S			7320		F2S						D region 732+741.7 ft; min S sym at 736.8, 740.5 ft;
S			74117		F2D						S sym. 741.7 - 752.0 ft; min z sym at 748.5 ft; D at 747.5 ft;
S			7463		C512				715	230	
S			7520		F2S						D region 752.0 - 755.5 ft; S3 at 751.5 ft;
S			7555		F2D						S sym. 755.5 - 774.4 ft; F4 at 772.6 ft;
S			7665		C512				812	230	
S			7744		F2S						P region 774.4 - 776.5 ft;
S			7765		F2P						S sym 776.5 - 1068.3 ft; D at 776.7, 803.3, 810.5, 823.8, 833.0, 868.8, 877.1, 883.9, 888.1, 972.3, 974.0, 1036.6 * 1042.2 ft; F4 at 805.3, 818.4, 822.2, 835.2, 838.3, 850.6, 856.2, 858.2 * 885.8 ft; z sym at 790.9, 970.2, 997.9, 985.2, 896.6, * 1042.8 ft; S3 at 818.5 * 866.2 ft;
S			78113		C512				813	230	
S			80114		C512				719	230	
S			8119		C512				810	230	
S			8426		C512				810	230	
S			86118		C512				812	230	
S			8832		C612				716	230	
S			9033		C512				718	230	
S			9201		C512				815	230	
S			9355		C512				69	230	
S			9576		C512				76	230	
S			9765		C512				718	230	
S			9933		C512				72	230	
S			10114		C512				710	230	
S			10322		C612				77	230	

ASSAY LOG (SAMPLER'S COPY)

Date July 31/81

Sampled by _____

Feet

CODE	FROM		TO		SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION			
	10	14	18	20						22	26	28
P	1521	0	1526	0	87010	50	50	4E4*				
P	1526	0	1531	0	87091	50	50	4E4*				
P	1531	0	1535	6	87092	46	40	4E4*				
	1537	9	1544	7	87013	68	65	4G4				
P	1548	5	1552	4	87094	39	39	4G4				
P	1552	4	1556	4	87095	40	40	4L4				
P	1556	4	1562	5	87096	61	57	4D64	(4E4)			
P	1562	6	1566	0	87097	44	31	4L0				
P	1937	0	1938	6	87098	16	13	4L4				
P	1938	6	1945	2	87099	66	53	4A3				
P	1945	2	1952	0	87110	68	50	4A3				
P	11083	9	11086	3	87111	24	24	4D48	(4L0)			
P	11086	3	11088	8	87112	25	20	4E*8				
P	11088	8	11095	0	87113	62	62	4A4				
P	11095	0	11101	0	87114	60	58	4A4				
P	11101	0	11107	0	87115	60	60	4A4				
P	11107	0	11111	4	87116	44	35	4A4				
P	11111	4	11113	7	87117	23	23	4C0				
P	11113	7	11119	0	87118	53	53	4A14	7(5C4*)			
P	11119	0	1124	2	87119	52	44	4A1A	7(5C4*)			
P	1126	2	1129	0	8720	28	28	4A4				
P	1129	0	1133	5	8721	45	42	4D4*	(4L0)			
P	1133	5	1137	8	8722	43	43	4D4*	6(4A0)			
P	1137	8	1144	0	8723	62	62	4A1				
P	1144	0	1150	0	8724	60	55	4A1				
P	1150	0	1156	0	8725	60	60	4A1				
P	1156	0	1162	0	8726	60	60	4A1				
P	1162	0	1168	9	8727	69	69	4A1				
P	1168	9	1172	8	8728	39	30	4D8*				
P	1172	8	1179	2	8729	64	64	4A1				
P	1179	2	1185	6	8730	64	64	4A1	(4C0)			

CODE	FROM			TO			SAMPLE				INTR.		REC (m)		UNIT		DESCRIPTION		
	1	10	14	16	20	22	26	28	30	32	34	36	40	42					
P	119	69		120	40		8.73	1		7	7				1	4	AK		
P	120	40		120	82		8.73	2		4	2		3	0		1	4	K7	
																			EOH @ 1279'

feet

Sheet list checked

DDH FAG 4035
² Feet ⁸

Cyprus Anvil Mining Corp.

Page _____ of _____

Structural Log

Date: _____ Logged By: _____

Code	From		To		Feature	E S ₁	S ₀		S ₁		S ₂		Description	
	10	14 16	20	22 24			26 28	32 34	38 40	44	Dip	Direct.		Dip
F	11119		11128		S									Sheared
F	11182		11186		G									gouge
F	11566		11577		G									gouge
F	46190		47206		G									gouge
F	51155		5140		S									sheared
F			5243		D?									bxia in 4E4*
F			5323		D?									" " "
F	101004		101020		S									sheared
F	10410		10415		S									"
F			10986		XQ?									crackle bxia
F			11040		XQ?									" "
F	12090		12170		3G	779	000				779	000		major gouge 4/1 11S2
F			4625		1XQ									
F			4638		1XQ									
F	5380		5440		D?									
F			550		D?									
F			9810		1XQ									
F	10839		10888		D?									
F			10898		1XQ									

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. A - 35 PAGE 3 of 4

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
566	285.6 937	GREY-GREEN STRIPED QUARTZ-FELDSPAR CHLORITE-SERICITE PHYLLITE. ^{CS} Chlorite rich laminae alternate with white quartz-feldspar laminae; dominant F ₂ ; F ₁ layers locally subvertical to F ₂ . Quartz veins with green chlorite-blebs. Tension gashes with quartz-feldspar 920' Note biotite at 670, 923-931 with chlorite-sericite-quartz-feldspar. Minor pyrite, pyrrhotite. Core angles: 580=60; 600=71; 620=70; 640=70; 660=65; 680=76; 700=75; 720=67; 740=77; 760=77; 780=84; 800=75; 820=76; 840=81; 860=82; 880=85; 900=81; 920=73; 940=	98%	Wt. Av	548.0	562.6	14.7	4.00	3.78	1.06	wt. Av	58.434	55.216	24.228	
							22.7	4.01	3.94	1.06	(50:97 wt)	91.039	80.496	37.578	
937	290.2 952	SULPHIDE ZONE in sericite phyllite, and striped quartz-feldspar graphite phyllite. Pyritic bands (3-5 mm) in phyllite foliation: 40-50% sulphide pyrite, with minor sphalerite, galena, chalcopyrite, magnetite. 2-3 lead zinc. Core angle 940=74° ^{(S) P}	9/10 4/5	659 660	937 947	947 952	10 5	.83 1.25	.72 .86	.44 .53					
952	1068.1 325.6	DARK GREY BLACK, STRIPED GRAPHITIC PHYLLITE. Thin quartz-feldspar laminae. Blebs of pyrrhotite-pyrite, tension gashes locally 1039' Core angles: 960=76°; 980=66°; 1000=56°; 1020=67°; 1040=85°, 1060=87°. Note 995-1008 - 75% recovery. Rest 98% ^G		Wt. Av	937.0	952.0	15.0	1.83	PbZn						
1068.1	1083.8 330.3	STRIPED BLACK GRAPHITE PHYLLITE, with thin bands (maximum 2.5') of MASSIVE PYRITE. Minor pyrrhotite. Core 1080=62° ^{G M} $\left. \begin{array}{l} 1068.1 - 1073.4 = 5.3 \text{ PY} \\ 1076 - 1078 = 2.0 \text{ PY} \\ 1081.5 - 1083.8 = 2.3 \text{ PY} \end{array} \right\} = 25\% \text{ sulph?}$	53/53	661	1068.1	1073.4	5.3	.13	.06	.15					
				2/2	662	1076	1078	2.0	1.10	1.18	.68				
						1078	1081.5								
1083.8	367.9 1207	SULPHIDE ZONE in GREY RIBBON LIKE. Quartz-feldspar GRAPHITIC and GREY PHYLLITES. Fracture filling - white tetrahedral carbonate? Mineralization: Mainly fine grained disseminated pyrite with lesser pyrrhotite, sphalerite, galena and magnetite concentrated in F ₁ layers. 10% sulphide in quartz-feldspar ribbon phyllite. Massive pyritic sulphide bands at: 1111-13.6 pyrite (40%) sphalerite, galena, chalcopyrite (tension ^{G I} $1083.8 - 1111 = 10\% \text{ PY}$	23/23 44/44	663 664	1081.5	1083.8	2.3 4.4	.20 1.23	.14 1.02	.03 .56					
				98/98	665	1088.2	1098	9.8	.53	.56	.29	10.68	PbZn		
				95/95	666	1098	1107.5	9.5	.75	.63	.26	13.10	PbZn		
				6/6	667	1107.5	1113.5	6.0	2.10	2.58	.77	12.60	15.48	4.62	
				62/62	668	1113.5	1119.7	6.2	1.35	2.00	.59	5.4	8.00	2.36	
						1119.7	1126.6								
				16/16	669	1126.6	1128.2	1.6	.48	.59	.32				

1113.6 - 1123 = 5 PY.

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. A - 35 PAGE 4 of 4

LATITUDE _____ BEARING OF HOLE _____

STARTED _____

CLAIM No. _____

DEPARTURE _____ DIP OF HOLE _____

COMPLETED _____

DIRECTION AND DISTANCE FROM _____

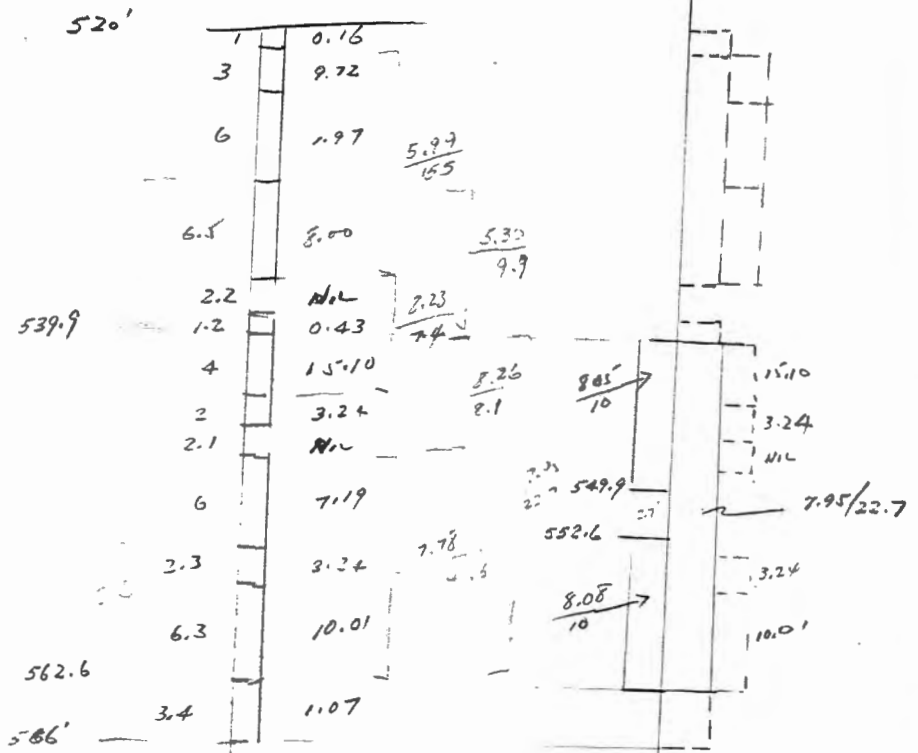
ELEVATION _____ DIP TESTS _____

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
		gashes) magnetite (1%)	98/98	670	1128.0	1128.2	.2	3.83	4.44	1.32			.76	.88	.26
		1128-1138.7 massive banded pyrite, barite, sphalerite, galena, chalcopryite, thin schist partings. <i>1138.7 - 1168.8 = 1114</i>	3/3	671	1138	1141	3	.50	.42	.29			37.53	43.51	12.94
		1168.8 - 1171.5 massive pyrite sphalerite, galena, magnetite concentrated in F ₂ folds 60% sulphide <i>1171.5 - 1185 = 1157, 1185 - 1189 = 0.54</i>	4.0	672	1141	1145	4	1.25	1.74	.44			2.76	PbZn	
		1196.8 - 1207 massive pyrite, pyrrhotite. Last 3'. Breccia with pyrrhotite, pyrite, galena (40% pyrrhotite). Circular fragments of white sulphate?? hardness 4-5 <i>1196.8 - 1207 = 10.2</i>	10/10	673	1145	1155	10	.27	.52	.18			7.96	PbZn	
		Core angles 1100=59°; 1120=67°; 1140=56°; 1160=68°; 1180=76°; 1200=65°	10/10	674	1155	1165	10	.15	.58	.15			7.30	PbZn	
		1165 - 1168 3 Weak mineralized phyllite 5% pyrite < 1 Pb Zn			1165	1168	3								
		1168 - 1168.8 0.8 Barren phyllite			1168	1168.8	0.8								
		27/27 675 1168.8 1171.5 2.7 3.75 3.90 1.35	27/27	675	1168.8	1171.5	2.7	3.75	3.90	1.35					
		35/35 676 1171.5 1175 3.5 .20 .37 .12	35/35	676	1171.5	1175	3.5	.20	.37	.12					
		10/10 677 1175 1185 10 .17 .44 .12	10/10	677	1175	1185	10	.17	.44	.12					
		52/52 678 1196.8 1202 5.2 1.80 1.60 .65	52/52	678	1196.8	1202	5.2	1.80	1.60	.65			17.68	PbZn	
		5/5 679 1202 1207 5.0 1.75 1.42 .59	5/5	679	1202	1207	5.0	1.75	1.42	.59			15.85	PbZn	
1207	389.8 1279	BLACK FINE GRAINED GRAPHITIC PHYLLITE. Phyllite has abundant fracture, tension fillings to 1247'. Minor blebs of pyrite. Note from 1260-1279 phyllite slightly less graphitic (more chlorite present) <i>G</i> Core angles: 1220=75; 1240=76; 1260=74; 1279=76	98%		1081.5	1107.5	26.0	1.32	PbZn		WT. AV.		34.46	PbZn	
					1107.5	1118.3	10.8	1.77	2.32	0.69 (2.37m)			18.0	23.48	6.98
					1107.5	1117.5	10.0	1.80	2.35	0.7	WT. AV.				
					1127.2	1138.0	10.8	3.52	4.08	1.23 (6.1m)			38.29	44.39	13.19
					1128.0	1138.0	10.0	3.83	4.44	1.32	WT. AV.				
	1279	END OF HOLE			1138.0	1165.0	27.0	1.108	PbZn		WT. AV.		29.92	PbZn	
					1171.5	1185.0	13.5	0.63	PbZn		WT. AV.				
					1186.8	1207.0	10.2	3.23	PbZn		WT. AV.		33.53	PbZn	



A-35

FAGA074

84/10/16

GRUM DATABASE - QUIZ REPORT

PAGE 1

DDH	SAMPLE	---DEPTHS---		INT M	REC X	ROCK UNIT	S.G.	CU X	PB X	ZN X	AG G/MT	AU G/MT	PO X	PY X	BAO X	PB+ZN X	PO+PY X	ZN RATIO
		FROM	TO															
FAGA074	5001	93.9	95.4	1.5	100	4L0	2.90	.25	.25	.22	9.0	.14				.47		.47
	5002	95.4	96.8	1.4	100	4CL	3.22	.25	.86	.52	16.0	.14				1.38		.38
	5003	96.8	98.2	1.4	100	4E4	3.79	.22	2.13	2.35	32.0	.55				4.48		.52
	5004	98.5	100.0	1.5	100	4C3	3.85	.20	2.83	1.02	43.0	1.85				3.85		.26
	5005	100.0	101.5	1.5	100	4C3	3.69	.24	.40	.30	17.0	.55				.70		.43
	5006	101.5	103.0	1.5	100	4C3	3.40	.33	.14	.22	14.0	.41				.36		.61
	5007	103.0	104.5	1.5	93	4C3	3.59	.40	.66	.34	21.0	1.10				1.00		.34
	5008	104.5	106.1	1.6	81	4C3	3.64	.38	.11	.13	8.0	1.44				.24		.54
	5009	106.1	107.6	1.5	100	4C3	3.91	.57	.09	.18	11.0	1.58				.27		.67
	5010	107.6	109.1	1.5	100	4C3	3.79	.40	.10	.22	11.0	1.10				.32		.69
	5011	109.1	110.6	1.5	100	4C3	3.91	.52	.14	.40	11.0	.96				.54		.74
	5012	110.6	112.2	1.6	100	4C3	3.53	.25	.10	.40	10.0	.69				.50		.80
	5013	112.2	114.3	2.1	100	4LA	3.03	.13	.12	.51	7.0	.21				.63		.81
	5014	157.1	158.7	1.6	100	4C3	3.31	.20	.75	.61	15.0	.48				1.36		.45
	5015	160.3	161.5	1.2	100	4C8	3.67	.26	2.15	2.37	30.0	.69				4.52		.52
	5016	161.5	162.9	1.4	100	4D8	3.97	.22	3.27	3.34	43.0	1.03				6.61		.51
	5017	162.9	164.3	1.4	100	4A3	3.36	.18	.23	.24	7.0	.55				.47		.51
	5018	164.3	165.5	1.2	100	4A3	3.48	.19	.14	.15	14.0	.62				.29		.52
	5019	165.5	166.7	1.2	100	4A3	3.36	.17	.17	.12	8.0	.55				.29		.41
	5020	166.7	167.9	1.2	100	4A3	3.57	.16	.06	.05	11.0	.62				.11		.45
	5021	167.9	169.2	1.3	100	4A3	3.34	.24	.14	.26	13.0	.62				.40		.65
	5022	169.2	170.4	1.2	75	4A3	3.31	.24	.18	.36	14.0	.55				.54		.67
	5023	170.4	171.3	.9	67	4A3	3.34	.16	.16	.26	11.0	.41				.42		.62
	5024	171.3	172.8	1.5	100	4L0	3.04	.09	.10	.16	7.0	.27				.26		.62
	5025	172.8	174.1	1.3	100	4L0	3.20	.14	2.08	2.22	27.0	.34				4.30		.52
	5026	174.1	175.3	1.2	100	4G4	4.07	.19	4.40	5.83	70.0	1.03				10.23		.57
	5027	175.3	176.6	1.3	100	4C3	3.47	.31	.15	.26	6.0	.69				.41		.63
	5028	178.3	179.8	1.5	100	4C3	3.41	.28	.20	.57	6.0	.48				.77		.74
	5029	179.8	181.3	1.5	100	4C3	3.63	.31	.23	.50	5.0	.48				.73		.68
	5030	181.4	183.0	1.6	100	4C3	3.81	.37	.11	.29	8.0	.55				.40		.73
	5031	183.0	184.6	1.6	100	4C3	3.50	.44	.41	.71	12.0	.69				1.12		.63
	5032	185.0	186.9	1.9	100	4C3	3.57	.11	1.43	2.61	21.0	1.17				4.04		.65
	5033	187.9	189.4	1.5	100	4A3	3.52	.31	.12	.38	12.0	.48				.50		.76
	5034	189.4	191.1	1.7	100	4A3	3.31	.18	.10	.13	9.0	.75				.23		.57
	5035	191.1	192.6	1.5	100	4A0	3.23	.15	.31	.16	11.0	.69				.47		.34
	5036	192.6	194.3	1.7	100	4A0	3.24	.18	.17	.25	9.0	.55				.42		.60
	5037	194.3	195.8	1.5	100	4A0	3.24	.12	.40	.14	13.0	.62				.54		.26
	5038	195.8	197.5	1.7	100	4A3	3.37	.17	.43	.08	17.0	.75				.51		.16
	5039	197.5	199.0	1.5	100	4A3	3.48	.28	.09	.25	12.0	.48				.34		.74
	5040	199.0	200.6	1.6	100	4A3	3.41	.22	.09	.22	8.0	.48				.31		.71
	5041	200.6	202.1	1.5	100	4A3	3.50	.27	.07	.24	9.0	.55				.31		.77
	5042	202.1	203.6	1.5	100	4A3	3.31	.18	.40	.18	12.0	.75				.58		.31
	5043	203.6	205.1	1.5	100	4A3	3.44	.21	.21	.19	11.0	.48				.40		.48
	5044	205.1	206.7	1.6	69	4A4	3.79	.20	2.69	2.98	40.0	.62				5.67		.53
	5045	206.7	208.2	1.5	100	4A3	3.33	.18	.28	.15	11.0	.75				.43		.35
	5046	208.2	209.7	1.5	100	4A3	3.32	.24	.27	.23	10.0	.55				.50		.46
	5047	209.7	210.9	1.2	100	4A0	3.25	.15	.50	.74	12.0	.34				1.24		.60
	5048	210.9	212.0	1.1	100	4A4	4.37	.16	6.63	7.73	100.0	.82				14.36		.54
	5049	212.0	213.4	1.4	100	4L5	2.96	.02	.18	.18	5.0	.14				.36		.50
	5050	213.4	214.6	1.2	100	4L5	3.24	.20	1.62	1.12	23.0	.34				2.74		.41
	5101	223.3	224.8	1.5	100	4C7	3.50	.28	1.57	1.36	22.0	.07				2.93		.46
	5102	290.5	292.0	1.5	60	4C3	3.43	.02	.11	.07	5.0	.07				.18		.39
	5103	292.0	293.4	1.4	64	4C3	3.48	.01	.04	.02	4.0	.07				.06		.33

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DDH	SAMPLE	ROCK UNIT	NORMATIVE MINERALS - WEIGHT X							OTHER	*	NORMATIVE MINERALS - VOLUME X						
			CPY	GA	SP	PO	PY	BAR	CPY			GA	SP	PO	PY	BAR	OTHER	
FAGA074	5001	4L0	.72	.29	.33					98.66	*							
	5002	4CL	.72	.99	.78					97.51	*							
	5003	4E4	.64	2.46	3.50					93.40	*							
	5004	4C3	.58	3.27	1.52					94.63	*							
	5005	4C3	.69	.46	.45					98.40	*							
	5006	4C3	.95	.16	.33					98.56	*							
	5007	4C3	1.16	.76	.51					97.57	*							
	5008	4C3	1.10	.13	.19					98.58	*							
	5009	4C3	1.65	.10	.27					97.98	*							
	5010	4C3	1.16	.12	.33					98.40	*							
	5011	4C3	1.50	.16	.60					97.74	*							
	5012	4C3	.72	.12	.60					98.57	*							
	5013	4LA	.38	.14	.76					98.73	*							
	5014	4C3	.58	.87	.91					97.65	*							
	5015	4C8	.75	2.48	3.53					93.23	*							
	5016	408	.64	3.78	4.98					90.61	*							
	5017	4A3	.52	.27	.36					98.86	*							
	5018	4A3	.55	.16	.22					99.07	*							
	5019	4A3	.49	.20	.18					99.13	*							
	5020	4A3	.46	.07	.07					99.39	*							
	5021	4A3	.69	.16	.39					98.76	*							
	5022	4A3	.69	.21	.54					98.56	*							
	5023	4A3	.46	.18	.39					98.97	*							
	5024	4L0	.26	.12	.24					99.39	*							
	5025	4L0	.40	2.40	3.31					93.88	*							
	5026	4G4	.55	5.08	8.69					85.68	*							
	5027	4C3	.90	.17	.39					98.54	*							
	5028	4C3	.81	.23	.85					98.11	*							
	5029	4C3	.90	.27	.75					98.09	*							
	5030	4C3	1.07	.13	.43					98.37	*							
	5031	4C3	1.27	.47	1.06					97.20	*							
	5032	4C3	.32	1.65	3.89					94.14	*							
	5033	4A3	.90	.14	.57					98.40	*							
	5034	4A3	.52	.12	.19					99.17	*							
	5035	4A0	.43	.36	.24					98.97	*							
	5036	4A0	.52	.20	.37					98.91	*							
	5037	4A0	.35	.46	.21					98.98	*							
	5038	4A3	.49	.50	.12					98.89	*							
	5039	4A3	.81	.10	.37					98.71	*							
	5040	4A3	.64	.10	.33					98.93	*							
	5041	4A3	.78	.08	.36					98.78	*							
	5042	4A3	.52	.46	.27					98.75	*							
	5043	4A3	.61	.24	.28					98.87	*							
	5044	4A4	.58	3.11	4.44					91.87	*							
	5045	4A3	.52	.32	.22					98.93	*							
	5046	4A3	.69	.31	.34					98.65	*							
	5047	4A0	.43	.58	1.10					97.89	*							
	5048	4A4	.46	7.66	11.52					80.36	*							
	5049	4L5	.06	.21	.27					99.47	*							
	5050	4L5	.58	1.87	1.67					95.88	*							
	5101	4C7	.81	1.81	2.03					95.35	*							
	5102	4C3	.06	.13	.10					99.71	*							
	5103	4C3	.03	.03	.03					99.90	*							

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

DETAIL RECORC COUNTS:

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

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DOWN-HOLE SURVEYS (DH02C)

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

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

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

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
12.2	OCC1	#		0.5-	1
15.5	OCC2	58C	(4L0) MINCR	0.5-	1
30.3	OCC3	58C		0.5-	1
31.0	OCC4	104C		0.5-	1
43.6	OCC5	58C		0.5-	1
48.0	OCC6	58C	(4L5) SHEARED	0.5-	1
49.2	OCC7	586		0.5-	1
49.7	OCC8	58C	GCUGE	0.5-	1
52.7	OCC9	4L5		0.5-	1
93.9	OC10	580	(4L0)	0.5-	1
95.4	OC11	4L0		0.5-	1
96.0	OC12	4C0		0.5-	1
96.8	OC13	4L0		0.5-	1
98.2	OC14	4E4	8 MINOR	0.5-	1
98.5	OC15	4L3		0.5-	1
112.2	OC16	4C3	BXA [4E1 BXA]	0.5-	1
112.9	OC17	4L0	[5D4#]?	0.5-	1
114.3	OC18	4AC		0.5-	1
147.6	OC19	58C		0.5-	1
149.8	OC20	4L5	[5D4]?	0.5-	1
151.5	OC21	580		0.5-	1
157.1	OC22	4L5	[5D4]?(580)	0.5-	1
158.7	OC23	4C3		0.5-	1
160.3	OC24	58C		0.5-	1
162.9	OC25	4C8	(4D8) E.O.I.	0.5-	1
171.3	OC26	4A3		0.5-	1
174.1	OC27	4L0	(4C0)	0.5-	1
175.3	OC28	4G4		0.5-	1
176.6	OC29	4C3		0.5-	1
178.3	OC30	4L5	[5D4*]?	0.5-	1
184.6	OC31	4C3	(4L5 [5D4*]?)	0.5-	1
186.9	OC32	4C3	(4L5 [5D4*]?)	0.5-	1
187.9	OC33	4L5	[5D4*]	0.5-	1
212.0	OC34	4AC	83(4L5[5D4*]?) (4A4)CCI, EOI	0.5-	1
214.6	OC35	4L5	[5D4*]?	0.5-	1
215.4	OC36	58C		0.5-	1
223.3	OC37	50C		0.5-	1
224.8	OC38	4C7		0.5-	1
229.3	OC39	586	(4C0)	0.5-	1
236.8	OC40	5A0	(580)	0.5-	1
254.5	OC41	586		0.5-	1
258.3	OC42	5AC		0.5-	1
260.1	OC43	4CC	(580)	0.5-	1
275.5	OC44	580	(5A0) (4L0)	0.5-	1
278.6	OC45	5AC		0.5-	1
290.5	OC46	58C		0.5-	1
293.4	OC47	4C3	3 BXA [4E1 & BXA]	0.5-	1
304.1	OC48	5AC		0.5-	1
313.5	OC49	4L0		0.5-	1
315.8	OC50	5D0		0.5-	1
323.1	OC51	58C	BIO	0.5-	1

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

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	DIRECT	S1 ANGLE	DIRECT	S2 ANGLE	DIRECT	RFE	CDE	DHCC	SDC	PROCESS
FAGA074	0.0	15.4	CS2		0	C	0	0	73	230	C		1	1	1
FAGA074	12.2	16.2	CS2	S	0	C	0	C	0	0	C		1	1	1
FAGA074	0.0	17.6	PS2		0	0	0	C	64	230	C		1	1	1
FAGA074	16.2	17.7	PS2	P	C	0	0	C	0	0	C		1	1	1
FAGAC74	0.0	18.3	CS2		0	0	0	C	59	230	C		1	1	1
FAGAC74	0.0	25.0	CS2		0	C	0	C	64	230	C		1	1	1
FAGA074	17.7	30.3	CS2	S	0	0	0	C	0	0	C		1	1	1
FAGAC74	0.0	32.6	CS2		0	0	0	C	35	230	C		1	1	1
FAGAC74	0.0	38.8	CS2		0	C	0	C	60	230	C		1	1	1
FAGAC74	0.0	45.6	CS2		C	C	0	C	35	230	C		1	1	1
FAGAC74	0.0	51.5	CS2		0	C	0	C	25	230	0		1	1	1
FAGAC74	0.0	58.4	CS2		0	0	0	C	60	230	C		1	1	1
FAGAC74	0.0	63.2	CS2		0	0	0	0	55	230	C		1	1	1
FAGA074	0.0	68.4	CS2		0	0	C	0	79	230	C		1	1	1
FAGA074	0.0	74.9	CS2		C	0	0	C	60	230	C		1	1	1
FAGAC74	0.0	80.7	CS2		0	0	0	C	50	230	C		1	1	1
FAGAC74	0.0	86.1	CS2		0	0	0	0	60	230	C		1	1	1
FAGA074	0.0	91.4	CS2		0	0	0	C	60	230	C		1	1	1
FAGA074	31.0	93.9	CS2	S	C	0	0	C	0	0	C		1	1	1
FAGAC74	93.9	112.2	PS2	P	0	0	0	C	0	0	C		1	1	1
FAGA074	0.0	112.4	CS2		0	0	0	C	69	230	C		1	1	1
FAGAC74	112.2	112.9	CS2	S	0	0	0	C	0	0	C		1	1	1
FAGAC74	112.9	114.3	PS2	P	0	0	0	C	0	0	C		1	1	1
FAGAC74	0.0	118.1	CS2		0	0	0	C	67	230	0		1	1	1
FAGAC74	0.0	120.6	CS2		0	0	0	C	40	230	C		1	1	1
FAGAC74	0.0	129.0	CS2		0	0	0	C	46	230	C		1	1	1
FAGAC74	0.0	135.2	CS2		0	0	0	C	66	230	0		1	1	1
FAGAC74	0.0	140.3	CS2		0	0	0	C	69	230	C		1	1	1
FAGAC74	0.0	147.5	CS2		0	0	0	C	65	230	0		1	1	1
FAGA074	0.0	152.9	CS2		0	0	C	C	68	230	C		1	1	1
FAGAC74	0.0	157.0	CS2		0	0	0	C	77	230	C		1	1	1
FAGA074	114.3	157.1	CS2	M	0	C	0	0	0	C	C		1	1	1
FAGAC74	157.1	158.7	PS2	P	C	0	0	C	0	0	C		1	1	1
FAGA074	0.0	159.9	CS2		C	0	0	C	69	230	C		1	1	1
FAGA074	158.7	160.3	CS2	S	0	0	C	C	0	0	C		1	1	1
FAGA074	0.0	165.4	PS2		0	0	0	C	55	230	C		1	1	1
FAGAC74	160.3	176.6	PS2	P	0	0	0	C	0	0	C		1	1	1
FAGAC74	0.0	177.4	CS2		0	0	C	C	31	230	C		1	1	1
FAGAC74	176.6	178.3	CS2	S	C	0	0	C	0	0	C		1	1	1
FAGAC74	0.0	184.6	PS2		0	0	0	C	60	230	C		1	1	1
FAGA074	178.3	186.9	PS2	P	0	C	0	0	0	0	C		1	1	1
FAGA074	0.0	187.8	CS2		0	C	0	C	73	230	C		1	1	1
FAGAC74	186.9	187.9	CS2	S	0	0	0	C	0	0	C		1	1	1
FAGA074	187.9	212.0	PS2	P	0	0	0	C	0	0	C		1	1	1
FAGA074	0.0	212.2	CS2		C	C	0	C	61	230	0		1	1	1
FAGAC74	0.0	220.6	CS2		0	0	C	C	69	230	C		1	1	1
FAGAC74	220.6	223.3	CS2	S	C	0	0	C	0	0	C		1	1	1
FAGAC74	223.3	224.8	PS2	P	0	0	0	C	0	0	C		1	1	1
FAGAC74	0.0	226.0	CS2		C	C	0	C	64	230	C		1	1	1
FAGAC74	0.0	233.4	CS2		0	0	0	C	63	230	0		1	1	1
FAGAC74	224.8	233.5	CS2	S	C	0	0	C	0	0	C		1	1	1

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

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

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DOWN-HOLE FAULTS (DHO20)

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

DDH	F DEPTH	T DEPTH	FEAT	REC	CD	PARLL	UPPER PLANE	INTERNAL PLANE	LOWER PLANE	D-F-D			
FAGAC74	30.3	30.9	Q				0	0	C	C	0	0	1
FAGA074	43.5	47.9	3S				0	0	C	C	0	0	1
FAGA074	49.2	49.6	3G				0	0	C	C	0	0	1
FAGA074	60.9	63.0	G				C	0	0	C	0	0	1
FAGAC74	80.7	81.2	G				0	0	C	C	0	0	1
FAGAC74	86.2	86.5	G				0	0	C	C	0	0	1
FAGAC74	98.4	112.1	XD?				0	0	G	G	0	0	1
FAGAC74	114.3	115.8	G				0	0	C	C	0	0	1
FAGAC74	116.7	118.0	G				0	0	G	0	0	0	1
FAGA074	131.3	132.5	G				0	0	G	0	0	0	1
FAGAC74	225.7	225.8	G				0	0	C	C	0	0	1
FAGAC74	0.C	233.9	1G				0	0	C	C	0	0	1
FAGAC74	249.3	249.6	G				C	0	C	C	0	0	1
FAGA074	258.0	258.3	G				0	0	C	0	0	0	1
FAGA074	286.5	287.1	G				0	0	C	C	0	0	1
FAGA074	288.9	290.4	NP				0	0	0	0	0	0	1
FAGA074	292.6	292.9	G				0	0	C	C	0	0	1
FAGA074	290.4	293.3	XD?				0	0	C	C	0	0	1
FAGAC74	299.4	300.5	G				0	0	C	C	0	0	1
FAGA074	304.1	313.5	QXD				0	0	C	C	0	0	1

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DOWN-HOLE SPLINES (DHQ20)

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

DDH SEGMENT NOS COND INDICATOR

FAGAC74	1	2
FAGAC74	2	2
FAGA074	3	2
FAGAC74	4	2
FAGAC74	5	1

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PAGE 1

DDM	SAMPLE	---DEPTHS---		INT M	REC %	ROCK UNIT	S.G.	CU %	PB %	ZA %	AG G/MT	AU G/MT	PO %	PY %	BAO %	PB+ZN %	PO+PY %	ZN RATIO
		FROM	TO															
FAGA074	5001	93.9	95.4	1.5	100	4L0	2.9C	.25	.25	.22	9.0	.14				.47		.47
	5002	95.4	96.8	1.4	100	4C1	3.22	.25	.86	.52	16.0	.14				1.38		.38
	5003	96.8	98.2	1.4	100	4E4	3.79	.22	2.13	2.35	32.0	.55				4.48		.52
	5004	98.5	100.0	1.5	100	4C3	3.85	.20	2.83	1.02	43.0	1.85				3.85		.26
	5005	100.0	101.5	1.5	100	4C3	3.69	.24	.40	.30	17.0	.55				.70		.43
	5006	101.5	103.0	1.5	100	4C3	3.4C	.33	.14	.22	14.0	.41				.36		.61
	5007	103.0	104.5	1.5	93	4C3	3.59	.40	.66	.34	21.0	1.10				1.00		.34
	5008	104.5	106.1	1.6	81	4C3	3.64	.38	.11	.13	8.0	1.44				.24		.54
	5009	106.1	107.6	1.5	100	4C3	3.91	.57	.09	.18	11.0	1.58				.27		.67
	5010	107.6	109.1	1.5	100	4C3	3.79	.40	.10	.22	11.0	1.10				.32		.69
	5011	109.1	110.6	1.5	100	4C3	3.91	.52	.14	.40	11.0	.96				.54		.74
	5012	110.6	112.2	1.6	100	4C3	3.53	.25	.10	.40	10.0	.69				.50		.80
	5013	112.2	114.3	2.1	100	4LA	3.03	.13	.12	.51	7.0	.21				.63		.81
	5014	157.1	158.7	1.6	100	4C3	3.31	.20	.75	.61	15.0	.48				1.36		.45
	5015	160.3	161.5	1.2	100	4C8	3.67	.26	2.15	2.37	30.0	.69				4.52		.52
	5016	161.5	162.9	1.4	100	4D8	3.97	.22	3.27	3.34	43.0	1.03				6.61		.51
	5017	162.9	164.3	1.4	100	4A3	3.36	.18	.23	.24	7.0	.55				.47		.51
	5018	164.3	165.5	1.2	100	4A3	3.48	.19	.14	.15	14.0	.62				.29		.52
	5019	165.5	166.7	1.2	100	4A3	3.36	.17	.17	.12	8.0	.55				.29		.41
	5020	166.7	167.9	1.2	100	4A3	3.57	.16	.06	.05	11.0	.62				.11		.45
	5021	167.9	169.2	1.3	100	4A3	3.34	.24	.14	.26	13.0	.62				.40		.65
	5022	169.2	170.4	1.2	75	4A3	3.31	.24	.18	.36	14.0	.55				.54		.67
	5023	170.4	171.3	.9	67	4A3	3.34	.16	.16	.26	11.0	.41				.42		.62
	5024	171.3	172.8	1.5	100	4L0	3.04	.09	.10	.16	7.0	.27				.26		.62
	5025	172.8	174.1	1.3	100	4L0	3.20	.14	2.08	2.22	27.0	.34				4.30		.52
	5026	174.1	175.3	1.2	100	4G4	4.07	.19	4.40	5.83	70.0	1.03				10.23		.57
	5027	175.3	176.6	1.3	100	4C3	3.47	.31	.15	.26	6.0	.69				.41		.63
	5028	178.3	179.8	1.5	100	4C3	3.41	.28	.20	.57	6.0	.48				.77		.74
	5029	179.8	181.3	1.5	100	4C3	3.63	.31	.23	.50	5.0	.48				.73		.68
	5030	181.4	183.0	1.6	100	4C3	3.81	.37	.11	.29	8.0	.55				.40		.73
	5031	183.0	184.6	1.6	100	4C3	3.5C	.44	.41	.71	12.0	.69				1.12		.63
	5032	185.0	186.9	1.9	100	4C3	3.57	.11	1.43	2.61	21.0	1.17				4.04		.65
	5033	187.9	189.4	1.5	100	4A3	3.52	.31	.12	.38	12.0	.48				.50		.76
	5034	189.4	191.1	1.7	100	4A3	3.31	.18	.10	.13	9.0	.75				.23		.57
	5035	191.1	192.6	1.5	100	4A0	3.23	.15	.31	.16	11.0	.69				.47		.34
	5036	192.6	194.3	1.7	100	4A0	3.24	.18	.17	.25	9.0	.55				.42		.60
	5037	194.3	195.8	1.5	100	4A0	3.24	.12	.40	.14	13.0	.62				.54		.26
	5038	195.8	197.5	1.7	100	4A3	3.37	.17	.43	.08	17.0	.75				.51		.16
	5039	197.5	199.0	1.5	100	4A3	3.48	.28	.09	.25	12.0	.48				.34		.74
	5040	199.0	200.6	1.6	100	4A3	3.41	.22	.09	.22	8.0	.48				.31		.71
	5041	200.6	202.1	1.5	100	4A3	3.50	.27	.07	.24	9.0	.55				.31		.77
	5042	202.1	203.6	1.5	100	4A3	3.31	.18	.40	.18	12.0	.75				.58		.31
	5043	203.6	205.1	1.5	100	4A3	3.44	.21	.21	.19	11.0	.48				.40		.48
	5044	205.1	206.7	1.6	69	4A4	3.79	.20	2.69	2.98	40.0	.62				5.67		.53
	5045	206.7	208.2	1.5	100	4A3	3.33	.18	.28	.15	11.0	.75				.43		.35
	5046	208.2	209.7	1.5	100	4A3	3.32	.24	.27	.23	10.0	.55				.50		.46
	5047	209.7	210.9	1.2	100	4A0	3.25	.15	.50	.74	12.0	.34				1.24		.60
	5048	210.9	212.0	1.1	100	4A4	4.37	.16	6.63	7.73	100.0	.82				14.36		.54
	5049	212.0	213.4	1.4	100	4L5	2.96	.02	.18	.18	5.0	.14				.36		.50
	5050	213.4	214.6	1.2	100	4L5	3.24	.20	1.62	1.12	23.0	.34				2.74		.41
	5101	223.3	224.8	1.5	100	4C7	3.50	.28	1.57	1.36	22.0	.07				2.93		.46
	5102	290.5	292.0	1.5	60	4C3	3.43	.02	.11	.07	5.0	.07				.18		.39
	5103	292.0	293.4	1.4	64	4C3	3.48	.01	.04	.02	4.0	.07				.06		.33

CYPRUS ANVIL MINING CORPORATION

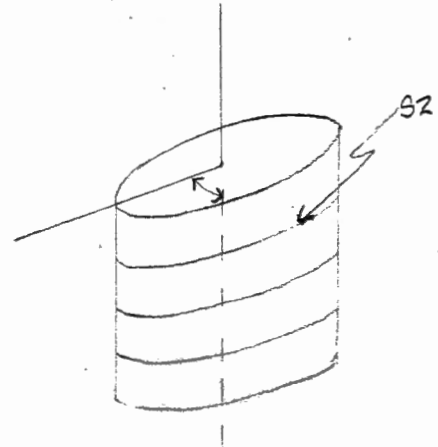
DIAMOND DRILL CORE LOG

Hole Number: 75-A074

Fabric Orientation Diagram:

Project: GRUM

Location: VANGORDA PLATEAU



Claim: _____

1979 Hru
Ortho photo
Survey

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

Grid
Co-ords.: 592,313.34 E

Grid
Co-ords.: 68W/2S

All symmetry determinations looking

NW with S2 dipping

SW with dip azimuth 230°.

Elevation: 1272.87 m.

Total Depth: 1060 ft.

Purpose: _____

ReLogged by: PN

Date(s) Logged: MAY 18-22 80

Drilling Contractor: _____

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

Started: 1/5/75 Completed: 21/5/75

Code	From	To	Unit	Code	Description
L	10 14 16	20 22 23 25 27			
L	1100	1410	0	11 11	# 0/B
L	1410	1510	0	12 5B10	few bands of 4L0
L	1510	1995	5	13 5B10	py in fractures & bands; also occ. as blebs; graphitic; wispy siliceous bands; minor po
L	1995	11011	7	14 01Q10	
L	11011	11429	7	15 5B10	w/ diss. py & wispy qtz bands
L	11429	11574	4	16 5B10	intensely sheared; minor py; w/ alternating 4L5
L	11574	11611	5	17 5B16	minor py; qtz-ankerite(?) lenses; frachite stain
L	11611	11630	5	18 5B10	gouge w/ siliceous pebbles
L	11630	11730	0	19 4L5	
L	11730	13018	0	10 5B10	minor py; alternating w/ 4L0; gouge bet. 200-207', 265-266.5' and 283-284'; few siliceous layers
L	13018	13113	0	111 4L40	py in bands & fractures
L	13113	13115	0	112 4L40	
L	13115	13117	6	113 4L40	
L	13117	13122	1	114 4E10	⁴ well banded w/ minor qtz & mt
L	13122	13123	0	115 4L13	intensely altered
L	13123	13161	0	116 4C10	³ pyritic breccia w/ minor graphite & qtz alternating w/ massive py
L	13161	13170	3	117 4L40	minor calc., py i unknown green stain
L	13170	13175	0	118 4A10	
L	13175	14184	4	119 5B10	minor py & qtz bands; gouge layers bet. 375-380', 383-387.3', and 431-435'; ankerite assoc. w/ qtz
L	14184	14191	5	210 4L5	minor py, qtz
L	14191	14197	0	211 5B10	minor py in layers & in fractures
L	14197	15115	3	212 4L5	minor po/py bands; alternating 5B0 bands; increasing sulphides to bottom
L	15115	15210	7	213 4C10	banded sulphides; carbonate bearing
L	15210	15216	0	214 5B10	minor py bands
L	15216	15314	5	215 4C18	carbonate bearing; sph gel bands, opy blebs (4D8) E.O.I
L	15314	15162	0	216 4A10	carbonate bearing
L	15162	15171	3	217 4L40	w/ layers of 4C0 with sph; minor py
L	15171	15171	5	218 4G14	banded
L	15171	15179	5	219 4C10	³
L	15179	15184	9	310 4L5	³
L	15184	16105	6	311 4C10	few phyllite layers; alternating w/ 4L5 bands

Code	From		To		Unit	Code	Description
	10	14	16	20	22	23	
L	1610	1516	1611	1323	312	41C14	alternating w/ 4L5
L	1611	1333	1611	1655	313	41L15	
L	1611	1655	1619	1544	314	41A10	minor carbonate, cpy, po; interlayers of 4L5
L	1619	1544	1710	1400	315	41L15	interlayers of carbonate bearing 4C0 w/ sph bands
L	1710	1400	1710	1688	316	51B10	
L	1710	1688	1713	1255	317	51D10	
L	1713	1255	1713	1766	318	41C17	minor cpy, gal, sph
L	1713	1766	1715	1233	319	51B16	siliceous bands; 4C0 bet. 745.7-746.4'; gouge w/ siliceous pebbles bet. 740.6-741'
	1715	1233	1717	1770	410	51A10	interlayers of 5B0; few siliceous bands; gouge bet. 767.5-767.6'
L	1717	1770	1813	1500	411	51B16	w/ siliceous lenses containing ankerite; gouge bet. 818-819'
L	1813	1500	1814	1755	412	51A10	gouge w/ siliceous pebbles bet. 846.5-847.5'
L	1814	1755	1815	1355	413	41C10	minor sph; interlayers of 5B0
L	1815	1355	1910	1400	414	51B10	5A0/5B0; interlayers of 4L0; minor py
L	1910	1400	1911	1400	415	51A10	minor py
L	1911	1400	1915	1300	416	51B10	minor py; gouge bet. 940-942'; no core bet. 948-953' (gouge?)
L	1915	1300	1916	1255	417	41C17	massive py alternating w/ breccia py; few phyllite layers; gouge w/ siliceous pebbles bet. 960.2-961'
L	1916	1255	1919	1788	418	51A10	variably calcareous; minor py; gouge w/ pebbles bet. 982.5-986'
L	1919	1788	1101	2866	419	41L10	minor py, cpy, qtz veins; interlayers of 5B6; bet. 1013.5-1014.7' qtz breccia w/ sulphide matrix of py, po, sph, gal
L	1101	2866	1101	3160	510	51D10	minor mt, po,
L	1101	3160	1101	6100	511	51B10	flt. incr. to FDH
			1E10H				

Code	From		To		Feature	SYM	S ₁ Dip Direct.		S ₂ Dip Direct.		Description
	10	14	16	20			22	24	26	28	
S				1510	4 CIS2				713	21310	0-40.0 ft o/B S sym. 40.0 - 53.0 ft
S				1530	0 F12S						P region 53.0 - 58.0 ft.
S				1577	7 P1S2				614	21310	
S				1580	0 F12P						S sym 58.0 - 99.5 ft.
S				1610	0 CIS2				519	21310	
S				1820	0 CIS2				614	21310	
S				1995	1 F12S						No sym. 99.5 - 101.7 ft.; 0Q0
S				110117	7 F12R						S sym. 101.7 - 308.0 ft.
S				110170	0 CIS2				315	21310	
S				11272	2 CIS2				610	21310	
S				11497	7 CIS2				315	21310	
S				116190	0 CIS2				215	21310	
S				119116	0 CIS2				610	21310	
S				12075	5 CIS2				515	21310	
S				12244	4 CIS2				719	21310	
S				12456	6 CIS2				610	21310	
S				12647	7 CIS2				510	21310	
S				12825	5 CIS2				610	21310	
S				130100	0 CIS2				610	21310	
S				13080	0 F12S						R region 308.0 - 368 ft. (massive sulphides)
S				136180	0 F12R						S region 368 - 370.3 ft.
S				136187	7 CIS2				619	21310	
S				137103	3 F12S						R region 370.3 - 375 ft. (sulphides)
S				137150	0 F12R						M region 375.0 - 515.3 ft. 20/80 z/s
S				13875	0 CIS2				617	21310	
S				13958	0 CIS2				410	21310	
S				14231	1 CIS2				416	21310	
S				14437	7 CIS2				616	21310	
S				14604	4 CIS2				619	21310	
S				14840	0 CIS2				615	21310	
S				150116	6 CIS2				618	21310	
S				151150	0 CIS2				717	21310	
S				151153	3 F12M						R region 515.3 - 520.7 ft. (sulphides)

Code	From		To		Feature	SYM	S ₁ Dip Direct.		S ₂ Dip Direct.		Description
	10	14 16	20	22 24 26			28	32	34	38	
S			5210	7	F12R						S region 520.7 - 526.0 ft
S			5246	6	CS12				619	2310	
S			5260	0	F12S						R region 526.0 - 579.5 ft w/ minor S sym.
S			5426	6	PS12				55	21310	
S			5795	5	F12R						S sym. 579.5 - 584.9 ft.
S			5819	9	CS12				311	2310	
S			5849	9	F12S						R region 584.9 - 613.3 ft. (sulphides) w/ minor S sym.
S			6105	8	PS12				610	21310	
S			6113	3	F12R						S sym. 613.3 - 616.5
S			6116	0	CS12				713	2310	
S			6116	5	F12S						R region 616.5 - 695.4 (sulphides)
S			6954	4	F12R						S sym. 695.4 - 732.5 minor mixed regions
S			6963	3	CS12				611	21310	
S			7237	7	CS12				69	2310	
S			7325	5	F12S						R region 732.5 - 737.6 (sulphides)
S			7376	6	F12R						S region 737.6 - 766.2
S			7414	4	CS12				614	21310	
S			7615	6	CS12				63	2310	
S			7662	2	F12S						R region 766.2 - 771.9 ft.
S			7719	9	F12R						S sym. 771.9 - 953.0 ft
S			7726	6	CS12				712	21310	
S			7936	6	CS12				715	21310	
S			8101	6	CS12				613	2310	
S			8248	8	CS12				616	21310	
S			8442	2	CS12				710	2310	
S			8645	5	CS12				713	2310	
S			8911	4	CS12				618	21310	
S			9109	1	CS12				710	2310	
S			9291	1	CS12				711	2310	
S			9427	7	CS12				518	21310	
S			9530	0	F12S						R region 953.0 - 962.5 ft (sulphides)
S			9625	5	F12R						S sym. 962.5 - 1060 ft. (ECH)

Code	From ft.		To ft.		Sample No.	LENGTH	REC.	UNIT
	10	14	16	20				
P	1310	180	1311	130	5101011	5.0	5.0	4LO
P	1311	130	1311	176	5101021	4.6	4.6	4CO/4LO 4CL
P	1311	176	1312	221	5101031	4.5	4.5	4EQ 4
P	1312	230	1312	280	5101041	5.0	5.0	4CO
P	1312	280	1313	330	5101051	5.0	5.0	4CO
P	1313	330	1313	380	5101061	5.0	4.5	4CO
P	1313	380	1314	430	5101071	5.0	4.7	4CO
P	1314	430	1314	480	5101081	5.0	4.3	4CO
P	1314	480	1315	530	5101091	5.0	5.0	4CO
P	1315	530	1315	580	5101101	5.0	5.0	4CO
P	1315	580	1316	630	5101111	5.0	5.0	4CO
P	1316	630	1316	680	5101121	5.0	5.0	4CO
P	1316	680	1317	750	5101131	7.0	6.8	4LO/4CO 4LA
P	1511	153	1512	207	5101141	5.4	5.4	4CO
P	1512	260	1513	300	5101151	4.0	4.0	4CB
P	1513	300	1513	345	5101161	4.5	4.5	4EB 4DB
P	1513	345	1513	390	5101171	4.5	4.5	4CO
P	1513	390	1514	430	5101181	4.0	4.0	4CO
P	1514	430	1514	470	5101191	4.0	4.0	4CO
P	1514	470	1515	510	5101201	4.0	4.0	4CO
P	1515	510	1515	550	5101211	4.0	4.0	4CO
P	1515	550	1515	590	5101221	4.0	2.9	4CO
P	1515	590	1516	620	5101231	3.0	2.0	4CO
P	1516	620	1516	670	5101241	5.0	4.9	4LO
P	1516	670	1517	713	5101251	4.3	4.3	4LO
P	1517	713	1517	750	5101261	3.7	3.7	4G4
P	1517	750	1517	795	5101271	4.5	4.5	4CO
P	1518	849	1518	899	5101281	5.0	5.0	4CO
P	1518	899	1519	949	5101291	5.0	5.0	4CO
P	1519	953	1610	103	5101301	5.0	5.0	4CO
P	1610	103	1610	156	5101311	5.3	5.3	4CO

4A0

Code	From		To		Sample No.	Description			
	10	14	16	20		22	27	LENGTH	REC.
P	161070		161133		150312		6.3	6.3	404 400
P	161165		162115		150313		5.0	5.0	400
P	162115		162170		150314		5.5	5.5	400
P	162170		163120		150315		5.0	5.0	400
P	163120		163175		150316		5.5	5.5	400
P	163175		164125		150317		5.0	5.0	400
P	164125		164180		150318		5.5	5.5	400
P	164180		165130		150319		5.0	5.0	400
P	165130		165180		150410		5.0	5.5	400
P	165180		166300		150411		5.0	5.5	400
P	166130		166180		150412		5.0	6.0	400
P	166180		167130		150413		5.0	6.0	400
P	167130		167180		150414		5.0	3.5	400 4A4
P	167180		168130		150415		5.0	5.0	400A
P	168130		168180		150416		5.0	5.0	400A
P	168180		169120		150417		4.0	4.0	400A
P	169120		169154		150418		3.4	3.4	400 4A4
P	169154		170100		150419		4.6	4.5	4L5
P	170100		170140		150510		4.0	4.0	4L5
P	173125		173176		151101		5.1	5.1	407
P	191530		1915180		1511012		5.0	3.0	400
P	1915180		1916125		1511013		4.5	3.0	400

Feet!

FAULT

DDH FAGAO74
2 8

Cyprus Anvil Mining Corp.

Page _____ of _____

Structural Log

Date: _____ 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.	
F	114	29	115	74	31	51									intensely sheared
F	116	15	116	30	31	61									gauge w/ siliceous pebbles (gauge w/ qtz vein, argon/ clasts)
F	120	10	120	70	G										gauge
F	121	6	121	6	5	G									gauge
F	121	8	121	8	4	G									gauge
F	131	2	131	6	18	X.D.?									pyritic bxs
F	131	7	131	8	0	G									gauge layers
F	131	8	131	8	7	G									gauge
F	141	3	141	3	5	G									gauge
F	171	4	171	4	1	G									gauge w/ siliceous pebbles
F			171	6	7	1	G								gauge
F	181	1	181	1	9	G									gauge
F	181	4	181	4	7	G									gauge w/ siliceous pebbles
F	191	4	191	4	2	G									gauge
F	191	4	191	5	3	N.P.									no core
F	191	5	191	6	2	X.D.?									oxidized pyrite
F	191	6	191	6	1	G									gauge w/ siliceous pebbles
F	191	8	191	8	6	G									gauge w/ siliceous pebbles
F	191	9	1101	2	8	G.X.D.									qtz bxs w/ sulphide matrix of py, po, sph, ga bull qtz veins
F	191	9	1101	1	7	G									

DIAMOND DRILL RECORD

LOGGED BY T. Takeda


PROPERTY _____

D.D.H. No. 75-A7A PAGE 5 of 23

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	
308	316.5	<p>PYRITIC "BLEACHED" PHYLLITE (quartz-sericite-phyllite) <i>SB P</i></p> <p>Crumpled and shattered. Pyrite as crack filling and banded. Rare remnants of gray phyllite with F2 slips @ 70°, coated with graphite and lesser sericite.</p> <p>312.7-314.3' -- pyritic siliceous zone. Pyrite 35% containing some siliceous and buff coloured fragments.</p>	8	1460	308	316.5	8.5	.60	.33	.24						
316.5	327	<p>MASSIVE SULPHIDES <i>M</i></p> <p>60% pyrite, estimate of 15% lead-zinc)</p> <p>Well banded @ 80 average. Fractured and cemented by fine-grained gray siliceous pyrite. Rare magnetic at 322'.</p> <p>322.5-323' -- intensely sericitized inclusion of phyllite origin. Powdery.</p>	6.5	1461	316.5	323	6.5	1.53	1.40	.59						
			4	1462		327	4	4.43	1.22	1.38			9.18	8.80	3.54	
				<i>WTAN</i>	317.0	322.0	10.0	2.69	1.23	0.91	(21.18% Cu)		26.90	13.28	9.06	
327	336	<p>SILICEOUS PYRITIC BRECCIA <i>Ry AA</i></p> <p>40% pyrite, 0.5% lead-zinc estimate</p> <p>Siliceous breccia with slightly coarse grained pyrite enclosed in the darker gray coloured, finer pyrite and more siliceous matrix. Also sporadical massive pyrite bands. Later fracturing brittle most of the section. Some well polished slickensides.</p> <p>Contact @ 20°</p>	8.5	1463	327	336	9	.14	.26	.24			3.6	4.2		
336	342.5	<p>MASSIVE PYRITIC BANDS BEARING SILICEOUS PYRITE <i>M</i></p> <p>Massive bands, siliceous sections with interstitial smudgy graphite-sericite and lesser buff coloured, silicified carbonitized phyllite inclusions. Chalcopyrite blebs common (0.2% copper estimate) on the edge of siliceous portions.</p>	6.2	1464	336	342.5	6.5	.45	.25	.35			4.6	1.2		

DIAMOND DRILL RECORD

LOGGED BY T. Takeda

PROPERTY _____

D.D.H. No. 75-A74 PAGE 12 of 23

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	
584.8	^{594.3} 594.8	HEAVY PYRITIC BANDS IN SILICEOUS MATRIX Erratic dark F2 slips @ 70°, coated with sericite and sooty material. Angular fragments of possible dark gray phyllite origin at 586'. Scattered chalcopyrite blebs and rare pyrrhotite in patchy quartz (592.1') No. 1480 -- 30% pyrite, trace of lead-zinc, some chalcopyrite	10	1480	584.8	594.8	10	.18	.42	.26				6.0	14.2	
594.8	^{595.2} 595.3	FINE GRAINED QUARTZ - SERICITE PHYLLITE INCLUSION F2 slips @ 80°.												0		
595.3	^{605.6} 605.5	MASSIVE AND HEAVY PYRITIC BANDS IN SILICEOUS MATRIX Sporadical, weak brown sphalerite bands. Banding @ 70-65°. (Sulphides and rare F2 slips) No. 1481 -- 40% pyrite, 1% lead-zinc, some copper	10.2	1481	595.3	605.5	10.2	0.24	0.51	0.38				7.65	14	
605.5	^{607.0} 607	PALE QUARTZ - SERICITE PHYLLITE F2 slips @ 65°.														
607	^{613.9} 613.3	HEAVY PYRITE - SPHALERITE BANDS IN SILICEOUS MATRIX AND BARREN QUARTZ - SERICITE PHYLLITE Both crenulated. Brown sphalerite relatively coarser grained and visible with	6.3	1482	607	613.3	6.3	1.95	3.24	0.88						

DIAMOND DRILL RECORD

LOGGED BY T. Takeda

PROPERTY _____

D.D.H. No. 75-A74 PAGE 15 of 23

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

CLAIM No. _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

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			
		sulphide zone at 687.8'. Good sphalerite mineralization (683-684.2') Sporadical chalcopyrite blebs. Near 687.8' gentle "S" type folding. F2 slips @ 70°.																
687.8	^{210.6} 691	FOLDED SILICEOUS SULPHIDE BANDS <i>P (S)</i> Minor inclusions of barren folded quartz-sericite phyllite. Pyrite and very fine grained galena mixed with lesser sphalerite.	3.2	1492	687.8	691	3.2	.25	.22	.29								
				<i>WT. Av.</i>	<i>678.5</i>	<i>691.0</i>	<i>12.5</i>	<i>0.6</i>	<i>1.6</i>	<i>2.7</i>								
691	^{211.9} 695.3	SILICEOUS SULPHIDE ZONE Fine-grained <i>P</i> On the average, banding at 60° down to folding axis at 693.2' and then @ 70° on the other way for short section. Pyrite, brown sphalerite, fine dissem. magnetite 5% and pyrrhotite bands near 692'. Contact to next, rugged but well welded.	4.3	1493	691	695.3	4.3	6.53	7.54	2.41			28.079	33.422	10.363			
695.3	^{211.6} 704	MAINLY QUARTZ - SERICITE PHYLLITE WITH SPORADICAL SILICEOUS SULPHIDE BANDS <i>PS</i> Very good brown sphalerite-galena bands (697.8-704') Some disseminated magnetite < 1% (700-702')	8.6	1494	<i>695.3</i>	<i>(701.0)</i>	<i>(3.7)</i>	.80	.83	.29			4.56	4.731	1.653			
				<i>WT. Av.</i>	<i>691.0</i>	<i>701.0</i>	<i>10.0</i>	<i>3.26</i>	<i>3.72</i>	<i>1.20</i>	<i>(4.2)</i>			<i>32.639</i>	<i>37.153</i>	<i>12.016</i>		

DDH: FAGA074 -- 132 DEGREE PROFILE

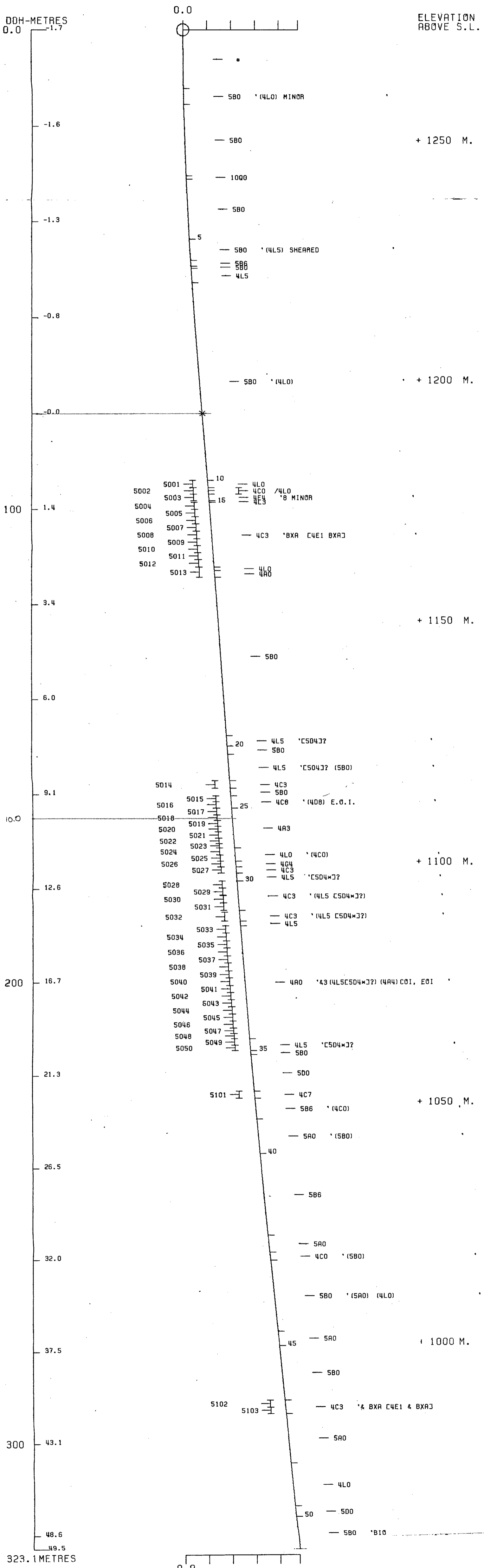
(VIEW AZIMUTH = 42 DEGREES)

ELEV: 1273 592313E ; 904733N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 638.7 Z = 1272.9

SECTION NAME: 025



DDH: FAGA074 -- 132 DEGREE PROFILE

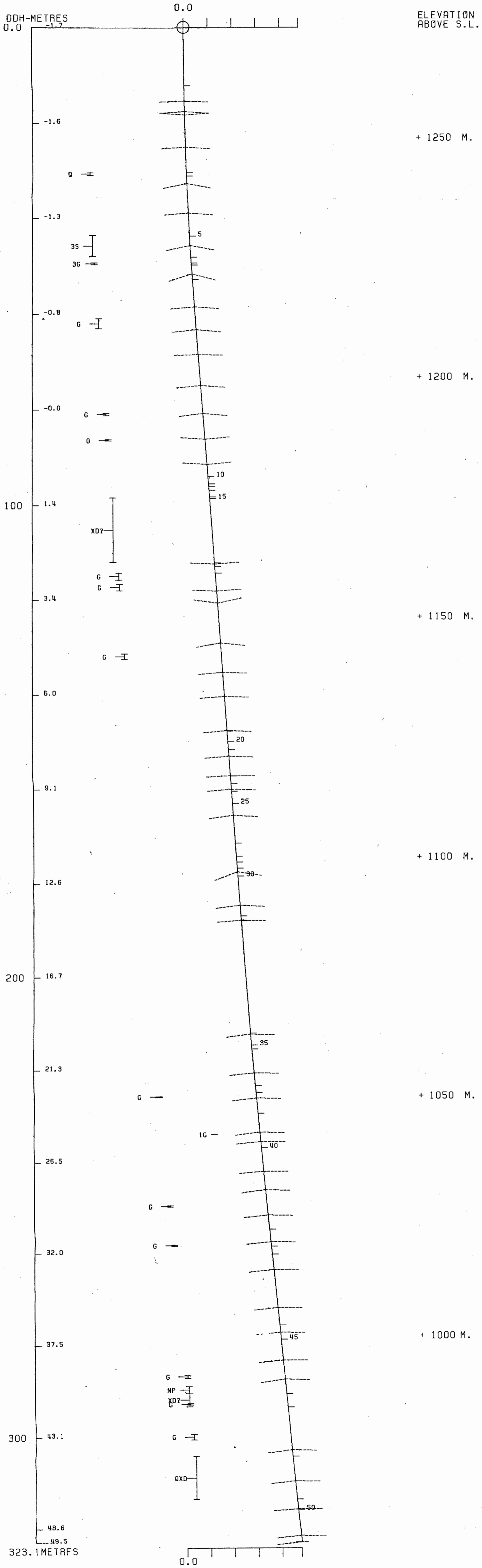
(VIEW AZIMUTH = 42 DEGREES)

ELEV: 1273 592313E ; 904733N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 638.7 Z = 1272.9

SECTION NAME: 02S



FAGA077

84/10/16

GRUM DATABASE - QUIZ REPORT

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DDM	SAMPLE	---DEPTHS---		INT M	REC %	ROCK UNIT	S.G.	CU %	PB %	ZN %	AG G/MT	AU G/MT	PO %	PY %	BAO %	PB+ZN %	PO+PY %	ZN RATIO
		FROM	TO															
FAGA077	6259	115.1	115.8	.7	100	4L0	3.17	.14	.67	.68	16.0	.21	6.60	7.80		1.35	14.40	.50
	6260	116.7	118.4	1.7	76	4C0	3.87	.19	1.81	1.65	31.0	.48	8.40	22.50		3.46	30.90	.48
	6261	118.4	119.8	1.4	100	4E0	4.35	.18	2.80	1.63	47.0	.62	3.73	35.90		4.43	39.63	.37
	6262	119.8	120.1	.3	67	4K4B	3.31	.54	1.96	2.70	59.0	1.44	4.85	10.90		4.66	15.75	.58
	6263	120.1	121.6	1.5	100	4E42	4.05	.11	3.50	3.00	46.0	.41	2.58	29.80		6.50	32.38	.46
	6264	121.6	123.7	2.1	100	4E16	3.61	.14	.74	.64	19.0	.41	2.00	24.00		1.38	26.00	.46
	6265	174.5	175.0	.5	100	4DC	3.44	.18	2.30	1.99	33.0	.55	7.82	14.10		4.29	21.92	.46
	6266	175.0	175.4	.4	75	4L2B	3.30	.12	1.22	1.12	23.0	.48	6.86	11.10		2.34	17.96	.48
	6267	175.4	175.7	.3	100	4CEB	4.11	.23	.66	.68	22.0	.82	3.88	30.70		1.34	34.58	.51
	6268	175.7	177.4	1.7	71	4A0	3.00	.03	.06	.06	3.0	.21	3.70	4.19		.12	7.89	.50
	6269	177.4	178.1	.7	100	4A0	2.87	.05	.11	.14	4.0	.27	2.06	3.89		.25	5.95	.56
	6270	178.1	178.6	.5	80	4E0	3.98	.16	1.54	1.12	34.0	1.37	3.51	30.30		2.66	33.81	.42
	6271	178.6	179.2	.6	100	4L13	3.23	.13	.63	.58	13.0	.27	3.46	9.40		1.21	12.86	.48
	6272	179.2	179.7	.5	100	4DR	3.43	.13	3.30	3.40	42.0	.41	5.12	12.90		6.70	18.02	.51
	6273	179.7	180.7	1.0	100	4L23	3.22	.16	1.52	1.21	31.0	.34	3.32	10.70		2.73	14.02	.44
	6274	180.7	181.8	1.1	82	4E8	4.02	.25	1.72	1.26	38.0	.62	7.28	28.00		2.98	35.28	.42
	6275	181.8	182.3	.5	80	4CA	3.25	.09	.31	.22	9.0	.27	5.03	12.50		.53	17.53	.42
	6276	182.3	182.7	.4	100	4A0	2.92	.03	.08	.04	4.0	.21	2.77	2.61		.12	5.38	.33
	6277	182.7	184.1	1.4	100	4L0	2.88	.02	.01	.01	1.0	.21	2.32	1.75		.02	4.07	.50
	6278	184.1	185.6	1.5	93	4LC	2.94	.02	.02	.07	1.0	.21	2.19	2.27		.09	4.46	.78
	6279	185.6	186.2	.6	100	4A0	3.02	.05	.50	.60	9.0	.41	2.24	7.90		1.10	10.14	.55
	6280	186.2	187.2	1.0	100	4E1	4.20	.13	.58	.18	18.0	1.03	1.94	38.10		.76	40.04	.24
	6281	187.2	189.1	1.9	100	4L14	3.50	.12	1.97	2.07	26.0	.55	5.29	16.40		4.04	21.69	.51
	6282	189.1	191.1	2.0	100	4L14	3.45	.12	1.93	2.04	25.0	.69	4.86	16.10		3.97	20.96	.51
	6283	191.1	192.6	1.5	100	4L14	3.45	.10	1.80	1.93	23.0	.55	4.64	15.00		3.73	19.64	.52
	6284	192.6	194.8	2.2	100	4L14	3.43	.20	2.30	2.80	29.0	.75	6.47	15.30		5.10	21.77	.55
	6285	194.8	197.8	3.0	100	4L14	3.27	.11	1.84	1.50	23.0	.55	4.07	12.20		3.34	16.27	.45
	6286	197.8	198.4	.6	100	4A0	3.02	.10	.67	.75	8.0	.55	2.95	6.20		1.42	9.15	.53
	6287	198.4	199.8	1.4	100	4L14	3.78	.15	2.06	2.50	26.0	.55	5.70	17.50		4.56	23.20	.55
	6288	199.8	202.1	2.3	100	4L14	3.67	.16	2.60	2.90	32.0	.89	6.70	16.90		5.50	23.60	.53
	6289	202.1	203.5	1.4	100	4L14	3.28	.09	1.60	1.50	18.0	.27	5.30	11.30		3.10	16.60	.48
	6290	203.5	204.7	1.2	100	4L12	3.25	.11	1.36	1.46	20.0	.21	4.90	9.80		2.82	14.70	.52
	6291	237.3	237.5	.2	100	4EC	3.78	.02	.06	.03	7.0	.48	6.50	27.60		.09	34.10	.33
	6292	237.5	238.3	.8	100	4A0	3.14	.05	.14	.23	5.0	.27	2.72	12.10		.37	14.82	.62
	6293	238.3	238.7	.4	100	4E1+B	4.15	.12	3.30	1.40	59.0	.89	10.40	26.10		4.70	36.50	.30
	6294	238.7	239.1	.4	100	4GCB	4.24	.08	3.70	3.60	53.0	.21	7.66	27.90		7.30	35.56	.49
	6295	239.1	239.6	.5	100	4CLA	3.53	.15	1.48	1.17	26.0	.62	2.06	20.10		2.65	22.16	.44
	6296	239.6	240.2	.6	100	4L0	3.11	.13	.41	.08	9.0	.21	3.74	7.20		.49	10.94	.16
	6297	240.2	241.5	1.3	100	4A1	3.25	.18	2.30	1.95	36.0	.89	4.44	21.90		4.25	26.34	.46
	6298	241.5	243.8	2.3	57	4E6B*	3.05	.15	3.50	3.30	51.0	.75	6.40	28.80		6.80	35.20	.49
	6299	243.8	245.1	1.3	85	4EB*	3.90	.15	1.95	.86	39.0	.41	7.50	26.20		2.81	33.70	.31
	6300	245.1	246.4	1.3	100	4EB*	3.30	.12	3.00	.50	53.0	.48	10.00	23.70		3.50	33.70	.14
	6301	246.4	248.3	1.9	79	4AE	3.56	.04	.09	.10	5.0	.27	1.32	19.60		.19	20.92	.53
	6302	248.3	251.3	3.0	77	5A19		.01	.03	.03	2.0					.06		.50
	6302	251.3	252.2	.9	100	4A3		.01	.06	.02	5.0					.08		.25
	6303	252.2	252.8	.6	100	4A0		.01	.03	.02	2.0					.05		.40
	6304	258.0	259.6	1.6	69	4E51		.01	.06	.02	5.0					.08		.25
	6305	259.6	261.2	1.6	69	4A0		.01	.07	.03	5.0					.10		.30

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GRUM DATABASE - QUIZ REPORT

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DDM	SAMPLE	RCCK UNIT	NORMATIVE MINERALS - WEIGHT X							OTHER	*	NORMATIVE MINERALS - VOLUME X						
			CPY	GA	SP	PO	PY	BAR	CPY			GA	SP	PO	PY	BAR	OTHER	
FAGA077	6259	4L0	.40	.77	1.01	10.38	16.77		70.65	*	.30	.32	.80	7.11	10.56		80.90	
	6260	4C0	.55	2.09	2.46	13.21	48.39		33.30	*	.51	1.09	2.39	11.18	37.68		47.15	
	6261	4E0	.52	3.23	2.43	5.87	77.20		10.75	*	.57	1.98	2.79	5.85	70.87		17.94	
	6262	4K4B	1.56	2.26	4.03	7.63	23.44		61.08	*	1.23	1.00	3.33	5.48	15.50		73.46	
	6263	4E42	.32	4.04	4.47	4.06	64.08		23.03	*	.32	2.26	4.70	3.71	53.84		35.17	
	6264	4E1B	.40	.85	.95	3.15	51.61		43.03	*	.36	.42	.88	2.52	38.09		57.73	
	6265	4D0	.52	2.66	2.97	12.30	30.32		51.24	*	.43	1.24	2.59	9.35	21.21		65.17	
	6266	4L2B	.35	1.41	1.67	10.79	23.87		61.92	*	.27	.62	1.38	7.73	15.74		74.25	
	6267	4CEB	.66	.76	1.01	6.10	66.02		25.44	*	.65	.42	1.04	5.46	54.35		38.07	
	6268	4A0	.09	.07	.09	5.82	9.01		84.92	*	.06	.03	.07	3.72	5.30		90.83	
	6269	4A0	.14	.13	.21	3.24	8.37		87.91	*	.10	.05	.15	2.04	4.86		92.80	
	6270	4E0	.46	1.78	1.67	5.52	65.16		25.41	*	.45	.98	1.72	4.95	53.77		38.12	
	6271	4L13	.38	.73	.86	5.44	20.21		72.38	*	.28	.30	.68	3.70	12.66		82.38	
	6272	4DB	.38	3.81	5.07	8.05	27.74		54.95	*	.31	1.74	4.35	6.01	19.04		68.56	
	6273	4L23	.46	1.76	1.80	5.22	23.01		67.75	*	.35	.75	1.45	3.64	14.77		79.04	
	6274	4E8	.72	1.99	1.88	11.45	60.21		23.75	*	.71	1.10	1.95	10.34	50.02		35.87	
	6275	4CA	.26	.36	.33	7.91	26.88		64.26	*	.20	.16	.27	5.61	17.54		76.23	
	6276	4A0	.09	.09	.06	4.36	5.61		89.79	*	.06	.04	.04	2.72	3.23		93.91	
	6277	4L0	.06	.01	.01	3.65	3.76		92.50	*	.04	.01	.01	2.25	2.14		95.55	
	6278	4L0	.06	.02	.10	3.44	4.88		91.49	*	.04	.01	.07	2.14	2.79		94.95	
	6279	4A0	.14	.58	.89	3.52	16.99		77.87	*	.10	.23	.68	2.33	10.35		86.29	
	6280	4E1	.38	.67	.27	3.05	81.93		13.70	*	.40	.40	.30	2.98	73.56		22.36	
	6281	4L14	.35	2.28	3.09	8.32	35.27		50.70	*	.29	1.07	2.71	6.36	24.79		64.79	
	6282	4L14	.35	2.23	3.04	7.64	34.62		52.12	*	.29	1.04	2.65	5.79	24.15		66.08	
	6283	4L14	.29	2.08	2.88	7.30	32.26		55.20	*	.24	.95	2.47	5.44	22.11		68.80	
	6284	4L14	.58	2.66	4.17	10.18	32.90		49.51	*	.49	1.25	3.68	7.81	23.23		63.55	
	6285	4L14	.32	2.13	2.24	6.40	26.24		62.68	*	.25	.93	1.84	4.58	17.29		75.10	
	6286	4A0	.29	.77	1.12	4.64	13.33		79.85	*	.21	.31	.84	3.04	8.04		87.56	
	6287	4L14	.43	2.38	3.73	8.96	37.63		46.86	*	.37	1.14	3.34	6.99	27.01		61.15	
	6288	4L14	.46	3.00	4.32	10.54	36.34		45.33	*	.40	1.45	3.91	8.29	26.30		59.65	
	6289	4L14	.26	1.85	2.24	8.34	24.30		63.02	*	.20	.81	1.84	5.95	15.96		75.24	
	6290	4L12	.32	1.57	2.18	7.71	21.07		67.15	*	.24	.67	1.75	5.38	13.54		78.42	
	6291	4E0	.06	.07	.04	10.22	59.35		30.25	*	.05	.04	.04	8.84	47.24		43.78	
	6292	4A0	.14	.16	.34	4.28	26.02		69.05	*	.11	.07	.27	2.96	16.58		80.00	
	6293	4E1*8	.35	3.81	2.09	16.36	56.13		21.27	*	.35	2.15	2.21	15.05	47.51		32.74	
	6294	4G0B	.23	4.27	5.37	12.05	60.00		18.08	*	.24	2.46	5.79	11.31	51.81		28.39	
	6295	4CLA	.43	1.71	1.74	3.24	43.23		49.65	*	.37	.81	1.55	2.50	30.69		64.09	
	6296	4L0	.38	.47	.12	5.88	15.48		77.67	*	.27	.19	.09	3.90	9.44		86.10	
	6297	4A1	.52	2.66	2.91	6.98	47.10		39.84	*	.47	1.33	2.73	5.70	35.37		54.40	
	6298	4E68*	.43	4.04	4.92	10.07	61.93		18.61	*	.44	2.32	5.30	9.43	53.36		29.15	
	6299	4E8*	.43	2.25	1.28	11.80	56.34		27.89	*	.42	1.22	1.30	10.38	45.62		41.07	
	6300	4E8*	.35	3.46	.75	15.73	50.97		28.75	*	.33	1.86	.75	13.79	41.11		42.16	
	6301	4AE	.12	.10	.15	2.08	42.15		55.41	*	.09	.05	.13	1.55	28.96		69.22	
	6302	5A19	.03	.03	.04				99.89	*								
	6303	4A3	.03	.07	.03				99.87	*								
	6304	4A0	.03	.03	.03				99.91	*								
	6305	4E51	.03	.07	.03				99.87	*								
	6306	4A0	.03	.08	.04				99.85	*								

DRILL HOLE : FAGA077
NORTHING : 904,654.3
EASTING : 592,402.2
ELEVATION : 1,267.6
TOTAL DEPTH : 305.3
SECTION : W 64
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS CRE-SAMPLES: 48
NOS DOWN-H-SURVEYS: 6
NOS DOWN-H-LITHOLOGY: 95
NOS DOWN-H-STRUCTURE: 70
NOS DOWN-H-FAULTS: 38
NOS DOWN-H-SPLINES: 6
NOS COMPOSITES: 0

21MAR84 GRUM

DOWN-HOLE SURVEYS (DPQ2C)

PAGE: 35

CDH: FAGA077 UTM-N: 9C4,654.3 UTM-E: 592,402.2 UTM-ELEV: 1,267.6 TOTAL DEPTH: 305.3 SECTION: W 64
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

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

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

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
20.7	OC01	#		0.5-	1
21.2	OC02	5DC		0.5-	1
21.9	OC03	5B0	(5C MOTT) MINOR	0.5-	1
23.6	OC04	5B20		0.5-	1
24.7	OC05	5C#	MOTT	0.5-	1
25.5	OC06	5DC		0.5-	1
27.0	OC07	5C#		0.5-	1
28.0	OC08	5B20	1	0.5-	1
28.4	OC09	5B86		0.5-	1
29.1	OC10	5C#	MOTTLED	0.5-	1
29.9	OC11	5B26	1	0.5-	1
30.6	OC12	5C#	MOTTLED	0.5-	1
31.9	OC13	5DC		0.5-	1
36.9	OC14	5B0		0.5-	1
38.6	OC15	5B20	(5D4*)	0.5-	1
40.5	OC16	5B23		0.5-	1
42.3	OC17	5D4*	(5B20)	0.5-	1
51.8	OC18	5B20	1	0.5-	1
59.1	OC19	5A31		0.5-	1
60.4	OC20	4LC	(5A) AT E.O.I.	0.5-	1
66.8	OC21	5A31		0.5-	1
67.1	OC22	5AC		0.5-	1
78.3	OC23	5B20	-> 5B26	0.5-	1
86.9	OC24	5A13		0.5-	1
88.1	OC25	5C4*	-> 5D4*	0.5-	1
90.1	OC26	5B*	(5B2) MINOR	0.5-	1
90.5	OC27	5D4*		0.5-	1
97.8	OC28	5B20		0.5-	1
103.6	OC29	5C#	(5C# MOTT) (5C4*) AT T.O.I.	0.5-	1
111.3	OC30	5B2*		0.5-	1
111.6	OC31	5B2	?	0.5-	1
115.1	OC32	5B26		0.5-	1
115.8	OC33	4LC		0.5-	1
116.7	OC34	5A16		0.5-	1
118.4	OC35	4DC	8a 88	0.5-	1
119.8	OC36	4E0	(4E6)	0.5-	1
120.1	OC37	4K4a		0.5-	1
121.6	OC38	4E42	[4E4 (4F0)]	0.5-	1
123.7	OC39	4E1a	BXA	0.5-	1
124.7	OC40	4AC		0.5-	1
125.3	OC41	5D84		0.5-	1
131.5	OC42	5B80	2 (5D0) MINOR	0.5-	1
132.3	OC43	5DC		0.5-	1
143.4	OC44	5B80	(5D0)	0.5-	1
143.9	OC45	5B8	?	0.5-	1
152.2	OC46	5B80		0.5-	1
153.0	OC47	5B0	?	0.5-	1
154.2	OC48	5B8		0.5-	1
158.6	OC49	5B2*	(5D0) 50:50	0.5-	1
159.0	OC50	4A1		0.5-	1
171.6	OC51	5AC	-> 5B2 LOCALLY	0.5-	1

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

DEPTH	UNIT	CODE	DESC	RECOVERY	INC
173.4	OC52	5AC	?	0.5-	1
174.5	OC53	5A6	-> 4A AT E.O.I.	0.5-	1
175.0	OC54	4DC	(4LG) [4G??]	0.5-	1
175.4	OC55	4L25	3 @	0.5-	1
175.7	OC56	4DB	(4E48) & BXA	0.5-	1
178.1	OC57	4AC		0.5-	1
178.6	OC58	4EC	84	0.5-	1
179.2	OC59	4L13	4	0.5-	1
179.7	OC60	4DB		0.5-	1
180.7	OC61	4L23	(5A1) 4L AFTER 4A?	0.5-	1
181.8	OC62	4EB	BXA	0.5-	1
182.3	OC63	4CA	BXA	0.5-	1
182.7	OC64	4AC		0.5-	1
185.6	OC65	4LC		0.5-	1
186.2	OC66	4AC		0.5-	1
187.2	OC67	4E1	88 (4CO)	0.5-	1
197.8	OC68	4L12	483 [4L (4C84) 6G:40] [4LC]	0.5-	1
198.4	OC69	4AC		0.5-	1
204.7	OC70	4L14	283 [4CL] -> 4L2	0.5-	1
228.4	OC71	5A19	(4A4)	0.5-	1
237.3	OC72	5B26	88 -> 5A (5B269) AT E.O.I.	0.5-	1
237.5	OC73	4EC		0.5-	1
238.3	OC74	4A0		0.5-	1
238.7	OC75	4E1*	8 BXA	0.5-	1
239.1	OC76	4G48		0.5-	1
239.6	OC77	4CO	(4LO) (4A1)	0.5-	1
240.2	OC78	4LC		0.5-	1
241.5	OC79	4A1		0.5-	1
243.8	OC80	4E68	*	0.5-	1
246.4	OC81	4E8*	(4LO) 80:20	0.5-	1
248.3	OC82	4A0	(4E15) AT E.O.I.	0.5-	1
251.3	OC83	5A19	-> 4AC LOCALLY	0.5-	1
252.2	OC84	4A3		0.5-	1
252.8	OC85	4AC		0.5-	1
257.4	OC86	5A0		0.5-	1
258.0	OC87	5AC	?	0.5-	1
259.6	OC88	4E51		0.5-	1
261.2	OC89	4AC	(10Q0) (4LO) (4A13)	0.5-	1
273.4	OC90	5AC	(5A19) MINOR	0.5-	1
273.7	OC91	5A0	? <i>Scrap</i>	0.5-	1
288.3	OC92	5A0	89 MINOR	0.5-	1
290.6	OC93	4LA	?	0.5-	1
295.0	OC94	4L1		0.5-	1
305.3	OC95	1CC8	BIO.ANDUL.STAUR.GARNET [3G8]	0.5-	1

DCH: FAGAO77 UTM-N: 904,654.3 UTM-E: 592,402.2 UTM-ELEV: 1,267.6 TOTAL DEPTH: 305.3 SECTION: W 64
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT SYMTRY	S0 ANGLE DIRECT	S1 ANGLE DIRECT	S2 ANGLE DIRECT	RFE CDE	DHDC	SDC	PROCCSS		
FAGAG77	0.0	22.9	CS2	0	C	C	70	230	C	1	1	1
FAGAO77	0.0	26.8	CS2	0	C	C	75	230	C	1	1	1
FAGAG77	0.0	27.7	CS2	C	0	C	55	230	C	1	1	1
FAGAG77	0.0	32.0	CS2	0	0	C	52	230	C	1	1	1
FAGAO77	0.0	36.9	CS2	0	0	C	52	230	C	1	1	1
FAGAC77	0.0	37.3	CS2	0	0	C	54	230	C	1	1	1
FAGAC77	0.0	43.3	CS2	C	0	C	40	230	C	1	1	1
FAGAO77	0.0	47.2	CS2	0	0	C	74	230	C	1	1	1
FAGAC77	0.0	52.7	CS2	0	C	C	59	230	C	1	1	1
FAGAC77	0.0	57.3	CS2	0	C	C	50	230	C	1	1	1
FAGAC77	0.0	59.1	CS2	C	0	C	50	230	C	1	1	1
FAGAO77	0.0	61.0	CS2	C	C	C	34	230	C	1	1	1
FAGAC77	0.0	67.4	CS2	C	0	C	5	230	C	1	1	1
FAGAC77	0.0	67.8	CS2	0	0	C	52	230	C	1	1	1
FAGAC77	0.0	71.2	CS2	0	0	C	60	230	C	1	1	1
FAGAO77	0.0	75.3	CS2	0	0	C	66	230	C	1	1	1
FAGAC77	0.0	81.7	CS2	0	C	C	68	230	C	1	1	1
FAGAC77	0.0	86.7	CS2	0	0	C	55	230	C	1	1	1
FAGAC77	0.0	87.0	CS2	0	0	C	55	230	C	1	1	1
FAGAC77	0.0	93.3	CS2	0	0	C	60	230	C	1	1	1
FAGAO77	0.0	97.7	CS2	C	0	C	50	230	C	1	1	1
FAGAO77	0.0	99.1	CS2	0	0	C	50	230	C	1	1	1
FAGAC77	0.0	105.8	CS2	0	0	C	60	230	C	1	1	1
FAGAC77	0.0	110.9	CS2	0	0	C	65	230	C	1	1	1
FAGAO77	0.0	114.6	CS2	0	0	C	52	230	C	1	1	1
FAGAO77	0.0	121.0	CS2	0	0	C	50	230	C	1	1	1
FAGAC77	0.0	125.3	CS2	0	0	C	52	230	C	1	1	1
FAGAC77	0.0	129.5	CS2	0	0	C	50	230	C	1	1	1
FAGAC77	0.0	133.7	CS2	C	0	C	50	230	C	1	1	1
FAGAC77	0.0	139.9	CS2	0	0	C	61	230	C	1	1	1
FAGAC77	0.0	145.1	CS2	C	C	C	57	230	C	1	1	1
FAGAC77	0.0	150.5	CS2	0	0	C	55	230	C	1	1	1
FAGAC77	0.0	157.0	CS2	0	0	C	37	230	C	1	1	1
FAGAO77	0.0	158.9	CS2	0	0	C	48	230	C	1	1	1
FAGAC77	0.0	161.5	CS2	0	0	C	52	236	C	1	1	1
FAGAO77	0.0	166.4	CS2	0	0	C	45	230	C	1	1	1
FAGAC77	0.0	170.7	CS2	0	C	C	53	230	C	1	1	1
FAGAO77	0.0	175.4	PS2	0	0	C	45	230	C	1	1	1
FAGAO77	0.0	178.1	CS2	0	0	C	65	230	C	1	1	1
FAGAO77	0.0	179.5	CS2	C	C	C	65	230	C	1	1	1
FAGAC77	0.0	180.7	CS2	0	0	C	48	230	C	1	1	1
FAGAC77	0.0	184.4	CS2	0	C	C	55	230	C	1	1	1
FAGAC77	0.0	185.9	CS2	0	0	C	65	230	C	1	1	1
FAGAO77	0.0	188.4	PS2	0	0	C	65	230	C	1	1	1
FAGAC77	0.0	194.5	PS2	0	0	C	75	230	C	1	1	1
FAGAO77	0.0	203.0	CS2	0	0	C	68	230	C	1	1	1
FAGAO77	0.0	205.4	CS2	C	0	C	72	230	C	1	1	1
FAGAC77	0.0	212.4	CS2	0	0	C	65	230	C	1	1	1
FAGAO77	0.0	217.6	CS2	0	0	C	90	230	C	1	1	1
FAGAO77	0.0	221.9	CS2	0	0	C	75	230	C	1	1	1
FAGAC77	0.0	226.2	CS2	0	0	C	65	230	C	1	1	1

21MAR84 GRUN

DOWN-HOLE STRUCTURE (DHC20)

PAGE: 39

DDH: FAGA077 UTM-N: 904,654.3 UTM-E: 592,402.2 UTM-ELEV: 1,267.6 TOTAL DEPTH: 305.3 SECTION: W 64
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC 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	
FAGAC77	0.C	230.7	CS2	0	0	60	230	C	1	1	1
FAGA077	0.C	235.6	CS2	C	0	70	230	0	1	1	1
FAGAC77	0.C	237.5	CS2	0	0	65	230	C	1	1	1
FAGA077	0.C	237.6	CS2	0	0	55	230	C	1	1	1
FAGA077	0.C	239.1	CS2	C	0	55	230	C	1	1	1
FAGAC77	0.C	240.5	CS2	0	0	65	230	C	1	1	1
FAGAC77	0.C	248.4	CS2	0	0	75	230	C	1	1	1
FAGA077	0.C	252.4	CS2	C	0	60	230	C	1	1	1
FAGAC77	0.C	253.1	CS2	0	0	5	230	C	1	1	1
FAGAC77	0.C	256.9	CS2	0	0	60	230	0	1	1	1
FAGA077	0.C	264.6	CS2	C	0	65	230	C	1	1	1
FAGA077	0.C	270.1	CS2	0	0	60	230	C	1	1	1
FAGA077	0.C	276.1	CS2	0	0	65	230	C	1	1	1
FAGAC77	0.C	281.6	CS2	0	0	67	230	C	1	1	1
FAGA077	0.C	288.3	CS2	0	0	70	230	C	1	1	1
FAGAC77	0.C	289.6	CS2	0	0	67	230	C	1	1	1
FAGA077	0.C	292.6	CS2	0	0	25	230	C	1	1	1
FAGAC77	0.C	295.4	CS2	0	0	66	230	0	1	1	1
FAGA077	0.C	304.2	CS2	0	0	74	230	C	1	1	1

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

DDH	F DEPTH	T DEPTH	FEAT	REC	CD	PARLL	UPPER PLANE	INTERNAL PLANE	LOWER PLANE	DHD
FAGAC77	0.0	28.4	1F				0	0	4C 18C	0 0 1
FAGAC77	28.4	29.1	1G				0	0	C C	0 0 1
FAGAC77	0.0	29.4	G				0	0	C C	0 0 1
FAGAC77	0.0	29.8	G				0	0	C C	0 0 1
FAGAC77	29.8	30.6	2G				0	0	C C	0 0 1
FAGAC77	0.0	31.8	R				0	0	C C	0 0 1
FAGAC77	42.3	53.9	Q1X				0	0	C C	0 0 1
FAGAC77	0.0	53.9	1G				0	0	C C	0 0 1
FAGAC77	66.7	67.0	G				0	0	C C	0 0 1
FAGAC77	88.0	90.0	1G				0	0	C C	0 0 1
FAGAC77	90.0	90.5	XG				0	0	C C	0 0 1
FAGAC77	0.0	97.7	GP				0	0	C C	0 0 1
FAGAC77	100.1	100.5	G				0	0	C C	0 0 1
FAGAC77	109.1	111.2	RP	2			0	0	C C	0 0 1
FAGAC77	111.2	111.5	G				0	0	C C	0 0 1
FAGAC77	111.5	115.0	R1G				0	0	C C	0 0 1
FAGAC77	117.3	118.3	BR				0	0	C C	0 0 1
FAGAC77	118.3	118.4	X?				0	0	C C	0 0 1
FAGAC77	120.0	121.6	B				0	0	C C	0 0 1
FAGAC77	121.6	123.7	DB				0	0	C C	0 0 1
FAGAC77	123.7	124.6	GR				0	0	C C	0 0 1
FAGAC77	132.2	143.4	T				0	0	C C	0 0 1
FAGAC77	143.4	143.8	G				0	0	C C	0 0 1
FAGAC77	143.8	152.2	1XQ				0	0	C C	0 0 1
FAGAC77	152.2	153.0	GRP	3			0	0	C C	0 0 1
FAGAC77	153.0	153.7	B				0	0	22 18C	0 0 1
FAGAC77	152.2	153.7	F?				0	0	0 0	0 0 1
FAGAC77	163.8	166.4	1F				0	0	44 7C	0 0 1
FAGAC77	171.6	173.4	GBP				0	0	C C	0 0 1
FAGAC77	173.4	174.4	B				0	0	C C	0 0 1
FAGAC77	175.5	175.7	XQ				0	0	C C	0 0 1
FAGAC77	180.7	182.3	X?				0	0	C C	0 0 1
FAGAC77	252.6	257.4	B				0	0	C C	0 0 1
FAGAC77	257.4	258.0	GB				0	0	C C	0 0 1
FAGAC77	258.0	261.2	3B				0	0	C C	0 0 1
FAGAC77	273.4	273.7	G				0	0	C C	0 0 1
FAGAC77	288.3	290.6	G				0	0	C C	0 0 1
FAGAC77	290.6	295.0	XQ?				0	0	C C	0 0 1

21MAR84 GRUM

DOWN-HOLE SFLINES (DHO20)

PAGE: 41

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

DDH	SEGMENT NOS	COND INDICATOR
FAGA077	1	2
FAGA077	2	2
FAGA077	3	2
FAGA077	4	2
FAGA077	5	2
FAGA077	6	1

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

1954-1955
1956-1957

1958-1959
1960-1961



[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]



[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

6

Log of the ...

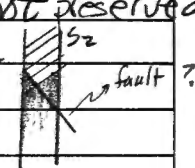
Time	Depth	Temperature	Pressure	Notes
12:00	2.00	10.0	10.0	...
12:05	2.75	10.5	10.5	...
12:10	3.50	11.0	11.0	...
12:15	4.25	11.5	11.5	...
12:20	5.00	12.0	12.0	...
12:25	5.75	12.5	12.5	...
12:30	6.50	13.0	13.0	...
12:35	7.25	13.5	13.5	...
12:40	8.00	14.0	14.0	...
12:45	8.75	14.5	14.5	...
12:50	9.50	15.0	15.0	...
12:55	10.25	15.5	15.5	...
13:00	11.00	16.0	16.0	...
13:05	11.75	16.5	16.5	...
13:10	12.50	17.0	17.0	...
13:15	13.25	17.5	17.5	...
13:20	14.00	18.0	18.0	...
13:25	14.75	18.5	18.5	...
13:30	15.50	19.0	19.0	...
13:35	16.25	19.5	19.5	...
13:40	17.00	20.0	20.0	...
13:45	17.75	20.5	20.5	...
13:50	18.50	21.0	21.0	...
13:55	19.25	21.5	21.5	...
14:00	20.00	22.0	22.0	...

...

CONFIDENTIAL

CONFIDENTIAL

CONFIDENTIAL

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	00	6180		1		o/B triconed to 64'; 3ft of till w/ sm granite boulders, pebbles, dark calcareous matrix
L	6180	6195		2	55D01	massive green w/ siliceous (qtz-fspar) bands //S ₂ . lower etc sharp + //S ₂
L	6195	720		3	55B01	mottled 5C @ TOI lower etc sharp //S ₂
L	720	775		4	55B21	CO ₃ veinlets, Fe sfd on s ₂ , gradational low etc
L	775	810		5	55C31	mottled, chlorite + CO ₃ . intruded by 1-3" thick bands of felsic intrusive, conformable lower etc //S ₂
L	810	837		6	55D01	massive green w/ cc. bands. lower etc broken
L	837	886		7	55C31	mottled, chlorite + CO ₃ . Note S ₂ (chlorite) which cuts S ₁ (?) mottles. This is unusual in mottled 5C. Minor felsic intrusive. lower etc sharp, competent, //S ₂
L	886	920		8	55B21	CO ₃ + SiO ₂ > C lower etc not preserved
L	920	932		9	55B86	lower etc possibly fault etc 
L	932	955		10	55C31	mottled 10% gouge (//S ₂ , 1-2" thick) Lower etc not preserved
L	955	980		11	55B21	highly siliceous, gouged in center of interval lower etc gouged
L	980	11005		12	55C31	mot? 75% gouge; 2" 56Z @ E.O.I. faulted lower etc 50° to C.A.
L	11005	11045		13	55D01	massive green (568 @ center interval) lower etc rubble
L	11045	11210		14	55B01	
L	11210	11265		15	55B21	(5D4* w/ mariposite as minor interbeds) Possible fold nose @ T.O.I.
L	11265	11330		16	55B23	calcareous tension gash fillings (following S ₃ or S ₄ ?) lower etc //S ₂
L	11330	11388		17	55D4*	massive ankeritic, w/ siliceous bands, (5B2 thin intbd). Fractured + CO ₃ veined @ E.O.I. Lower etc //S ₂

Code	From				To				Recov.	No.	Unit	Description
	1	10	14	16	20	22	24	26				
51.8	L	11388		11700						118	5B21	variably calcareous, 5B0-5B2 gradational Abundant subvertical cc veining <small>lower etc rubbly</small>
59.1	L	11700		11940						119	5A31	thick cc veining (gash = fill) @ 177' Minor gouge. Silicified lower etc
60.4	L	11940		11980						120	420	(5B4* minor), Becomes intbdd w/ 5A lower etc // 52
66.8	L	11980		12190						121	5A31	variably siliceous OQO near EOI lower etc not preserved
67.1	L	12190		12200						122	5A0	gouge, possible subvertical shearing @ center or fold nose? or short limb?
76.7	L	12220		12570						123	5B2	variably calc → 5B26, 10% OQO, lower etc broken
86.7	L	12570		12850						124	5A13	lower etc broken
88.1	L	12850		12890						125	5C4*	mottled w/ marip → 5D4* massive
90.1	L	12890		12955						126	5B*	(5B2 minor) minor gouge (45% ^o , 1-2" thick) lower etc gouged ankerite
90.5	L	12955		12970						127	5D4*	w/ marip. bixiated + gouged w/ siliceous pebbles (fault?) but fairly competent lower etc not recovered
97.8	L	12970		13208						128	5B2*	lower etc gouged. Poor rec'vy @ TOI <small>ankeritic</small>
103.6	L	13208		13400						129	5C3	(5C3 mot) silicified top, underlain by ~ 1ft 5C43 (mariposite). Very foliated metabasite alternating w/ 5C mot. (Succession of 3 flows w/ vesicular tops?) Minor spotty gouge esp. 328.5-330 lower etc broken
111.3	L	13400		13650						130	5B2*	358-365' broken 1ft recovered
111.6	L	13650		13660						131	5B2	? black gouge. Altitude unknown } fault?
115.1	L	13660		13775						132	5B210	broken, bubbly, trace gouge lower etc broken
115.8	L	13775		13810						133	420	sfds @ TOI lower etc broken by splitting
116.7	L	13810		13830						134	5A10	lower etc not rec'vd
118.4	L	13830		13885						135	4100	minor sericite + ankerite (4D*?) PbZn in bands ± mgst (4D*8?) 385-388.2 broken bubbly core 388.2-388.5 well-healed sf/siliceous bxia lower etc faulted?

Code	From				To				Recov.	No.	Unit	Description
	1	10	14	16	20	22	24	26				
119-B	L	13885		13930						36	4E10	(4E6) 80-90% Tot sfd. 1-2% PbZn minor cpy patches @ EOT lower dc missing
120-1	L	13930		13940						37	4K4*	Banded (ankerite/py sp gn) rather than normal patchy 4K 6% PbZn lower dc lost
121-6	L	13940		13990						38	4E4.2	PbZn + py zorphs concentr. in bands 10% PbZn? Broken core. Minor talc + CO ₂ on fractures. 397-399' becoming 4A0
1257 ↑	L	13990		14060						39	4E11*	sfd bxia clasts of 4E, gtz, ank. Minor graphite. Most of interval is extremely broken. Lower dc not preserved
124-7	L	14060		14090						40	4A10	Heavily gouged. Relict banding (black + Fe stained) indicates possibly 4A originally
1253	L	14090		14112						41	5D14	massive, spotty gouge near TOI lower dc sharp //sz ankeritic
131-5	L	14112		14315						42	5B8*	* ^{ankerite} gives way to cc @ 424. Incipient white mica, minor 5D. Minor irregular gtz + CO ₂ veining lower dc gradational
132-3	L	14315		14340						43	5D10	massive green w/ cc bands
143-A	L	14340		14705						44	5B8	strongly calc, (5D minor intbd) (minor OQO) pokerchip core
143-9	L	14705		14720						45	5B8	? gouge + OQO
152-24	L	14720		14995						46	5B8	strongly calc, sp CO ₂ veining
153-0	L	14995		15020						47	5B0	? 30% rec'v gouge + rubble ? fault?
154-2	L	15020		15060						48	5B8	highly fractured (minor slippage) to 504.5 lower dc //sz
158-6	L	15060		15205						49	5B0	50:50 5B2* 5D mass. lam ↳ grades to 5A9 py @ EOT lower dc lost
159-0	L	15205		15215						50	4A1	slightly fractured lower dc sharp + //sz
171-6	L	15215		15630						51	5A0	variable Si, CO ₂ + C content, 5B2 locally.
173-4	L	15630		15690						52	5A0	? gouge shearing broken core poor recovery (fault)
174-5	L	15690		15724						53	5A6	broken: → 4A @ EOT lower dc lost
175-4	L	15724		15742						54	4D0	[4G?] possible barite (4L intbd) talcy
175-4	L	15742		15755						55	4L25	5 CO ₂ = ankerite lower dc // comp banding
175-7	L	15755		15765						56	4D8	4E84 top half of unit; sfd/gtz crackle bxia w/ cc on fractures = bottom half.
178-1	L	15765		15844						57	4A0	1-2% Tot sfd

Lithologic Log

Date: _____

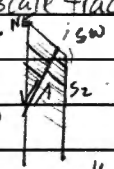
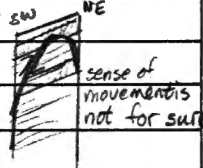
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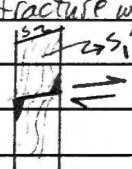
Code	From			To			Recov.			No.			Unit			Description
	1	10	14	16	20	22	24	26	28	30	34	35				
178.6	L	5844		5860						58	4E10				(thin band 4A4)	
179.2	L	5860		5880						59	4L134					
179.7	L	5880		5895						60	4D*				[4C4*] 2-5% PbZn ank +qtz in gangue	
180.7	L	5895		5930						61	4L23A?				catchall; bands of massive py w/ 4L partings (5A1 intbd)	
181.8	L	5930		5965						62	4E8				biotated + vuggy @ TOE + center	
182.3	L	5965		5982						63	4CA				biotated + vuggy FAULT?	
182.7	L	5982		5995						64	4A10				pervasive S ₂	
185.6	L	5995		6089						65	4L10					
186.2	L	6089		6109						66	4A10					
187.2	L	6109		6142						67	4E11				texture ~ nodular (spotty qtz) (4C0 locally) mat @ EOI	
197.8	L	6142		6490						68	4L14				283 borderline! 4C-4L [4L0] 60:40 4L:4C84 small 4G intbd @ 617' minor talc + mgt	
198.4	L	6490		6510						69	4A0					
204.7	L	6510		6717						70	4L14				283 → 4L2 @ EOI lower etc lost	
228.4	L	6717		7493						71	5A19				minor dissem py + py blebs; 2 small intbds of 4A4 locally calc lower etc gradational	
237.3	L	7493		7785						72	5B26				locally dolomitic, locally → 5A minor sfd 5B269 @ EOE lower etc not preserved but it might have been // S ₂	
237.5	L	7785		7792						73	4E0					
238.3	L	7792		7818						74	4A0				lower etc // S ₂	
238.6	L	7818		7830						75	4E1*				large clasts of Si, ank, 4L; lower etc gradational	
239	L	7830		7843						76	4G48				~15% BasO ₄ ; both honey + orange sp well banded, mgt follows banding, lower etc sharp + // S ₂	
239.6	L	7843		7860						77	4C0				(4L0) (4A1) lower etc // banding	
240.2	L	7860		7880						78	4L0					
241.5	L	7880		7923						79	4A1				~30% graphite 20% Tot sfd 50% qtz (4L, 4C @ EOI) lower etc // banding	
243.8	L	7923		8000						80	4E68				gangue = BasO ₄ , qtz, CO ₂ (5-10% gangue) banded. Some vug-lined fractures Possible fold nose 795' defined by mgt bands	
246.4	L	8000		8085						81	4E8				20% 4L0 intbds. Minor CO ₂ gangue	

Structural Log

Code	From				To				Feature	E of S ₀	S ₀		S ₁		S ₂		Description
	10	14	16	20	22	24	26	28			Dip	Direct.	Dip	Direct.	Dip	Direct.	
S				750	C.S.2										70	230	
S				880	C.S.2										75	230	in metabasite S ₁ 45°/230°
S				910	C.S.2										55	230	Dip Direction
				1000													faulted etc 50°/40° NE @ 100.5'
S				1050	C.S.2										52	230	
S				1210	C.S.2										52	230	@ 121.0' post-S ₂ faulted etc?
																	5D4 interbed @ Top of 5B2 interval
S				1225	C.S.2										54	230	
																	@ 138' stp. irreg veining 20° to C.A.
S				1420	C.S.2										40	230	@ 142' stp irreg veining 10° to C.A.
																	no consistent direction
S				1550	C.S.2										74	230	@ 155' veining 43° to C.A.
S				1730	C.S.2										59	230	
S				1880	C.S.2										50	230	
S				1940	C.S.2										50	230	etc
S				2000	C.S.2										34	230	~ same as etc @ 198'
S				2210	C.S.2										05	230	nearly vertical, undulating S ₂ foliation preserved in gneiss unit. F ₂ short limb? shearing foliation?
S				2225	C.S.2										52	230	
S				2335	C.S.2										60	230	
S				2470	C.S.2										66	230	
S				2680	C.S.2										68	230	
S				2845	C.S.2										55	230	
S				2855	C.S.2										55	230	foliation defined by mottles. 45-65° dip, 55-95° direction = attitude of minor slippage faults @ 290°

Structural Log

Code	From		To		Feature	SVE	S ₀		S ₁		S ₂		Description
	10	14	16	20			22	24	26	28	32	34	
													295.5-297.0' possible fault (bxia) no measurements possible
S				301.60	C/S ₂							610 230	
S				321.05	C/S ₂							510 230	
S				322.50	C/S ₂							510 230	mottled
													spotty gouge esp 328.5-330'
S				341.70	C/S ₂							610 230	
S				361.40	C/S ₂							615 230	
													365-377.5 probable fault. gouge to 366 then broken tubby core. No measurements possible
S				376.60	C/S ₂							512 230	→ comp banding in stds, @400 bxia in stds
				391.70	C/S ₂							50 230	406-409' gouge, no attitudes
S				411.10	C/S ₂							512 230	5D, is this S ₁ ?
S				425.0	C/S ₂							50 230	
S				438.5	C/S ₂							50 230	
S				459.0	C/S ₂							61 230	470.5-472 gouge, no att.
S				476.0	C/S ₂							57 230	
S				493.7	C/S ₂							55 230	
													@503' small scale fracture w/ slight offset  S ₂ 45°/230° Fault 22°/60°
													@504' bxia, no attitudes
S				511.50	C/S ₂							37 230	5D, S ₁ ?
S				521.2	C/S ₂							418 230	lith etc // S ₂
S				530.0	C/S ₂							512 230	
													@537.5 small scale fracture w/ slight offset  S ₂ 50°/230° Fault 44°/300° sense of movement not for sure
													fractures w/ similar dip, variable dip direction continue to ~54°

Code	From		To		Feature	SVE	S ₀		S ₁		S ₂		Description	
	10	14	16	20			22	24	26	28	32	34		38
S			1541	1600	C/S ₂							45	230	
S			1561	1600	C/S ₂							53	230	
S			1575	1580	P/S ₂							45	230	comp banding (or s ₂ ?) in sfd
S			1584	1600	C/S ₂							65	230	comp banding (s ₂ ?) in sfd + etc
S			1589	1600	C/S ₂							65	230	"
S			1593	1600	C/S ₂							48	230	"
S														596.5 - 598.2 bria + vuggy no attitudes
S			1610	1650	C/S ₂							55	230	s ₂ in 4A
S			1611	1600	C/S ₂							61	230	ribbon bands (s ₂ ?) in 4A
S			1618	1600	P/S ₂							65	230	comp banding (s ₂ ?) in sfd
S			1638	1600	P/S ₂							75	230	comp banding (s ₂ ?) in sfd
S			1666	1600	C/S ₂							68	230	
S			1674	1600	C/S ₂							72	230	
S			1697	1600	C/S ₂							65	230	
S			1714	1600	C/S ₂							90	230	
S			1728	1600	C/S ₂							75	230	
														@ 729.5' ^{low angle} small scale fracture w/ offset 
														S ₂ 55°/230° Fault 62°/230° S ₁ 25°/230°
S			1742	1600	C/S ₂							65	230	
S			1757	1600	C/S ₂							60	230	fracture @ 45° to C.A./230°
S			1773	1600	C/S ₂							70	230	
S			1779	1600	C/S ₂							65	230	lith etc // comp banding?
S			1779	1600	C/S ₂							55	230	ribbon bands s ₂ in 4A
S			1784	1600	C/S ₂							55	230	lith etc // comp banding
S			1789	1600	C/S ₂							65	230	s ₂ in 4A
														@ ~ 795' possible fold nose defined by mag bands
S			1815	1600	C/S ₂							75	230	
S			1828	1600	C/S ₂							60	230	
S			1830	1600	C/S ₂							65	230	fold nose? shear? short limb?
S			1843	1600	C/S ₂							60	230	

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

ASSAY LOG (SAMPLER'S COPY) Date 6/3/81

CODE	FROM Feet				SAMPLE	Feet				REC. (m)	UNIT	DESCRIPTION	
	10	14	16	20		22	26	28	30				32
A	1377	5	1380	0	162159		125	125			44L101		
	1380	0	1383	0									
A	1383	0	1388	5	162160		155	142			44D101		
A	1388	5	1393	0	162161		155	157			44E101	(4E6)	
A	1393	0	1394	0	162162		110	110			44K141X		
A	1394	0	1399	0	162163		150	156			44E142		
A	1399	0	1406	0	162164		170	171			44E11X		
A	1572	4	1574	2	162165		118	119			44D101	[4G] (4L)	
A	1574	2	1575	5	162166		113	110			44L253		
A	1575	5	1576	5	162167		110	110			44D181	4E84 / sfd-gt-bxica	
A	1576	5	1582	0	162168		155	141			44A101		
A	1582	0	1584	4	162169		124	136			44A101		
A	1584	4	1586	0	162170		116	113			44E101		
A	1586	0	1588	0	162171		120	120			44L113	4	
A	1588	0	1589	5	162172		115	116			44D1X		
A	1589	5	1593	0	162173		135	138			44L23A		
A	1593	0	1596	5	162174		135	131			44E81		
A	1596	5	1598	2	162175		117	114			44C1A1		
A	1598	2	1599	5	162176		113	113			44A101		
A	1599	5	1604	0	162177		145	165			44L01		
A	1604	0	1608	9	162178		149	157			44L01		
A	1608	9	1611	0	162179		120	126			44A101		
A	1611	0	1614	2	162180		133	135			44E111	(4C0)	
A	1614	2	1620	5	162181		163				44L114	283 [4LC]	} spilled + divided into 3 sample bags
A	1620	5	1627	0	162182		165						
A	1627	0	1632	0	162183		150						
A	1632	0	1639	0	162184		170	175					
A	1639	0	1649	0	162185		100	102					
A	1649	0	1651	0	162186		120	122			44A101		
A	1651	0	1655	5	162187		145	166			44L114	283	
A	1655	5	1663	0	162188		175	175					} same
A	1663	0	1667	5	162189		145	146					
A	1667	5	1671	7	162190		142	141					
A	1778	5	1779	2	162191		107	113			44E01		
A	1779	2	1781	8	162192		126	125			44A101		
A	1781	8	1783	0	162193		112	116			44E11X	8	

Structural Log

Code	From		To		Feature	SYM	S ₀		S ₁		S ₂		Description
	10	14	16	20			22	24	26	28	32	34	
F				932	IF				70	180			
F		932		955	IG								
F				967	G								
F				980	G								
F		980		1005	2G								50° to CA at FOI
F				1045	R								
F		1388		1770	XP								steep
F				1770	IG								
F		219		2200	G								steep S ₂ in Gorge
F		289		2955	IG								
F		2955		2970	XG								
F				3208	GP								
F		3285		3300	G								
F		3580		3650	R.P. 2								
F		3650		3660	G								
F		3660		3775	R.IG								
F		385		3882	BR								
F		3882		3885	X.P.								
F		3940		3990	B								
F		3990		4060	DB								
F		4060		409	GR								
F		4340		4705	T								
F		4705		4720	G								
F		4720		4995	XP								steep
F		4995		5020	GR.P.3								
F		5020		5045	B				22	180			
F		4995		5045	F.P.								
F		563		568	GP								
F		569		5724	B								
F		5760		5765	XP								
F		5930		5982	X.P.								
F		829		8445	B								
F		8445		8465	GB								
F		8465		8570	3.B								
F		897		898	IG								
F		946		9535	G								
F		9535		9680	XP?								
F		5375		5460	IF								44.070

DIAMOND DRILL RECORD

LOGGED BY F. Chow

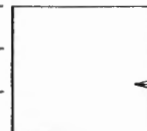
D.D.H. No. 75-A77 PAGE 5 of 15

PROPERTY _____

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

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



CLAIM No. _____

DIRECTION AND DISTANCE FROM

NE. CLAIM POST

FOOTAGE		DESCRIPTION	Rec. Ft.	Sample No.	Footage		Sample Length	Assay					Assay x Feet					
FROM	TO				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag			
353.0	377.5	QUARTZ - GRAPHITE + SERICITE PHYLITE 50-55% quartz-feldspar. Minor sericite. Thinly laminated. Fissile. Highly sheared. 365 (?) - 365.7' -- fault gouge; 372.5 - 373.3' -- sheared and brecciated. Core Angles: 75° @ 367', 45° @ 370', 60° @ 375', 65° @ 377'.																
			3.4/12		353.0	365.0												
			1/1			366.0												
			5.8/11.5			377.5												
377.5	383.5	QUARTZ - SERICITE PHYLITE WITH SULPHIDES Sericitic, bleached phyllite, talcy with brecciated parts at 377.5-380', 5% pyrite, 4% lead-zinc. 380-382' -- gray phyllite, barren -383.5' gray, also bleached sericite, and massive pyritic sulphides, 0.5% lead-zinc Core Angles: 55° @ 378', 40° @ 379', 85° @ 381'.																
			3.9	1497	115.06	377.5	383.5	6.0	.85	.78	.41							
383.5	406.0	MASSIVE SULPHIDES AND SULPHIDE BRECCIA 383.5-385.0' -- 50-60% pyrite, 0.5% magnetite, 7% lead-zinc, clusters of chalcopyrite -388.2' -- 50-60% pyrite, 0.1% magnetite, 9% lead-zinc -390.5' -- 75% pyrite, 0.5% lead-zinc -393.0' -- 80% pyrite, 6% lead-zinc -398.2' -- 70% pyrite, 8% lead-zinc -406.0' -- sulphide and feldspar breccia, 4.5% pyrite, 1% lead-zinc Zone appears to be highly fractured (core broken up). Highly sheared from 401.5-405'.																
			2.7	1498	1.26	383.5	388.2	4.7	3.45	2.82	1.00			6.27				
			2.0	1499		390.5	2.3	2.3	1.28	.64	.71			1.92				
			6.5	1500		398.2	7.7	7.7	3.60	2.88	1.88			6.48				
			6.3	1801		406.0	7.8	7.8	.73	.52	.44							

DIAMOND DRILL RECORD

LOGGED BY E. Chow

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

PROPERTY _____

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

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



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

FOOTAGE		DESCRIPTION	Rec. Ft.	Sample No.	Footage		Sample Length	Assay					Assay x Feet				
FROM	TO				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag		
609.2	671.6	QUARTZ - SERICITE PHYLLITE WITH SULPHIDES Bleached buff. 50% quartz-feldspar, 1-50% pyrite, 0-10% lead-zinc, 0.05% magnetite - scattered. Zone generally quartzzy though readily parts along sericitic foliation. Moderate shearing and moderate fracturing. Mineralization dissem. in F2 bands.	4.4	2201	135.7	609.2	615.0	5.8	.63	.21	.41						
		609.2-611.2' -- quartz-sericite-graphite, 2% pyrite, 0.05% lead-zinc.	4.2	2203		627.5	5.5	2.08	2.52	.74				11.44	13.86	4.07	
		-614' -- massive and near massive fine grained pyrite and quartz. No lead-zinc.															
		-640' -- near uniform mineralization, some barren sericitic bands. Av. 25% pyrite, 8-10% lead-zinc. Minor magnetite occurring as bands or blebs and scattered.	3.6	2204		632.0	4.5	1.28	1.16	.44				5.76	3.22	1.98	
		-645' -- more sericitic, minor shear with breccia, 13% pyrite, 7% lead-zinc.	6.9	2205		640.0	8.0	3.00	2.64	.88				24.00	21.12	7.84	
		-650.9' -- quartz-sericite + quartz-sericite-graphite bands; 5% pyrite, 4.5% lead-zinc, moderate shearing.	4.4	2206		645.0	5.0	1.68	1.30	.56				8.40	6.50	2.80	
		-663.0' -- alternating rich and lower grade sulphides, latter very sericitic and often talcy. Much fracturing and moderate brecciation cemented; 25% pyrite, 9% lead-zinc, 0.3% magnetite @ 651'-654'. Lead-zinc finely dissem. within bands.	4.9	2207		650.9	5.9	1.38	1.18	.47				8.142	6.942	2.723	
		-671.5' -- similar to 650.9-663' except more talcy sericitic bands with low grade lead-zinc. Av. 12% pyrite, 6% lead-zinc, 0.3% magnetite @ 669-669.8'	4.5	2208		655.5	4.6	2.70	2.46	.91				12.62	11.316	4.126	
			7.0	2209		663.0	7.5	2.38	2.28	.88				17.85	17.10	6.60	
			7.8	2210		672.0	9.0	1.73	1.36	.59		3.09					
		Core Angle: 75° to 614-626', 70° @ 627', 60° @ 628', 75° @ 630-671' with a few 5-15' changes immediately adjacent to shears.				137.4	202.1	14.7									
					<u>Wt. Av.</u>	615.0	663.0	4.8.0	2.15	2.10	0.73 (25)	4.25	103.372	100.978	35.049		
					<u>Wt. Av.</u>	640.0	650.9	10.9	1.52	1.24	0.51 (17.5)	2.76	16.542	13.442	5.523		

DIAMOND DRILL RECORD

LOGGED BY F. Chow

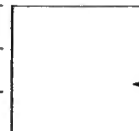
D.D.H. No. 75-A77 PAGE 11 of 15

PROPERTY _____

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH Ultimate: _____



CLAIM No. _____

DIRECTION AND DISTANCE FROM
NE. CLAIM POST

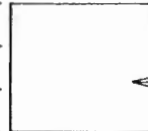
FOOTAGE		DESCRIPTION	Rec. Ft.	Sample No.	Footage		Sample Length	Assay					Assay x Feet				
FROM	TO				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag		
671.6	746.0	QUARTZ- GRAPHITE PHYLLITE 45-50% quartz-feldspar, 0.5% pyrite dissem in quartzose bands or laminae, also occur as discontinuous streaks along F2 foliation, minor amounts in Fl. Phyllite thinly laminated, sometimes as wider banding. 687-687.4' and 688-688.4' -- bands of quartz-sulphide + 55% pyrite, 13% lead-zinc, also pyrrhotite. Phyllite moderately fissile. 689-740' -- a few small shears, many slips, crumpled or contorted banding locally. Core Angles: 70-75° to 727', 40° @ 730-1, 70° @ 732', 75° @ 733-746'.	15.5/17 1.6/9 11/12 0.6/2 14/14 14/14		672.0	689.0											
746.0	778.5	QUARTZ - SERICITE - GRAPHITE PHYLLITE Light to medium gray. 35-40% quartz-feldspar, 1-5% graphite. Thin quartzose banding with fine foliations of sericite-graphite. Moderately fissile. Odd stringers pyrite. Many slips with considerable movement @ 773-782'. Core Angles: 75° @ 747', 60° @ 749-759', 70° @ 754-764', 75° @ 765-775', 55° @ 776', 45-40° @ 778'.	325 / 325		746.0	778.5											
778.5	814.0	QUARTZ - SULPHIDES + MASSIVE SULPHIDES, WITH INTERMITTENT SECTIONS OF SERICITIC AND/OR GRAPHITE PHYLLITE 778.5-779.6' -- massive pyrite (75-80%), slips parallel core, part sulphide breccia in quartz-sulphide matrix.	2.8 4.4	1807 1808	778.5 778.5	781.6 786.4	3.1 4.8	.37 3.15	.63 2.28	.18 1.21		1.00			15.12	10.944	5.808

DIAMOND DRILL RECORD

LOGGED BY F. Chow

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

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



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

FOOTAGE		DESCRIPTION	Rec. Ft.	Sample No.	Footage		Sample Length	Assay					Assay x Feet					
FROM	TO				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag			
814.0	824.5	QUARTZ - GRAPHITE PHYLLITE WITH SULPHIDES 60% quartz-feldspar, thin graphitic foliations with 1/2" graphitic quartzose bands. F1 well developed, sub-vent to F2. 1-3% pyrite dissem in quartzose bands, odd spot of lead-zinc-copper. Moderately fissile. Non-competent rock. Core Angle: 75° throughout.	4/4.5		814.0	818.5												
			4.5/6			824.5												
824.5	827.6	QUARTZ - SULPHIDE WITH GRAPHITE Siliceous rock containing banded and kinky broken bands of pyrite with minor (2%) graphitic threads. No lead-zinc noted. 55% pyrite. Core Angle: 60-70° undulating.	2.7/3.1		824.5	827.6												
827.6	847.5	QUARTZ - GRAPHITE PHYLLITE As 814-824.5' but sheared, fractured and broken. Highly fissile Core Angles: 60° @ 830', 5° @ 830-831', 30-40° @ 832-835', 40-45° @ 835-844'.	3.3/3.9 2/4.5 4.5/11.5		827.6	831.5 836.0 847.5												
847.5	852.0	QUARTZ - SULPHIDE WITH GRAPHITE Similar to 814-824.5' but highly fractured and broken. 60 % pyrite. Possible spots of lead-zinc.		1831	258.3 847.5	1.4 852.0	4.5	0.08	0.07	0.03		0.11						

DDH: FAGA077 -- 132 DEGREE PROFILE

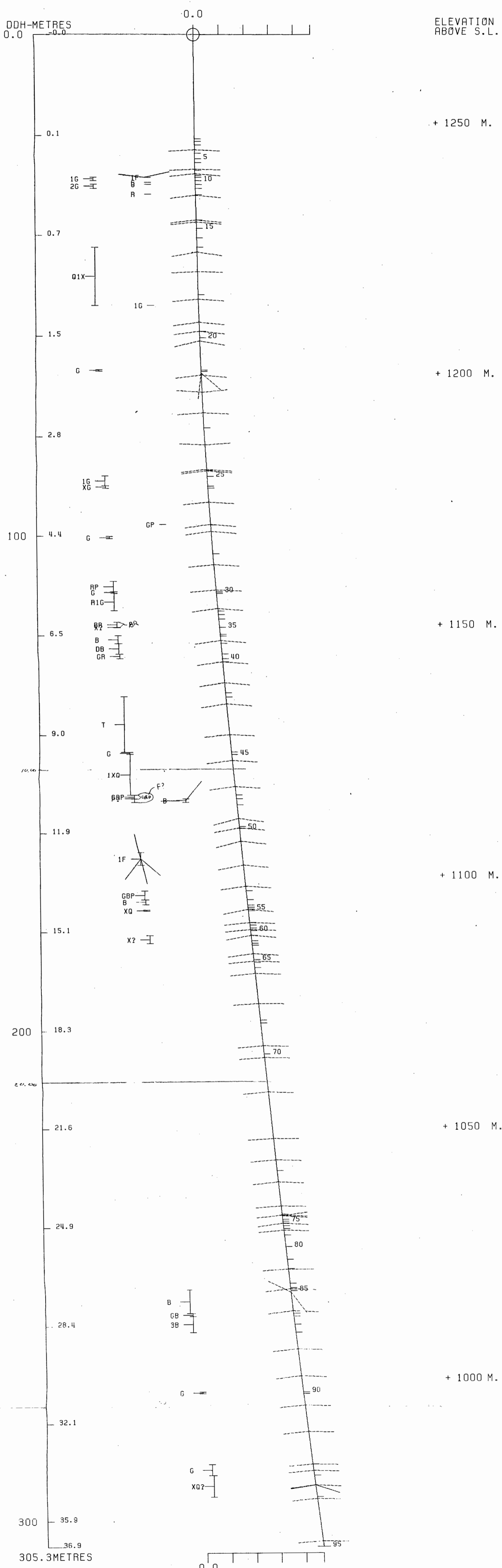
(VIEW AZIMUTH = 42 DEGREES)

ELEV: 1268 592402E ; 904654N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 757.3 Z = 1267.6

SECTION NAME: 02S



DDH: FAGA077 -- 132 DEGREE PROFILE

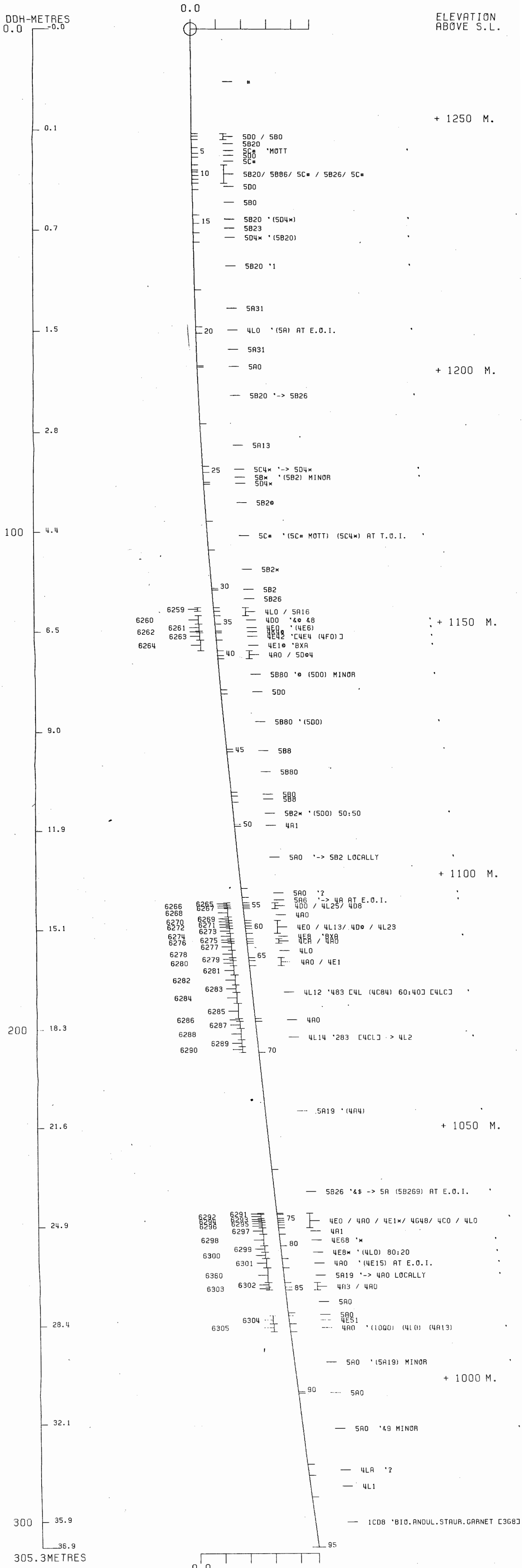
(VIEW AZIMUTH = 42 DEGREES)

ELEV: 1268 592402E ; 904654N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 757.3 Z = 1267.6

SECTION NAME: 02S



FAGA081

64/1C/31

GRUP DATABASE - QUIZ REPORT

PAGE 1

DCH	SAMPLE	---DEPTH---		INT M	REC X	ROCK UNIT	S.G.	CU %	PB %	ZA %	AG G/MT	AU G/MT	PO %	PY %	BAC %	PB+ZN %	PC+PY %	ZN RATIO
		FROM	TO															
PAGAC81	8514	54.6	56.7	2.1	10C	4LC	3.39	.11	1.85	2.60	27.0	.34	5.36	10.50		4.45	15.86	.58
	8515	56.7	57.8	1.1	10C	4E+8	3.99	.16	2.70	2.40	42.0	1.03	6.84	26.00		5.10	32.84	.47
	8516	57.8	59.3	1.5	93	4A3	3.56	.20	.19	.30	13.0	.82	2.03	23.20		.49	25.23	.61
	8517	59.3	60.4	1.1	82	504+	3.10	.05	.27	.65	8.0	.41	4.00	6.50		.92	10.90	.71
	8518	60.4	61.9	1.5	6C	4E15	3.98	.41	.45	.44	18.0	.89	1.17	29.70		.89	30.87	.49
	8519	61.9	63.4	1.5	47	4E15	4.30	.43	5.50	6.60	76.0	1.17	1.21	26.70		12.10	27.91	.55
	8520	63.4	64.3	.9	100	4E#G4	4.91	.12	13.60	11.80	179.0	1.17	1.47	24.20		25.40	25.47	.46
	8521	64.3	65.7	1.4	36	4L31	3.80	.28	1.72	1.96	31.0	1.51	3.00	18.90		3.68	21.90	.53
	8522	65.7	67.1	1.4	64	4L31	3.45	.19	1.08	.87	19.0	.27	2.19	18.50		1.95	20.69	.45
	8523	67.1	68.3	1.2	92	4E4	4.49	.18	9.40	10.30	126.0	1.23	3.15	26.60		19.70	29.75	.52
	8524	68.3	69.6	1.3	38	4E4	4.78	.19	5.70	7.40	77.0	.48	2.90	32.30		13.10	35.20	.56
	8525	69.6	71.1	1.5	67	4E#4	4.49	.01	.15	.19	6.0	1.23	3.62	28.70		.34	32.32	.56
	8526	173.2	173.8	.6	83	4E0	4.14	.32	8.80	8.40	122.0	.27	6.40	30.70		17.20	37.10	.49
	8527	173.8	174.3	.5	100	4C#7	3.57	.15	1.26	1.63	27.0	.07	4.94	18.40		2.89	23.34	.56
	8528	174.3	175.6	1.3	100	4CE8	3.64	.16	1.99	2.40	32.0	.55	6.52	17.90		4.39	24.42	.55
	8529	175.6	176.9	1.3	100	4CE8	3.55	.12	1.88	2.10	29.0	.75	5.61	15.90		3.98	21.51	.53
	8530	176.9	177.8	.9	100	4L1	3.27	.08	1.17	1.58	21.0	.34	5.01	10.30		2.75	15.31	.57
	8531	184.3	185.8	1.5	100	4E+6	3.54	.12	2.06	2.80	32.0	1.03	5.49	15.90		4.84	21.39	.58
	8532	185.8	187.5	1.7	100	4E+1	3.45	.10	2.09	2.30	32.0	.55	6.07	12.40		4.39	18.47	.52
	8533	188.1	190.3	2.2	95	4E+1	3.43	.07	1.85	2.40	25.0	.34	6.38	10.90		4.25	17.28	.56
	8534	190.3	192.4	2.1	100	4E+1	3.29	.08	1.67	1.84	23.0	.41	4.14	8.60		3.51	12.74	.52
	8535	192.4	193.1	.7	100	4A3	3.45	.12	1.86	2.50	29.0	.41	6.65	12.40		4.36	19.05	.57

84/10/31

GRM DATABASE - QUIZ REPORT

PAGE 1

DCH	SAMPLE	RCCX UNIT	CPY	NORMATIVE MINERALS - WEIGHT %					OTHER	*	CPY	NORMATIVE MINERALS - VOLUME %					OTHER
				GA	SP	PO	PY	BAR				GA	SP	PO	PY	BAR	
FAGAC81	8514	4LC	.32	2.14	3.88	8.43	22.58	62.66	*	.25	.94	3.18	6.02	14.82	74.80		
	8515	4E*8	.46	3.12	3.58	10.76	55.91	26.17	*	.45	1.70	3.66	9.56	45.72	38.91		
	8516	4A3	.58	.22	.43	3.19	49.89	45.67	*	.50	.11	.41	2.52	36.21	60.26		
	8517	5D4*	.14	.31	.97	6.29	13.98	78.31	*	.10	.13	.74	4.15	8.48	86.40		
	8518	4E15	1.18	.52	.66	1.84	63.87	31.93	*	1.12	.27	.65	1.58	50.49	45.89		
	8519	4E15	1.24	6.35	9.84	1.90	57.42	23.24	*	1.24	3.54	10.27	1.73	47.94	35.29		
	8520	4ENG4	.35	15.71	17.59	2.31	52.04	12.00	*	.38	9.58	20.13	2.30	47.64	19.97		
	8521	4L31	.81	1.99	2.92	4.72	40.64	48.92	*	.68	.94	2.60	3.65	28.90	63.24		
	8522	4L31	.55	1.25	1.30	3.44	39.78	53.68	*	.45	.58	1.12	2.60	27.58	67.67		
	8523	4E4	.52	10.86	15.36	4.95	57.20	11.11	*	.56	6.59	17.47	4.90	52.08	18.39		
	8524	4E4	.59	6.58	11.03	4.56	69.46	7.81	*	.61	4.08	12.83	4.61	64.64	13.22		
	8525	4E#4	.03	.17	.28	5.69	61.72	32.10	*	.03	.09	.28	4.88	48.68	46.04		
	8526	4E0	.92	10.16	12.52	10.07	66.02	.30	*	1.09	6.71	15.49	10.83	65.34	.55		
	8527	4CN7	.43	1.46	2.43	7.77	39.57	48.34	*	.37	.69	2.16	6.01	28.18	62.59		
	8528	4CE8	.46	2.30	3.58	10.25	38.49	44.91	*	.40	1.11	3.24	8.09	27.92	59.24		
	8529	4CE8	.35	2.17	3.13	8.82	34.19	51.34	*	.29	1.01	2.74	6.71	23.93	65.32		
	8530	4L1	.23	1.35	2.36	7.88	22.15	66.03	*	.18	.58	1.90	5.53	14.30	77.51		
	8531	4E*6	.35	2.38	4.17	8.43	34.19	50.27	*	.29	1.12	3.67	6.60	24.05	64.28		
	8532	4E*1	.29	2.41	3.43	9.55	26.67	57.66	*	.23	1.09	2.89	7.01	18.00	70.78		
	8533	4E*1	.20	2.14	3.58	10.03	23.44	60.61	*	.16	.95	2.97	7.24	15.56	73.13		
	8534	4E*1	.23	1.93	2.74	6.51	18.49	70.09	*	.17	.81	2.17	4.48	11.71	80.66		
	8535	4A3	.35	2.15	3.73	10.46	26.67	56.65	*	.28	.97	3.16	7.70	18.07	69.81		

DRILL HOLE : FAGA081
NORTHING : 904,614.5
EASTING : 592,443.1
ELEVATION : 1,264.8
TOTAL DEPTH : 273.7
SECTION : W 62
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: 22
NOS DOWN-H-SURVEYS: 5
NOS DOWN-H-LITHOLOGY: 67
NOS DOWN-H-STRUCTURE: 30
NOS DOWN-H-FAULTS: 39
NOS DOWN-H-SPLINES: 5
NOS COMPOSITES: 0

DDH: FAGA081 UTM-N: 904,614.5 UTM-E: 592,443.1 UTM-ELEV: 1,264.8 TOTAL DEPTH: 273.7 SECTION: W 62
 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.
54.6	56.7	08514	2.1	2.1	4LC	3.39	.11	1.85	2.60	27.00		.34	5	10	15						
56.7	57.8	08515	1.1	1.1	4E*8	3.99	.16	2.70	2.40	42.00		1.03	6	26	32						
57.8	59.3	08516	1.5	1.4	4A3	3.56	.20	.19	.30	13.00		.82	2	23	25						
59.3	60.4	08517	1.1	.9	5D4*	3.10	.05	.27	.65	8.00		.41	4	6	10						
60.4	61.9	08518	1.5	.9	4E15	3.98	.41	.45	.44	18.00		.89	1	29	30						
61.9	63.4	08519	1.5	.7	4E15	4.30	.43	5.50	6.60	76.00		1.17	1	26	27						
63.4	64.3	08520	.9	.9	4E#G	4.91	.12	13.60	11.80	179.00		1.17	1	24	25						
64.3	65.7	08521	1.4	.5	4L31	3.60	.28	1.72	1.96	31.00	33.00	1.51	3	18	21						
65.7	67.1	08522	1.4	.9	4L31	3.45	.19	1.08	.87	19.00		.27	2	18	20						
67.1	68.3	08523	1.2	1.1	4E4	4.69	.18	9.40	10.30	126.00		1.23	3	26	29						
68.3	69.6	08524	1.3	.5	4E4	4.78	.19	5.70	7.40	77.00		.48	2	32	35						
69.6	71.1	08525	1.5	1.0	4E#4	4.69	.01	.15	.19	6.00		1.23	3	28	32						
173.2	173.8	08526	.6	.5	4E0	4.14	.32	8.80	8.40	122.00		.27	6	30	37						
173.8	174.3	08527	.5	.5	4C#7	3.57	.15	1.26	1.63	27.00		.07	4	18	23						
174.3	175.6	08528	1.3	1.3	4CE8	3.64	.16	1.99	2.40	32.00		.55	6	17	24						
175.6	176.9	08529	1.3	1.3	4CE8	3.55	.12	1.88	2.10	29.00		.75	5	15	21						
176.9	177.8	08530	.9	.9	4L1	3.27	.08	1.17	1.58	21.00		.34	5	10	15						
184.3	185.8	08531	1.5	1.5	4E*6	3.54	.12	2.06	2.80	32.00	38.00	1.03	5	15	21						
185.8	187.5	08532	1.7	1.7	4E*1	3.45	.10	2.09	2.30	32.00		.55	6	12	18						
188.1	190.3	08533	2.2	2.1	4E*1	3.43	.07	1.85	2.40	25.00		.34	6	10	17						
190.3	192.4	08534	2.1	2.1	4E*1	3.29	.08	1.67	1.84	23.00		.41	4	8	12						
192.4	193.1	08535	.7	.7	4A3	3.45	.12	1.86	2.50	29.00		.41	6	12	19						
WEIGHTED AVERAGE																					
54.6	71.1		16.5	12.0		3.99	.19	3.11	3.43	46.27	2.80	.85	3	22	25						
173.2	177.8		4.6	4.5		3.59	.15	2.60	2.85	40.19		.47	5	17	23						
184.3	187.5		3.2	3.2		3.49	.10	2.07	2.53	32.00	17.81	.77	5	14	19						
188.1	193.1		5.0	4.9		3.37	.08	1.77	2.17	24.72		.37	5	10	15						

13FE684 GRUM

DOWN-HCLE SURVEYS (DH020)

PAGE: 59

DDH: FAGA081 UTM-N: 904,614.5 UTM-E: 592,443.1 UTM-ELEV: 1,264.8 TOTAL DEPTH: 273.7 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
65.800	175.000	23.000
126.800	170.000	61.000
187.800	169.200	77.000
248.700	169.000	67.000

DDH: FAGA081 UTM-N: 904,614.5 UTM-E: 592,443.1 UTM-ELEV: 1,264.8 TOTAL DEPTH: 273.7 SECTION: W 62
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
20.7	OC01	#		0.5-	1
27.4	OC02	5B6		0.5-	1
33.1	OC03	5B6		0.5-	1
54.3	OC04	5B6	(5B26)	0.5-	1
54.6	OC05	5B46		0.5-	1
55.3	OC06	4L2		0.5-	1
56.0	OC07	5D4*		0.5-	1
56.7	OC08	4LC	(4L2) 80:20	0.5-	1
57.2	OC09	4CC	(4E1) BXA	0.5-	1
57.8	OC10	4E#8	4	0.5-	1
59.3	OC11	4A3		0.5-	1
60.4	OC12	5D4*		0.5-	1
63.4	OC13	4E15		0.5-	1
64.3	OC14	4E#4	8 POROUS (4G#)	0.5-	1
67.1	OC15	4L31	82 (4E4 POROUS) MINOR	0.5-	1
68.3	OC16	4E4	8 POROUS 8#	0.5-	1
69.6	OC17	4E4	80 BXA	0.5-	1
71.1	OC18	4E#4	POROUS (4E84#)	0.5-	1
71.6	OC19	5B4a		0.5-	1
75.4	OC20	5B6	84	0.5-	1
76.9	OC21	5DC		0.5-	1
92.8	OC22	5BC	88	0.5-	1
96.7	OC23	5DC		0.5-	1
97.5	OC24	5D0		0.5-	1
100.5	OC25	5BC	82 (5D0) (5B80)	0.5-	1
121.8	OC26	5D0	(5B80)	0.5-	1
124.6	OC27	5D0	(5E0)	0.5-	1
130.0	OC28	5DC		0.5-	1
130.9	OC29	5AC		0.5-	1
145.2	OC30	5DC	(5B80)	0.5-	1
148.9	OC31	5DC		0.5-	1
149.7	OC32	5DC		0.5-	1
151.9	OC33	5DC	(5B8C)	0.5-	1
155.3	OC34	5B80	[5D0]	0.5-	1
158.0	OC35	5DC	(5E0)	0.5-	1
160.6	OC36	5D4a		0.5-	1
160.9	OC37	5B80		0.5-	1
162.0	OC38	5DCa		0.5-	1
172.4	OC39	5A6	80	0.5-	1
173.2	OC40	5A10		0.5-	1
173.8	OC41	4EC	(5A16)	0.5-	1
174.3	OC42	4C#	8 BXA (4A) (4C7) (4L)	0.5-	1
176.9	OC43	4C*	(4C8) & SERICITIC (4E8)	0.5-	1
177.4	OC44	4L1	82 84	0.5-	1
177.8	OC45	4A34		0.5-	1
184.3	OC46	5A13	(4A2)	0.5-	1
185.8	OC47	4E*4	61 (4A1)	0.5-	1
187.5	OC48	4E*1	4 (4L0)	0.5-	1
188.1	OC49	4L1		0.5-	1
192.4	OC50	4E*1	4 (4L0)	0.5-	1
193.1	OC51	4A3	(4E4) MINOR [4D53]	0.5-	1

13FEB84 GRUM

DOWN-HOLE LITHOLOGY (DH020)

PAGE: 61

DDH: FAGA081 UTM-N: 904,614.5 UTM-E: 592,443.1 UTM-ELEV: 1,264.8 TOTAL DEPTH: 273.7 SECTION: W 62
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
198.2	0052	5A16	&C	0.5-	1
198.9	0053	5A1	(4HO 81)	0.5-	1
200.3	0054	5AC		0.5-	1
206.3	0055	5A6		0.5-	1
211.9	0056	10QC	(5A6) 85:15	0.5-	1
219.4	0057	5A16	(10QC) 90:10	0.5-	1
221.9	0058	5A6		0.5-	1
234.9	0059	5A6		0.5-	1
236.3	0060	5A6		0.5-	1
244.6	0061	5A6		0.5-	1
251.5	0062	5A6	(4LO 81)	0.5-	1
253.9	0063	5E4\$	[3C4\$?] [3D??] 3F??	0.5-	1
254.1	0064	5A6		0.5-	1
260.3	0065	5E8	[3C48] [3D??] 3F??	0.5-	1
269.1	0066	3G4	8\$ GARNET	0.5-	1
273.7	0067	3G4	BIO GARNET ANCAL. [1D0]	0.5-	1

DDH: FAGA081 UTM-N: 904,614.5 UTM-E: 592,443.1 UTM-ELEV: 1,264.8 TOTAL DEPTH: 273.7 SECTION: W 62
 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
FAGA081	0.C	21.0	CS2	M	0	0	0	0	78	230	0		1	1	1
FAGA081	0.C	33.5	CS2		0	0	0	0	38	230	C		1	1	1
FAGA081	0.0	43.6	CS2	M	0	0	0	C	64	230	C		1	1	1
FAGAC81	0.0	51.5	CS2	S	0	0	0	C	66	230	0		1	1	1
FAGAC81	0.0	61.0	CS2		0	0	0	0	52	230	0		1	1	1
FAGA081	0.C	70.1	CS2		0	0	0	0	62	230	C		1	1	1
FAGA081	0.0	79.2	CS2	S	0	0	0	C	65	230	C		1	1	1
FAGAC81	0.0	88.4	CS2	S	0	0	0	C	77	230	C		1	1	1
FAGAC81	0.0	97.5	CS2	M	C	0	0	0	69	230	C		1	1	1
FAGA081	0.0	106.7	CS2	Z	0	0	0	0	71	230	C		1	1	1
FAGA081	0.0	115.8	CS2	S	0	0	0	C	74	230	0		1	1	1
FAGA081	0.0	125.0	CS2	S	0	0	0	C	72	230	C		1	1	1
FAGA081	0.C	134.1	CS2	S	0	0	0	C	74	230	C		1	1	1
FAGA081	0.0	143.3	CS2	S	0	0	0	C	76	230	0		1	1	1
FAGA081	0.0	149.0	CS2		0	0	0	C	66	230	C		1	1	1
FAGA081	0.C	152.4	CS2	M	0	0	0	0	81	230	0		1	1	1
FAGA081	0.0	161.5	CS2	S	0	0	0	0	83	230	C		1	1	1
FAGA081	0.C	170.7	CS2	S	0	0	0	0	73	230	0		1	1	1
FAGA081	0.0	179.8	CS2		0	0	0	0	90	230	C		1	1	1
FAGA081	0.0	189.0	CS2	M	0	0	0	C	61	230	0		1	1	1
FAGAC81	0.0	198.1	CS2	Z	0	0	0	C	70	230	0		1	1	1
FAGA081	0.C	207.3	CS2	Z	0	0	0	0	70	230	0		1	1	1
FAGA081	0.C	216.4	CS2	Z	0	0	0	0	61	230	0		1	1	1
FAGAC81	0.0	225.6	CS2	S	0	0	0	0	70	230	C		1	1	1
FAGA081	0.0	234.7	CS2	S	0	0	0	C	81	230	0		1	1	1
FAGA081	0.C	243.8	CS2	M	0	0	0	C	76	230	C		1	1	1
FAGA081	0.0	253.0	CS2		0	0	0	0	61	230	C		1	1	1
FAGA081	0.C	258.5	CS2		0	0	0	C	76	230	C		1	1	1
FAGA081	0.0	266.7	CS2		0	0	0	C	90	230	C		1	1	1
FAGA081	0.0	272.8	CS2		0	0	0	C	72	230	C		1	1	1

DDH: FAGA081 UTM-N: 904,614.5 UTM-E: 592,443.1 UTM-ELEV: 1,264.8 TOTAL DEPTH: 273.7 SECTION: W 62
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DCH	F DEPTH	T DEPTH	FEAT	REC	CD	PARLL	UPPER PLANE	INTERNAL PLANE	LOWER PLANE	DHD	
FAGA081	0.0	30.4	G				0	0	G	0	1
FAGA081	27.4	33.0	PGR				0	0	C	0	1
FAGA081	56.7	57.1	D				0	0	C	0	1
FAGA081	0.0	59.2	R				0	0	C	0	1
FAGA081	59.2	60.4	2XQ				0	0	C	0	1
FAGAC81	60.4	63.3	P2R	5			0	0	C	0	1
FAGAC81	64.3	67.0	P2R	5			0	0	C	0	1
FAGA081	67.1	67.4	G				0	0	C	0	1
FAGA081	68.2	69.5	D?P	5			0	0	C	0	1
FAGAC81	0.0	69.5	R				0	0	C	0	1
FAGA081	75.9	76.1	G				0	0	C	0	1
FAGAC81	88.4	89.0	2G				0	0	C	0	1
FAGAC81	0.0	92.7	1G				0	0	C	0	1
FAGAC81	0.0	92.9	G				0	0	C	0	1
FAGAC81	106.0	106.3	G				0	0	C	0	1
FAGAC81	110.6	112.4	GP				0	0	C	0	1
FAGA081	0.0	149.0	G				0	0	C	0	1
FAGA081	148.9	149.6	G				0	0	C	0	1
FAGA081	154.3	154.4	G				0	0	C	0	1
FAGA081	0.0	155.3	1G				0	0	C	0	1
FAGA081	163.3	163.6	G				0	0	C	0	1
FAGAC81	171.2	171.2	G				0	0	C	0	1
FAGA081	0.0	173.2	1R				0	0	C	0	1
FAGA081	173.7	174.2	1DR				0	0	C	0	1
FAGAC81	177.1	177.3	G				0	0	C	0	1
FAGA081	0.0	185.7	1R				0	0	C	0	1
FAGA081	193.1	193.3	G				0	0	C	0	1
FAGAC81	198.1	198.9	X				0	0	C	0	1
FAGA081	213.7	213.9	G				0	0	C	0	1
FAGA081	219.4	221.8	G				0	0	C	0	1
FAGA081	225.3	225.4	G				0	0	C	0	1
FAGA081	231.0	231.1	G				0	0	C	0	1
FAGA081	234.9	236.3	GR				0	0	C	0	1
FAGAC81	0.0	237.7	G				0	0	C	0	1
FAGA081	241.2	241.8	G				0	0	C	0	1
FAGA081	244.4	252.9	3G				0	0	C	0	1
FAGAC81	255.7	255.9	G				0	0	C	0	1
FAGA081	258.7	266.3	NNN				0	0	C	0	1
FAGA081	273.1	273.7	NNN				0	0	C	0	1

13FEB84 GRUM

DOWN-HOLE SPLINES (DM020)

PAGE: 64

DDH: FAGA081 UTM-N: 904,614.5 UTM-E: 592,443.1 UTM-ELEV: 1,264.8 TOTAL DEPTH: 273.7 SECTION: W 62
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH SEGMENT NOS COND INDICATOR

FAGA081	1	2
FAGA081	2	2
FAGA081	3	2
FAGA081	4	2
FAGA081	5	1

**THIS REPORT WAS REQUESTED BY: LEEP .GEOLOGY AT: 17:37:10

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

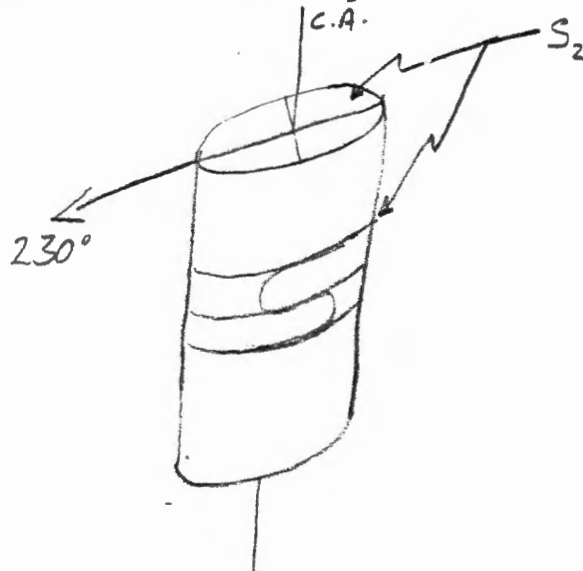
Hole Number: FAGA-081 (75-A-081)

Fabric Orientation Diagram:

Project: GRUM RE-LOG

Location: _____

Claim: _____



~~Terr. Plane~~
UTM Co-ords.: 6904614.5 N

1979
New orthophoto
Survey

592443.1 E

Grid Co-ords.: _____

All symmetry determinations looking

Elevation: 1264.8 m

NW with S₂ dipping

SW with dip azimuth 230°.

Total Depth: 898 feet

Purpose: GRUM DEPOSIT - DEFINITION

Logged by: GG

Date(s) Logged: 31 July - 1 August / 81

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

BQ G8 898ft

Started: _____ Completed: _____

Lithologic Log

Date: 31 July 81 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
L		100		1680			0101	1*	OVERBURDEN				
L		1680		1900			12	5B161	FINE GRAINED				RUBBLE
									81-85 = 30% QZ VEINS 1/5 ₂				
L		1900		11085			13	5B161	80% OF UNIT = MISSING CORE,				RUBBLE
									GOUGE & QZ VEINS				
L		11085		11780			14	5B161	+(5B26)				12 cm QZ VN 1/5 ₂
L		11780		11790			15	5B161					1/5 ₂
L		11790		11814			16	A1L21					1/5 ₂
L		11814		11836			17	5DA1*	ANK-DOLO; MASS; BUFF GRAY				1/5 ₂
L		11836		11861			18	A1L01	+(4L2 @ 0.4m = 1m)				1/5 ₂
L		11861		11875			19	A1C01	+(4E1) → BRECCIA →				COARSE RUBBLE
									4C0 + 4E1 + 4L0 + ANK CLASTS				
									HEALED BY QZ-SULPHIDE				
									MATRIX; PD AT 10cm H/W				
L		11875		11897			110	A1E1B	41-CALC				1/5 ₂
L		11897		11945			111	A1A31	+(3G12-FINELY INTERBANDS) + C				RUBBLE
									+(4E1-FINELY INTERBANDS) →				
									DOMINANT IN 0.9m F/W				
L		11945		11983			112	5D11*	DOLO; 40% OF UNIT = QZ VEINS				1/5 ₂
									+ QZ VN BRECCIA;				
L		11983		12080			113	A1E11	+(4A3 - PLYL + C PARTWKS).				
									SOME COARSE RUBBLE -				
									50% RECOVERY; +(4E14 + 1.3m) @ 0.4m F/W				
L		12080		12110			114	A1E1*4	+(4G*) + (4E*4 - POROUS) + V. ALL CALC				COARSE RUBBLE
L		12110		12201			115	A1L31	+ (10Q0) - DOMINANTLY A				
									V. KAOLINITIC ROCK.				
									+ (minor 4E4 - POROUS)				
									→ 50% RECOVERY → SOME				
									ZONES OF COARSE RUBBLE;				
L		12201		12240			116	A1EA1	± POROUS; ± CALC				? 1/5 ₂
									[GOUGE] @ 220.4 - 221.2 ft;				
L		12240		12283			117	A1EA1	[BRECCIA] 4E0 CLASTS IN				RUBBLE + MISSING CORE
									OPEN. 4E4-HEALED MATRIX;				
									50% RECOVERY;				
L		12283		12333			118	A1E*4	- CALC, POROUS				PROB 1/5 ₂
									+(4E94) @ 1.3 ft H/W				

DDH F.A.G.A.0.8.1
 2 8
 UNITS = FEET

Cyprus Anvil Mining Corp.

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Lithologic Log

Date: 31 July/81 Logged By: GG

Code	From		To		Recov.	No.	Unit	Description	F/W CNT				
	10	14	18	20					22	24	26	28	30
L	2,313	3	2,318	8		119	SIB4*	-ANK					11S ₂
L	2,318		2,473			210	SIB*	-ANK, SERICITE; 249.3 - 249.7 = GOUGE;					11S ₂
L	2,473		2,524			21	SD3						11S ₂
L	2,524		3,044			22	SIB3	± CHLORITIC 290.3 - 292.0 = 50% GOUGE			10 cm GOUGE		
L	3,044		3,171			23	SD3	DARK GREEN					11S ₂
L	3,171		3,198			24	SD3	LIGHT GREEN					11S ₂
L	3,198		3,296			25	SIB3	± - FINE GRAINED; +(SD3 - LIGHT GREEN) +(SIB3); SHARP INTERNAL CONTACTS					11S ₂
L	3,296		3,995			26	SD3	(DARK + LIGHT GREEN) +(SIB3); [GOUGE] @ 348.0 - 349.0			GRABBS OVERT 2m		11S ₂
L	3,995		4,089			27	SD3	[GOUGE] + MISSING CORE @ 363 - 369 ft; ± (SE0)			GRABBS OVERT 0.4m		11S ₂
L	4,089		4,265			28	SD3						11S ₂
L	4,265		4,295			29	SA3						11S ₂
L	4,295		4,765			30	SD3	+(SIB3)					11S ₂
L	4,765		4,886			31	SD3				GOUGE		
L	4,886		4,910			32	SD3	[GOUGE]			GOUGE		
L	4,910		4,985			33	SD3	+(SIB3)					11S ₂
L	4,985		5,096			34	SIB83	[SD3] 506.5 - 506.8 = GOUGE;			10 cm GOUGE OVERLAIN BY 10 cm QT VN		
L	5,096		5,118			35	SD3	+(FINELY INTERBAND ED SEC)					11S ₂
L	5,118		5,268			36	SD*	ANK - BROWN - LIGHT GRAY; MASSIVE;			3 cm QT VN 11S ₂		
L	5,268		5,280			37	SIB83						11S ₂
L	5,280		5,315			38	SD3*	-ANK;					~ 11S ₂
L	5,315		5,655			39	SA6	±; HIGH CARBON CONTENT; GOUGES @ 536.0 - 536.8 ft; 561.7 - 562.0 ft;					11S ₂
L	5,655		5,684			40	SA13				COARSE RUBBLE	PROB	11S ₂
L	5,684		5,702			41	AEO	+(SA16)			COARSE RUBBLE	PROB	11S ₂
L	5,702		5,718			42	A.G*	CALC ± BRITICIA + (4A1) + (ACT) +(4LO) - MIXED TAG - LARGELY COARSE RUBBLE;			RUBBLE		

Lithologic Log

Date: 31 July 81 Logged By: GG

UNITS = FEET

Code	From		To		Recov.		No.	Unit	Description	F/W CNT			
	10	14	18	20	22	24				26	28	30	34
L	15711	8	15810	3			A3	4C*	+(4C8) ± SERICITIC + (4E8 @ F/W)			11S ₂	
L	15803		15819				AA	4L11	±2 ±4			GOUGE	
									GOUGE @ 581.3-581.9 ft;				
L	15819		15833				A5	4A34				11S ₂	
L	15833		16046				A6	5A113	+(4A2)			PROB 11S ₂	
L	16046		16095				A7	4E*4	1/4 (4A1) → HONEY + REED SPHAL;			FINE RUBBLE	
L	16095		16151				A8	4E*11	1/4 (4A0 - FINELY INTERBANDDED CLASTS)			11S ₂	
									↳ 40% OF UNIT				
L	16151		16172				A9	4L11				11S ₂	
L	16172		16312				50	4E*11	1/4 (4A0 - AS UNIT 46)			11S ₂	
L	16312		16335				51	4A3	-HIGH Z + (4A0 - FINELY INTERBANDDED) + (4E4 @ 10cm F/W)			PROB 11S ₂	
L	16335		16501				52	5A116	±3			11S ₂	
									GOUGE @ 633.7-634.2 ft;				
L	16501		16527				53	5A11	+(4H0 ±1) → BRECCIA			11S ₂	
									SAL CLASTS HEALED BY 4H0				
									ALL ~ 11S ₂				
L	16527		16571				54	5A3	MOD. CALC.			GRADES 20 cm 11S ₂	
L	16571		16769				55	5A6	NON → SLIGHTLY CALC;			~ 11S ₂	
L	16769		16952				56	1.0Q9	+(5A6 ± 15% OF UNIT)			~ 11S ₂	
L	16952		17199				57	5A116	+(10Q0 = 10% OF UNIT - GENERALLY 11S ₂)			GOUGE	
									GOUGE @ 701.3-702.0				
L	17199		17280				58	5A6	UNIT = GOUGE ZONE			GOUGE	
L	17280		17707				59	5A6	HIGH CARBON ^{739.2-739.6} / _{758.0-758.4} = GOUGE			GOUGE	
L	17707		17753				60	5A6	GOUGE + FINE RUBBLE				
L	17753		18026				61	5A6	GOUGE @ 771.6-773.0 ft				
L	18026		18252				62	5A6	+(4L0 ±1) THIS IS DSO'S DOLE LAKE FAULT				
									UNIT = 95% GOUGE				
L	18252		18330				63	5E9*	-DOLO; (+1 @ 0.5m H/W)			10 cm 22 UN 11S ₂	
									-BUFF GREY				
									+ (30% GOUGE @ 1.5m H/W);				
									1% 1. mm PY CUBES @ 1m F/W;				
L	18330		18338				64	5A6	-SLIGHTLY CALC			11S ₂	
L	18338		18540				65	5E*3	-ANKERITIC; GOUGE @ 839.0-839.6 ft -				

DDH F.A.G.A.O.R.1
2 8

Cyprus Anvil Mining Corp.

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Lithologic Log

Date: 31 July 81 Logged By: GG

UNITS = FEET

Code	From		To		Recov.		No.		Unit		Description	FW CNT	
	10	14	16	20	22	24	26	28	30	34		35	TYPE
											849.0 - 874.0 ft = MISSING COREBOX - LITHOLOGY INTERPRETTED FROM I.C.A. LOGS		
L	1815	140	1818	28					166	13G4	± * DOLO [3D ⁸] ± GARNETS		115
L	1818	4	1819	80					167	13G4	+ BIOTITE + ^{RED GARNETS} SMALL ANDALUSITES. (THIS IS FARGO MINING IDO).		
											896.0 - 898.0 ft = MISSING COREBOX - LITHOLOGY INTERPRETTED FROM I.C.A. LOGS;		
											END OF HOLE @ 898.0ft;		

Structural Log

UNITS = FEET

Code	From	To	Feature	E S ₁	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	
S												78	230	Z+S CRONULATIONS
\$														GOUGE CNTS?
S												38		
S												6A		
S												66		
S												52		S-BANDS
S												62		"
S												65		
S												77		305' - GOUGE - CNTS?
S												69		
S												71		349' - GOUGE - CNTS?
S												74		369' - GOUGE - CNTS?
S												72		
S												7A		F4 @ 32/270
S												76		
\$												66		GOUGE // S ₂
S												81		ALTERNATING S/Z.
S												83		
\$														GOUGE CNT?
S												73		
\$														GOUGE CNT?
\$														GOUGE CNT?
S												90		
S												61		ALTERNATING S/Z.
S												70		635' - GOUGE - CNTS?
S												70		Z-DOMINANT OVER S.
\$												51		RZ-VEIN REGION ~ // S ₂
S												61		
\$														GOUGE CNTS?
S												70		GOUGE CNTS?
S												81		
\$														GOUGE CNTS? POSS ? // S ₂
S												76		ALTERNATING S/Z
\$														GOUGE CNTS? POSS ? // S ₂
S												61		

70CE
AKE
FAULT

DDH F.A.G.A.0.8.1
2 8

Cyprus Anvil Mining Corp.

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Structural Log

Date: 1 August 1981 Logged By: GG

UNITS = FEET

Code	From				To				Feature	S/E	S ₀				S ₁				S ₂				Description
	10	14	18	22	26	30	34	38			22	24	26	28	32	34	36	38	40	42	44	46	
S				8,480					CSZ	R													
S				8,750					CSZ	R													
S				8,950						R													
																							END OF HOLE @ 898.0 ft.

ASSAY LOG (SAMPLER'S COPY)

Date 1 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	
P	11790		11816	1	18511	4	17	1	168		14L12		+ (4L0) + (5D4*)
F	11816	1	11897		18515		3	6	136		1A1E*18		1/4 + (4C0 - BRECCIA)
P	11897		11945		18516		14	7	147		1A1A3		
P	11945		11983		18517		13	8	131		5D11*		
P	11983		12031		18518		4	8	131		1A1E1		+ (4A3)
P	12031		12080		18519		4	9	123		1A1E1		+ (4F3) ± 4
P	12080		12110		18520		13	0	130		1A1E*4		± POROUS
P	12110		12156		18521		14	6	117		1A1L131		± 2
P	12156		12201		18522		14	5	131		1A1L131		± 2
P	12201		12240		18523		13	9	136		1A1E4		+ GOUGE
P	12240		12283		18524		14	3	117		1A1E4		BRECCIA
F	12283		12333		18525		15	0	122		1A1E*4		- CALC. BRONZE + (4E8)
P	15684		15702		18526		11	8	118		1A1E0		+ (5A16)
P	15702		15718		18527		11	6	116		1A1C*		± BRECCIA + (4A1) + (4C7) + (4L0)
P	15718		15761		18528		14	3	143		1A1C*		+ (4C8)
P	15761		15803		18529		14	2	142		1A1C*		+ (4C8) + (4E8)
P	15803		15833		18530		13	0	130		1A1L1		± 2 ± 4 + (4A3A) + GOUGE
P	16046		16095		18531		14	9	149		1A1E*4		1/6/1 + (4A1)
P	16095		16151		18532		15	6	156		1A1E*4		1/1 + (4L0)
	16151		16172				12	1			1A1L1		Low GRADE - No SAMPLE - Assay = 0%
P	16172		16242		18533		17	0	170		1A1E*1		1/4 + (4L0)
P	16242		16312		18534		17	0	170		1A1E*1		1/4 + (4L0)
P	16312		16335		18535		12	3	123		1A1A3		+ (4D0)
													END OF LOG @ 298.0 ft

UNITS = FEET SPLITS

DDH F.A.G.A.0.8.1

Cyprus Anvil Mining Corp.

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UNITS = FEET.

REC'D

GEO TECH
Structural Log

Date: 1 Aug/81 Logged By: GG

Code	From		To		Feature	S ₀		S ₁		S ₂		Description	
	10	14	18	20		Dip	Direct	Dip	Direct	Dip	Direct		
1	10	14	18	20	22	24	26	28	32	34	38	40	44
	11361	11461		1190					107		125		
	11461	11561		1100					12		111		
	11561	11661		1100					100		5		
	11661	11761		1100					108		7		
	11761	11861		1100					18		7		SPLIT CORE
	11861	12331											ORE ZONE
	12333	12433		1191					119		110		
	12433	12533		1100					123		5		
	12533	12633		1100					123		6		
	12633	12733		1100					35		4		
	12733	12833		1100					24		5		
	15518	15618		1100					109		119		
	15618	15718		1188					104		133		
	15718	15833											ORE ZONE
	15833	15933		1185					100		123		
	15946	16046		1195					100		121		
	16046	16335											ORE ZONE
	16335	16435		1173					100		120		
	16435	16535		1183					108		116		
	16535	16635		1100					100		17		
													END OF HOLE @ 2980 ft

DDH FAG 4081
 2 8
 FEET

Cyprus Anvil Mining Corp.

Page _____ of _____

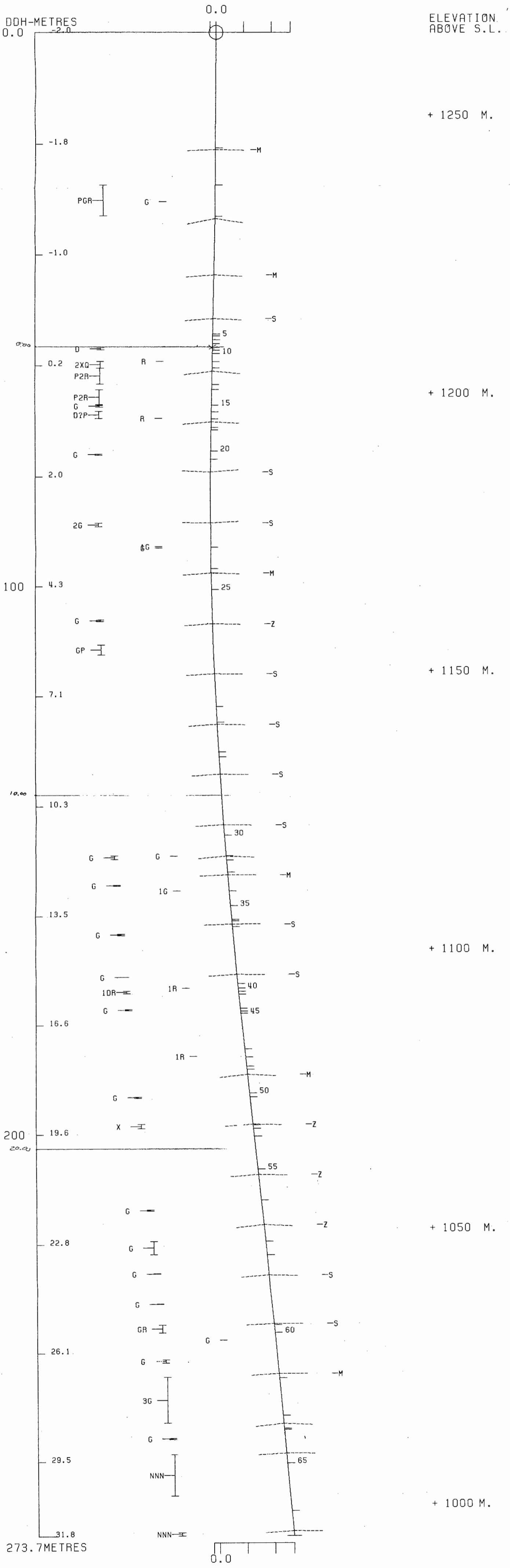
Structural Log

Date: _____ Logged By: _____

Code	From		To		Feature	E S	S ₀		S ₁		S ₂		Description	
	10	14	16	20			22	24	26	28	32	34		38
F		9,00		1,085	SPGR									
F		1,861		1,875	D ₁									
F				1,945	R ₁									
F		1,945		1,983	2XQ									
F		1,983		2,080	P2RS									
F		2,110		2,201	P2RS									
F		2,204		2,212	G ₁									
F		2,240		2,283	D.P.P5									
F				2,283	R ₁									
F		2,493		2,497	G ₁									
F		2,903		2,920	2G									
F				3,044	1G									
F		3,480		3,490	G ₁									
F		3,630		3,690	GP									
F		4,886		4,910	G ₁									
F		5,065		5,068	G ₁									
F				5,096	1G									
F		5,360		5,368	G ₁									
F		5,617		5,620	G ₁									
F		5,702		5,718	1DR									
F				5,684	1R									
F		5,813		5,819	G ₁									
F				6,095	1R									
F		6,337		6,342	G ₁									
F		6,501		6,527	X ₁									
F		7,013		7,020	G ₁									
F		7,199		7,280	G ₁									
F		7,392		7,396	G ₁									
F		7,580		7,584	G ₁									
F		7,707		7,753	GR									
F		7,916		7,936	G ₁									
F		8,02		8,300	3G									
F		8,390		8,396	G ₁									
F		8,490		8,740	NNN									
F		8,960		8,980	NNN									
F				1,000	G ₁									

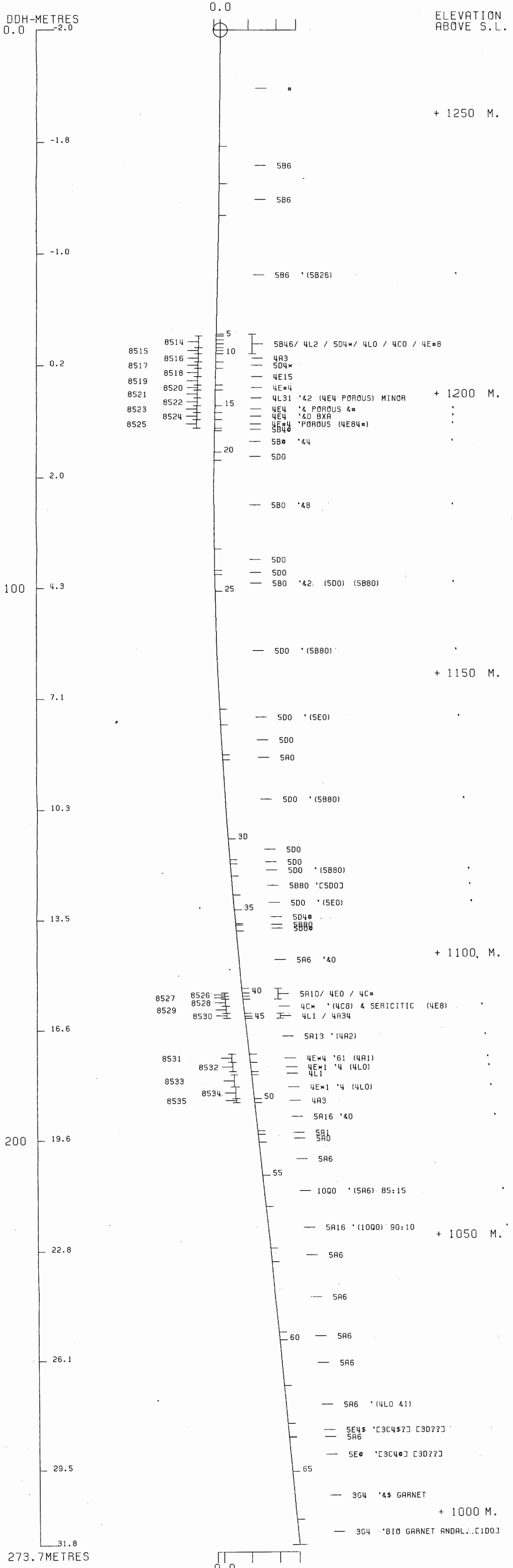
DDH: FAGA081 -- 132 DEGREE PROFILE
 (VIEW AZIMUTH = 42 DEGREES.)

ELEV: 1265 592443E ; 904615N.
 PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2
 CORRECTED COLLAR POSITION: X = 814.3 Z = 1264.8
 SECTION NAME: 02S



DDH: FAGA08) -- 132 DEGREE PROFILE
 (VIEW AZIMUTH = 42 DEGREES)

ELEV: 1265 592443E ; 904615N
 PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2
 CORRECTED COLLAR POSITION: X = 814.3 Z = 1264.8
 SECTION NAME: 02S



FAGA083

DRILL HOLE : FAGAG83
NORTHING : 904,813.0
EASTING : 592,224.7
ELEVATION : 1,278.5
TOTAL DEPTH : 360.8
SECTION : W 72
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: 20
NOS DOWN-H-SURVEYS: 7
NOS DOWN-H-LITHOLOGY: 89
NOS DOWN-H-STRUCTURE: 52
NOS DOWN-H-FAULTS: 45
NOS DOWN-H-SPLINES: 7
NOS COMPOSITES: 0

17FE684 GRUM

DOWN-HOLE SURVEYS (DHO2C)

PAGE: 91

DDH: FAGA083 UTM-N: 904,813.0 UTM-E: 592,224.7 UTM-ELEV: 1,278.5 TOTAL DEPTH: 360.8 SECTION: W 72
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
53.600	176.600	114.000
120.100	170.200	113.000
181.100	166.200	105.000
242.000	168.000	85.000
303.000	169.000	67.000
357.800	168.400	18.000

DDH: FAGA083 UTM-N: 904,813.0 UTM-E: 592,224.7 UTM-ELEV: 1,278.5 TOTAL DEPTH: 360.6 SECTION: W 72
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
3.5	0001	#		0.5-	1
10.1	0002	5B20	&6	0.5-	1
10.9	0003	5DC	(5B6)	0.5-	1
24.8	0004	5B0	(5D0)	0.5-	1
28.7	0005	5B6	&0	0.5-	1
34.4	0006	5B3	(5A0) (5B26) E.O.I. 65:35	0.5-	1
37.5	0007	5D0		0.5-	1
39.6	0008	5DC	[5C3]	0.5-	1
40.5	0009	5C*	(5B8*)	0.5-	1
49.4	0010	5B6		0.5-	1
51.8	0011	5DC		0.5-	1
57.1	0012	5B0		0.5-	1
59.6	0013	5D0		0.5-	1
61.9	0014	5A0		0.5-	1
67.8	0015	5B0		0.5-	1
69.0	0016	5DC		0.5-	1
70.7	0017	5B6		0.5-	1
71.1	0018	5DC		0.5-	1
72.6	0019	5B0		0.5-	1
75.5	0020	5C*	(5D0)	0.5-	1
77.5	0021	5B6		0.5-	1
78.1	0022	5F13	[5B810]	0.5-	1
81.5	0023	10QC	(5A6)(5B6)(5D*) QTZ 60%	0.5-	1
82.3	0024	5B6		0.5-	1
84.2	0025	5A6		0.5-	1
93.9	0026	5B20	&6	0.5-	1
107.4	0027	5B0	&2 (5D*) MINOR	0.5-	1
108.8	0028	5D0	(5B6)	0.5-	1
125.8	0029	5B6	(5B0)	0.5-	1
127.5	0030	5A6	(5B6)	0.5-	1
132.7	0031	5B6		0.5-	1
134.7	0032	5B20		0.5-	1
138.0	0033	5B6		0.5-	1
138.2	0034	4LC		0.5-	1
140.8	0035	4E4	&1 NO CORE	0.5-	1
141.3	0036	4LA	& [5D*#]	0.5-	1
144.3	0037	4E4	&1 &# NC CORE	0.5-	1
145.1	0038	4C0	&9 (4D4) (4LC)	0.5-	1
146.5	0039	5B2*		0.5-	1
147.9	0040	5B3		0.5-	1
152.6	0041	5B3	RUBBLE	0.5-	1
156.2	0042	5EC	&1	0.5-	1
163.5	0043	5B3	& FAULT?	0.5-	1
164.6	0044	5E1		0.5-	1
165.9	0045	5EC		0.5-	1
171.3	0046	5B3	(5D0)	0.5-	1
174.8	0047	5B0	(5D0)	0.5-	1
181.4	0048	5DC		0.5-	1
181.8	0049	5B0*		0.5-	1
183.8	0050	5E0		0.5-	1
185.6	0051	5B0*		0.5-	1

17FEB84 GRUM

DOWN-HOLE LITHOLOGY (DHC20)

PAGE: 73

DDH: FAGA083 UTM-N: 904,813.0 UTM-E: 592,224.7 UTM-ELEV: 1,278.5 TOTAL DEPTH: 360.8 SECTION: W 72
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	INC
187.6	OC52	5B0		0.5-	1
188.2	OC53	4LC		0.5-	1
191.6	OC54	5B0	(5B40)	0.5-	1
192.3	OC55	5B0	(5B6 &4)	0.5-	1
192.6	OC56	5B69	1 SPHAL CPY	0.5-	1
193.6	OC57	4C0	85 (4C0)	0.5-	1
194.0	OC58	4E4	88 89	0.5-	1
194.5	OC59	4C0		0.5-	1
197.3	OC60	4A13	PHYLLITIC [4C53]	0.5-	1
197.8	OC61	4E12	(4C0)	0.5-	1
201.7	OC62	5B6	80	0.5-	1
209.7	OC63	5B26	(5A6)	0.5-	1
212.6	OC64	5B6	82	0.5-	1
214.9	OC65	5B6	86 80	0.5-	1
217.0	OC66	5B6	82 (5D02) MINCR	0.5-	1
219.0	OC67	5A16	GOUGE	0.5-	1
222.2	OC68	5B6	82 RUBBLE	0.5-	1
223.8	OC69	4E#8	(4L0 CLASTS)	0.5-	1
242.6	OC70	4A1	83	0.5-	1
245.2	OC71	5B6	82	0.5-	1
254.5	OC72	5B0	81 82	0.5-	1
257.1	OC73	4E0	(5A0) MINOR	0.5-	1
258.6	OC74	5B62		0.5-	1
260.0	OC75	4E15	(4A0 81 83) (4H0)	0.5-	1
263.3	OC76	4A0	(4H0 BXA) MINCR (4E4) MINOR	0.5-	1
270.8	OC77	5B6	82 80	0.5-	1
273.5	OC78	5A6	80	0.5-	1
274.0	OC79	4AC	PHYLLITIC [4C5] (4G#) (4E1)	0.5-	1
280.1	OC80	5B6	82	0.5-	1
281.9	OC81	5A6	80	0.5-	1
283.6	OC82	5B6		0.5-	1
291.2	OC83	5B0	(5A0)	0.5-	1
292.9	OC84	5B6	(5A6)	0.5-	1
299.4	OC85	5B62	80	0.5-	1
302.4	OC86	5A6	80	0.5-	1
354.9	OC87	5A6	(5A0)	0.5-	1
358.4	OC88	5B6	81	0.5-	1
360.9	OC89	5A6		0.5-	1

DDH: FAGA083 UTM-N: 904,813.0 UTM-E: 592,224.7 UTM-ELEV: 1,278.5 TOTAL DEPTH: 366.8 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	PRCESS
FAGAC83	0.0	10.4	CS2	Z	0		C	65		C	52		230	C		1	1	1
FAGAC83	0.0	18.3	CS2	M	0		C	0		C	66		230	C		1	1	1
FAGAC83	0.0	25.9	PS2	P	0		0	0		C	74		230	C		1	1	1
FAGA083	0.0	32.3	PS2	P	0		0	0		C	77		230	C		1	1	1
FAGAC83	0.0	39.6			0		0	0		C	90		230	C		1	1	1
FAGAC83	0.0	44.2			0		0	0		C	70		230	C		1	1	1
FAGAC83	0.0	49.1			0		0	0		C	78		230	0		1	1	1
FAGAC83	0.0	56.4			0		0	0		C	70		230	C		1	1	1
FAGAC83	0.0	64.0			0		0	0		C	85		230	C		1	1	1
FAGAC83	0.0	71.6			0		0	0		C	78		230	0		1	1	1
FAGA083	0.0	80.2			0		0	0		C	75		230	C		1	1	1
FAGA083	0.0	84.4			0		0	0		C	70		230	C		1	0	C
FAGAC83	0.0	86.9			0		0	0		C	86		230	C		1	1	1
FAGA083	0.0	91.4			0		0	0		C	68		230	C		1	0	C
FAGAC83	0.0	94.5			0		0	0		C	65		230	C		1	1	1
FAGA083	0.0	100.3			0		0	62		C	76		230	C		1	1	1
FAGA083	0.0	107.0			0		0	0		C	65		230	C		1	0	C
FAGA083	0.0	108.2			0		0	0		C	72		230	C		1	1	1
FAGAC83	0.0	115.8			0		0	0		C	69		230	0		1	1	1
FAGA083	0.0	123.4			0		0	0		C	65		230	C		1	1	1
FAGA083	0.0	129.5			0		0	0		C	49		230	0		1	1	1
FAGA083	0.0	135.6			0		G	C		C	80		230	C		1	1	1
FAGA083	0.0	144.8	PS2	P	0		0	0		C	69		230	C		1	1	1
FAGA083	0.0	152.4			0		C	0		C	75		230	C		1	1	1
FAGA083	0.0	160.0			0		0	0		0	73		230	0		1	1	1
FAGAC83	0.0	167.6			0		0	0		C	65		230	C		1	1	1
FAGA083	0.0	175.3			0		0	69		0	80		230	C		1	1	1
FAGA083	0.0	182.9			0		0	0		C	79		230	0		1	1	1
FAGA083	0.0	190.2			0		0	62		C	75		230	0		1	1	1
FAGAC83	0.0	196.6	PS2	P	0		0	0		C	60		230	C		1	1	1
FAGAC83	0.0	204.2	CS2		0		C	87		180	69		230	0		1	1	1
FAGA083	0.0	211.8			0		0	87		180	59		230	C		1	1	1
FAGA083	0.0	222.2			0		0	0		C	60		230	0		1	1	1
FAGAC83	0.0	230.1			0		0	35		180	60		230	C		1	1	1
FAGA083	0.0	237.7			0		0	0		0	75		230	C		1	1	1
FAGAC83	0.0	245.4			0		0	0		0	66		230	0		1	1	1
FAGAC83	0.0	253.6			0		C	0		0	47		230	C		1	1	1
FAGAC83	0.0	260.6			0		0	0		C	42		230	C		1	1	1
FAGA083	0.0	268.2			0		0	52		0	75		230	C		1	1	1
FAGAC83	0.0	275.8	CS2		0		0	0		C	55		230	C		1	1	1
FAGAC83	0.0	284.4	CS2	S	0		0	54		0	65		230	C		1	1	1
FAGAC83	0.0	291.4			0		0	0		C	75		230	C		1	1	1
FAGAC83	0.0	298.7			0		0	0		C	76		230	C		1	1	1
FAGA083	0.0	306.3			0		C	0		0	82		230	C		1	1	1
FAGA083	0.0	313.9			0		0	0		C	83		230	C		1	1	1
FAGA083	0.0	321.6			0		C	0		C	79		230	0		1	1	1
FAGA083	0.0	329.2			0		0	0		0	67		230	C		1	1	1
FAGAC83	0.0	336.8			0		C	0		0	77		230	0		1	1	1
FAGA083	0.0	344.4			0		0	0		0	65		230	C		1	1	1
FAGA083	0.0	352.0			0		C	0		0	75		230	C		1	1	1
FAGAC83	0.0	355.1			0		0	0		0	50		230	0		1	0	C

17FEB84 GRUM

DOWN-HOLE STRUCTURE (DH020)

PAGE: 95

DDH: FAGA083 UTM-N: 904,813.0 UTM-E: 592,224.7 UTM-ELEV: 1,278.5 TOTAL DEPTH: 360.3 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			
FAGA083	0.0	359.7		0	0	0	C	64	230	C	1	1	1

DDH: FAGA083 UTM-N: 904,813.0 UTM-E: 592,224.7 UTM-ELEV: 1,278.5 TOTAL DEPTH: 360.8 SECTION: W 72
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DJH	F DEPTH	T DEPTH	FEAT	REC	CD	PARLL	UPPER PLANE	INTERNAL PLANE	LOWER PLANE	DHD			
FAGA083	0.0	32.9	1G				0	0	C	C	0	0	1
FAGA083	47.2	47.5	P	4			0	0	C	C	0	0	1
FAGA083	49.0	49.4	SD				0	0	0	C	0	0	1
FAGAC83	0.0	51.8	XQ				0	0	C	C	0	0	1
FAGA083	78.1	81.4	Q				0	0	C	C	0	0	1
FAGAC83	81.4	82.2	1J				0	0	25	27C	0	0	1
FAGA083	0.0	85.1	1G				0	0	C	C	0	0	1
FAGA083	0.0	91.6	1G				38	0	C	C	0	0	1
FAGA083	92.6	93.2	G				0	0	C	C	0	0	1
FAGAC83	0.0	106.7	1G				37	180	0	C	0	0	1
FAGAC83	106.9	107.1	XQ				99	999	C	C	99	999	1
FAGAC83	137.7	138.2	X				0	0	C	C	0	0	1
FAGA083	138.2	140.8	NNN				0	0	C	C	0	0	1
FAGAC83	141.2	144.3	NNN				0	0	0	C	0	0	1
FAGAC83	147.9	152.5	R				0	0	C	C	0	0	1
FAGA083	156.0	156.9	1J				0	0	27	18C	0	0	1
FAGAC83	157.9	158.7	G				0	0	C	C	0	0	1
FAGAC83	159.7	162.4	P	2			0	0	G	C	0	0	1
FAGAC83	162.4	162.7	XQ				99	999	C	C	99	999	1
FAGA083	159.7	162.7	F				0	0	C	C	0	0	1
FAGA083	164.5	168.5	1J				0	0	2C	27C	0	0	1
FAGA083	168.8	169.4	G				0	0	0	0	0	0	1
FAGA083	173.2	173.7	G				0	0	G	C	0	0	1
FAGAC83	186.9	187.2	G				0	0	0	0	0	0	1
FAGAC83	0.0	206.9	1GQ				0	0	99	999	0	0	1
FAGAC83	217.6	218.8	GP				0	0	C	0	0	0	1
FAGAC83	218.9	222.1	RP	5			0	0	0	C	0	0	1
FAGAC83	222.1	223.8	XD?				0	0	C	C	0	0	1
FAGA083	0.0	243.2	1G				0	0	C	C	0	0	1
FAGA083	0.0	244.6	1G				0	0	C	C	0	0	1
FAGAC83	250.8	252.9	GP	1			0	0	C	C	0	0	1
FAGAC83	0.0	260.6	1SD				0	0	0	0	0	0	1
FAGAC83	0.0	262.2	DX?				0	0	C	C	0	0	1
FAGAC83	269.1	269.8	G				0	0	C	C	0	0	1
FAGAC83	270.4	270.5	G				0	0	C	C	0	0	1
FAGA083	0.0	270.7	DX?				0	0	C	C	0	0	1
FAGA083	0.0	273.8	1G				0	0	C	C	0	0	1
FAGAC83	283.1	283.6	Q1G				46	0	C	0	0	0	1
FAGA083	290.6	291.2	QG				17	0	C	C	0	0	1
FAGA083	0.0	308.2	1G				C	0	C	0	0	0	1
FAGAC83	309.4	310.0	G				0	0	99	999	0	0	1
FAGAC83	0.0	339.6	1G				0	0	C	C	0	0	1
FAGAC83	344.6	344.7	1G				0	0	C	C	0	0	1
FAGAC83	0.0	347.7	1G				0	0	G	C	0	0	1
FAGA083	360.5	360.8	G				0	0	0	C	0	0	1

17FEB84 GRUM

DOWN-HOLE SPLINES (DHO20)

PAGE: 97

DDH: FAGA083 UTM-N: 904,813.0 UTM-E: 592,224.7 UTM-ELEV: 1,278.5 TOTAL DEPTH: 360.8 SECTION: W 72
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH SEGMENT NOS COND INDICATOR

FAGAC83	1	2
FAGAC83	2	2
FAGAC83	3	2
FAGAC83	4	2
FAGAC83	5	2
FAGAC83	6	2
FAGAC83	7	1

DIAMOND DRILL CORE LOG

Date: 23 JUNE/81

Hole Number: 75-A-083 (FAGA-083)

Reference Fabric Orientation Diagram:

Project: GRUM

Location: SECTION 72 W

Claim:

UTM Terr. Plane Co-ords.: 6904813.0 N

1979 HSW Orthophoto Survey Grid Co-ords: 592224.7 E

All symmetry determinations looking

Elevation: 1278.5

with dipping

Total Depth:

with dip azimuth

Purpose: RELOG GRUM

Reason hole Terminated:

Logged by: GG

Date(s) Logged: 20-23 JUNE/81

Drilling Contractor:

Size CORE From To Collar Cased and Capped:

Hole Cemented:

Steel down hole:

Started: Completed:

Lithologic Log

Date: 21 JUNE/81 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
L	100	1280				0011	* OVERBURDEN & CASING			
L	1280	1330				12	5B23 ±6			RUBBLE
L	133	1356				3	5D31 LAM → (5B6 - FINE GRAINED)			11S ₂
L	1356	1813				14	5B31 + (5D3 - MASS & LAM)			11S ₂
	1813	1940					FINE GRAINED AT H/W			11S ₂
						15	5B16 - FINE GRAINED + (5B3)		3cm	PROB 11S ₂
L	1940	11130				16	5B31 V. CALC. - APPROACHING ESP TOWARD H/W;		GRADES	11S ₂
							PHYLLITIC SE;			
							INTERBANDED 5A3 + 5B26 @			
							7 ft F/W; 20cm GOUGE @ 108 ft			
L	11130	11230				7	5D31 MASS. WITH CALC LAMS;		GRADES	OVER 5cm.
L	11230	11278				8	[5C3?] DK GREEN GREY,		3cm	QZ VN
							LESS MICALYOUS THAN UNIT 7;			
							POSS. VAGUELY MOTTLED LOCALLY;			
L	11278	11330				9	5D31 DOLO; MASS & FINE GRAINED,		2cm	QZ-VN
							TO FINELY BANDED [5F*?]			
L	11330	11622				110	5B6 FINE GRAINED + (5B3 - FINE GR'D)			11S ₂
							1.0m H/W = MYLONITIC TEXTURE			
							WITH 0.1-2.0cm CALC. ROUNDED			
							CLASTS IN 5B6 SHEATH			
							MATRIX;			
							155-156 ft = 0.4 ft RECOVERY -			
							NO EVIDENCE OF PROBLEM;			
L	11622	117100				111	5D31 MASS WITH 0.5-3.0cm			NO CORE
							QZ & CALCITE VEIN-LIKE LAMS;			+QZ VN
L							F/W 0.5 ft = QZ-VN BRECCIA			BRECCIA
							+ "CORE TUBE DIDN'T LOCK";			
L	117100	11873				112	5B31 FINE GRAINED			11S ₂
L	11873	11954				113	5D31 - H/W 0.3m HAS APPEARANCE		GRADES	OVER 3cm
							OF 5B ALTERED TO 5D -			
							POSS. APPLIES TO ENTIRE			
							UNIT? - NOTE ASS'N WITH F/W 5A;			
							GENERALLY FINE GRAINED &			
							METAMORPHICALLY LAM'D; + LOCAL			
L	11954	12030				114	5A3 + LOCAL PD			GRADES
L	12030	12223				115	5B31 ± FINE GRAINED		4cm	RUBBLE

UNITS = ~~MMMAF~~ FEET

Lithologic Log

Date: 21 JUNE/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
L	2233		2263							116	SD3	MASSIVE		11S ₂
L	2263		2320							117	SB61	FINE GRAINED; SAME CALC. LAMS;		PROB 11S ₂
L	2312	0	2334							118	SD3	MASSIVE		11S ₂
L	2334		2382							119	SB3	NON-CALC. WITH HIGH FREQ. OF CALC LAMS		11S ₂
L	2382		2477							20	SD*	80% DOLO; 3% STRAILED OUT CHLORITE (MOTTLES) + (SD3 - MASS WITH POSS. (?) GRADATIONAL H/W CNT & SHARP F/W CNT)	1 cm QZ VN 11S ₂	
L	2477		2543							21	SB61	FINE GRAINED, MASSIVE;		11S ₂
L	2543		2563							22	SF13	(?) - V. SILICEOUS, LAM'D, WHITE SERICITIC;	1 cm QZ VN 11S ₂	
L	2563		2673							23	101Q01	+ (SAG) + (SB6) + (SD* ANIC) 60% OF UNIT = BULL QZ;	QZ VN	
L	2673		2710	0						24	SB61	FINE GRAINED;		11S ₂
L	2710	0	2762							25	SA61	V. HIGH CARBON, SOFT;	QZ VN RUBBLE	
L	2762		3080							26	SB23	±6; GOUGES @ 279.3-279.7 ft, 300.5-301.0 ft & 304.0-306.1 ft	RUBBLE	
L	3080		3525							27	SB*	± CARBON; SLIGHTLY CALC THROUGHOUT; FINE/GRAINED; GENERALLY DK GRAY; + (minor SD*-ANIC); GOUGE @ 350.0-350.2 ft - QZ VN BECCIA @ 351.0-351.7 ft		11S ₂
L	3525		3570							28	SD3	MASS + (SB6 - FINE GRAINED)		11S ₂
L	3570		4128							29	SB61	+ (SB3) - FINE GRAINED; ± CARBON	GOUGE	
L	4128		4184							30	SA61	+ (SB6 - FINE GRAINED); QZ VNS CUTTING S ₂ IN F/W	PROB 11S ₂	
L	4184		4354							31	SB61	FINE GRAINED, DK GRAY;		11S ₂
L	4354		4420							32	SB2*	- SLIGHTLY CALC THROUGHOUT;	PROB 11S ₂	
L	4420		4526							33	SB6	SMALL (<10cm) GOUGE ± QZ VNS = 10% OF UNIT	11S ₂	

Lithologic Log

Date: 21 June 81 Logged By: GG

UNITS = FEET

Code	From				To				Recov.	No.	Unit	Description	F/W	
	10	14	18	20	22	24	26	28					30	34
L	4520		4535							34	A1L0	+ (400 - BRECCIA - 4L0 + QZ ANGULAR CLASTS - OPEN STRUCTURE) @ 452.6 - 453.0 ft.	---	?
												4535-462.0 & 463.5-473.5 ft. WHOLE CORE SAMPLED BY K.A. - LITHOLOGY INTERPRETED FROM K.A. LOGS AND TRACES OF RUBBING LEFT IN CORE BOX;		
L	4535		4620							35	A1E1	±1	---	
L	4620		4635							36	A1L*	CALC + 25% ANK;	---	
L	4635		4735							37	A1E1	±1 ± 4% CALC	---	
L	4735		4760							38	A1C10	SERICITIC (±6% = 10%) ± 9+ (ADA) 2cm QZ VN		
L	4760		4808							39	5B23	PROD. CALCITE + CARBON; + (40) 1cm QZ VN		
												MINOR LOCAL CHALCOPY;		
L	4808		4853							40	5B3	V. CALC.		11S
L	4853		5006							41	5B3	AS UNIT 40 + SERICITE; UNIT = PROD COARSE TRUSBLE;	10cm QZ VN	
L	5006		5125							42	5E0	±1		11S
L	5125		5363							43	5B3	V. CALC + ANK (5%) [GOUGE] @ 518.3 - 520.7 ft; + (5E0 - TOWARD F/W) 524-533 - 2.2 ft RECOVERY → DRILLING PROBLEM; 533.0 - 533.8 - BRECCIA - OPEN - SILICA-ANK MATRIX, CLASTS PROD SILICIFIED 5B + CARB MASC PYRITE - HOPEWD [FAULT] ZONE?	1cm QZ VN	
L	5363		5399							44	5E1			11S
L	5399		5442							45	5E0			11S
L	5442		5620							46	5B3	V. CALC; FINE GRAINED; - IF THIS WERE OF HIGHER MET'C GRADE IT WOULD FIT AT 3D6;	6cm QZ VN	

Lithologic Log

Date: 21/June/81 Logged By: GG

UNITS = FEET.

Code	From			To			Recov.			No.	Unit	Description	F/W CNT	
	10	14	18	20	22	24	26	28	30				34	35
L	5620		5736							A.7	5B3	+(SD3-MASS); GOUGE @ 568.4-570.0ft;		11S ₂
L	5736		5950							A.8	5D3	MASS WITH CALCITE LAMS		11S ₂
L	5950		5965							A.9	5B*3	ANK - ON HIGHLY WEATHERED CORE = [SD*3] - WHEN WASHED WITH HCl = 5B*3;		11S ₂
L	5965		6030							150	5B3	FINE GRAINED;	PROB	11S ₂
L	6030		6090							151	5B*3	AS UNIT 49.		
L	6090		6156							152	5B6	SLIGHTLY GOUGE @ 613.5-614.2ft; CALC THROUGHOUT;	20cm GOUGE	
L	6156		6176							153	A10			11S ₂
L	6176		6286							154	5B3	SERICITIC + (5B45)		11S ₂
L	6286		6310							155	5B3	FINE GRAINED, DK GRAY; +(5B6+5B46 @ 629.5-631.0ft)		11S ₂
L	6310		6320							156	5B6/9	SPHAL = 5% ± CHALCOPY; ^{JSM CALLS THIS 4A}		11S ₂
L	6320		6351							157	A10	SERICITIC + (ACO-SERICITIC)		11S ₂
L	6351		6365							158	A1E/4	+(A1E4) ± 8 ± 9		11S ₂
L	6365		6380							159	A10	SERICITIC ± SPHAL;		11S ₂
L	6380		6473							160	A1A13	PHYLLITIC PARTINGS + (3G12-FINELY INTERBANDS)	PROB	11S ₂
L	6473		6490							161	A1E1*	ANK (2%) ⁺⁴⁰ + (3G12-FINELY INTERBANDS)	5cm GOUGE	
L	6490		6618							162	5B6	± 3 ± FINE GRAINED	GRADES OUTR 0.5m	
L	6618		6881							163	5B2/6	+(5A6)-FINE GRAINED;	25cm QZ VN +GOUGE	
L	6881		6975							164	5B6	± 2		
L	6975		7051							165	5B3*	DOLO ± 3 ± 6	1cm QZ VN	
L	7051		7120							166	5B6	± 2 + (minor SD*3-ANK)		11S ₂
L	7120		7185							167	5A116	THIS IS CIRQUE PORCELANITE; 714-718ft = 80% GOUGE + MISSING CORE	5cm GOUGE	
L	7185		7290							168	5B6	± 2; DECREASING CARBON TOWARD F/W;		11S
												UNIT IS ENTIRELY RUBBLE WITH LOCAL GOUGE - 6ft RECOVERY		
L	7290		7344							169	A1E*8	CALC; + ISOLATED ALO CLASTS; + MINOR AK1; + (A30) ⁺⁴⁰ SERICITIC		11S ₂
L	7344		7960							170	A1A1	± 3 + (3G12-FINELY INTERBANDS) ± SPHAL @ 4m F/W;	40cm GOUGE	

Lithologic Log

UNITS = FEET

Code	From			To			Recov.			No.	Unit	Description	F/W CNT	
	10	14	18	20	22	24	26	28	30				34	35
	79.60		80.46							7.1	5B61	± CARBON; FINE GRAINED; 10cm GOUGES @ 798.0 & 802.7 ft		NS
L	80.46		83.50							7.2	5B3	±1 ±2 → INCREASING TOWARD F/W; GENERALLY DK. GRAY; FINE GRAINED; 823.0-830.0 ft = 0.8 ft RECOUROY, LARGELY GOUGES	OBLIQUE TO S ₂	
L	83.50		84.35							7.3	AE01	+(5A0) → minor = P1 → WARD F/W	RAGGED ~ S ₂	
L	84.35		84.85							7.4	5B62			
L	84.85		85.30							7.5	AE1.5	+(4A ± 1 ± 3)	MINOR BRECCIA	S ₂
												+(4H0) @ 851.8 - 853.0 ft ± minor elsewhere		
												MINOR ^{P0} SHEAR BRECCIA @ 855.0 ft		
L	85.30		86.37							7.6	4A1.0	+(3G12 - FINELY INTERBANDON) +(4H0 @ 860.0 - 860.6 ft AS OPEN QZ-CARBONATE ^{4E} BRECCIA CLASTS IN 4H0 MATRIX) +(minor 4E4 NEAR F/W)	PROB S ₂	
L	86.37		88.83							7.7	5B61	±2 ±3; DK GRAY GOUGE @ 883.2 - 885.4 ft ± 887.2 - 887.6 ft +(4H* - BRECCIA + SPHAL) @ 888.1 - 888.3 ft		S ₂
L	88.83		89.72							7.8	5A61	±3		PROB S ₂
L	89.72		89.90							7.9	4A4.0	-PHYLLITIC - MIXED BAG → +(4G* - CALC) +(4E1) + (4H0) 5cm GOUGE @ 898.4 ft	RUBBLE ^{P0}	
L	89.90		91.19							8.0	5B61	±2; FINE GRAINED		S ₂
L	91.19		92.50							8.1	5A61	+(5A3) QZ VN + MINOR GOUGE @ 929.0 - 930.5 ft 5cm GOUGES @ 932.0, 937.8 ft - 953.5 - 955.5 = 50% GOUGE (F/W) + 50% QZ-CALCITE VNIS ~ S ₂ (H/W)		S ₂
L	92.50		93.05							8.2	5B61	-FINE GRAINED		QZ VN
L	93.05		95.55							8.3	5B3	+(5A3)		GOUGE

Lithologic Log

Date: 22 June/81 Logged By: GG

UNITS = FEET

Code	From		To		Recov.		No.		Unit	Description	F/W/ CNT		
	10	14	18	20	22	24	26	28			30	34	35
L	19.5	55	19.6	10					1814	51B161	FINE GRAINED + (5A6)		11S
L	19.6	10	19.8	22					1815	51B162	±3		11S
L	19.8	22	19.9	20					1816	51A161	±3		11S
L	19.9	20	11.16	A3					1817	51A161	+ (5A3); HIGH CARBON; mod siliceous locally. Gouges @ 1011.1-1011.6 ft, 1015.2-1017.3 ft, 1114.0-1114.5 (PROB ONLY V. W. NOT MOVEMENT) 1130.7-1131.2 (2Z-CB VNS 11S ₂ IN H/W), 1140.6-1141.0 ft;		11S
L	11.16	A3	11.17	60					1818	51B161	±1		11S ₂
L	11.17	60	11.18	40					1819	51A161	1183.0-1184.0 = GOUSE;		
											END OF HOLE @ 1184.0 ft		

DDH FAGAD.83
2 8

Cyprus Anvil Mining Corp.

Page 9 of 12

Structural Log

Date: 23 June 81 Logged By: GG

UNITS = FEET.

32-3
39-6
44-2
56-4
64
91-4
100-3
115-8
135-6

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			1340		C ₁ S ₂ Z		65 100	52 230	Z-REGION - 28-56
S			1610		C ₁ S ₂ M			66	M + R → 56-90
S			1850		R ₁ S ₂			7A	
S			11060		R ₁ S ₂			77	S & Z's → 90-108
\$			11080						GOUGE CNT?
S			11300					910	S-108-125
S			11450					710	P-125-140
									Z-140-145
									R ¹⁴⁵ 145-175'
S			11610					718	175'-QZ BIRECCIA CNT?
S			11850					710	S & Z's - 175-210
S			12110					815	S - 210-220
S			12350					718	P ^{poss m} + R 220-328'
S			12630					715	260.0-QZ VN CNTS?
\$	12650		12770					710	265-277-TENSION GASHS @ 25/270;
\$			12800						GOUGE CNT?
S			12850					816	
\$			13000					618	GOUGE H/W CNT @ 38/00 F/W?
\$			13040						GOUGE CNTS?
S			13100					615	
\$	13080		131180						TENSION GASHS - VARIABLE BUT GENERALLY SMALL & TO C.A.
\$			13280						GOUGE CNT?
S			13290				612 1010	716	Z ⁴⁸ 328-350'
\$			13510					615	QZ VN BX CNTS // S ₂ / GOUGE H/W CNT @ 350' = 37/1
S			13550					712	R+P-350-376
S			13810					619	S-376-395
S			14050					615	R-395-413
\$	14130		14180						GOUGE H/W CNT (?)
S			14250					49	F/W CNT @ 05/00
\$			14270						GOUGE CNT? QZ VNS M/S
\$			14420						GOUGE CNT?
S			14450					80	R+Z-413-445
									S(?) ^{tr} 445-454

DDH F.A.G.A.083
2 8

Cyprus Anvil Mining Corp.

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Structural Log

Date: 23 Jun 81 Logged By: GG

UNITS = FEET.

144.8
156.1 -
167.6 -
190.2
196.6
204.2
230.1
245.4
260.6

Code	From				To				Feature	SYM	S ₀		S ₁		S ₂		Description		
	10	14	18	20	22	24	26	28			Dip	Direct.	Dip	Direct.	Dip	Direct.			
144.8	154	0	173	0													NO COBBE		
S			175	0	R	S	Z						61	7			S-BANDS		
S'			500	0										71	5		R(?) - 473 - 512		
																	Z - 512 - 535		
156.1 -	512	0	515	0													TENSION GASHES @ 27/180		
5	517	0															GOUGE CNTS?		
S			525	0										71	3				
5			533	0													BRUCIA CNTS // S ₂		
5	540	0	553	0													TENSION GASHES VARIABLE		
																	DOMINANT @ 20/270		
S			550	0											61	5	R - 535 - 550		
																	S - 550 - 600		
167.6 -			568	0													GOUGE - CNTS?		
S			575	0						61	7	10	0	8	0		R - 600 - 620		
S			600	0										71	7				
190.2			611	30													GOUGE CNT? - 616.0 - CNT?		
S			624	0									61	2	100	7	5	Z - 620 - 631	
																	R - 631 - 649 - SULPHIDES		
196.6			645	0	R	S	Z								61	0		S-BANDS & C-STROAKS;	
5			649	0													GOUGE CNT?		
204.2			670	0	C	S	Z			87	1	180	61	7			Z ^R 649 - 714		
5			679	0								87	1	180	59		QZ VN + GOUGE CNTS // S ₂		
5			714	0													GOUGE CNTS?		
																	714 - 729 - GOUGE		
S			729	0											60		R - 729 - 734 SULPHIDES		
230.1			755	0							35	18	0	60			S+M - 734 - 800		
S			780	0											75				
5			795	5													GOUGE CNTS?		
5			801	0													GOUGE CNTS?		
245.4			805	0											66		Z - 800 - 812		
																	S+R - 812 - 835		
5	823		830	0													GOUGE CNT?		
S			832	0											47		R - 835 - 863 - SULPHIDES		
5			855	0											42		S-BANDS & C-STROAKS;		
260.6			880	0											52	10	0	75	S - 863 - 883

DDH FALADRS
2 8

Cyprus Anvil Mining Corp.

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Structural Log

Date: 22 Jan 81 Logged By: GG

UNITS FEET

2758

291.4

306.3

CHAN GWS STZ

1131/1183

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					
B	88830		8870						GOUGE CNTS?
									887-897- M - CHANWMS 1/2
S			91050	C52			55		R+(S) - 897-955
B			92190						Q2 VN + GOUGE CNT @ 46/00
B			91320						GOUGES CNTS?
S			91330	C52S		SA	100	65	
B			91550						GOUGE HW ^{+FW} CNT @ 17/00
S			9560					75	R+(M?) - 955-990 - CHAN GWS STZ
S			9800					76	
S			110050					82	R+(Z?) - 990-1183
S			1101300					83	SPARSE TENSION GAS NET @ <30° TO C.A.
S			110550					79	
S			110800					67	
S			111050					77	
B			11185						MINOR GOUGE 115 ₂
									GOUGES CNTS? @ 1131/1183
S			1113100					65	
S			111550					75	
B			111650					50	F4 @ 15/00
S			111800					64	
									END OF HOLE @ 1184 ft.

ASSAY LOG (SAMPLER'S COPY)

Date 22 June 81

Sampled by A.M.

CODE	FROM		TO		SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION			
	10	14	18	20						22	26	28
X	1453	5	1462	0	9202 118110	85	---	A1E1	±1 ← 1810			
X	1462	0	1463	5	---	115	---	A1E1	LOW GRADE - NOT SAMPLED - WHOLE CORE SAMPLED BY K.A. - SEE			
X	1463	5	1473	5	118111	110	0	A1E1	← K.A. LOGS 1811			
A	1473	5	1476	0	167812	125	---	A1D1	±6±9; 400			
A	1631	0	1632	0	167813	110	110	S1B1G1	SPHALICHOLOGY:			
A	1632	0	1635	1	167814	131	129	A1D0				
A	1635	1	1636	5	167815	114	120	A1E1	+(4E)			
A	1636	5	1638	0	167816	115	118	A1C0				
A	1638	0	1642	7	167817	147	147	A1A113				
A	1642	7	1647	3	167818	146	147	A1A113				
A	1647	3	1649	0	167819	117	115	A1E1	①			
A	1729	0	1731	4	167910	154	153	A1E1	18			
A	1731	4	1741	0	167911	166	176	A1A11	±3 - NOT PREVIOUSLY SAMPLED BY K.A.			
A	1782	0	1781	6	167912	166	165	A1A11	±3 ± SPHAL			
X	1781	6	1791	1	---	124	---	A1A11	NOT SAMPLED - LOW GRADE - SEE K.A. RECORDS			
A	1835	0	1839	3	167913	143	144	A1E1				
A	1839	3	1843	5	167914	142	144	A1E1				
A	1848	5	1855	3	167915	145	149	A1E1	+(4A0) + (4H0)			
A	1853	0	1858	0	167916	150	146	A1E1	+(4A0) + (4E154) 4A0			
A	1858	0	1863	7	167917	157	155	A1A0				
A	1897	2	1899	0	167918	118	120	A1A10	+(4G*) + (4E1) + (4H0)			
									END OF HOLE @ 1184 FT.			

N15=

SPLIT

SPLIT

Feet

FAULT

DDH F.A.G.A.083
2 8

Cyprus Anvil Mining Corp.

Page _____ of _____

Structural Log

Date: _____ Logged By: _____

Code	From				To				Feature	S ₂	S ₀		S ₁		S ₂		Description
	10	14	16	20	22	24	26	28			Dip	Direct.	Dip	Direct.	Dip	Direct.	
F				11080	11G												20 cm gouge
F	11610	9		11622	SD												mylonitic texture - 0.1-2.0 cm calcite clots in SB6 sheared matrix
F	11550			11560	P1	4											0.4 ft / 1.0 ft recovery
F				11700	XIQ												qtz vein bxa - 1/2 foot
F	121516	3		121617	3Q												60% of unit bull qtz
F	121617	3		121710	0	11V				215	217	0					tension gashes
F				121719	5	1G											gouge 279.3 - 279.7 ft
F				131010	7	1G	318	0	10	0							gouge 300.5 - 301.0 ft
F	131014	0		131016	1	G											gouge
F	1311			131510	1	1G	317	1	18	10							gouge 350.0 - 350.2 ft
F	131511	0		131511	7	XIQ	919	9	19	19				919	9	19	qtz vein bxa
F	141512			141513	5	XI											bxa angular clasts - open structure
F	141513	5		141612	0	NV/N											Ken-Add sample No core
F	141613	5		141713	5	NV/N											" " "
F	141815	3		151010	6	R											unit problem, coarse rubble
F	151112	0		151115	0	11V				217	1	18	10				tension gashes
F	151118	3		151210	7	G											gouge
F	151214	0		151313	0	P1	2										2.2 ft / 9 ft
F	151313	0		151313	8	XIQ	919	9	19	19				919	9	19	bxa, silicon - ank. matrix
F																	SB clots + rare py clots
F	151214	0		151313	8	F											fault zone
F	151410	0		151513	0	11V				210	2	17	0				tension gashes
F	151514	0		151516	0	G											30% gouge
F	151613	4		151710	0	G											gouge
F	161113	5		161114	2	G											gouge
F				161719	0	11GQ				919	9	19	19				qtz veins & gouge // S ₂
F	171114	0		171118	0	GP											80% gouge + missing core IND
F	171118	5		171219	0	R/P	5										8 ft / 10.5 ft rubble
F	171219	0		171314	4	XID?											isolated 40 clots
F				179180	1	1G											10 cm gouge
F				181012	7	1G											10 cm gouge
F	181213	0		183100	0	GP	1										0.8 ft / 7 ft gouge
F				1815150	1	SD											minor shear bxa

Feet

FAULT

DDH FAGAD83
2 8

Cyprus Anvil Mining Corp.

Page _____ of _____

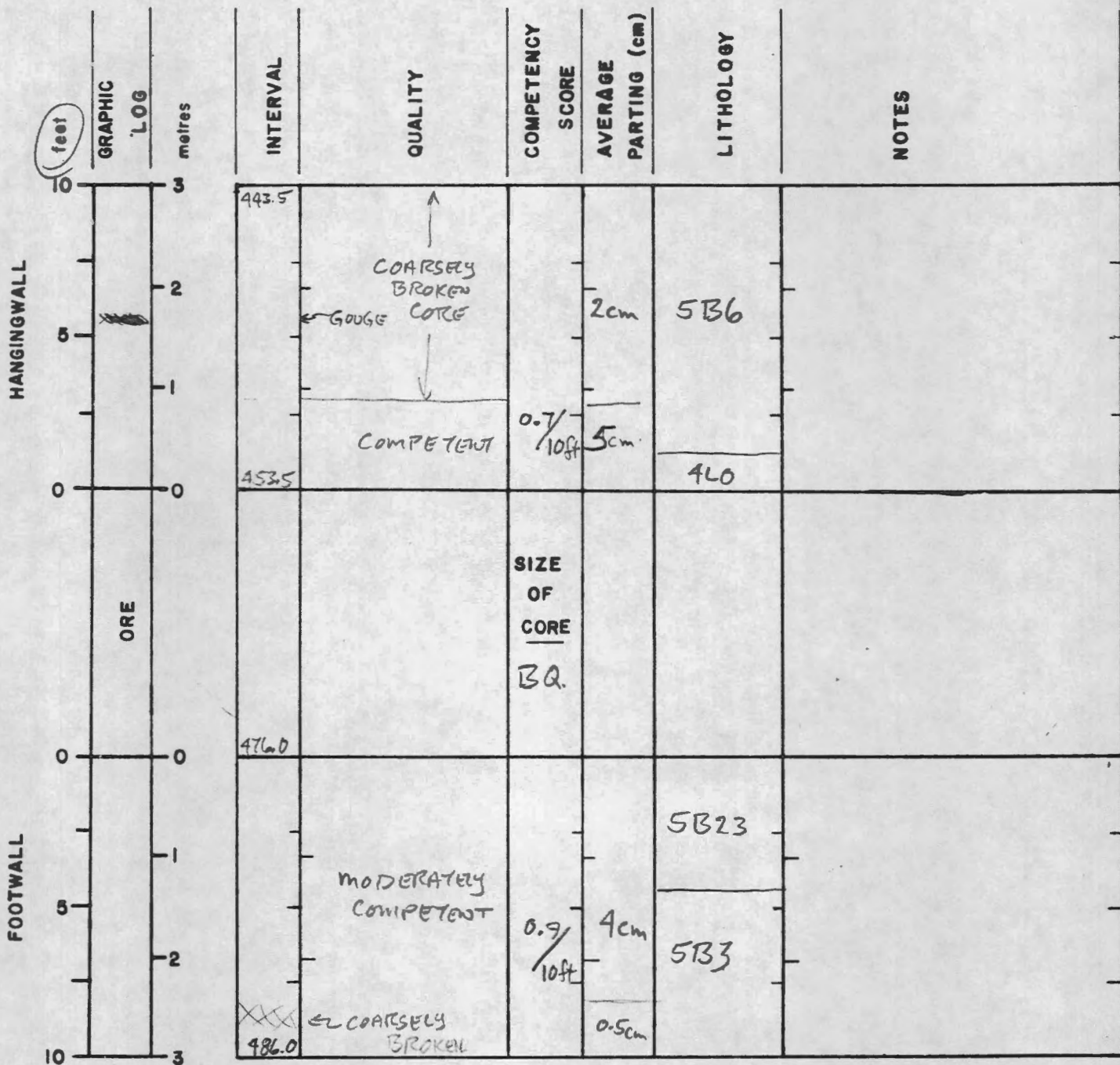
Structural Log

Date: _____ Logged By: _____

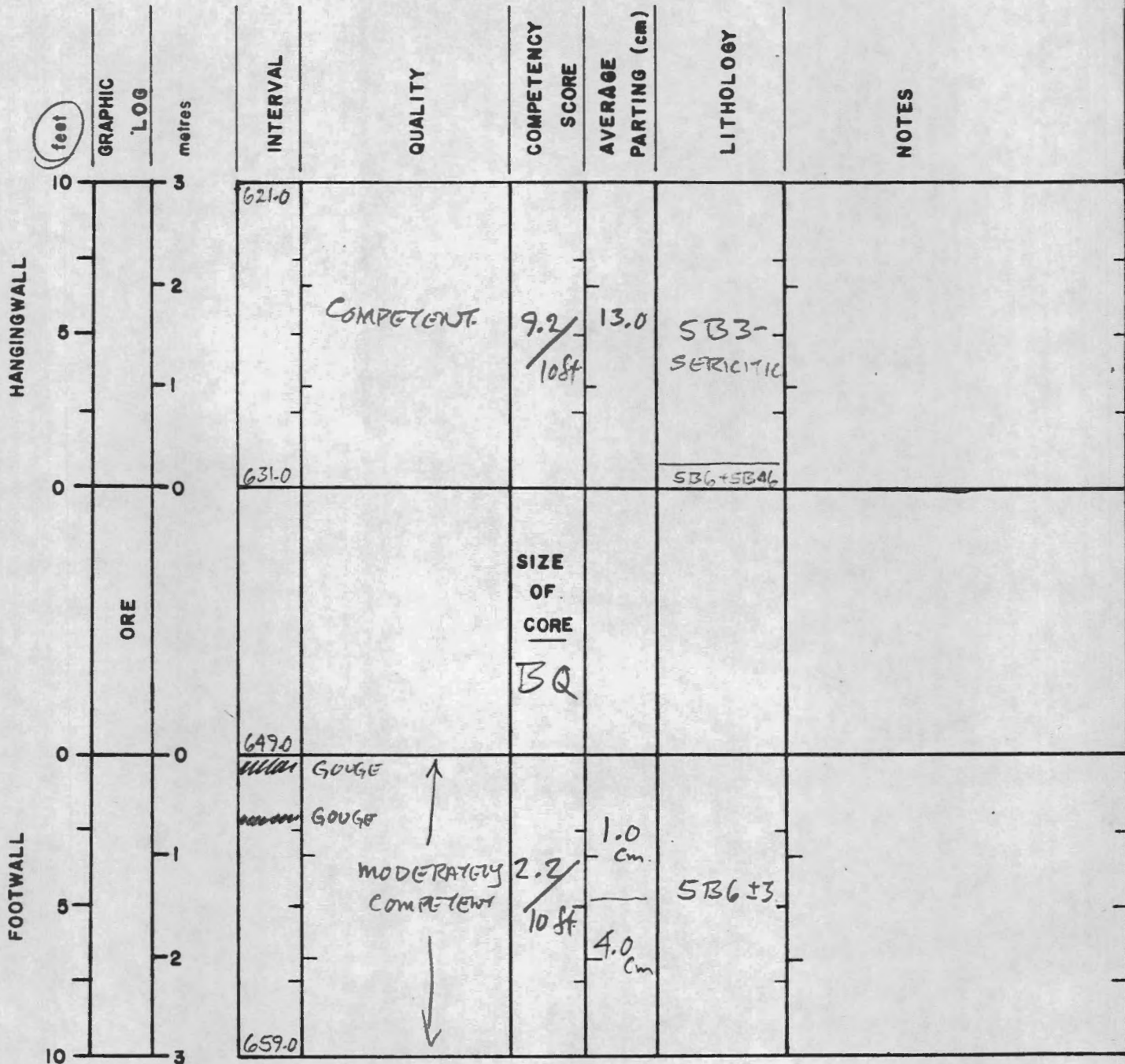
Code	From		To		Feature	E Dip	S ₀		S ₁		S ₂		Description
	10	14	16	20			22	24	26	28	32	34	
F			1816	1820	DIXI?								860-860.6 gtz - carb bra clasts in 4H0 matrix
F	1818	1832	1818	1854	G								gouge
F	1818	1872	1818	1876	G								gouge
F			1888	1892	DIXI?								4H0 bra 888.1-888.3
F			1898	1904	1/2G								5 cm gouge
F	1912	1930	1912	1935	Q1/G	46	0	0					gtz vein + mica gouge
F	1953	1955	1953	1955	Q/G	17	0	0					gouge + gtz vein
F			1101	1113	1/G								gouge 1011.0 - 1011.6
F	1101	1152	1101	1173	G				99	99			gouge
F			1111	1142	1/G								gouge 1114.0 - 1114.5
F	1113	1107	1113	1121	2/G								
F			1114	1108	1/G								gouge 1140.6 - 1140.0
F	1118	1130	1118	1140	G								gouge

GEOTECHNICAL LOG

1/2



GEOTECHNICAL LOG



DIAMOND DRILL RECORD


LOGGED BY J. Paxton

PROPERTY _____ D.D.H. No. 75-A83 PAGE 6 of 8

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	
729	734	Massive Sulphides Faintly banded massive pyrite (75° to core angle) Several irregular masses of quartz-calcite containing minor lead-zinc within the massive pyrite.	5	1820	729	734	5	1.03	0.95	0.59						
734	792	<i>BTZ - GRAPH PHYL PHYLITES</i> Black and White Striped Rock Siliceous white to gray quartzite. 1-3mm beds (?) alternating with black chlorite-graphite material. Wide spaced F2 joints at 80-90° meet F1 bands at generally low angles. Broad, complex F2 folds. 5%-10% pyrite. Competent rock.	<i>1/8</i>		<i>734.0</i>	<i>782.0</i>										
792	800	Fault Zone Graphitic schist, gray fault gouge, plus pyritic black sand,	6/8													
800	835	Gray, Graphite Phyllite Strong F2 at 60°. Open F2 folds contort F2. Massive sulphide are both conformable to and cross cutting to F2.	30/35													
835	843	Massive Sulphides 85% pyrite. No visible lead-zinc.	8	1822	835	843	8	0.10	0.07	0.12						

DDH: FAGA083 -- 132 DEGREE PROFILE

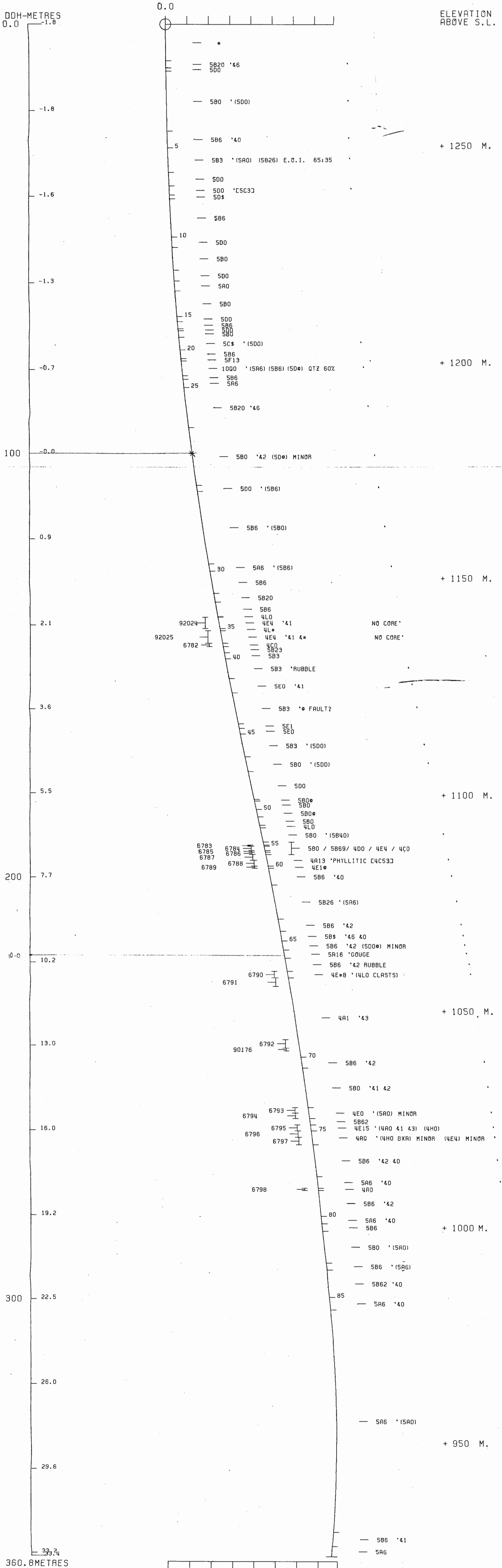
(VIEW AZIMUTH = 42 DEGREES)

ELEV:1279 592225E ; 904813N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 519.2 Z = 1278.5

SECTION NAME: 025



360.8 METRES

DDH: FAGA083 -- 132 DEGREE PROFILE

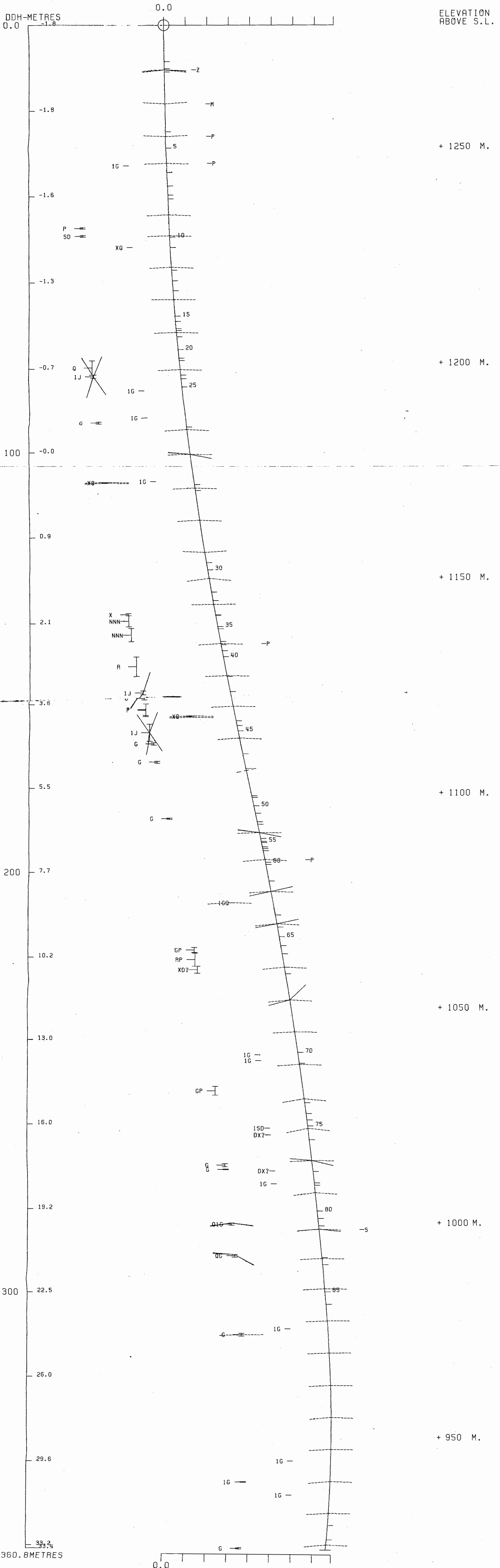
(VIEW AZIMUTH = 42 DEGREES)

ELEV:1279 592225E ; 904813N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 519.2 Z = 1278.5

SECTION NAME: 025



FAG110

DCH	SAMPLE	---DEPTHS---		INT M	REC %	ROCK UNIT	S.G.	CU %	PB %	ZN %	AG G/MT	AU G/MT	PO %	PY %	BAO %	PB+ZN %	PO+PY %	ZN RATIO	
		FROM	TO																
FAGA110	14595	41.5	43.5	2.0	100	4C38		.20	.75	.83	14.0							1.58	.53
	14596	43.5	45.5	2.0	100	4C38		.18	1.60	1.20	26.0							2.80	.43
	14597	45.5	47.5	2.0	100	4C38		.19	2.09	2.13	32.0							4.22	.50
	14598	47.5	50.2	2.7	96	4C38		.13	2.21	2.09	35.0							4.30	.49
	14599	50.2	51.2	1.0	100	4E18		.41	2.44	2.19	53.0							4.63	.47
	14600	51.2	53.2	2.0	100	4A13		.14	.15	.14	8.0							.29	.48
	14601	53.2	55.2	2.0	100	4A13		.20	.30	.40	17.0							.70	.57
	14602	55.2	57.2	2.0	100	4A13		.21	.26	.41	15.0							.67	.61
	14603	57.2	58.8	1.6	100	4A13		.26	.27	.64	11.0							.91	.70
	14604	58.8	59.7	.9	100	4LD		.02	3.82	7.40	46.0							11.22	.66
	14605	59.7	61.7	2.0	100	4D4		.10	3.88	7.40	58.0							11.28	.66
	14606	61.7	63.2	1.5	100	4DEC		.03	2.47	2.20	45.0							4.67	.47
	14607	63.2	64.7	1.5	100	4A14		.07	4.01	8.00	53.0							12.01	.67
	14608	64.7	65.9	1.2	100	4E4*		.14	4.96	7.80	77.0							12.76	.61
	14609	166.7	167.6	.9	100	4A1		.04	1.13	1.68	18.0							2.81	.60
	14610	167.6	168.3	.7	100	4E48		.19	2.89	2.96	41.0							5.85	.51
	14611	168.3	169.5	1.2	100	4A1		.16	1.00	1.75	21.0							2.75	.64
	14612	169.5	170.7	1.2	100	4KC		.24	.65	.50	18.0							1.15	.43
	14613	175.1	176.7	1.6	100	4EC		.01	.10	.05	9.0							.15	.33

DEH	SAMPLE	ROCK UNIT	CPY	NORMATIVE MINERALS - WEIGHT %						OTHER	*	CPY	NORMATIVE MINERALS - VOLUME %						
				GA	SP	PO	PY	BAR	OTHER				GA	SP	PO	PY	BAR	OTHER	
FAGA110	14595	4C38	.58	.87	1.24						97.32	*							
	14596	4C38	.52	1.85	1.79						95.84	*							
	14597	4C38	.55	2.41	3.18						93.86	*							
	14598	4C38	.38	2.55	3.12						93.96	*							
	14599	4E1\$	1.18	2.82	3.26						92.73	*							
	14600	4A13	.40	.17	.21						99.21	*							
	14601	4A13	.58	.35	.60						98.48	*							
	14602	4A13	.61	.30	.61						98.48	*							
	14603	4A13	.75	.31	.95						97.98	*							
	14604	4LD	.06	4.41	11.03						84.50	*							
	14605	4C4	.29	4.48	11.03						84.20	*							
	14606	4DEC	.09	2.85	3.28						93.78	*							
	14607	4A14	.20	4.63	11.93						83.24	*							
	14608	4E4*	.40	5.73	11.63						82.24	*							
	14609	4A1	.12	1.31	2.50						96.07	*							
	14610	4E48	.55	3.34	4.41						91.70	*							
	14611	4A1	.46	1.15	2.61						95.77	*							
	14612	4K0	.69	.75	.75						97.81	*							
	14613	4E0	.03	.12	.07						99.78	*							

DRILL HOLE : FAGA110
NORTHING : 904,570.7
EASTING : 592,493.3
ELEVATION : 1,262.8
TOTAL DEPTH : 198.0
SECTION : W 60
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: 19
NOS DOWN-H-SURVEYS: 4
NOS DOWN-H-LITHCLOGY: 35
NOS DOWN-H-STRUCTURE: 20
NOS DOWN-H-FAULTS: 36
NOS DOWN-H-SPLINES: 4
NOS COMPOSITES: 0

DDH: FAGA110 UTM-N: 904,570.7 UTM-E: 592,493.3 UTM-ELEV: 1,262.2 TOTAL DEPTH: 198.0 SECTION: W 60
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
61.000	178.000	153.000
121.900	169.000	67.000
182.900	164.500	60.000

DDH: FAGA110 UTM-N: 904,57C.7 UTM-E: 592,493.3 UTM-ELEV: 1,262.8 TOTAL DEPTH: 198.0 SECTION: W 60
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
40.0	0001	#		0.5-	1
41.5	0002	5B62	8\$ (10Q\$) 99:01	0.5-	1
50.2	0003	4C38	8\$ MINOR (4L0)(5D4*) 96:2:2	0.5-	1
51.2	0004	4E1\$	88 -> 4K0 LOCALLY	0.5-	1
58.8	0005	4A13	8\$->4C5->4C0838\$ [4L ON 4A]	0.5-	1
59.7	0006	5D4*	(4D4) 80:20	0.5-	1
60.3	0007	4D4	8\$ BX	0.5-	1
60.8	0008	5D4*9	PY	0.5-	1
63.2	0009	4D4	8\$ (4C3\$)(4E4\$) & PORCUS	0.5-	1
64.7	0010	4A14	(10Q\$9)	0.5-	1
65.9	0011	4E4#	8\$ 86?	0.5-	1
66.3	0012	4L2	(4Q*[4E*]) 80:20	0.5-	1
66.6	0013	4CC	8\$ (4L)90:10 [4C SER][4CL]	0.5-	1
70.2	0014	5B6\$	82	0.5-	1
126.9	0015	5B0	88 (5D0)(10Q#) -> G.E.H.	0.5-	1
147.4	0016	5B80	(5D0)(10Q#)1X	0.5-	1
162.4	0017	5B0	82 (5D0)(10Q0#)2X	0.5-	1
163.1	0018	5D0	-> 5D4\$	0.5-	1
164.7	0019	5B62\$	(5D\$)(10Q0) 80:05:15	0.5-	1
165.0	0020	5A19	-> 4A0	0.5-	1
165.8	0021	5D4\$	(5A689)(10Q*9) 60:10:30	0.5-	1
166.2	0022	5B62\$		0.5-	1
166.7	0023	5D0	84 (10Q\$)(4D0) 70:10:20	0.5-	1
167.5	0024	4A1	(4C583)	0.5-	1
167.6	0025	5D4*		0.5-	1
168.3	0026	4E48	86? 8#	0.5-	1
169.5	0027	4A1	-> 4C5 (5D4*)	0.5-	1
170.7	0028	4K0	INTRUSIVE MASS ?	0.5-	1
172.6	0029	5B62	8\$ -> 5A6 8\$	0.5-	1
175.1	0030	5B6*	82	0.5-	1
176.7	0031	4E0	BX	0.5-	1
182.5	0032	5B62\$	(5D4*)	0.5-	1
191.7	0033	3G4	8\$ (5D4*) (4L0)	0.5-	1
192.4	0034	3G9	83 (4L0)	0.5-	1
198.1	0035	5D4*	[4L0]	0.5-	1

DDH: FAGA110 UTM-N: 904,570.7 UTM-E: 592,493.3 UTM-ELEV: 1,262.8 TOTAL DEPTH: 198.0 SECTION: W 60
 RFE: S2 RFE DIR: 230 FLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	DIRECT	S1 ANGLE	DIRECT	S2 ANGLE	DIRECT	RFE	CDE	DHDC	SDC	PROCESS
FAGA110	0.0	38.5	CS2		C	C	0	C	80	230	C		1	1	1
FAGA110	0.0	46.6	PS2	P	C	0	0	C	80	230	C		1	1	1
FAGA110	0.0	53.6	PS2	P	C	0	0	C	75	230	C		1	1	1
FAGA110	0.0	61.2	PS2	P	C	0	0	C	60	230	C		1	1	1
FAGA110	0.0	71.4	PS2	P	C	C	0	C	65	230	C		1	1	1
FAGA110	0.0	77.0	PS2	P	C	0	0	C	65	230	C		1	1	1
FAGA110	0.0	85.7	CS2		C	C	0	C	85	230	C		1	1	1
FAGA110	0.0	93.2	CS2		C	0	0	C	70	230	C		1	1	1
FAGA110	0.0	100.6	CS2		C	0	0	C	70	230	C		1	1	1
FAGA110	0.0	107.4	CS2		C	0	0	C	80	230	C		1	1	1
FAGA110	0.0	114.5	CS2		C	0	0	C	70	230	C		1	1	1
FAGA110	0.0	123.0	CS2		C	0	0	C	80	230	C		1	1	1
FAGA110	0.0	130.3	CS2		C	0	0	C	85	230	C		1	1	1
FAGA110	0.0	137.0	CS2		C	0	0	C	85	230	C		1	1	1
FAGA110	0.0	143.6	CS2		C	0	0	C	85	230	C		1	1	1
FAGA110	0.0	153.0	CS2		C	0	0	C	70	230	C		1	1	1
FAGA110	0.0	158.5	PS2	P	C	0	0	C	75	230	C		1	1	1
FAGA110	0.0	165.7	PS2	P	C	0	0	C	65	230	C		1	1	1
FAGA110	0.0	174.8	CS2		C	0	0	C	80	230	C		1	1	1
FAGA110	0.0	187.4	PS2	P	C	0	0	C	50	230	C		1	1	1

DDH: FAGA110 UTM-N: 904,570.7 UTM-E: 592,493.3 UTM-ELEV: 1,262.8 TOTAL DEPTH: 198.0 SECTION: W 60
 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
FAGA110	41.3	41.5	R		0	0	C	1
FAGA110	56.8	57.8	1XQ		0	0	C	1
FAGA110	59.7	60.3	D		0	0	C	1
FAGA110	0.C	61.3	R1P		0	0	C	1
FAGA110	60.8	63.2	1D		0	0	C	1
FAGA110	63.2	64.7	D		0	0	C	1
FAGA110	69.3	69.5	G		0	0	C	1
FAGA110	74.3	74.4	G		0	0	C	1
FAGA110	79.1	79.4	GR		0	0	C	1
FAGA110	80.8	82.8	RGX	6	0	0	C	1
FAGA110	0.C	96.2	G		0	0	C	1
FAGA110	101.9	102.1	RG		20	200	C	1
FAGA110	115.9	116.0	1G		0	0	99	1
FAGA110	122.6	122.9	1G		99	999	C	1
FAGA110	126.2	126.4	G		0	0	C	1
FAGA110	127.0	127.3	G		20	270	C	1
FAGA110	129.8	129.9	G		0	0	C	1
FAGA110	135.8	135.9	G		45	0	C	1
FAGA110	142.1	142.6	RG		0	0	C	1
FAGA110	0.C	143.0	G		0	0	C	1
FAGA110	0.0	143.2	G		0	0	C	1
FAGA110	145.4	146.3	P	8	0	0	C	1
FAGA110	148.8	149.1	G		0	0	99	1
FAGA110	0.C	153.8	G		0	0	99	1
FAGA110	161.3	161.8	G		99	999	C	1
FAGA110	163.1	164.7	3B		0	0	C	1
FAGA110	165.0	165.2	B		0	0	C	1
FAGA110	0.C	166.7	1G		0	0	C	1
FAGA110	167.5	167.6	R		0	0	C	1
FAGA110	0.0	169.2	R		0	0	C	1
FAGA110	170.7	174.9	2B		0	0	C	1
FAGA110	174.9	175.1	G		C	0	99	1
FAGA110	175.1	175.7	DXQ		0	0	C	1
FAGA110	176.7	182.5	G3F		0	0	0	1
FAGA110	182.5	191.7	3GR		0	0	C	1
FAGA110	191.7	198.1	G3F		0	0	C	1

DDH: FAGA110 UTM-N: 904,570.7 UTM-E: 592,493.3 UTM-ELEV: 1,262.8 TOTAL DEPTH: 198.0 SECTION: W 60
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DDH SEGMENT NOS CCND INDICATOR

FAGA110	1	2
FAGA110	2	2
FAGA110	3	2
FAGA110	4	1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Date: 26-27 AUG 82

Hole Number: FAGA 110

Reference Fabric Orientation Diagram:

Project: GRUM REL08

Location: 60W

Claim: _____

Terr. Plane Co-ords.: 904570.7 N

179 H2W
Aerophoto Survey

592493.3 E

Grid Co-ords: _____

All symmetry determinations looking

Elevation: 1262.8

_____ with _____ dipping

Total Depth: 198.1

_____ with dip azimuth _____.

Purpose: _____

Reason hole Terminated: _____

Logged by: GAJ ASJ.

Date(s) Logged: 26 AUG 82

Drilling Contractor: _____

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

Hole Cemented: _____

Steel down hole: _____

Started: _____ Completed: _____

Lithologic Log

Date: 26, 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	100	400		1	#	O/B
L	400	415		2	5B62	±* ; mod. homo., mgy slightly dot (OQ*dot) = 1% as S ₂ // 3cm or less pods; intact to rubble last 0.2 m
L	415	502		3	4C38	±* dolomite (410, 504*dot); 90:2:2 well banded sulf-rich g. with local Fe ₂ O ₄ bands of dot. patches of augen in S ₂ fol. of local dot-rich bands // S ₂ & comp. layering; S _T = 50%-60% w/ py. dominant to only sulfide; below 46.5 BM sulfs inc. w/ ZnS honey colored; prom. 4L-like folia a few mm. thick locally to 10s of cm. e.g. 42.4-42.9; 504* @ 41.8-42.0 & 50.1-50.2; reasonable exhal. texts ±* = dot as irreg. blebs & disrupted layers locally ⇒ 4K0; 1 = SiO ₂ as minor 1mm. diam amoeboid blebs; w/ bly banded, low BM sulfs @ end of int
L	502	512		4	4E1*	±* = dot as irreg. blebs & disrupted layers locally ⇒ 4K0; 1 = SiO ₂ as minor 1mm. diam amoeboid blebs; w/ bly banded, low BM sulfs @ end of int
L	512	588		5	4A13	±* = dot as irreg. blebs & disrupted layers locally ⇒ 4K0; 1 = SiO ₂ as minor 1mm. diam amoeboid blebs; w/ bly banded, low BM sulfs @ end of int ⇒ 4C5 ⇒ 4C0 ± 3; 50% S _T py dom; excell. banding; fine 4A exhal. texts; units grade one into another ⇒ bleaching; 4C0 = 51.2-51.5, 51.8- 52.1, 52.3-53.2, 56.6-58.8 (w/ much 4C5) unsplit as v. low grade; rec. OK; bleaching may be 4L overprinting as negligible 5CD; 1 5D @ 54.5- 54.6 w/ upper margin unbleached lower bleached, * as thin bands // layering; local chile b. 56.8-57.8
L	588	597		6	5D4*	(4D4); 80:20; 4D as 1cm-8cm S ₂ // bands ⇒ tufts / exhalite interbanding last 0.3 m. has m.g., granular texture & 5D banded // S ₂ - tufts w/ cse gr. size or meta ^m porphyroblasts; split orig intact

last 1.2
404 Zn
rich

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	597	603		7	4D4	±*dol.; well banded to micro-banded — ductile flow bria of dol. bands seems ??; good banding of sep. of species ⇒ exhal. origin; hi-grade
L	603	608		8	5D4*	9 = py as thin S, 11 films & stringers X cutting S; minor fuchsite; orig. intact
L	608	632		9	4D4	±*dol (4C3*dol.) (4E4*dol.) ± porous ± aster- oid texture; 4D well banded etc. — good exhal. text; micro-bria in CO ₂ bands yielding CO ₂ blcks.; 80:10:10; also OQ*dol + Pbs + py; orig. intact except 61.3 rubble w/ 0.2 m. core loss? — 1 of worst sulf. intersections seen to date !! — 4E4 60.8-61.3 4C = 62.4-62.8
L	632	647		10	4A14	1 = blk. cherty matrix; S _T ≈ 35% w/ ZnS dom. 2 ZnS: 1 py v. hi grade of micro-banded (ductile flow); OQ*ZnS — Pbs 64.6-64.7; orig. intact; rec. OK good exhal. textures — sulf./chert bedding
L	647	659		11	4E4*	* = calcite + local dol.; may be minor BaSO ₄ no bria; well banded; orig. intact; rec. OK
L	659	663		12	4L2	(4E*vari??); 80:20; intact; boring
L	663	666		13	4CQ	±*dol; well banded w/ 10% 4L colored bands, intact, barren
L	666	702		14	5B6*	±2; m. blk. minor water gauge 69.3- 69.5; * = dol in gty-sulf. terr. bands
L	702	729		15	5BQ	±8; slight greenish gray cast causing incredible time wasting; 5DQ = 73.7- 74.1; no I/B liths save minor OQ*col gen. intact; gouges: 74.3-74.4 IND prob S ₂ 11; 79.1-79.4 rubble of IND gauge; 80.8-82.8 = rubble of IND gauge upper may be S ₂ 11, lower cont. = 0.2 m intact fault bria w/ fault @ 30°/270° ⇒ steep dipping fault


Lithologic Log

Date: 26, Aug 82 Logged By: GAT/DST

Code	From				To				Recov.	No.	Unit	Description
	1	10	14	16	20	22	24	26				
												1.2 m. rec'd this int; IND gauge @ 96.2;
												101.9-102.1 = rubble + gauge, upper 20°/200°
												for IND; 115.9-116.0 = S ₂ gauge; 122.6-
												122.9 = S ₂ // min; gauge upper to 11S ₂ for
												30°/000°; 126.2-126.4 IND gauge; 127.0-
												127.3 = gauge 11S ₂ bounded by knife
												edge fault @ 20°/270 w/ S ₂ // gauge
												prod. by drag rel'd. to steep fault, for
												cut 20°/000°; 129.8-129.9 IND; rec'd
												OK for unit
L	1296		1474						16	5B80		(SDO) can't est. press, but may be
												sub \equiv ; OQ*cal \approx 1% S ₂ // or F-
												fold hinges; intact \rightarrow m. bln.; gauge?
												135.8-135.9 for IND upper 45°/000
												minor fault; 142.1-142.6 = .2m rubble +
												IND gauge - fault?; 143.0 & 143.2 =
												2 cm. gauges IND; 145.4-146.3 =
												0.2 m. core loss; rec'd generally good
L	1474		1624						17	5BA		± 2 (SDO) (OQ*cal) OQ* = 2% S ₂
												foliaform 5-10 cm. thick: not strongly
												calc. w/ poorly devel'd. lithon struct;
												carbon content increases downhole
												w/ lower portion w/ strong devel'd.
												S ₂ // carb. folia; 156.5-156.8 = SDO;
												gauges: 148.8-149.1 = 2, 2 cm. S ₂ //
												" w/ OQO - unsignif; 153.8 = 5 cm.
												S ₂ // gauge, sm. fault; 161.3-161.4 upper
												11S ₂ for artefact internal 11S ₂
L	1624		1631						18	5DO		\Rightarrow SD4*det. dubio; intact & BORING
L	1631		1647						19	5B62		*det (SD*det. (OQO)); v. bln, rec'd OK;
												80:5:15
L	1647		1650						20	5A19		\Rightarrow 4HD; S _T \approx 5% all ZnS as S ₂
												Foliaform blebs / spps
L	1650		1658						21	5D4*		det (5A6 \pm 9 py) (OQ*py ZnS) = S ₂ foliaform
												veins; 60:10:30; intact below 165.2
												bln above

Lithologic Log

Date: 26, Aug 82 Logged By: GAT/DSJ

Code	From				To				Recov.	No.	Unit	Description
	10	14	16	20	22	24	26	28				
L	11658		11662							22	5B62	*dol.; intact
L	11662		11667							23	5D4	±4 (CO ₂ *dol. X400); 70:10:20; intact w/ incip gouged trace S ₂ ; 4D could be exhal. or vein
L	11667		11675							24	4A1	(4C5=3); intact; exhal. texture good. good recy; last 0.1m = 4C0 marg. to SD
L	11675		11676							25	5D4*	clays only
L	11676		11683							26	4E48	±6?? ±*dol.; intact, normal etc etc; good recy.
L	11683		11695							27	4A1	⇒ 4C5 (5D4*) as micro tuffs; intact except 169.2 where rubbly; S _T = 20% py dom
L	11695		11707							28	4K10	intact; normal; low cont X cuts S ₂ — antiscoria ???
L	11707		11726							29	5B62	*dol ⇒ SAC ±*; m. blk, no gouge good recy
L	11726		11751							30	5B6*	±2; m. blk w last 0.2 m. incip S ₂ // gouge
L	11751		11767							31	4EQ	intact; chert brecciated of CO ₂ cement + chert. flow breccia w/ sulf. frags in sulf. flow matrix; 0.3m core loss - no gouge or rubble though
L	11767		11825							32	5B62	*dol (5D4*) 1 st 0.2m blk. rest is ratstat gouge rubble IND!! — totally 
L	11825		11917							33	3G4*	*dol (5D4*) ^(4L0) interval 90% gouge & rubble reas. recy. considering; all IND
L	11917		11924							34	3G9±3	(4L0) completely IND gouged
L	11924		11981							35	5D4*	[4L0] gouge " " ; major fault 176.9-198.1

DDH FAG 110
 2 8
 METERS

Cyprus Anvil Mining Corp.

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Lithologic Log

Date: _____ Logged By: _____

Core Code	From				To				Recov.	No.	Unit	Description
	10	14	18	20	22	24	26	28				
L		100		1400						1	#	
L		1400		1415						2	SB62	2\$ (100\$) 99:1
L		1415		1502						3	4C38	2\$ minor (4L) (504\$) 96:2:2
L		1502		1512						4	4E1\$	2\$ → 4K0 locally
L		1512		1588						5	4A13	2\$ → 4C5 → 4C0 2 3 2\$ [4L on 4A]
L		1588		1597						6	SD4*	(4D4) 80:20
L		1597		1603						7	4D4	2\$ BX
L		1603		1608						8	SD4*	9 py
L		1608		1632						9	4D4	2\$ (4C3\$) (4E4\$) 2 porous
L		1632		1647						10	4A14	(100\$9)
L		1647		1659						11	4E4#	2\$ 26?
L		1659		1663						12	4L2	(40* [4E*J]) 80:20
L		1663		1666						13	HC19	2\$ (4L) 90:10 [4C SER 7] [4CL]
L		1666		1702						14	SB6\$	2 2
L		1702		1726						15	SB0	2\$ (500) (100#) → "GEL"
L		1726		1747						16	SB80	(500) (100#) 1%
L		1747		1762						17	SB0	2\$ (500) (100#) 2%
L		1762		1763						18	SD0	→ SD4\$
L		1763		1767						19	SB62\$	(50\$) (1000) 80:5:15
L		1767		1765						20	SA19	→ 4A0
L		1765		1768						21	SD4\$	(SA6 2 9) (100*9) 60:10:30
L		1768		1762						22	SB62\$	
L		1762		1767						23	SD0	24 (100\$) (400) 70:10:20
L		1767		1767						24	4A1	(4C5 2 3)
L		1767		1766						25	SD4*	
L		1766		1763						26	4E48	26? 2#
L		1763		1765						27	4A1	→ 4C5 (SD4*)
L		1765		1707						28	4K0	INTRUSIVE MASS ??
L		1707		1726						29	SB62	2\$ → SA6 2 \$
L		1726		1751						30	SB6*	2 2
L		1751		1767						31	4E0	BX
L		1767		1825						32	SB62\$	(SD4*)
L		1825		1917						33	3G4	2\$ (SD4*) (4L0)
L		1917		1924						34	3G9	2 3 (4L0)
L		1924		1981						35	SD4*	[4L0]

Sh. ft.
 the section
 over
 space
 of
 1
 2
 3
 4
 5
 6
 7
 8
 9
 10

DDH FAGA 110
 2 8
 meters

Cyprus Anvil Mining Corp.

Page _____ of _____

Structural Log

Date: _____ Logged By: _____

Code	From		To		Feature	E Dip	S ₀		S ₁		S ₂		Description
	10	14	16	20			22	24	26	28	32	34	
F		413		415	R								
F		568		578	IXD								
F		597		603	D								
F				613	R1P								
F		608		632	1P								
F		632		647	D								
F		693		695	G								
F		743		744	G								
F		791		794	GR								
F		808		828	RGX6							3P	270
F				962	G								
F		1019		1021	RG		20	20P					
F		1159		1160	IG				99	999			
F		1226		1229	IG		99	999				3P	00P
F		1262		1264	G								
F		1270		1273	G		20	27P				6P	00P
F		1298		1299	G								
F		1358		1359	G		45	0,0P					
F		1421		1426	RG								
F				1430	G								
F				1432	G								
F		1454		1463	P	8							
F		1488		1491	G				99	999			
F				1538	G				99	999			
F		1613		1618	G		99	999					
F		1631		1647	3B								
F		1650		1652	B								
F				1667	IG								
F		1675		1676	R								
F				1692	R								
F		1707		1749	2B								
F		1749		1751	G				99	999			
F		1751		1767	DXD								
F		1767		1825	G3F								
F		1825		1917	3GR								
F		1917		1981	G3F								

Structural Log

Code	From		To		Feature	E %	S ₀		S ₁		S ₂		Description
	10	14	16	20			Dip	Direct.	Dip	Direct.	Dip	Direct.	
	22	24	26	28	32	34	38	40	44				
S				385	CS2							80	
S				466	PS2P							80	R band
S				536	PS2P							75	R band
S				612	PS2P							60	R band
S				714	PS2P							65	
S				770	PS2P							65	
S				857	CS2							85	
S				932	CS2							70	
S				1006	CS2							70	
S				11074	CS2							80	
S				11145	CS2							70	
S				11230	CS2							80	
S				11303	CS2							85	
S				11370	CS2							85	
S				11436	CS2							85	
S				11530	CS2							70	
S				11585	PS2P							75	
S				11657	PS2P							65	
S				11714	CS2							80	
S				11874	PS2P							50	176.7 - 198.1 Gouge
													EqH 1981

DIAMOND DRILL RECORD

LOGGED BY J. Paxton

D.D.H. No. 75-A110 PAGE 3 of 4

PROPERTY _____

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

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



CLAIM No. _____

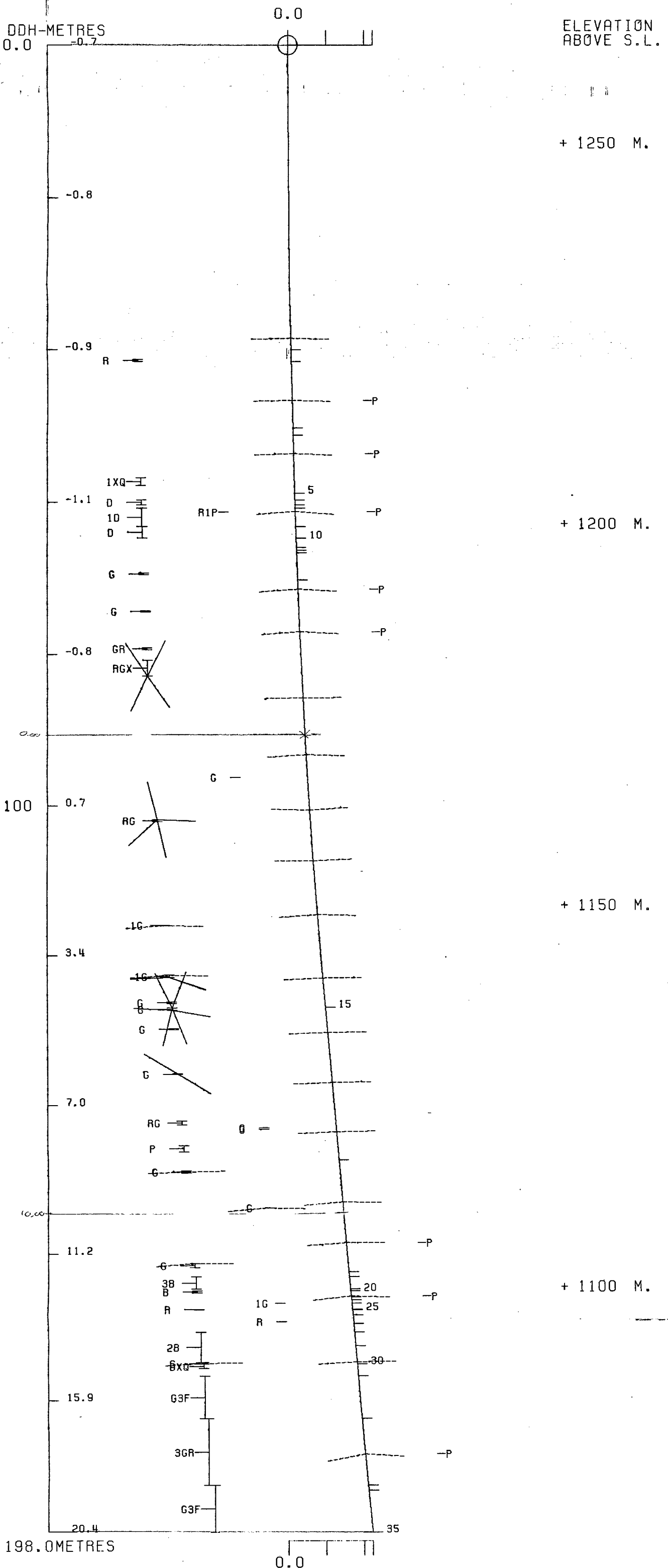
DIRECTION AND DISTANCE FROM

NE. CLAIM POST

FOOTAGE		DESCRIPTION	Rec. Ft.	Sample No.	Footage		Sample Length	Assay					Assay x Feet				
FROM	TO				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag		
163.1	166.7	MIXED SECTION Short sections of bleached chloritic phyllite and graphite phyllite plus a siliceous section 165.0-165.5 containing 1-2% lead-zinc. F2 = 80°.	3.0/ 3.6														
166.7	170.9	SULPHIDE SECTION 166.7-167.6 -- laminated quartz-graphite sulphides 167.6-168.8 -- massive sulphide with streaks of lead-zinc at 80°. 168.8-170.9 -- breccia of 2-4cm siliceous fragments in a pyrite groundmass.															
		Pyrite Lead-zinc															
		10% 6%	0.9	2465	166.7	167.6	0.9	1.58	2.00	0.77				3.22	Pt-Zn		
		80% 3%	1.2	2466		168.8	1.2	2.03	1.90	0.50				4.72	H-Zn		
		70% 1%	2.1	2467		170.9	2.1	1.00	1.20	0.50				4.62	Pt-Zn		
					W. A.	166.7	170.9	4.2	3.0	Pt-Zn							
170.9	175.0	QUARTZ - GRAPHITE PHYLLITE F2 80°.	4.5/ 4.9														
175.0	176.2	MASSIVE PYRITE															
		90% 1%	1.2	2468	175.0	176.2	1.2	0.12	0.07	0.15							

DDH: FAGAL10 -- 132 DEGREE PROFILE
 (VIEW AZIMUTH = 42 DEGREES)

ELEV: 1263 592493E ; 904571N
 PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2
 CORRECTED COLLAR POSITION: X = 880.9 Z = 1262.8
 SECTION NAME: 02S



DDH: FAGA110 -- 132 DEGREE PROFILE
 (VIEW AZIMUTH = 42 DEGREES)

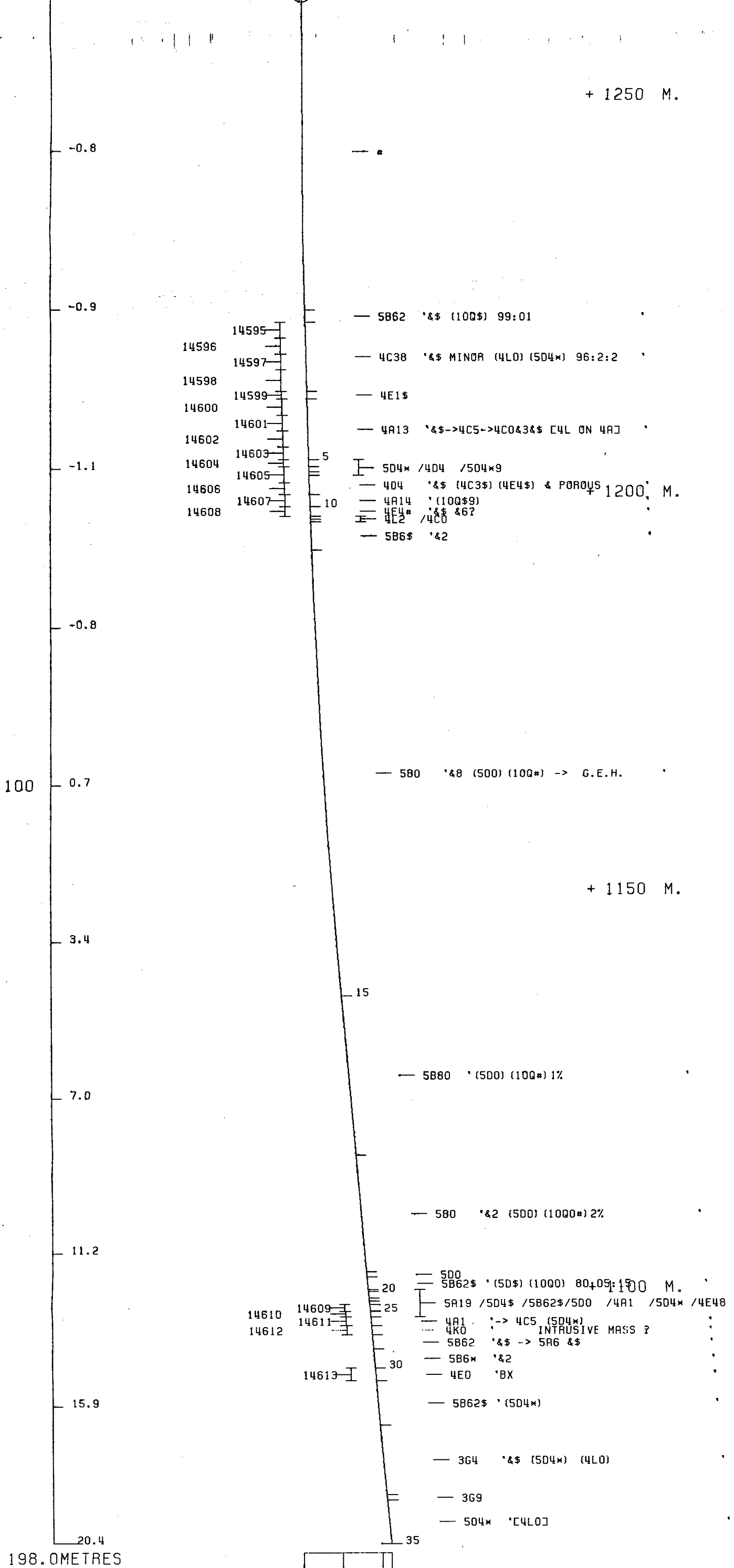
ELEV: 1263 592493E ; 904571N
 PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2
 CORRECTED COLLAR POSITION: X = 880.9 Z = 1262.8
 SECTION NAME: 02S

DDH-METRES
 0.0 -0.7

0.0

ELEVATION
 ABOVE S.L.

+ 1250 M.



FAGA216

84/10/16

GRUM DATABASE - QUIZ REPORT

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DDH	SAMPLE	---DEPTHS---		INT M	REC %	ROCK UNIT	S.G.	CU %	PB %	ZN %	AG G/MT	AU G/MT	PO %	PY %	BAO %	PB+ZN %	PO+PY %	ZN RATIO
		FROM	TO															
FAGA216	12331	175.9	176.7	.8	87	4E18		.28	1.23	.99	27.0					2.22		.45
	12332	176.7	177.9	1.2	92	4LE		.26	1.17	.68	22.0					1.85		.37
	12333	188.3	189.6	1.3	92	4C7*		.07	.49	.51	15.0					1.00		.51
	12334	190.7	191.3	.6	100	4C68	4.02	.30	1.16	.93	26.0	1.58	7.91	24.60		2.09	32.51	.44
	12335	191.3	193.4	2.1	95	4C8*	3.90	.30	2.13	2.60	31.0	.82	11.10	18.40		4.73	29.50	.55
	12336	193.4	194.7	1.3	92	4EG*	4.05	.36	3.30	3.10	46.0	.96	10.36	18.80		6.40	29.16	.48
	12337	194.7	195.5	.8	100	4D8*	3.81	.23	2.50	2.90	37.0	.96	9.30	18.00		5.40	27.30	.54
	12338	195.5	196.6	1.1	91	4E6*	3.62	.32	.88	.70	22.0	.82	7.77	17.80		1.58	25.57	.44
	12339	196.6	197.3	.7	100	5A19	2.92	.08	.21	.14	10.0	.41	1.39	2.45		.35	3.84	.40
	12340	197.3	199.4	2.1	95	4E1*	3.00	.25	1.44	1.41	29.0	.75	10.26	20.10		2.85	30.36	.49
	12341	199.4	201.5	2.1	95	4E1*	3.65	.22	1.11	1.10	19.0	.89	8.32	16.60		2.21	24.92	.50
	12342	201.5	204.0	2.5	92	4E1*	3.94	.19	2.80	2.40	34.0	.69	8.65	17.80		5.20	26.45	.46
	12343	204.0	205.7	1.7	94	4EL	3.45	.14	1.21	.71	20.0	.75	4.09	14.70		1.92	18.79	.37
	12344	205.7	207.4	1.7	94	4A1	3.19	.17	.21	.26	8.0	.96	2.91	12.90		.47	15.81	.55
	12345	207.4	208.4	1.0	90	4E6*	3.94	.18	1.45	1.45	25.0	.96	6.12	23.30		2.90	29.42	.50
	12346	208.4	208.8	.4	100	4L48	3.38	.17	1.96	1.71	28.0	.89	5.79	11.10		3.67	16.89	.47
	12347	208.8	209.5	.7	86	4E16	3.82	.17	3.30	3.20	43.0	.89	7.55	18.40		6.50	25.95	.49
	12348	209.5	211.4	1.9	95	4E8*	3.85	.34	1.47	1.20	25.0	.82	8.40	22.50		2.67	30.90	.45
	12349	211.4	212.1	.7	100	4C78	3.9C	.35	.80	.56	18.0	.89	13.05	20.60		1.36	33.65	.41
	12350	215.3	215.8	.5	100	4G8H	3.86	.25	1.10	.80	19.0	.41	10.10	22.90		1.90	33.00	.42
	12351	216.4	217.7	1.3	92	4E16		.21	.96	.58	18.0					1.54		.38
	12352	219.0	220.3	1.3	92	4G+8		.34	.80	.52	15.0					1.32		.39
	12353	220.3	221.7	1.4	100	4G+8		.24	.92	.38	16.0					1.30		.29
	12354	222.2	224.1	1.9	95	4E16		.21	1.24	1.17	21.0					2.41		.49
	12355	224.1	224.6	.5	80	4L4		.14	.33	.36	10.0					.69		.52
	12356	224.6	225.1	.5	100	4EL		.22	.26	.33	7.0					.59		.56
	12357	225.1	226.6	1.5	93	4A13	4.53	.25	2.01	1.75	36.0	.55	8.10	20.10		3.76	28.20	.47
	12358	226.6	228.1	1.5	93	4A13	4.53	.25	2.01	1.75	36.0	.55	8.10	20.10		3.76	28.20	.47
	12359	228.1	228.6	.5	80	4G48	3.66	.26	2.80	4.10	45.0	.62	3.97	11.80		6.90	15.77	.59
	12360	235.8	236.6	.8	100	4C0	3.35	.21	1.08	1.17	19.0	.41	4.86	12.00		2.25	16.86	.52
	12361	237.1	237.7	.6	100	4G4	4.18	.13	6.50	6.40	94.0	.96	2.80	16.70		12.90	19.50	.50
	12362	237.7	239.7	2.0	95	4A1	3.28	.24	.31	.27	9.0	.69	1.81	16.10		.58	17.91	.47
	12363	239.7	240.6	.9	89	4A1	3.23	.16	1.21	1.13	17.0	.48	4.29	11.50		2.34	15.79	.48
	12364	240.6	241.9	1.3	100	4A1	3.25	.19	.16	.22	7.0	.69	2.65	13.80		.38	16.45	.58
	12365	241.9	243.0	1.1	91	4A1	3.37	.14	2.13	2.80	33.0	.75	1.93	15.30		4.93	17.23	.57
	12366	243.0	243.8	.8	88	4E1	4.14	.14	.36	.26	14.0	1.17	3.60	29.90		.62	33.50	.42
	12367	243.8	244.3	.5	80	4C3	3.61	.22	1.55	.41	32.0	.89	2.98	17.20		1.96	20.18	.21
	12368	244.3	246.3	2.0	95	4C83	3.43	.20	1.18	.87	22.0	.55	6.52	12.40		2.05	18.92	.42
	12369	246.3	247.4	1.1	91	4E16	3.65	.22	.76	.73	18.0	.82	8.68	16.90		1.49	25.58	.49
	12370	247.4	249.3	1.9	95	4E1	3.11	.13	.58	.61	12.0	.21	5.18	9.10		1.19	14.28	.51
	12371	261.5	262.9	1.4	100	5A19		.01	.02	.03	4.0					.05		.60
	12372	262.9	264.3	1.4	93	5A19		.01	.01	.03	4.0					.04		.75
	12373	265.3	266.8	1.5	93	5A19		.01	.01	.01	5.0					.02		.50
	12374	266.8	268.2	1.4	100	5A19		.01	.01	.02	4.0					.03		.67
	12375	362.2	364.4	2.2	95	4L4		.03	.19	.40	5.0					.59		.68
	12376	364.4	366.6	2.2	95	4L4		.01	.01	.03	4.0					.04		.75

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

DETAIL RECORD COUNTS:

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

21FEB84 GRUM

DOWN-HOLE SURVEYS (DHO20)

PAGE: 18

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

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
61.000	176.500	70.000
121.900	173.500	57.000
304.800	167.500	75.000
365.800	167.000	87.000
426.700	168.000	66.000

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

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
20.1	OC01	#		0.5-	1
26.4	OC02	5B62		0.5-	1
35.1	OC03	5B6	80 (5A6) MINOR	0.5-	1
38.2	OC04	5A6	80	0.5-	1
49.1	OC05	5B6	8C (10Q0) MINOR	0.5-	1
49.6	OC06	5B62	89	0.5-	1
52.2	OC07	5B0	[5B35]	0.5-	1
53.4	OC08	5A19	(4A0) T.O.I.	0.5-	1
58.1	OC09	5C3		0.5-	1
61.5	OC10	5B0		0.5-	1
62.2	OC11	5C3		0.5-	1
72.2	OC12	5B0	(5C3) MINOR C.O.I.	0.5-	1
73.9	OC13	5B3	82	0.5-	1
78.0	OC14	5B6	82 80	0.5-	1
90.6	OC15	5B62	(5A6) 90:10	0.5-	1
109.2	OC16	5A6	8C (5A19)	0.5-	1
113.2	OC17	5B3	(5A3)	0.5-	1
114.5	OC18	5A6	80	0.5-	1
116.1	OC19	5A3	(503)	0.5-	1
127.4	OC20	5A1	89 (500 & 1 & 9) MINOR	0.5-	1
128.5	OC21	500	.	0.5-	1
129.5	OC22	5A0		0.5-	1
132.4	OC23	5A19	(5A61) T.O.I. -> 4AC	0.5-	1
146.2	OC24	5A10	(500)	0.5-	1
151.7	OC25	5B0		0.5-	1
154.3	OC26	5B20		0.5-	1
156.9	OC27	5A3	(5B3) GOUGE	0.5-	1
157.9	OC28	5A0	(500) MINOR	0.5-	1
160.3	OC29	10Q0	(5A0) 80:20	0.5-	1
161.6	OC30	5A90	(500) 92:08	0.5-	1
162.7	OC31	5A61	89	0.5-	1
171.8	OC32	5A61	9 (5B629) GOUGE	0.5-	1
175.9	OC33	5B62	81 89 "WEASEL ROCK"	0.5-	1
176.7	OC34	4E18	(4H14) (4L0)	0.5-	1
177.3	OC35	4L14		0.5-	1
177.9	OC36	4E17	8 (4L)	0.5-	1
179.5	OC37	4L7		0.5-	1
181.0	OC38	5A69	(4L7)	0.5-	1
184.7	OC39	5A6	(10Q#)	0.5-	1
187.0	OC40	5B62	(10Q*) MINOR	0.5-	1
188.3	OC41	5A3	(10Q*) MINOR T.O.I.	0.5-	1
189.6	OC42	4C7*	(5A6) (4LC) (10QC)	0.5-	1
190.7	OC43	5A19	(4L7)	0.5-	1
191.3	OC44	4C68	* 3 (4E8) [4E16E (4E8)]	0.5-	1
193.4	OC45	4C83	9* (4E8) 80:20 [4E189* (4E8)]	0.5-	1
193.6	OC46	4G41	8#	0.5-	1
194.7	OC47	4E14	8*	0.5-	1
195.5	OC48	4C83	9*	0.5-	1
196.6	OC49	4E6	8* (4LC) (4CC)	0.5-	1
197.3	OC50	5A19	(4E4) (5B4) 43:14:43	0.5-	1
201.5	OC51	4E1	6E* (4D4) (4LC) MINOR	0.5-	1

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

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
204.0	OC52	4E14	8*	0.5-	1
204.8	OC53	4L14		0.5-	1
205.7	0054	4E64	8* (4L*) 90:10	0.5-	1
207.4	0055	4A1	(4L1*) 75:25	0.5-	1
208.4	0056	4E64	8* (4D48) 80:20	0.5-	1
208.8	0057	4L48	(4E8) C.O.I.	0.5-	1
209.5	OC58	4E16	48#	0.5-	1
211.4	OC59	4E8*	(10Q*)	0.5-	1
212.1	OC60	4C78	3[4E178]. (4HC) E.O.I. 85:15	0.5-	1
215.3	OC61	5A19	(10Q*) (5D0) 91:06:03	0.5-	1
215.8	OC62	4GE	# (4E0) E.O.I. (4L1)	0.5-	1
216.4	OC63	4L1	(5A0) T.O.I. 85:15	0.5-	1
217.7	OC64	4E16	8*	0.5-	1
219.0	OC65	5A3	81 89 (5D0) E.O.I. 85:15	0.5-	1
221.7	OC66	4G*	81 (4E18)	0.5-	1
222.2	OC67	5AC	(10Q0)	0.5-	1
224.1	OC68	4E16	8# (4L0) (5A0)	0.5-	1
224.6	OC69	4L4		0.5-	1
225.1	OC70	4E8	* (4L4) 40:60	0.5-	1
228.1	OC71	4A13	(4A14) T.O.I.	0.5-	1
228.6	OC72	4G8	(4C3) T.O.I. (5C*4) C.O.I.	0.5-	1
235.8	OC73	5B32	84 (5C3) MINOR C.O.I.	0.5-	1
236.6	OC74	4CG	(4L0)	0.5-	1
237.1	OC75	4L3		0.5-	1
237.7	OC76	4G4	(4E4) E.O.I. 85:15	0.5-	1
239.7	OC77	4A1	(5C4*) MINOR T.C.I.	0.5-	1
240.6	OC78	4A1	(4C0) 90:10	0.5-	1
241.9	OC79	4A1		0.5-	1
243.0	OC80	4A1	(4G4*) 82:18	0.5-	1
243.8	OC81	4E1	(4G4*8)	0.5-	1
244.3	OC82	4C3	(4L0) MINOR E.O.I.	0.5-	1
246.3	OC83	4CE3	(4L0)	0.5-	1
247.4	OC84	4E16	8#	0.5-	1
249.3	OC85	4E1	(4H0)(10Q0)(5A9)SHEARED 50X4EH	0.5-	1
250.0	OC86	5A6	8C 89	0.5-	1
261.5	OC87	5A6	(5A19)	0.5-	1
264.3	OC88	5A19	[4A0]	0.5-	1
265.3	OC89	5A6	(5A19)	0.5-	1
268.2	OC90	5A19	[4A0]	0.5-	1
285.9	OC91	5A6		0.5-	1
288.7	OC92	5A1	89 (5A6)	0.5-	1
302.3	OC93	5A6		0.5-	1
305.6	OC94	5A3	GOUGE	0.5-	1
303.4	OC95	5A6	(5D0) 90:10	0.5-	1
313.9	OC96	5A6	SHEARED	0.5-	1
315.3	OC97	5AC	(5D4C)	0.5-	1
318.8	OC98	4LC	87	0.5-	1
324.7	OC99	4L6	(3G8 84)	0.5-	1
331.0	OC100	3GC	88 84	0.5-	1
349.8	OC101	5DC	8IO	0.5-	1
354.6	OC102	4LC	87	0.5-	1

21FEB84 GRUM

CGWN-HOLE LITHOLOGY (DHO20)

PAGE: 21

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

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
362.2	0103	4LC	(3G4) 60:40	0.5-	1
366.6	0104	4L4	81	0.5-	1
367.4	0105	4LA	BIO	0.5-	1
370.1	0106	4LC		0.5-	1
373.2	0107	3GC		0.5-	1
381.1	0108	3EC	86	0.5-	1
389.8	0109	3GC	(3G9 83) (303 BIC)	0.5-	1
390.4	0110	1000		0.5-	1
394.7	0111	5B62	80	0.5-	1
407.1	0112	5A3	89	0.5-	1
411.0	0113	5A6	80 (500)	0.5-	1
417.8	0114	5A3	80 (500) (1000)	0.5-	1
418.9	0115	5A6	GOUGE	0.5-	1
420.0	0116	303	(5A6) GOUGE	0.5-	1
425.4	0117	303	(4L1) BIO	0.5-	1
427.1	0118	306	(10E9)	0.5-	1
429.1	0119	100	(4L1)	0.5-	1

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

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

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

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	DIRECT	S1 ANGLE	DIRECT	S2 ANGLE	DIRECT	RFE	CDE	DHDC	SDC	PROCESS
FAGA216	O.C	186.1	CS2	S	0	0	0	C	65	230	C		1	1	1
FAGA216	O.C	188.6	CS2	3	0	0	0	C	60	230	C		1	1	1
FAGA216	O.C	190.5	CS2	3	0	0	10	210	70	230	O		1	1	1
FAGA216	O.G	191.1	PS2	P	0	0	0	C	60	230	C		1	1	1
FAGA216	O.C	195.3	PS2	P	0	0	0	C	60	230	C		1	1	1
FAGA216	O.C	197.0	CS2	Z	0	0	0	C	60	230	C		1	1	1
FAGA216	O.C	201.5	PS2	P	0	0	0	C	65	230	C		1	1	1
FAGA216	O.C	203.8	PS2	F	0	0	0	0	65	230	C		1	1	1
FAGA216	O.G	208.5	PS2	P	0	0	0	0	75	230	C		1	1	1
FAGA216	O.C	212.2	CS2	E	0	0	0	0	55	230	O		1	1	1
FAGA216	O.G	213.7	CS2	E	0	0	0	C	60	230	C		1	1	1
FAGA216	O.G	215.6	PS2	P	0	0	0	0	45	230	C		1	1	1
FAGA216	O.C	217.9	CS2	Z	0	0	0	C	60	230	C		1	1	1
FAGA216	O.C	218.1	CS2	Z	0	0	0	C	55	230	O		1	1	1
FAGA216	O.C	219.1	CS2	E	0	0	0	0	55	230	C		1	1	1
FAGA216	O.C	221.3	PS2	P	0	0	0	C	65	230	C		1	1	1
FAGA216	O.O	224.3	PS2	P	0	0	0	0	50	230	O		1	1	1
FAGA216	O.O	226.8	CS2	Z	0	0	0	0	75	230	C		1	1	1
FAGA216	O.G	229.3	CS2		C	0	0	C	90	230	O		1	1	1
FAGA216	O.C	232.3	CS2		0	0	0	C	90	230	O		1	1	1
FAGA216	O.O	238.4	PS2	P	0	0	0	C	70	230	C		1	1	1
FAGA216	O.C	240.8	PS2	P	0	0	0	C	70	230	C		1	1	1
FAGA216	O.G	243.4	PS2	P	0	0	0	C	60	230	C		1	1	1
FAGA216	O.G	246.4	PS2	P	0	0	0	C	65	230	O		1	1	1
FAGA216	O.G	249.7	PS2	P	0	0	0	0	70	230	C		1	1	1
FAGA216	O.C	251.8	CS2	S	0	0	0	0	80	230	C		1	1	1
FAGA216	O.C	257.1	PS2	P	0	0	0	0	80	230	C		1	1	1
FAGA216	O.C	259.6	CS2	S	0	0	0	0	75	230	O		1	1	1
FAGA216	O.C	260.7	CS2	S	0	0	0	C	75	230	C		1	1	1
FAGA216	O.G	263.3	CS2	D	0	0	0	C	70	230	C		1	1	1
FAGA216	O.G	267.1	CS2	S	0	0	0	C	70	230	O		1	1	1
FAGA216	O.G	272.7	PS2	P	0	0	0	C	75	230	O		1	1	1
FAGA216	O.C	276.3	CS2	S	0	0	0	0	75	230	O		1	1	1
FAGA216	O.C	280.0	CS2	S	0	0	0	C	75	230	C		1	1	1
FAGA216	O.C	285.9	PS2	P	0	0	0	C	65	230	C		1	1	1
FAGA216	O.G	288.6	CS2	S	0	0	0	C	75	230	C		1	1	1
FAGA216	O.C	291.3	PS2	P	0	0	0	C	70	230	C		1	1	1
FAGA216	O.G	293.6	CS2	S	0	0	0	C	55	230	C		1	1	1
FAGA216	O.C	306.4	PS2	P	0	0	0	0	65	230	C		1	1	1
FAGA216	O.C	307.6	CS2	Z	0	0	0	0	75	230	C		1	1	1
FAGA216	O.G	313.2	CS2	Z	0	0	0	C	70	230	C		1	1	1
FAGA216	O.C	316.2	PS2	P	0	0	0	C	80	230	C		1	1	1
FAGA216	O.C	319.7	PS2	P	0	0	0	C	75	230	C		1	1	1
FAGA216	O.G	323.2	CS2	Z	0	0	0	C	75	230	C		1	1	1
FAGA216	O.C	324.7	CS2	Z	0	0	0	C	70	230	C		1	1	1
FAGA216	O.G	329.6	CS2	Z	0	0	0	C	70	230	C		1	1	1
FAGA216	O.C	331.7	CS2	3	0	0	0	C	75	230	C		1	1	1
FAGA216	O.C	333.3	CS2	3	0	0	0	C	75	230	C		1	1	1
FAGA216	O.C	337.5	PS2	P	0	0	0	C	60	230	C		1	1	1
FAGA216	O.C	340.4	CS2		0	0	0	C	90	230	C		1	1	1
FAGA216	O.C	342.8	CS2		0	0	0	C	90	230	C		1	1	1

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

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

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

DDH	F DEPTH	T DEPTH	FEAT	REC	CD	PARLL	UPPER PLANE	INTERNAL PLANE	LOWER PLANE	D-F-D			
FAGA216	0.0	21.8	1Q				0	0	C	C	0	0	1
FAGA216	26.4	26.8	G				0	0	C	C	0	0	1
FAGA216	32.3	34.1	PG		C		0	0	C	C	0	0	1
FAGA216	39.C	39.3	G				0	0	20	15C	0	0	1
FAGA216	55.C	57.1	JXQ				C	0	1	90	0	0	1
FAGA216	0.C	67.4	1G				0	0	C	C	0	0	1
FAGA216	78.6	82.0	MP		1		0	0	C	C	0	0	1
FAGA216	84.7	86.7	P		0		C	0	C	C	0	0	1
FAGA216	91.4	93.8	P		2		0	0	C	C	0	0	1
FAGA216	93.8	96.4	GP		3		0	0	C	C	0	0	1
FAGA216	0.C	141.4	1G				0	0	99	999	0	0	1
FAGA216	144.8	145.7	G				0	0	C	C	0	0	1
FAGA216	0.C	147.8	1G				0	0	99	999	0	0	1
FAGA216	154.3	156.9	SG				0	0	3C	C	0	0	1
FAGA216	157.9	160.3	Q				0	0	99	999	0	0	1
FAGA216	146.9	163.5	1JQ				0	0	2C	27C	0	0	1
FAGA216	0.0	166.2	1S				0	0	99	999	0	0	1
FAGA216	166.8	167.0	1S				0	0	0	C	0	0	1
FAGA216	168.0	170.1	GPS		1		0	0	C	C	0	0	1
FAGA216	171.9	174.0	BG				0	0	C	C	0	0	1
FAGA216	174.3	174.6	S				0	0	C	C	99	999	1
FAGA216	0.C	223.1	1S				0	0	99	999	0	0	1
FAGA216	231.0	231.2	S				0	0	6C	15C	0	0	1
FAGA216	235.8	236.1	Q				0	0	C	0	0	0	1
FAGA216	0.C	249.1	1S				0	0	99	999	0	0	1
FAGA216	281.4	281.6	G?				0	0	C	0	0	0	1
FAGA216	282.9	283.4	G				C	0	0	C	0	0	1
FAGA216	0.C	288.9	1G				0	0	0	0	0	0	1
FAGA216	299.3	300.5	G				C	0	0	C	0	0	1
FAGA216	302.3	304.8	G				0	0	C	C	0	0	1
FAGA216	304.8	305.7	S				0	0	45	33C	0	0	1
FAGA216	308.2	309.0	SG				0	0	0	C	0	0	1
FAGA216	310.8	312.4	SG				0	0	99	999	0	0	1
FAGA216	0.C	315.2	1G				0	0	C	C	99	999	1
FAGA216	299.3	315.2	F				0	0	C	C	0	0	1
FAGA216	0.C	335.6	1G				0	0	C	C	0	0	1
FAGA216	0.C	361.6	1G				0	0	99	999	0	0	1
FAGA216	0.0	363.3	1G				0	0	C	C	0	0	1
FAGA216	0.0	367.5	1S				0	0	99	999	0	0	1
FAGA216	0.C	377.7	1S				0	0	C	C	0	0	1
FAGA216	379.3	379.8	G				C	0	C	C	0	0	1
FAGA216	389.8	390.4	Q				C	0	99	999	0	0	1
FAGA216	395.C	412.8	1JQ				C	0	90	C	0	0	1
FAGA216	414.4	417.8	BG				0	0	C	C	0	0	1
FAGA216	418.5	420.3	G				25	90	C	C	45	90	1
FAGA216	423.3	423.7	G				45	90	C	C	0	0	1
FAGA216	426.3	426.6	S				0	0	C	C	0	0	1

21FEB84 GRUM

DOWN-HOLE SPLINES (DHO20)

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

DDH SEGMENT NOS COND INDICATOR

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

84/10/16

GRUM DATABASE - QUIZ REPORT

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

DIAMOND DRILL CORE LOG

Date: Oct. 21/81

Hole Number: FAGA 216 (81-A216)

Project: 1981 GRUM DRILLING

Location: - YANCORDA PLATEAU

Claim: _____

UTM Ferr. Plane Co-ords.: 6904709.2 N

1592288.5 E

Grid Co-ords: 68W

3S

Elevation: 1273.8 m

Total Depth: 429.1 m

Purpose: To test fold style hypothesis at depth.

Reason hole Terminated: _____

Logged by: RST

Date(s) Logged: _____

Drilling Contractor: Arctic Diamond Drilling Ltd

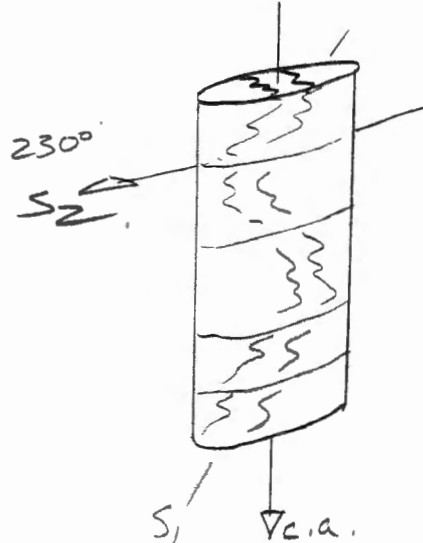
Size	CORE From	To	Collar Cased and Capped:
<u>NQ</u>	<u>20.1</u>	<u>429.1</u>	_____
_____	_____	_____	_____
_____	_____	_____	_____

Hole Cemented: No

Steel down hole: No

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

Reference Fabric Orientation Diagram:



All symmetry determinations looking

NW with S2 dipping

SW with dip azimuth 230°.

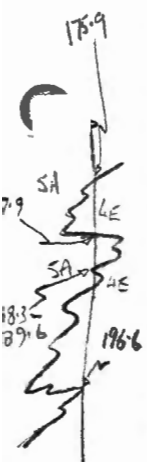
Code	From				To				Recov.	No.	Unit	Description
	10	14	18	20	22	24	26	28				
L		00		20						1	*	Overburden & casing
L		20		26						2	S.B.6.2	Narrow partings on S2 minor qtz vein. 21.8 (0.2m)
L		26		35						3	S.B.6	±3 (SA6) weakly calcareous hardly react to 10% HCl Gauged possibly driller's good zones 26.4-26.8, 32.3-34.1 (0.1m Rec) after 34.1 weak calc filled fractures //ca. SA6 as distinct <0.2m bands over last 1.5m.
L		35		38						4	SA.6	±3 Good black SA weakly calc in places. last metric driller broken?
L		38		49						5	S.B.6	±3 (OQO) Grey phyllite. minor qtz veining @ 41.2-41.5, 43.2 (0.1m), 47.9 (0.1m), 49.0 //S2 Gauge 39.0-39.5 x cuts S2 @ high L see E.A.s.
L		49		49						6	S.B.6.2	±9 minor py in narrow qtz lenses //S2
L		49		52						7	S.B.3.5	laminated weakly calc.
L		52		53						8	SA.1.9	(4A0) transitional zone with 4A0 pyrite developed near top of unit over 0.5m. thinly laminated
L		53		58						9	S.C.3	weakly calcareous. 55.0-57.1 calc. fracture //C.a.
L		58		61						10	S.B.3	±2 minor carbonaceous bands variably strong - weakly reactive to 10% regurgitated lizard spit.
L		61		62						11	S.C.3	minor fuchsite spots developed.
L		62		72						12	S.B.0	(5C3) weakly calc. grey phyllite. narrow interband of SC3 @ 57.5-57.9. m. calc veinlets //ca. drillers good 62.4. Next 4m is transitional one to next.
L		72		73						13	S.B.3	±2 strongly calcareous minor calc veins //ca.
L		73		78						14	S.B.6	±2±3 weakly calcareous in places
L		78		90						15	S.B.6.2	(SA6) minor narrow <0.1m bands SA 10% of unit 78.6-82.0 (0.6m Rec. mismatch), 84.7-86.7 (0.1m Rec), minor calc veinlets //ca.
L		90		109						16	SA.6	±3 (SA19) minor bands especially from 104m on with lensy qtz //S2 minor pyrite 10% of unit. gauge 93.8-96.4 (0.8m rec) no orientation poss. 91.4-93.8 (0.6m rec)?

Lithologic Log

Date: _____

Core	From		To		Recov.	No.	Unit	Description		
	10	14	18	20					22	24
L	1,092	2	1,132	2		17	S.B.3	(SA3) strongly calcareous 4 narrow interbands < 0.1m of SA3.		
L	1,132	2	1,145	5		18	SA.6	±3 weakly calcareous in places		
L	1,145	5	1,161	1		19	SA.3	(SD3) strongly calcareous laminated. 4 narrow lenses < 0.1m of SD3		
L	1,161	1	1,274	4		20	SA.1	±9 (SD±1±9) black siliceous SA. with minor separate Qtz laminae with py. SD bands @ 118.4 (0.3m) and 6 others < 0.05m variably siliceous and pyritic. Minor thin calc fractures		
L	1,274	4	1,285	5		21	SD3	weakly calcareous with minor grey phylite lams.		
L	1,285	5	1,295	5		22	SA.3	weakly to strongly calcareous. Qtz vein lower cut.		
L	1,295	5	1,324	4		23	SA.1,9	(SA.61) SA61 over 1st 0.8m good black. SA19 ⇒ transitional to 4A0 with only minor pyrite over last part of unit		
L	1,324	4	1,462	2		24	SA.1,3	(SD3) weakly calcareous with a few strongly calc intervals. SD3 as narrow bands < 0.1m @ 135.9, 141.5, 142.0, 143.9; Gorge @ 141.4, 144.8-145.7		
L	1,462	2	1,517	1		25	S.B.3	weakly to strongly calcareous Gorge @ 147.8 (0.1m) // S2 w. hairline fracs // ca CO ₂ filled.		
L	1,517	1	1,543	3		26	S.B.3,2	weakly to strongly calc. hairline CO ₂ filled fracs // ca.		
L	1,543	3	1,569	9		27	SA.3	(SB3) strongly calc. shear and gorge zone 30° to ca.		
L	1,569	9	1,579	9		28	SA.3	(SD3) weakly to strongly calc. minor SD3 (0.1m) over last part of unit.		
L	1,579	9	1,603	3		29	1,0,0,0	(SA3) Qtz vein in 80° prob in shear zone sub // S2?		
L	1,603	3	1,616	6		30	SA.3,9	(SD3) weakly calc. SA minor py. 0.1m SD3 at end of unit		
L	1,616	6	1,627	7		31	SA.6,1	±9 minor py in well separated Qtz laminae calc in fractures // ca.		
L	1,627	7	1,718	8		32	SA.6,1	9 (SB629); transitional unit banded SA (not good black SA) ⇒ SB629 pyrite a minor part of unit. Minor calc in fractures sheared & gorged See E-4s		

Code	From		To		Recov.	No.	Unit	Description
	10	14	16	20				
L	1771	0	1759			33	5.B.6.2	±19 Though definitely not 4A has sph. gn in narrow minor qtz bands in 2 nd 1/2 of unit. Gorge @ 174.0. Shear 174.3-174.6. Sharp lower cut //S ₂
L	1759		1767			34	4E.11*	8* (4H14, 4L0) The following ore sections especially in top half of ore interval are not 'type' ore facies. There is high AL, SiO ₂ , magnetite content as laminae on S ₂ as well as being fairly carbonate rich. 4E units have affinity with 4CD types.
L	1767		1773			35	4L.114	fold nose
L	1773		1779			36	4E.117	84(4L) 20% SiO ₂ as S ₂ bands. po replacing py at top of unit. 4L, mgte as thin S ₂ lams
L	1779		1795			37	4L.7.	blebby po. 3?
L	1795		1810			38	5A.6.9	(4L7) transitional unit variably altered po also as blebs in 5A
L	1810		1847			39	5A.6.	(OQ*) minor py as lenses in 5A. minor calcitic qtz veins //S ₂ < 0.05m 10% of unit.
L	1847		1870			40	5.B.6.2	(OQ*) minor blebby po. minor qtz/CO ₂ veins x cutting S ₂ 30° to c.a.
L	1870		1883			41	5.A.3.	(OQ*) minor qtz/CO ₂ vein over 1 st 0.7m minor blebby po. on S ₂ .
L	1883		1896			42	4.L.7.*	(5A6, 4L0, OQO) nose of fold AC/5A contact 20° to ca. minor 4L, 5A at 188.3 (0.1m) and 188.9 (0.4m)
L	1896		1907			43	5.A.1.9	(4L7) 0.1m 4L7 @ 190.3. 5A19 over 1 st 0.2m close to 4A0.
L	1907		1913			44	4.D.6.8	*3(4E8) <10% BaSO ₄ ; 4E8 @ start 0.1m and as narrow bands 40% of unit. weakly calc
L	1913		1934			45	4.D.8	93*(4E8) in frac. mgte as bands 0.5cm in size. lower. 0.4m 4E8 20% mgte. reacts weakly to HCl
L	1934		1938			46	4.G.4.1	8* 20% mgte 10% SiO ₂ moderately calc. not best specimen of 4G
L	1938		1947			47	4.E.1.4	8* 15% SiO ₂ 10% mgte as bands.
L	1947		1955			48	4.D.8	9*3 cp in frac. <10 mgte as bands 30% SiO ₂ weakly reacts to lizard spir.



Code	From				To				Recov.	No.	Unit	Description
	10	14	16	20	22	24	26	28				
L	1955		1966						49	4E6*	8x (4L0, 4D0) thin bands of silica 10% Baso ₄ mgte as bands and minor 4L0 bands.	
L	1966		1973						50	5A1, 9	(4E4, 5B4) 196.9-197.0 4E4 band below is 5B4.	
L	1973		2015						51	4E1*	68x (4D4, 4L0) 10% BaSO ₄ , 15-20% SiO ₂ as discrete bands mgte as thin bands to 0.5cm size minor 4L bands except @ 198.1-199.3. 10% 2m band.	
L	2015		2040						52	4E1, 4	8x 15% mgte. as 0.5cm bands along Sz 10% SiO ₂ reacts weakly to 10% HCl.	
L	2040		2048						53	4L1, 4	Sph, py as narrow bands 2-3% Pb+Zn	
L	2048		2057						54	4E6, 4	8x (4L*) 0.1m 4L band at end of unit + narrow laminae <10% SiO ₂ , 8% Baso ₄ mostly near middle of unit	
L	2057		2074						55	4A1, 3	(4L1*) 15-20% py. narrow 4L bands at 206.1 (0.1m) 206.7 (0.3m) latter pass from 5L unit.	
L	2074		2084						56	4E6*	8x (4D4B) weakly calc. <10% Baso ₄ 4D4B 207.9-208.1	
L	2084		2088						57	4L4, 8	(4E8) narrow band of 4E8 (<0.1m) in middle of unit.	
L	2088		2095						58	4E1, 6	48x weakly calc. 10% SiO ₂ 10% Baso ₄ mgte bands.	
L	2095		2114						59	4E4, 8	* (0Q*) distinct narrow qtz bands 10% of unit mgte bands + 10%.	
L	2114		2121						60	4D7, 8	(4H0) 0.1m band po at end of unit. Sharp lower cuts.	
L	2121		2153						61	5A1, 9	(0Q*, 5D3) minor py qtz/0.2m ver @ 212.9 @ 214.4 (0.2m) with minor cp & po. 0.1m 5D3 near end of unit.	
L	2153		2158						62	4G4, 8	* (4E0), (4L1) narrow loms of 4L1 <10% 4E0 over 0.2m @ end. weakly calc	
L	2158		2164						63	4L1	(5A0) broken SA at start of unit 0.1m.	
L	2164		2177						64	4E1, 6	8x 10% Baso ₄ , 10-15% SiO ₂ magnetite bands	
L	2177		2190						65	5A3	±19 (5D3) strongly calcareous minor py. 5D3 over last 0.2m of unit.	
L	2190		2217						66	4G4*	81 (4E18) 4E as narrow bands in middle of unit and over 0.1m @ end up to 1cm bands of mgte, Qtz as veins Sz <10%	

Code	From		To		Recov.	No.	Unit	Description		
	10	14	18	20					22	24
L	2,217	2,222				67	5A3	(OQO) minor qtz veinling at start of unit.		
L	2,222	2,241				68	A.E.1.6	48% (4L, 5A3) reacts readily to HCl 10% places. 10-15% qtz < 10% BaSO ₄ . Mgte as bands 5A3 @ 222.8-223.1 no shear zone. minor CO ₂ clasts near start of unit.		
L	2,241	2,246				69	4L4	2% Pb+Zn.		
L	2,246	2,251				70	4E.1.8	(4L4) 224.8-225.1 4L4, remainder with narrow 4L laminae and mgte looks nearer normal 4E.		
L	2,251	2,281				71	4A.1.3	(4A14) 4A14 near start of unit rest 15% py.		
L	2,281	2,286				72	A.G.1.8	(4C3, 5C4) 5C in middle < 0.1m. 4C at start 4G4 with minor mgte blebs at end 0.25m		
L	2,286	2,358				73	5B32	±4 (5C3) variably but weakly altered 5B32 strongly calcareous, 5C3 no 0.1m band 23% O. minor aspy in 1cm veinlets.		
L	2,358	2,366				74	4C.30	(4L0) first 0.3m mostly SiO ₂ remainder +20% py with 4L0 partings. Notable unit by high aspy content, especially @ start of unit. 5%.		
L	2,366	2,371				75	4L3	5% py.		
L	2,371	2,377				76	4E.1.4	(4E4) Av last-typical units 4E4 near last 0.1m.		
L	2,377	2,397				77	4A.1.3	(5C4) narrow laminae C. 15% py 5C over 0.05m at start		
L	2,397	2,406				78	4A.1.3	(4C0) + 5% Pb+Zn. 4C0 @ 240.2 (0.1m)		
L	2,406	2,419				79	4A.1.3	cf 77		
L	2,419	2,430				80	4A.1.3	(4G4) 4A + 5% Pb+Zn 4G4 @ 242.2-242.4		
L	2,430	2,438				81	A.E.1.	(4G4*8) 10% qtz 4G4* weakly calc at last 0.1m. mgte as minor blebs.		
L	2,438	2,443				82	4C.3	(4L0) minor 4L near end of unit		
L	2,443	2,463				83	4L.1.8	(4L0) 4L as narrow partings.		
L	2,463	2,474				84	4E.1.6	8% strongly calc at 246.7-246.9 minor BaSO ₄ @ this point also?		

nb Au →

3m from end

starts

Lithologic Log

Code	From				To				Recov.	No.	Unit	Description
	10	14	18	20	22	24	26	28				
L	2474		2493							85	A.E.1	(4H0, 000, 5A9) Sheared zone pyrite → po In places 5A9 + gk veining over last 0.5 m. and @ 247.7 - 248.2
L	2493		2560							86	5A.6	± 3 ± 9 weakly calc in places and occasional m py. But good no doubts about it SA. <small>minor 1cm SiO₂ concretions?</small>
L	2560		2615							87	5A.6	(5A19) minor narrow 5A19 bands, over 1st half.
L	2615		2643							88	5A.1.9	[4A0] would be poor - half poor lusey 4A
L	2643		2653							89	5A.6	(5A19) 2 narrow 5A19 bands in middle of unit.
L	2653		2682							90	5A.1.9	[4A0] similar to unit 88 nb minor SiO ₂ concretions
L	2682		2859							91	5A.6	predominantly good black SA Gorge (@ 282.9/0.4m)
L	2859		2887							92	5A.1	± 9 (5A6) minor thin siliceous bands minor py.
L	2887		3023							93	5A.6	Sandy gorge at 299.3-300.5 see E-4s Zone from 299.3-315.3 part of Deal Lake Fault zone.
L	3023		3056							94	5A.3	Gorge zone strongly calcareous.
L	3056		3084							95	5A.6	(5D3) 0.3m 5D3 @ start of unit
L	3084		3139							96	5A.6	Variably sheared and abundant CO ₂ veins see E-4. Minor pyrite
L	3139		3153							97	5A.3	(5D43) weakly calc SA 5D43 sericitic over 0.2m @ 312.7
L	3153		3188							98	4L.9	± 7 minor po blobs
L	3188		3247							99	4L.6	(3G8±4) transitional to 3G8±4
L	3247		3310							100	3G	± 8 ± 4 weakly altered variably chloritic 3G
L	3310		3498							101	5D3	strongly to weakly reactive chlorite, biotite Carbonate phyllite. 40% biotite.
L	3498		3546							102	4L.9	± 7 minor blebby po
L	3546		3622							103	4L.0	(3G4) - Variably altered 3G. 40% 3G4 60% 4L0
L	3622		3666							104	4L.4	± 1 minor sphgn red sph < 1% Pb+Zn
L	3666		3674							105	4L.X	strongly calcareous minor biotite developed.
L	3674		3701							106	4L.0	Minor shear @ 367.5.
L	3701		3732							107	3G.0	PS2 grey minor narrow gk veining

Code	From		To		Recov.		No.		Unit		Description
	10	14	18	20	22	24	26	28	30	34	
L	373	2	381	1					1,08	3,50	± 6 minor py.
L	381	1	389	8					1,09	3,9,9	(399±3, 3D3) 10.1m 3D3 biotite band minor CO ₂ in fractures & on S ₂ Transitional from #108 to 111
L	389	8	390	4					1,10	0,00	qtz vein // S ₂
L	390	4	394	7					1,11	5B,62	±3 weakly calc. minor narrow bands strongly calc. transitional to #112
L	394	7	407	1					1,12	5A,3	±9 minor py calc. vein and minor bands reach strongly to 105 HCl. near end almost 5A19.
L	407	1	411	0					1,13	5A,6	±3 (5D3) variably calcareous 5D3 bands at start & middle of unit minor.
L	411	0	417	8					1,14	5A,3	(5D3, 000) strongly calc over 15' 2m. then variably calc 5D3, 000 in shear @ 425.0-425.8 broken core, shear & gneiss zone 414.2 to end of unit.
L	417	8	418	9					1,15	5A,6	50% gneiss look ±.
L	418	9	420	0					1,16	3D,3	(5A,6) Gneiss
L	420	0	425	4					1,17	3D,3	(4L1) Biotite qtz carbonite phyllite ⇒ schist minor 4L1 bands, sheared & fractured unit
L	425	4	427	1					1,18	3,D,6	(10E9) sub-bx. calcite veined highly fractured poss 4L1* protolith. light green equigranular diorite amphibole ⇒ chlorite fingers @ 426.6 (0.1m) & 426.9 (0.2m)
L	427	1	429	1					1,19	1,CO	(4L1) 4L1 @ 427.7 - 429.5; 1CO qtz biotite schist above and below this.
											EOH NB Invasive cannot be too far below this!!

Structural Log

Date: _____

Code	From			To			Feature	E Dip	S ₀		S ₁		S ₂		Description
	10	14	18	20	22	24			26	28	32	34	38	40	
S				209	C/S	Z						710	230		22.5m Post D2 folding S2
S				272	INDP							310			
\$	1237			268											Gauge poss. drillers go no orientation.
S				295	INDP							215			
\$	1323			341											Gauge 0.2M nec.
S				353	C/S	S						510			Post D2 folding
S				385	INDH										⊥ to c.a.
S	1390			399				210	11510			710			Gauge zone S0 = fault orient
S				400	C/S	Z						715			
S				405	C/S	E						710			
S				421	C/S	Z						610			
S				428	C/S	Z						615			
S				465	C/S	Z						615			
S				504	C/S	S						810			
S				530	INDH										⊥ to CA
S				553	INDP					215	01110	715			Post D2 kink foliation = S1
S				560				910	0190						S0 = fractures to C.A.
S				596	C/S	Z						70			
S				624	C/S	Z						710			
S				642	C/S	E						610			
S				700	C/S	Z						715			
S				723	C/S	S						715			
S				745	C/S	S						70			
S				783	C/S	S						715			
S				831	C/S	E						810			
S				906	INDP							515			
\$	1938			963											Gauge
S				10103	INDP							715			
S				10154	C/S	S						715			
S				11102	C/S	Z						715			
S				11116	C/S	E						715			
S				11149	C/S	E						715			
S				11175	INDH										⊥ to CA
S				12113	INDH										⊥ to CA

Code	From				To				Feature	SYE	S ₀		S ₁		S ₂		Description
	10	14	16	20	22	24	26	28			Dip	Direct.	Dip	Direct.	Dip	Direct.	
S			112	29	CIS	2	S							75	23	10	
S			112	79	CIS	2	S							5	5		
S			113	07	CIS	2	E							7	0		
S			113	38	CIS	2	S							6	5		
S			114	06	CIS	2	Z							7	5		
\$			114	14													Gouge zone S ₂ (0.1M)
S			114	21	CIS	2	S							7	5		
\$	114	14	8	114	57												Gouge zone 60° to CA
S			114	62	CIS	2	S							6	5		
\$			114	78													Gouge (0.1M) to S ₂
\$			114	89													S ₂ folded by post D ₂ folding
S			114	69	CIS	2	S	210	27	10				6	0		146.9 to 163.5 haulage fractures CO ₃ filled = S ₀
S			115	03	CIS	2	S							7	5		
S			115	19	CIS	2	E							7	0		
S			115	37	CIS	2	S							7	0		
S	115	43	115	69				310	10	10							Shear & gouge zone S ₀ = shear
S			115	79	CIS	2	E							7	5		
S			115	99	CIS	2	Z							7	5		
S			116	23	CIS	2	S							6	0		
S			116	46	CIS	2	E							6	0		
\$			116	62													0.2M Shear zone S ₂
S			116	72	CIS	2	S							6	0		166.8-167.0 shear zone
\$	116	18	0	117	01												Gouge zone 0.4M acc.
\$	117	19	9	117	40												Broken core & Gouge zone
S			117	43	CIS	2	S							7	5		174.3 to 174.6 shear zone sub S ₂
S			117	60	WIDP									4	0		Cont. E ove sharp, S ₂
S			117	70	CIS	2	S							6	0		
S			117	97	CIS	2	M							8	0		
S			118	12	CIS	2	S							6	5		
S			118	38	CIS	2	M							6	5		
S			118	61	CIS	2	S							6	5		
S			118	86	CIS	2	Z							6	0		

Structural Log

Date: _____

Logged By: PST/LMT

Code	From				To				Feature	E S ₁	S ₀		S ₁		S ₂		Description
	10	14	18	20	22	24	26	28			Dip	Direct.	Dip	Direct.	Dip	Direct.	
S				11910	5	CIS	2	3			110	21	110	710	21310	L2 a2murch 320°	
S				11911	1	IND	R							610			
S				11915	3	IND	R							610			
S				11917	0	CIS	2	Z						610			
S				12101	5	IND	R							615			
S				12103	8	IND	R							615			
S				12108	5	IND	R							715			
S				12112	2	CIS	2	E						515			
S				12113	7	CIS	2	E						610			
S				12115	6	IND	R							415			
S				12117	9	CIS	2	Z						610			
S				12118	1	CIS	2	Z						515			
S				12119	1	CIS	2	E						515			
S				12121	3	IND	R							615			
\$				12123	1											Shear 0.2M wide // S ₂	
S				12124	3	IND	P							510			
S				12126	8	CIS	2	Z						715			
S				12129	3	IND	H									⊥ to CA	
S	12131	10		12311	2				610	150						shear = S ₀	
S				12312	3	IND	H									⊥ to CA	
S				12318	4	IND	R							710			
S				12410	8	IND	R							710			
S				12413	4	IND	R							610			
S				12416	4	IND	R							615			
\$				12419	1											Pass. shear (0.2M) // to S ₂	
				12419	7	IND	P							710			
S				12511	8	CIS	2	S						810			
S				12517	1	IND	P							810			
S				12519	6	CIS	2	S						715			
S				121610	7	CIS	2	S						715			
S				12163	3	IND	D							710			
S				121617	1	CIS	2	S						710			
S				12172	7	IND	P							715			
S				121716	3	CIS	2	S						715			
S				121810	0	CIS	2	S						715			
\$	121811	4		121811	6											Pass. drillers goo or gouge	

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.	
\$	1218	129	1218	134													Gouge // S ₂
S			1218	159	1	IND	P							615	2310		
S			1218	186	C	S12	S							715			@ 288.9 0.1M gouge zone
S			1219	113	1	IND	P							710			
S			1219	136	C	S12	S							515			
\$	1219	193	1310	105													Sandy gouge zone
\$	1310	23	1310	48													Gouge zone
S	1310	48	1310	57					415	3130							shear zone = S ₀ ; slicks azimuth at 290° to S ₂ azimuth around the core
S			1310	164	1	IND	P							615			
S			1310	176	C	S12	Z							715			
\$	1310	182	1310	190													shear & gouge zone 25° to CA
\$	1311	108	1311	124													shear & gouge zone sub // to S ₂
S			1311	132	C	S12	Z							710			
\$			1311	152													0.2M gouge // S ₂ sharp contact to 4L below
\$																	Note usual - yawn - increase in metamorphic grade not too far below lowest D.L.F. gouge at 315.2m
S			1311	162	1	IND	P							810			
S			1311	197	1	IND	P							715			
S			1312	132	C	S12	Z							715			
S			1312	147	C	S12	Z							710			
S			1312	196	C	S12	Z							710			
S			1313	117	C	S12	Z							715			
S			1313	133	C	S12	Z							715			
\$			1313	156													0.1M gouge
S			1313	175	1	IND	P							610			
S			1314	104	1	IND	H										⊥ to CA
			1314	128	1	IND	H										⊥ to CA

Doc
Lak
ja!

Code	From				To				Feature	S/E	S ₀		S ₁		S ₂		Description
	10	14	16	20	22	24	26	28			Dip	Direct.	Dip	Direct.	Dip	Direct.	
S				131414	2	CIS12	4							715	21310		
S				131417	4	CIS12	3							615			
S				131510	0	INID	P							715			
S				131512	9	INID	P							75			
S				131519	0	INID	P							615			
S				131611	0	CIS12	3							615			
\$				131611	6											0.1m gouge zone // S2	
\$				131613	3											0.3m drillers goo or gouge?	
\$				131617	5											0.1m sheen // S2	
S				131618	0	INID	P							715			
				131711	0	INID	P							715			
				131713	6	CIS12	S							715			
\$				131717	7											0.1m sheen	
S				131718	1	INID	P							715			
\$	131719	3		131719	8											Pass. drillers goo or gouge	
S				131810	6	INID	P							615			
S				131814	0	INID	P							615			
S				131816	3	INID	P							715			
S				131819	0	INID	P				510	01510		715		S1 column = S4	
S				131911	7	INID	P							710			
S				131918	7	INID	P							710			
S				141013	8	INID	P							710			
S				141016	0	CIS12	Z							810			
S				141018	6	CIS12	S							710			
S				141111	4	CIS12	S							715			
S				141113	2	INID	H									⊥ to CA	
\$	141114	4		141117	8											Fractured & broken rock & gouge zone	
S				141118	2	INID	P							715			
S	141118	5		141210	3			215	1910	415	1910			615		Gouge zone S ₀ = HW cnt. S ₁ = FW cnt.	
S				141213	2	INID	P							615			
S	141213	3		141213	7			415	1910							Gouge zone S ₀ = HW cnt. NB from 395.0 to 412.8 have fractures CO ₂ filled ⊥ to CA	

CODE	FROM		TO		SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION			
	10	14	16	20						22	26	28
		522		534			12	5A1,9	(4A0)			
P		1759		1767	12331	08	07	4E1,48*	(4H14, 4L0)			
P		1767		1778	12332	12	11	4L1,4	(4E1784) sm 35 & 36			
				9								
P		1883		1896	12333	13	12	4C,7*	(5A6, 4L0, 000)			
								6				
P		1907		1913	12334	06	06	4D,6,8*	(4E8)			
P		1913		1934	12335	21	20	4D,4,8*	(4E8) 4EG*			
P		1934		1947	12336	13	12	4E1,48*	(4G4,8*) sm 46 & 47			
P		1947		1955	12337	08	08	4D,4,8*	9*			
P		1955		1966	12338	11	10	4E6,48*	(4L0, 4D0)			
P		1966		1973	12339	07	07	5A1,9	(4E4, 5B4)			
P		1973		1994	12340	21	20	4E1,48*	(4D4, 4L0)			
P		1994		2015	12341	21	20	4E1,48*	(4D4, 4L0)			
P		2015		2040	12342	25	23	4E1,48*				
P		2040		2057	12343	17	16	4E6,48*	(4L*) 4EL			
P		2057		2074	12344	17	16	4A1,3	(4L1*)			
P		2074		2084	12345	10	09	4E6,48*	(4D4,8)			
P		2084		2088	12346	04	04	4L4,8	(4E8)			
P		2088		2095	12347	07	06	4E1,648*				
P		2095		2114	12348	19	18	4E,48*	(0Q*)			
P		2114		2121	12349	07	07	4D,7,8	(4H0)			
P		2153		2158	12350	05	05	4G,48*	(4E0, 4L1)			
P		2164		2177	12351	13	12	4E1,68*				
P		2190		2203	12352	13	12	4G,48*				
P		2203		2217	12353	14	14	4G,48*				
P		2222		2241	12354	19	18	4E1,648*	(4L0, 5A3)			
P		2241		2246	12355	05	04	4L4				
P		2246		2251	12356	05	05	4E4,8*	(4L4) 4EL			
P		2251		2266	12357	15	14	4A1,3	(4A14)			
P		2266		2281	12358	15	14	4A1,3	(4A14)			

combined during assay

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	
P	228	1	228	6	123,59		05		04		4G4,8		(4C3,5LX4)
P	235	8	236	6	123,60		08		08		4C3		(4L0) NB Aspy.
P	237	1	237	7	123,61		06		06		4G4		(4E4)
P	237	7	239	7	123,62		20		19		4A,13		(5C4*)
P	239	7	240	6	123,63		09		08		4A,13		(4C0)
P	240	6	241	9	123,64		13		13		4A,13		
P	241	9	243	0	123,65		11		10		4A,13		(4G4*)
P	243	0	243	8	123,66		08		07		4E1		(4G4*8)
P	243	8	244	3	123,67		05		04		4C0		(4L0)
P	244	3	246	3	123,68		20		19		4D4,8		(4L0) 4C8
P	246	3	247	4	123,69		11		10		4E1,6		8*
P	247	4	249	3	123,70		19		18		4E1		(4H0,0Q0,5A9)
P	261	5	262	9	123,71		14		14		5A,1,9		[4A0]
P	262	9	264	3	123,72		14		13		5A,1,9		[4A0]
P	265	3	266	8	123,73		15		14		5A,1,9		[4A0]
P	266	8	268	2	123,74		14		14		5A,1,9		[4A0]
P	3,622		3,644		123,75		22		21		4L4		±1
P	3,644		3,666		123,76		22		21		4L4		±1

FAULT

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

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Structural Log

Date: _____ Logged By: _____

Code	From				To				Feature	S/E	S ₀		S ₁		S ₂		Description
	10	14	18	20	22	24	26	28			Dip	Direct.	Dip	Direct.	Dip	Direct.	
F				218	11Q1												minor qtz vein (0.2m)
F	1216	4		1216	8	G											gauge
F	1312	3		1314	1	PG	0										gauge 0.1m/1.8m
F	1319	0		1319	3	G					210	11510					gauge cross-cuts S ₂
F	1515	0		1517	1	JIX10					011	01910					calc. fractures // C.A.
F				1617	4	1G											drillers goo - gauge
F	1718	6		1820	0	MP1	1										0.6m/3.4m mismatch
F	1814	7		1816	7	P	0										0.1m/2.0m
F	1913	8		1916	4	GP	3										0.8m/2.6m gougey
																	no orient - IVD
F	1911	4		1913	8	P	2										0.6m/2.4m no reasons
																	given
F				1141	4	1G					919	91919					gauge, // S ₂
F	1141	4		11415	7	G											gauge, 60° to C.A.
F				11417	8	1G					919	91919					gauge (0.1m) // S ₂
F	11416	9		11613	5	1WA					210	21710					hair-line fractures filled
																	by CO ₂
F	11514	3		11516	9	5G					310	01010					shear & gauge zone
F	11517	9		11610	3	Q					919	91919					sub // S ₂ ? 80% qtz vein
F	11618	0		11710	1	GP.S1											gauge, 0.4m/2.1m
F	11711	9		11714	0	8G											broken core & gauge
F	11714	3		11714	6	S							919	91919			shear
F				11616	2	1S					919	91919					0.2m shear zone // S ₂
F	11616	8		11617	0	1S											shear zone
F				1212	31	1S					919	91919					0.2m shear // S ₂
F	12131	0		12131	2	S					610	11510					0.2m shear
F	1213	58		1213	16	1Q											qtz vein
F				1214	19	1S					919	91919					0.2m shear // S ₂
F	12181	4		12181	6	G?											gauge or drillers goo
F	12181	29		12181	34	G					919	91919					gauge // S ₂
F				12181	89	1G											0.1m gauge
F	1219	93		1310	0	5G											sandy gauge
F	1310	123		1310	148	G											IVD gauge - strongly calcareous
F	1310	148		1310	157	S					415	31310					shear zone
F	1310	182		1310	190	5G											shear & gauge, 25° to C.A.
F	1311	108		1311	124	5G					919	91919					shear & gauge

~~FAULT~~

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

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Structural Log

Date: _____ Logged By: _____

Code	From				To				Feature	SYE	S ₀		S ₁		S ₂		Description		
	10	14	18	20	22	24	26	28			Dip	Direct.	Dip	Direct.	Dip	Direct.			
F				131152	11G									919	919	919	919	0.2m gauge 11 S ₂ cut to 46 at bottom	
F	1219	93		131152	F1													DOAL LAKE? (RST) note metamorphic grade increases below fault zone	
F				131356	11G													0.1m gauge	
F				131616	11G							919	919					0.1m gauge 11 S ₂	
F				131633	11G													0.3m Driller's gaug or gauge	
F				131675	11S1							919	919					0.1m shear 11 S ₂	
F				131777	11S1													0.1m shear	
F	131793			131798	G1													para. Driller's gaug or gauge	
F	131818			131910	4G1							919	919					qtz vein 11 S ₂	
F	141144			141178	B1G													broken rock & gauge	
F	141185			141210	3G1					215	019	10				45	09	10	gauge
F	141213			141237	G1					415	019	10							gauge zone
F	131915			141128	11W1G									910	010	10			hard linear fractures, CO ₂ filled ± C.A. shear zone, 50° C.A.
				141216	3														
				141216	6														

FAGU163

84/10/16

GRUP DATABASE - QUIZ REPORT

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DCH	SAMPLE	---DEPTHS---		INT M	REC %	ROCK UNIT	S.G.	CU %	PB %	ZN %	AG G/MT	AU G/MT	PO %	PY %	BAO %	PB+ZN %	PO+PY %	ZP RATIO
		FROM	TO															
FAGU163	7646	.C	2.1	2.1	10	4C8	3.69	.20	.14	1.55	15.0	1.10	1.99	25.80		1.69	27.79	.92
	7647	2.1	4.1	2.0	65	4C8	3.46	.23	.20	1.31	12.0	.55	3.06	20.30		1.51	23.36	.87
	764E	4.1	6.1	2.0	100	4C8	3.39	.25	.33	.92	17.0	.75	2.65	19.00		1.25	21.65	.74
	7649	6.1	8.0	1.9	100	4C8	3.48	.24	1.54	2.50	39.0	1.10	2.00	19.20		4.04	21.20	.62
	765C	19.4	21.0	1.6	94	4HE	3.66	.09	3.50	2.80	53.0	.21	15.60	10.00		6.30	25.60	.44
	7651	60.4	61.8	1.4	93	4G4	4.64	.17	5.40	9.10	102.0	1.71	1.01	15.60		14.50	16.61	.63
	7652	61.8	63.4	1.6	100	4G4	4.40	.16	3.90	7.70	71.0	1.65	1.12	17.90		11.60	19.02	.66
	7653	89.6	91.0	1.4	43	4C3	3.53	.27	1.09	.60	27.0	.89	2.73	15.80		1.69	22.53	.36
	7654	91.0	93.3	2.3	57	4D38	3.90	.13	3.20	2.50	46.0	.75	7.40	20.00		5.70	27.40	.44
	7655	93.3	95.0	1.7	94	4C37	3.81	.29	1.60	1.56	28.0	.48	17.28	14.50		3.16	31.78	.49

84/1C/16

GRUM DATABASE - QUIZ REPORT

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DDH	SAMPLE	ROCK UNIT	NORMATIVE MINERALS - WEIGHT %							OTHER *	CPY	NORMATIVE MINERALS - VOLUME %						
			GA	SP	PC	PY	BAR	OTHER *	CPY			GA	SP	PO	PY	BAR	OTHER	
FAGU163	7646	4C8	.58	.16	2.31	3.13	55.48		38.34	*	.52	.08	2.18	2.57	41.95		52.70	
	7647	4C8	.66	.23	1.95	4.81	43.66		48.68	*	.56	.11	1.73	3.72	31.01		62.87	
	7648	4C8	.72	.38	1.37	4.17	40.86		52.50	*	.60	.18	1.19	3.15	28.44		66.44	
	7649	4C8	.69	1.78	3.73	3.15	41.29		49.37	*	.59	.84	3.30	2.42	29.26		63.60	
	7650	4HQ	.26	4.04	4.17	24.53	21.51		45.48	*	.22	1.94	3.75	19.17	15.46		59.46	
	7651	4G4	.49	6.24	13.57	1.59	33.55		44.57	*	.42	3.01	12.29	1.25	24.31		58.72	
	7652	4G4	.46	4.50	11.48	1.76	38.49		43.30	*	.40	2.19	10.47	1.40	28.09		57.45	
	7653	4C3	.78	1.26	.89	4.29	42.58		50.19	*	.66	.59	.79	3.30	30.11		64.54	
	7654	4D3B	.38	3.70	3.73	11.64	43.01		37.55	*	.34	1.87	3.54	9.62	32.70		51.92	
	7655	4C37	.84	1.85	2.33	27.18	31.18		36.63	*	.75	.93	2.19	22.30	23.54		50.28	

DRILL HOLE : FAGU163
NORTHING : 904,740.0
EASTING : 592,481.2
ELEVATION : 1,174.9
TOTAL DEPTH : 112.0
SECTION : W 64
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
CHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS CRE-SAMPLES: 10
NOS DOWN-H-SURVEYS: 2
NOS DOWN-H-LITHOLOGY: 29
NOS DOWN-H-STRUCTURE: 41
NOS DOWN-H-FAULTS: 29
NOS DOWN-H-SPLINES: 2
NOS COMPOSITES: 0

EDH: FAGU163 UTM-N: 904,740.0 UTM-E: 592,421.2 UTM-ELEV: 1,174.9 TOTAL DEPTH: 112.0 SECTION: W 64
 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-----													
FRCM	TO					CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AL(FA) G/MT	PC %	PY %	TCT FE	BAO %	HG %	MN %	AS %	BA %
.0	2.1	07646	2.1	.2	4C8	3.69	.20	.14	1.55	15.00		1.30	1	25	27				
2.1	4.1	07647	2.0	1.3	4C8	3.46	.23	.20	1.31	12.00		.55	3	20	23				
4.1	6.1	07648	2.0	2.0	4C8	3.39	.25	.33	.92	17.00		.75	2	19	21				
6.1	8.0	07649	1.9	1.9	4C8	3.48	.24	1.54	2.50	39.00		1.10	2	19	21				
19.4	21.0	07650	1.6	1.5	4H2	3.66	.09	3.50	2.80	53.00		.21	15	10	25				
60.4	61.8	07651	1.4	1.3	4G4	4.64	.17	5.40	9.10	102.00		1.71	1	15	16				
61.8	63.4	07652	1.6	1.6	4G4	4.40	.16	3.90	7.70	71.00		1.65	1	17	19				
89.6	91.0	07653	1.4	.6	4C3	3.53	.27	1.09	.60	27.00		.89	2	19	22				
91.0	93.3	07654	2.3	1.3	4D38	3.90	.13	3.20	2.50	46.00	43.00	.75	7	20	27				
93.3	95.0	07655	1.7	1.6	4C37	3.81	.29	1.60	1.56	28.00		.48	17	14	31				

WEIGHTED AVERAGE

.0	8.0		8.0	5.4		3.50	.22	.53	1.55	20.45		.92	2	21	23				
19.4	21.0		1.6	1.5		3.66	.09	3.50	2.80	53.00		.21	15	10	25				
60.4	63.4		3.0	2.9		4.51	.16	4.60	8.35	85.46		1.67	1	16	17				
89.6	95.0		5.4	3.5		3.77	.21	2.14	1.71	35.40	18.31	.70	9	18	27				

EDH: FAGU163 UTM-N: 904,740.0 UTM-E: 592,481.2 UTM-ELEV: 1,174.9 TOTAL DEPTH: 112.0 SECTION: W 64
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DMC CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMLTH
0.000	91.000	224.100
61.000	90.000	229.000

CDH: FAGU163 UTM-N: 904,740.0 UTM-E: 592,481.2 UTM-ELEV: 1,174.9 TOTAL DEPTH: 112.0 SECTION: W 64
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	INC
8.1	0001	4C8	(4C0)	0.5-	1
9.7	0002	5B26	(4L2) 50:50	0.5-	1
12.5	0003	5A6		0.5-	1
13.0	0004	5B6		0.5-	1
19.4	0005	5B4	[4L0]	0.5-	1
21.0	0006	4H3	BXA (4K17) (4E7) AT E.O.I.	0.5-	1
21.8	0007	4LC	?	0.5-	1
23.6	0008	5B6		0.5-	1
24.6	0009	5B6	(10Q0) 50:50	0.5-	1
29.3	0010	5A3		0.5-	1
32.2	0011	5A83	(5A08)	0.5-	1
49.9	0012	5A3		0.5-	1
50.7	0013	5C3	(10QC)	0.5-	1
57.3	0014	5A3		0.5-	1
60.4	0015	5B6	(5A)	0.5-	1
63.4	0016	4G4		0.5-	1
63.9	0017	1CC0		0.5-	1
65.5	0018	5A96		0.5-	1
72.8	0019	5A3	?	0.5-	1
74.4	0020	5B0	(5D4*)	0.5-	1
82.8	0021	5B0		0.5-	1
84.4	0022	5B62		0.5-	1
88.4	0023	5B20		0.5-	1
89.6	0024	5B0		0.5-	1
91.0	0025	4C3		0.5-	1
93.3	0026	4D38		0.5-	1
95.0	0027	4C37		0.5-	1
110.7	0028	5A3		0.5-	1
112.0	0029	5C4*		0.5-	1

DDH: FAGU163 UTM-N: 904740.0 UTM-E: 592481.2 UTM-ELEV: 1174.9 TOTAL DEPTH: 112.0 SECTION: W 64
 RFE: S2 RFE DIR: 230 FLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	SC	ANGLE	DIRECT	S1	ANGLE	DIRECT	S2	ANGLE	DIRECT	RFE	CDE	DHCC	SOC	PROCESS
FAGU163	0.0	3.3	PS2	P		0	C	0	C		70	230	C			1	1	1
FAGU163	0.0	5.3	PS2	P		0	C	0	C		45	230	C			1	1	1
FAGU163	0.0	8.4	CS2	Z		0	C	0	C		20	230	C			1	1	1
FAGU163	0.0	9.5	PS2	P		C	C	0	C		30	230	C			1	1	1
FAGU163	0.0	12.1	PS2	P		C	C	0	C		25	230	C			1	1	1
FAGU163	0.0	12.5	PS2	P		C	C	0	C		40	230	C			1	1	1
FAGU163	0.0	14.0	CS2	S		0	C	0	C		65	230	C			1	1	1
FAGU163	0.0	15.3	CS2	S		0	C	0	C		25	230	C			1	0	C
FAGU163	0.0	16.8	CS2	S		C	C	0	C		50	230	C			1	1	1
FAGU163	0.0	19.2	PS2	P		C	C	0	C		25	230	C			1	1	1
FAGU163	0.0	22.4	CS2	S		0	C	0	C		65	230	C			1	0	C
FAGU163	0.0	22.9	PS2	P		C	C	0	C		70	230	C			1	1	1
FAGU163	0.0	24.7	CS2	S		C	C	0	C		25	230	C			1	1	1
FAGU163	0.0	25.3	CS2	Z		0	C	0	C		50	230	C			1	1	1
FAGU163	0.0	26.8	CS2			0	C	0	C		10	230	C			1	1	1
FAGU163	0.0	28.5	CS2			0	C	0	C		10	230	C			1	1	1
FAGU163	0.0	30.4	PS2	P		C	C	0	C		20	230	C			1	1	1
FAGU163	0.0	32.0	CS2	Z		C	C	0	C		45	230	C			1	1	1
FAGU163	0.0	36.0	CS2	Z		C	C	0	C		20	230	C			1	1	1
FAGU163	0.0	39.5	CS2			C	C	0	C		10	230	C			1	1	1
FAGU163	0.0	42.0	CS2			0	C	0	C		10	230	C			1	1	1
FAGU163	0.0	44.9	CS2			C	C	0	C		10	230	C			1	1	1
FAGU163	0.0	47.0	CS2	Z		0	C	0	C		60	230	C			1	1	1
FAGU163	0.0	49.5	CS2	S		0	C	0	C		25	230	C			1	1	1
FAGU163	0.0	50.8	CS2	S		0	C	0	C		40	230	C			1	1	1
FAGU163	0.0	56.2	CS2	Z		C	C	0	C		20	230	C			1	1	1
FAGU163	0.0	59.4	CS2	S		0	C	0	C		20	230	C			1	1	1
FAGU163	0.0	63.4	PS2	P		0	C	0	C		40	230	C			1	1	1
FAGU163	0.0	67.5	PS2	P		C	C	0	C		55	230	C			1	1	1
FAGU163	0.0	70.3	PS2	P		C	C	0	C		40	230	C			1	1	1
FAGU163	0.0	74.5	CS2	Z		0	C	0	C		70	230	C			1	1	1
FAGU163	0.0	76.5	PS2	P		C	C	0	C		20	230	C			1	1	1
FAGU163	0.0	78.5	PS2	P		C	C	0	C		45	230	C			1	1	1
FAGU163	0.0	80.8	CS2	Z		0	C	0	C		40	230	C			1	1	1
FAGU163	0.0	85.0	CS2	Z		C	C	0	C		25	230	C			1	1	1
FAGU163	0.0	87.1	CS2	Z		0	C	0	C		35	230	C			1	1	1
FAGU163	0.0	93.2	PS2	P		C	C	0	C		30	230	C			1	1	1
FAGU163	0.0	98.0	CS2	S		C	C	0	C		30	230	C			1	1	1
FAGU163	0.0	104.8	CS2	Z		0	C	0	C		45	230	C			1	1	1
FAGU163	0.0	105.6	CS2	S		0	C	0	C		20	230	C			1	1	1
FAGU163	0.0	111.8	PS2	F		C	C	0	C		40	230	C			1	1	1

DCH: FAGU163 UTM-N: 904,740.0 UTM-E: 592,461.2 UTM-ELEV: 1,174.9 TOTAL DEPTH: 112.0 SECTION: W 64
 RFE: S2 RFE DIR: 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	DHC	
FAGU163	0.1	3.0	P		2		0	0	C	0	1
FAGU163	6.3	7.2	XQ				C	0	99	999	1
FAGU163	9.1	9.7	B1G				C	0	C	C	1
FAGU163	9.7	12.5	XQ				C	0	C	C	1
FAGU163	0.0	12.5	G				C	0	C	C	1
FAGU163	0.0	18.0	G				C	0	C	C	1
FAGU163	0.0	19.9	SQ				0	0	C	C	1
FAGU163	19.4	21.0	D				C	0	C	C	1
FAGU163	0.0	21.2	G				0	0	C	C	1
FAGU163	0.0	21.4	G				C	0	G	C	1
FAGU163	0.0	21.8	G				C	0	C	C	1
FAGU163	0.0	23.6	G				0	0	C	C	1
FAGU163	24.6	35.4	Q1X				0	0	C	C	1
FAGU163	37.4	38.0	Q1X				0	0	C	C	1
FAGU163	0.0	60.4	S				C	0	0	C	1
FAGU163	0.0	62.5	F??				0	0	C	C	1
FAGU163	63.4	63.9	XQ				C	0	C	C	1
FAGU163	63.9	65.5	RP				0	0	C	C	1
FAGU163	71.6	72.8	N				0	0	C	C	1
FAGU163	65.5	74.4	G				C	0	C	C	1
FAGU163	0.0	77.1	1G				C	0	C	C	1
FAGU163	0.0	77.9	G				C	0	C	C	1
FAGU163	89.6	91.0	X1G				C	0	C	C	1
FAGU163	89.9	91.4	P		5		0	0	C	C	1
FAGU163	94.5	96.0	P		1		0	0	C	C	1
FAGU163	96.0	99.0	P1G				0	0	C	C	1
FAGU163	102.0	102.6	GQ				0	0	C	C	1
FAGU163	104.9	105.2	GB				C	0	C	C	1
FAGU163	108.0	108.5	BP				0	0	C	C	1

MARKER GROUP

DOWN-HOLE SALINES (CH020)

CDH: FAGU163 UTM-N: 904,740.0 UTM-E: 592,481.2 UTM-ELEV: 1,174.9 TOTAL DEPTH: 112.0 SECTION: W 64
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
FAGU163	1	2
FAGU163	2	1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: FAQU163

Fabric Orientation Diagram:

Project: Grum Releg

Location: Vangorda Plateau 64W

Claim: _____

^{UTM}
~~Terr. Plane~~
Co-ords.: 6904740.0 N

<sup>extension of
-A survey
grid co-ords</sup>
Co-ords.: 592481.2 E

Grid
Co-ords.: 64W

2N

Elevation: 1174.9

Total Depth: 112.1 m

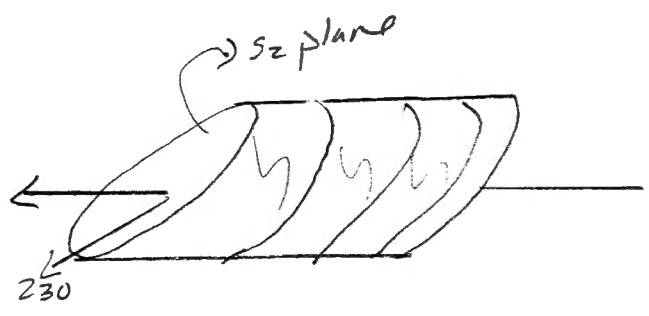
Purpose: _____

^{Re}
Logged by: RST + JGS

Date(s) Logged: July 21, 1981

Drilling
Contractor: _____

Core:	Size	From	To	Collar Cased and Capped:
<u>BQ</u>	<u>0</u>	<u>112.1 m</u>		
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____



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

Started: 8/31/78 Completed: 9/1/78

11.1.6.3
8

Cyprus Anvil Mining Corp.

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Lithologic Log

Date: 7/21/81

Logged By: RST + JSM + JGS

To	Recov.	No.	Unit	Description	FW.CTC					
16	20	22	24	26	28	30	34	35		
2	181		1	4C181	(400) minor cpy along thin fractures (4D4 @ f.w.)					
					6.3-7.2 vuggy crackle brca					// C.A.
					Poor rec'v (0.5/3.0) first 3 meters					
81	197		2	5B216	8.1-8.3 4LZ breached, gouged lower cte 45° to CA.					
					8.3-9.0 5B26					
					9.0-9.1 4LZ					
					9.1-9.7 5B26 fractured zone					silicified
					5B26(4LZ) possible fault splay					
197	125		3	5A161	pyrite + ank healed fractures indicating continuing influence of fault					
					(5B26) 1cm wide gouge 45° to CA @ f.w					gouged
125	180		4	5B61	minor ank fractures 12.9, 15.6, minor ank partings //sz, minor 10Q0 //sz					fracture zone + ank 40° to CA
180	194		5	5B41	(this is JSM's 4LZ breached phyllite)					
					10Q0 @ 18.5 //sz w/ chloritic margins					sharp gouged not //sz
L	194		6	4H1X1	matrix supported brca w/ 4H matrix					
					4L frags = 4L zone, shearing + 10Q0 center of interval (19.9)					
					base metals seem to be fracture flooded					
					(4K17)(4E7). *ankeritic spots consistently thru out @ f.w.					sharp sub // 30° to CA
L	210		7	4L101	gouge @ 21.2, 21.4, 21.8					
L	218		8	5B161	(5B4 @ 22.9) (5B* dolomitic 21.8-22.1)					gouged
					silicified (10Q0?) //sz					
L	236		9	5B161	(10Q0 sub // C.A.) 50:50 //sz					
L	246		10	5A13	HS Ank Frac // sil rel Fract? 24.6-35.4 ANK 2cm space.					
L	293		11	5A18.3	FRAC ZONE // core with 37.4-58.0 (<SA0/S>)					
L	322		12	5A13						
L	499		13	5A13	<OQO> upp cont. qv. l.c. slight transition					
L	507		14	5A13						
L	573		15	5B161	<SA> narrow interbeds. -2m 57.9-58.3 also 2.2-60.4					
L	610		16	4G4	Upp cont steep slick-sick (<0.1m SA + QV 22.5 fault?)					
L	634		17	10Q0	61.5 0.1m Breccia qtd. old? non core					
					0.4m gouge 4E + VQ packet 0Q0					
L	639		18	5A19.6	3cm core only little subphilo remnant.					

↑
CARBAGE!

Code	From	To	Recov.	No.	Unit	Description						
	10	14	16	20	22	24	26	28	30	34	35	65.5-74.4
L	165.5	172.8		119	15A3	NB FAULT GAUGE core 71.6-72.8 CORE MISSING						
L	172.8	174.4		120	15B3	50.4 mm 73.3-73.4 FAULT GAUGE						
L	174.4	182.8		121	15B3	NOT GAUGE 77.1 = .1m GAUGE						
L	182.8	184.4		122	15B62	82.4 = ANVFR 77.9 = .2m GAUGE						
L	184.4	188.4		123	15B23	85.4-88.3 ANV VEINS 1cm wide rep. 3-4cm						
L	188.4	189.6		124	15B3							
L	189.6	191.0		125	14C01	Breccia /frag A 1cm-2cm g/2-5 metab. - minor Gauge						
L	191.0	193.3		126	14D81	C. LOSS 89.9-91.4 = .7 CORE ONLY						
L	193.3	195.0		127	14L81	CHAO. FRAC 94 + LOW. CONT. CORE LOSS						
L	195.0	11110.7		128	15A3	C LOSS 94.5-96 NO CORE .2m.						
						96.3 QV. - 102						
						102-102.6 GAUGE + QV.						
						104.9 - 105.3 GAUGE + BR. CORE						
						108.0-108.5 BROKEN CORE LOSS						
L	11110.7	11112.0		129	15C14*	FUSCHITE PERVASIVE						
						END OF HOLE 112'						
						NB Unit 16 4G4 very fine grained units						
						in groundmass. Sphalerite is flesh						
						coloured.						

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					
S				449	F.L.T				25°	100			S ₂ to ca.
S				470	C.S.Z.Z							60	
S				495	C.S.Z.S							25	
S				500	V.N.			35	320				0.2m vein q
S				508	C.S.Z.S							40	
S				562	C.S.Z.Z							20	
S				590	S.H.R			0	90				Shear qtz onk filled weak veins sub// S ₂ cut this appear to be tension gashes 45/00°
S				594	C.S.Z.S							20	
S				604									4G4 cut. slickenside fault cut 30° to ca.
S				634	V.N.			50	320				cut at vein of 4G4
S				634	R							40	comp. banding in 4G4
S				639	V.N.								Lower cut 10% c.a of qtz vein.
S				675	S.H.R								top of shear zone sub// S ₂
S				675	P.S.Z							55	
S				703	P.S.Z							40	
S				745	C.S.Z.Z							70	
S				765	P.S.Z							20	
S				765	S.H.R			20	180				narrow shear 0.01m sub// S ₂
S				785	S.H.R							45	
S				785	P.S.Z							45	
S				808	C.S.Z.Z							40	
S				85	C.S.Z.Z							25	
S		855		861	V.N.							40	zone of vein sub// S ₂
S		85		871	C.S.Z.Z							35	
S				896									Contact is bx
S				932	R							30	
S				970	V.N.							45	cut vein sub// S ₂
S				980	C.S.Z.S							30	
S				1,020									Gorge pass. sub// S ₂
S				1,048	C.S.Z.Z							45	Gorge zone is sub// S ₂
S				1,056	C.S.Z.S							20	
S				1,118	P.S.Z							40	Slickenside at cut // S ₂

who
triv
to log

Structural Log

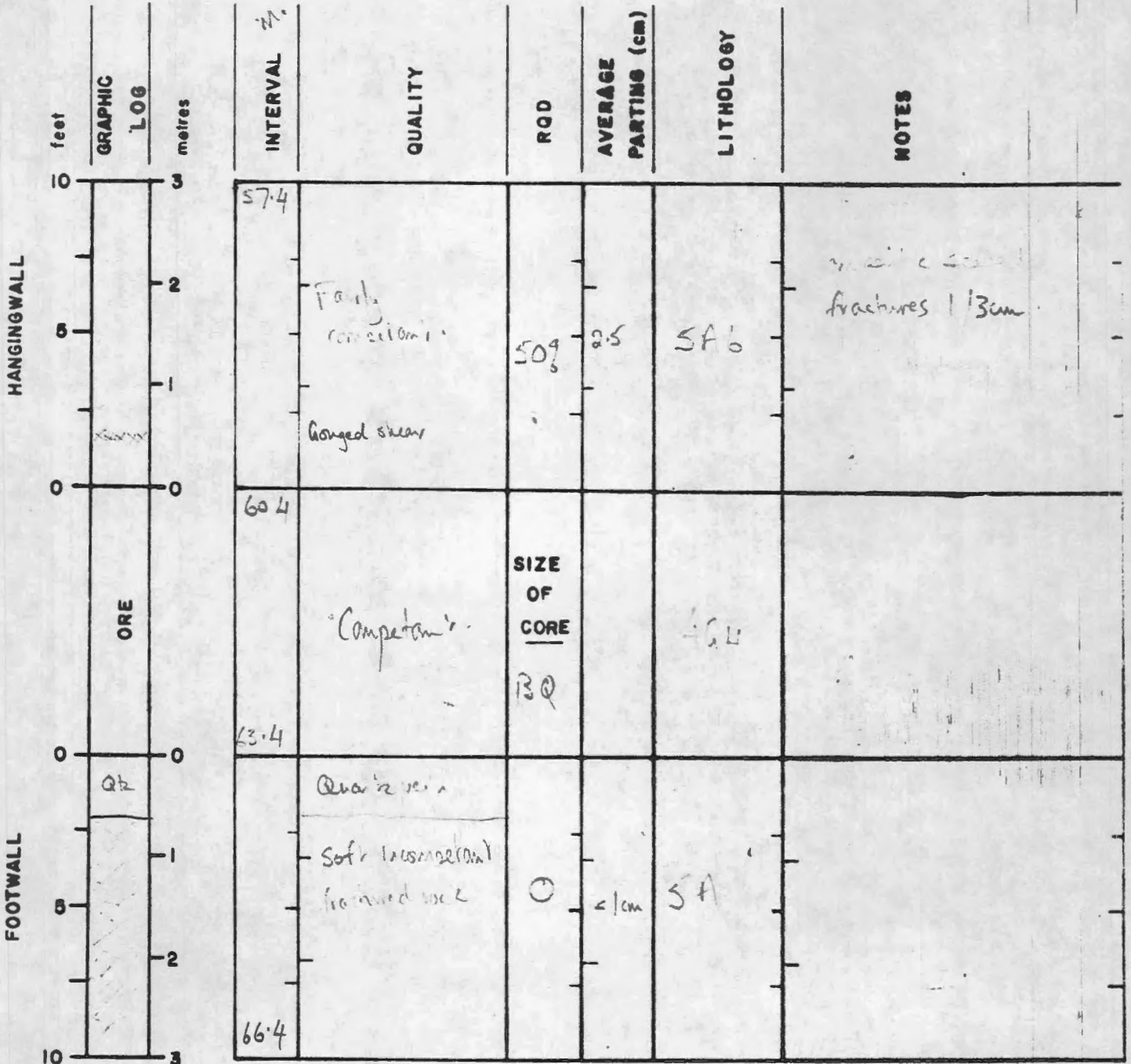
Code	From	To	Feature	S ₀		S ₁		S ₂		Description				
				Dip	Direct.	Dip	Direct.	Dip	Direct.					
	10	14	16	20	22	24	26	28	32	34	38	40	44	
S			33	R							70	23	10	4C
S			53	P							45			
CA			65											Bx Zone // S ₂
S			84	FLT	55	30								
S			84	CSZ	Z						2p			Bx and fault zone post D ₂ lower contact of fault measured
S			95	PS	Z						3p			SA and OQO
S			95	FLT		10	90							
S			121	PS	Z						25°			S ₂ is warped in same core pair by post D ₂ fold.
S			125	PS	Z	30	340				4p			
S			140	CSZ	S						65			
S			168	CSZ	S						5p			
S			180	FRC		30	160							Qtz filled fracture
S			153	CSZ	S						25			
S			192	PS	Z						25			
S														Shear 10° to c.a. // S ₂
S			212											" sub // S ₂
S			229	PS	Z						7p			
S			229	TG		30	135							Tension gashes
S			224	CS	ZS						65			
S			240	VN		10	100							Qtz vein #
S			247	CS	ZS	10	101				25			
S			253	CS	ZZ						50			
S	260	290		H										S ₂ sub // to c.a. (10°)
S		304		PS	Z						20			SA
S		320		CS	ZZ						45			
S		360		CS	ZZ						20			
S		375		VN										S ₂ // core axis in 90° round core and // c.a.
S		383									50			
S		383		VN										vein & gash sub // S ₂
S	395	440		H										S ₂ 10°-15° to c.a. folded

BFD

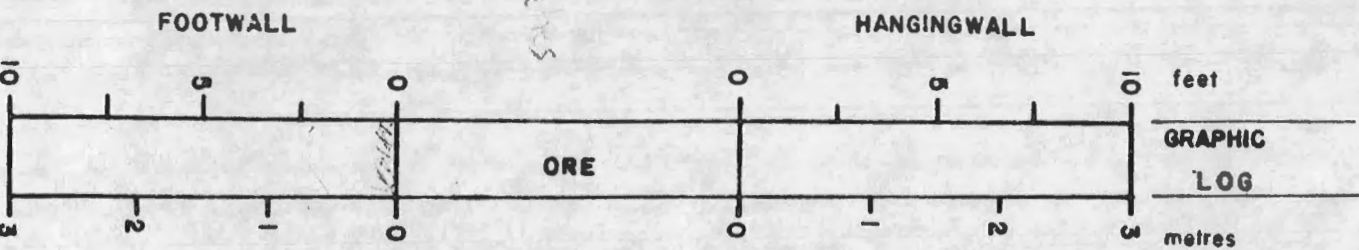
NB FLT - fault
TG - Tension gash
VN - vein
SHR - shear

GEOTECHNICAL LOG

Mehes



GEOTECHNICAL LOG



INTERVAL	QUALITY	ROD	AVERAGE PARTING (cm)	LITHOLOGY	NOTES
0-1	Change from 1.	BQ			N/A U.C. opening
1-2	Formation, coarse	429	15cm	4326 412 SA	52 m/sd cut to 3m non-oxidized
2-3	Formation, coarse	429	15cm	412 SA	52 m/sd cut to 3m non-oxidized

GEOTECHNICAL LOG

HANGINGWALL		feet	GRAPHIC LOG	metres	INTERVAL	QUALITY	RQD	AVERAGE PARTING (cm)	LITHOLOGY	NOTES
		10		3	86.5	inconsistent	0	0.5	SA	see contact log zone.
		0	ORE	0	89.6		SIZE OF CORE 30			
		0		0	96.5					
FOOTWALL		5		1		inconsistent	0	0.5	SA	only 1.5m rec.
		10		3	20					

Why is not this zone noted on either side of Street log?

DDH FAGU163
2 8

Cyprus Anvil Mining Corp.

Page _____ of _____

Structural Log

Date: _____ Logged By: _____

Code	From		To		Feature	E S ₂	S ₀		S ₁		S ₂		Description
	10	14 16	20	22 24			26 28	32 34	38 40	44	Dip	Direct.	
F		163		72	XD ₁				99	99			
F		00		30	P ₁	2							
F		91		97	BIG								
F		97		125	XD ₁								
F				125	G ₁								
F				199	SQ								
F		194		210	D ₁								
F				180	G ₁								
F				212	G ₁								
F				214	G ₁								
F				218	G ₁								
F				236	G ₁								
F		246		354	Q1X								11 CA
F		374		380	Q1X								11 CA
F				604	S ₁								
F				625	F.P.P?								
F		634		639	XD ₁								
F		639		655	R.P								
F		655		744	G ₁								
F		716		728	N ₁								
F				771	IG								
F				779	G ₁								
F		896		910	X1G								
F		899		914	P ₁	5							
F		945		960	P ₁	1							
F		1020		1026	G.P ₁								
F		1049		1052	GB								
F		1080		1085	R.P								
F		960		990	P1G								

DDH: FAGU163 -- 132 DEGREE PROFILE

(VIEW AZIMUTH = 42 DEGREES)

ELEV:1175 592481E ; 904740N

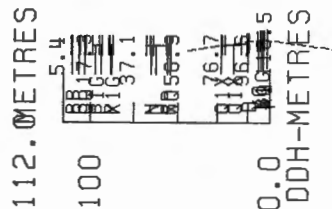
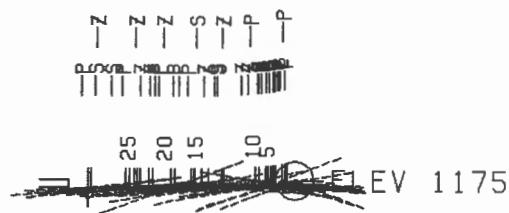
PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 758.2 Z = 1174.9

SECTION NAME: 02S



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 2 NOV 1984 8:31 AM



DDH: FAGU163 -- 132 DEGREE PROFILE

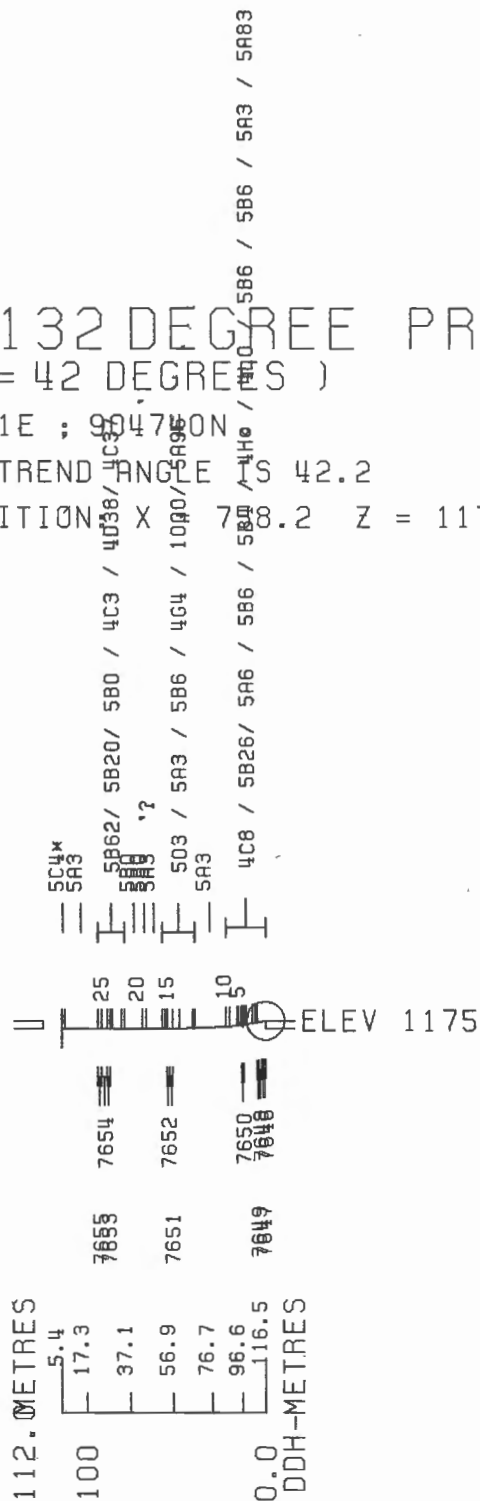
(VIEW AZIMUTH = 42 DEGREES)

ELEV: 1175 592481E ; 904700N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION X = 758.2 Z = 1174.9

SECTION NAME: 02S



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 2 NOV 1984 8:33 AM

FAGU199

DRILL HOLE : FAGU199
NORTHING : 904,884.3
EASTING : 592,325.6
ELEVATION : 1,146.4
TOTAL DEPTH : 132.6
SECTION : W 71
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: 26
NOS DOWN-H-SURVEYS: 3
NOS DOWN-H-LITHOLOGY: 41
NOS DOWN-H-STRUCTURE: 22
NOS DOWN-H-FAULTS: 26
NOS DOWN-H-SPLINES: 3
NOS COMPOSITES: 0

17FEB84 GRUM

DOWN-HOLE SURVEYS (DF-020)

PAGE: 3

GDH: FAGU199 UTM-N: 904,884.3 UTM-E: 592,325.6 UTM-ELEV: 1,146.4 TOTAL DEPTH: 132.6 SECTION: W 71
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	89.300	228.300
67.100	90.000	228.300
125.000	91.000	228.300

GDH: FAGU199 UTM-N: 9C4,884.3 UTM-E: 592,325.6 UTM-ELEV: 1,146.4 TOTAL DEPTH: 132.6 SECTION: W 71
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
2.1	OC01	#		0.5-	1
4.4	OC02	4E4	POROUS	0.5-	1
10.7	OC03	4G4	(4E46)	0.5-	1
11.0	OC04	4A3	BXA	0.5-	1
12.5	OC05	4E4		0.5-	1
14.8	OC06	5C4*	(4E4)	0.5-	1
15.8	OC07	4A10	-> 4A13	0.5-	1
16.4	OC08	4E46	(4E1)	0.5-	1
17.1	OC09	4A31		0.5-	1
24.0	OC10	4G4	(4E46) MINOR	0.5-	1
26.9	OC11	5AC	88 89 (10Q\$#)	0.5-	1
34.0	OC12	4G4		0.5-	1
34.1	OC13	4A13		0.5-	1
34.7	OC14	4G4		0.5-	1
35.0	OC15	3G9		0.5-	1
35.2	OC16	4E46		0.5-	1
35.3	OC17	5D4*		0.5-	1
35.7	OC18	4G4		0.5-	1
39.5	OC19	3GC	89 (3G4) (10Q\$)	0.5-	1
41.1	OC20	5B8\$	(5B6 82 8\$) [3G8\$]	0.5-	1
61.0	OC21	5B83	(5D0) (5B0) 90:08:02	0.5-	1
61.8	OC22	5B\$	80	0.5-	1
62.1	OC23	5D4\$		0.5-	1
63.8	OC24	5EC	82	0.5-	1
65.2	OC25	5DC		0.5-	1
68.3	OC26	5BC	82 MINOR	0.5-	1
71.3	OC27	5DC		0.5-	1
91.4	OC28	5B0	(10Q#)	0.5-	1
102.5	OC29	5B\$	82 MINOR (5D4\$)	0.5-	1
102.9	OC30	4L24	81 (10Q\$) (4D\$)	0.5-	1
103.2	OC31	4E4	8\$ MINOR	0.5-	1
103.6	OC32	5A1\$		0.5-	1
106.0	OC33	4E4	(4E0) E.O.I.	0.5-	1
107.8	OC34	4KC	COL.	0.5-	1
109.4	OC35	4E4	8 POROUS (4E1) E.O.I.	0.5-	1
109.6	OC36	4L2		0.5-	1
110.5	OC37	4EC	(4E81)	0.5-	1
111.8	OC38	4L2\$	84 87 81	0.5-	1
123.4	OC39	5B26	8\$ -> 5A6\$ (10Q\$) 97:03	0.5-	1
126.4	OC40	5B6	82 8\$ (10Q\$) 97:03	0.5-	1
132.6	OC41	5B6	82 8\$	0.5-	1

DDH: FAGU199 UTM-N: 904,884.3 UTM-E: 592,325.6 UTM-ELEV: 1,146.4 TOTAL DEPTH: 132.6 SECTION: W 71
 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
FAGU199	J.C	6.4	PS2	P	0	0	0	C	20	230	C		1	1	1
FAGU199	0.C	17.4	PS2	P	0	0	0	C	60	230	C		1	1	1
FAGU199	J.C	21.0	PS2	P	0	0	0	C	10	230	0		1	1	1
FAGU199	0.C	26.4	PS2	P	0	0	0	C	30	230	C		1	1	1
FAGU199	0.C	30.5	PS2	P	0	0	0	C	45	230	C		1	1	1
FAGU199	J.O	34.0	PS2	P	0	0	0	C	50	230	0		1	1	1
FAGU199	0.C	37.8	PS2	P	0	0	0	C	30	230	0		1	1	1
FAGU199	0.C	45.2	PS2	P	0	0	0	C	30	230	C		1	1	1
FAGU199	0.C	50.3	CS2		0	0	0	C	5	230	C		1	1	1
FAGU199	0.C	56.0	PS2	P	0	0	0	0	10	230	C		1	1	1
FAGU199	0.0	60.0	PS2	P	0	0	0	C	20	230	C		1	1	1
FAGU199	0.C	67.0	PS2	P	0	0	0	C	20	230	C		1	1	1
FAGU199	0.0	76.2	PS2	P	0	0	0	0	40	230	C		1	1	1
FAGU199	0.C	82.7	PS2	P	0	0	0	C	30	230	C		1	1	1
FAGU199	0.C	88.8	PS2	P	0	0	0	C	30	230	0		1	1	1
FAGU199	0.C	97.0	CS2		0	0	0	C	40	230	C		1	1	1
FAGU199	0.0	102.2	CS2		0	0	0	C	50	230	C		1	1	1
FAGU199	0.C	108.5	PS2	P	0	0	0	C	30	230	0		1	1	1
FAGU199	0.0	112.6	PS2	P	0	0	0	C	30	230	C		1	1	1
FAGU199	0.C	116.8	PS2	P	0	0	0	C	50	230	0		1	1	1
FAGU199	0.C	125.0	PS2	P	0	0	0	C	30	230	C		1	1	1
FAGU199	0.C	132.0	PS2	P	0	0	0	C	35	230	C		1	1	1

DDH: FAGU199 UTM-N: 904,884.3 UTM-E: 592,325.6 UTM-ELEV: 1,146.4 TOTAL DEPTH: 132.6 SECTION: W 71
 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			
FAGU199	0.1	2.1	NP				0	0	C	C	0	0	1
FAGU199	2.1	4.4	B				0	0	C	C	0	0	1
FAGU199	10.2	10.7	P				0	0	C	C	0	0	1
FAGU199	10.7	11.0	PXD				0	0	C	C	0	0	1
FAGU199	11.0	12.5	P				0	0	C	C	0	0	1
FAGU199	12.5	14.8	RB				0	0	0	C	0	0	1
FAGU199	10.7	17.1	P		5		0	0	C	0	0	0	1
FAGU199	17.1	24.0	JQ				C	0	C	0	0	0	1
FAGU199	24.0	26.9	1XQ				C	0	99	999	0	0	1
FAGU199	0.0	34.7	1F				0	0	C	C	0	0	1
FAGU199	0.0	35.7	X				0	0	99	999	0	0	1
FAGU199	35.7	36.2	1XQ				0	0	C	C	0	0	1
FAGU199	39.0	39.5	1XQ				0	0	C	0	0	0	1
FAGU199	0.0	39.5	F				0	0	C	C	0	0	1
FAGU199	40.6	40.7	1RG				0	0	C	C	0	0	1
FAGU199	0.0	61.4	1F				2C	0	0	0	0	0	1
FAGU199	61.0	61.8	1B				0	0	C	C	0	0	1
FAGU199	62.1	65.2	1XQ				0	0	99	999	0	0	1
FAGU199	71.7	73.0	BGP		3		0	0	C	C	0	0	1
FAGU199	87.6	88.4	PG		2		0	0	0	C	0	0	1
FAGU199	0.0	91.4	1G				C	0	0	C	0	0	1
FAGU199	109.6	110.5	2XD				0	0	C	C	0	0	1
FAGU199	110.5	111.8	1XD				0	0	0	C	70	90	1
FAGU199	115.3	115.4	G				99	999	C	C	99	999	1
FAGU199	116.1	117.6	G				30	0	0	C	99	999	1
FAGU199	111.6	123.4	B				0	0	0	C	0	0	1

17FEB84 GRUM

DOWN-HOLE SPLINES (JH020)

PAGE: 7

DDH: FAGU199 UTM-N: 904,884.3 UTM-E: 592,325.6 UTM-ELEV: 1,146.4 TOTAL DEPTH: 132.6 SECTION: W 71
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH SEGMENT NOS COND INDICATOR

FAGU199	1	2
FAGU199	2	2
FAGU199	3	1

CYPRUS ANVIL MINING CORPORATION
DIAMOND DRILL CORE LOG

Date: 26 AUG 82.

Hole Number: FAGU 199

Reference Fabric Orientation Diagram:

Project: GRUM RELOG.

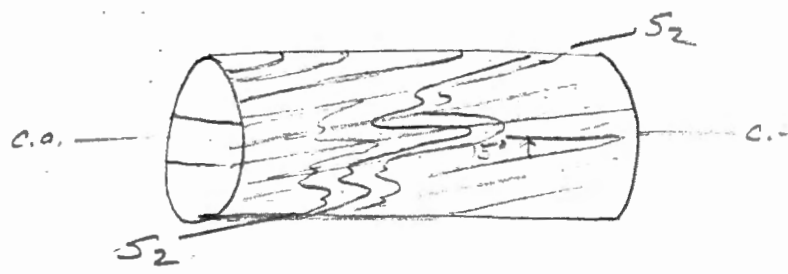
Location: 71 W

Claim: _____

Terr. Plane Co-ords.: 904884.3 N

592325.6 E

Grid Co-ords: _____



*Division of
Surveying
Co-ords*

All symmetry determinations looking

Elevation: 1146.4

NW with S2 dipping

Total Depth: 132.6

SW with dip azimuth 230.

Purpose: _____

Reason hole Terminated: _____

Logged by: DSJ JGS.

Date(s) Logged: 26 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
	1	10	14	16	20	22	24	25				
L		100			21					01	#	NIL REC
L		121			144					02	4E4	POOR Bkn rubble. REC/OK.
L		144			1107					03	4G4	(4E46) REC/OK loss 10.2-10.7
L		107			1110					04	4A13	Bx POOR REC
L		110			1125					05	4E4	POOR REC
L		1125			1148					06	5C4*	fresh. (4E4) Rubble Bk. Core 50/50
L		148			1158					07	4A10	EX/TEX qty sulph bond → 4A13
L		158			1164					08	4E46	bond - rubble (4E1)
L		164			1171					09	4A13	EX/TEX 1 = blk cherty mx
												<u>NB</u> 10.7-17.1 5m REC ONLY.
												no gouge. V. POOR REC
												10.7-12.2 = 1m. BXA F?
												12.2-13.7 = 0.5m
												13.7-15.2 = 0.7m
												15.2-15.8 = 0.3m
												15.8-16.4 = 0.5m
												16.4-17.1 = 0.5m
L		171			240					110	4G4	(4E46) mixed Typo. REC/OK calc cx frac.
L		240			269					111	5A0	± *DOL ± 9 Sz // Zn. sheared // Sz unit
												(00* ^{DOL} 2%) incip Bx // Sz No FAULT. REC 10K
L		269			340					112	4G4	as above Typo, no interbeds py
												u/c So 70°C AX. 70/000 REC/OK
L		340			341					113	4A13	
L		341			347					114	4G4	Sz // contact 4A above, l.c cx Sz
												and barite F 75/c AX. REC/OK
L		347			350					115	3G9	R/OK
L		350			352					116	4E46	REC/OK
L		352			353					117	5D4*	contact above // Sz REC/OK
L		353			357					118	4G4	l.c Bx rough // Sz REC/OK
L		357			395					119	3G0	± 9 (3G4) (00*DOL) Bx chert 5 ⁵ ^{BOIT} Top. 3G/95%
L		395			411					120	5B8*	DOL (5B6 ± 2*) med gr. grey whly dot
												[3G8*] u/c unit F no gouge. FAULT
												l/c grad into → unit, rubble G 40.6-40.7
L		411			610					21	5B83	^{PO} (5D6) (5B6) med gr. grey, calc. <u>NOT</u> olive 50
												5B, 436-44.0 1/c (00* calc)
												Typo VAN FORM.

Lithologic Log

Date: 25 AUG 82 Logged By: DST - JCS.

Code	From				To				Recov.	No.	Unit	Description
	1	10	14	16	20	22	24	26				
L	1611	0	1611	8						22	5B1*	± 0 lt, m, grey, Bkn. Lithon gty carb, - dcl → S2 F 61.4 20/000 u/c / l.c. ind. REC/OK
L	1611	8	1621							23	5D14*	DOL 0.2 cont, ind p. obs S2 // REC/OK
L	1621		1638							24	5B30	± 2 l.c. S2 // wkly chl Bx, mod lites REC/OK
L	1638		1652							25	5D10	11 S2 calc chle Bx REC/OK.
L	1652		1683							26	5B30	± 2 minor dark grey green normal (+gt - dcl?) REC/OK.
L	1683		1713							27	5D19	Laminated mins (SFO) TUFFS 70.1 - 70.5 bedded. REC/OK
L	1713		914							28	5B30	(OQ* calc) VAN/TYPO Cor Bkn F. 9 Bkn. 71.7 - 73.0 0.1c/mid .4 REC. FLAT-F. Gouge. 5° C, AX 87.6 - 88.4 .2 REC Gouge 91.4 (2cm)
L	914		11025							29	5B1*	DOL ± 2 minor m. gt VAN TYPO 98.9 - 99.1 - (504*) → wkt acid resn 99.5 to EOI.
L	11025		11029							30	4L24	± 1 (OQ*) (40* DOL) lat 5cm. 11 S2
L	11029		11032							31	4E41	± * DOL mins bedded.
L	11032		11036							32	5A11*	DOL
L	11036		11060							33	4E41	bedded; mins dol. patches.
L	11060		11078							34	4K101	course mottled gt buff dol. 15-20% of unit REC/OK
L	11078		11094							35	4E41	(4E1) locally pos. nr. top int 4E1 → base REC/OK
L	11094		11096							36	4L21	
L	11096		11105							37	4E41	(4E81) → up to .4 m, 11. Bx, → to base
L	11105		11118							38	4L25	± 4, 7, 1 grey green - cr Zn Py Po stringers. 119 cr S2 mins Bx, 5 = dol. dist unit. u/c contact sulph sharp, l.c.u. Bx/x cut 70 CAX. 70/90
L	11118		11234							39	5B26	*DOL → 5A6 *DOL (OQ *DOL) dk gr - blk dot wkly develop. 3% Bkn Cor. Gouge. 115.3 - .4 11s2 u/c.c. Gouge 116.1 - 117.6 30/000 u/c, l.c. 11 S2
L	11234		11264							40	5B16	± 2 (OQ*) 3/4 m. gt non carb, phyl less carb REC/OK
L	11264		11326							41	5B16	± 2 *DOL. wkly bedded S2 // darkls by above. REC/OK. END of HOLE

Structural Log

Date: Aug. 23/82 Logged By: DS/CK

Code	From				To				Feature	S/E	S ₀		S ₁		S ₂		Description	
	10	14	16	20	22	24	26	28			Dip	Direct.	Dip	Direct.	Dip	Direct.		
S				164					1	W	D	P				210	230	R bend
S				174												610		" "
S				210												110		" "
S				264												310		
S				305												415		R bend
S				340												510		" "
S				378												310		
S				452												310		
S				510												05		
S				560												110		
S				610												210		
S				670												210		
S				762												410		
S				827												310		
S				888												310		
S				970												410		
S				1102												510		
S				1108												310		R bend
S				1112												310		
S				1116												510		
S				1125												310		
S				1132												315		
																		EOH 132.6

Metres

FAULT

DDH FAGU 199
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	22 24 26 28			Dip	Direct.	Dip	Direct.	Dip	Direct.	
F	109	11	12	21	NIP								nil recovery
F	12	1	14	4	B								brken / recovery OK
F	110	2	110	7	P								core loss
F	110	7	111	0	PIXID								bxa, poor recovery
F	111	0	112	5	P								poor recovery
F	112	5	114	8	RIB								rubble / brken core 50/50
F	110	7	117	1	P	5							3.5m / 6.4m recovery
F	117	1	124	0	SIA								no gauge calcareous cross-cutting fractures
F	124	0	126	9	1XB				9.9	9.9	9.9		incipient bxa // S ₂ NO FAULT
F			13	4	7	1IF							end basite F angle 75°/core Axis
F			13	5	7	X			9.9	9.9	9.9		bxa roughly // S ₂
F	13	5	13	6	2	XIQ							crackle bxa
F	13	9	0	13	9	5XIQ							crackle bxa
F			13	9	5	FI							upper contact Fault - no gauge
F	14	0	6	14	0	7	1RG						rubble & gauge
F	16	1	0	16	1	8	1B						brken
F			16	1	4	1FI	210	000					fault upper cut 20/000 lower cut INO
F	16	2	1	16	5	3	1XIQ			9.9	9.9	9.9	weak crackle bxa, // S ₂
F	17	1	7	17	3	0	BIGP3						brken & gauge upper cut INO 0.4m / 1.3m recovery
F	18	7	6	18	8	4	PG 2						0.2 / 0.8 m recovery flat fault gauge 5°/C.A.
F			19	1	4	1G							2cm gauge
F	110	9	6	111	10	5	2XID						moderate bxa
F	111	10	5	111	1	8	1XID				7.0	0.90	// & crossing S ₂ micro bxa
F	111	1	8	112	3	4	B						brken core
F	111	5	3	111	5	4	G			9.9	9.9	9.9	gauge / upper & lower cnt // S ₂

DIAMOND DRILL RECORD

LOGGED BY Alexander Young Jr

D. D. H. NO 76-11-199 PAGE 14

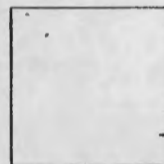
PROPERTY GRIM JOINT VENTURE

LATITUDE 105° 00' 00" 2N STARTED SEPT 17, 1976

DEPARTURE 7,629,421 71W COMPLETED SEPT 19, 1976

ELEVATION _____ PROPOSED DEPTH 131.1
 ULTIMATE DEPTH 172.6m

HOLE SURVEY:		
DEPTH	BEARING	DIP
collar	224	0
67 m	(See	0
124.2m	155° 30'	0
	200°)	



CLAIM NO _____

DIRECTION AND DISTANCE FROM N.E. CLAIM POST

TOTAL CORE RECOVERY: 90.3%

Interval From	Interval To	DESCRIPTION	Recovery	Sample No	Interval		Sample Length	Assay					Assay x				
					From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag		
0	24.1	Massive sulfide (M) also with barite-in. grades	1	0	0	2.1	2.1	2.1	(partly shelerite)								
		matrix (Mb). Competent w/ some short intervals	40	10	0.9	B 468	2.1	3.6	1.5	8.31	12.65	124.12			13.57	18.48	156.18
		of broken core. Fair compositional banding on	65	10	1.3	B 469	3.6	5.1	1.5	7.40	10.21	114.17			11.10	15.32	131.26
		5°.	45	12	1.4	B 470	5.1	6.6	1.5	6.40	8.85	92.92			9.60	13.28	121.38
		10.6 - 11 - Broken pebbly sulfide - shierid (?)	60	15	1.5	B 471	6.6	8.1	1.5	7.85	10.31	113.14			11.78	15.47	161.71
		13 - 15 - Broken pebbly mixture of sulfides and	65	15	1.2	B 472	8.1	9.6	1.5	6.50	8.95	75.77			7.75	13.43	113.26
		greenish blacked siliceous phyllite w/ fuchsite.	50	10	1.0	B 473	9.6	11.1	1.5	6.75	10.15	76.80			10.13	15.23	155.20
		19 - 17.8 - Foliation 5 ~ 10°	60	8	1.0	B 474	11.1	12.6	1.5	6.97	8.69	104.92			10.46	13.04	153.28
		24.1 - Abrupt change to graphitic phyllite (G).	40	8	1.0	B 475	12.6	14.1	1.5	3.60	8.16	46.29			5.40	12.24	62.42
		Contact broken ground	40	8	0.8	B 476	14.1	15.6	1.5	3.03	3.35	47.31			4.55	5.03	70.47
24.1	27.0	Graphitic phyllite (G). Flaky appear to be a	65	10	1.3	B 477	15.6	17.1	1.5	6.75	6.52	97.92			10.13	9.78	146.58
		shear zone. Foliation 5 ~ 10° wavy.	50	10	1.4	B 478	17.1	18.6	1.5	8.60	11.52	156.34			12.90	17.28	239.51
		showing of sulfides	50	10	1.2	B 479	18.6	20.1	1.5	7.40	9.43	114.17			11.10	14.20	131.26
		27.0 - Abrupt change to massive sulfide (M).	50	10	1.4	B 480	20.1	21.6	1.5	7.00	4.70	93.44			10.50	14.55	180.71
		Contact broken grd. Sulfide adjacent contact	40	12	0.9	B 481	21.6	23.1	1.5	7.20	4.65	101.83			10.80	14.48	152.75
		is friable porous.	35	10	0.8	B 482	23.1	24.6	1.5	4.18	6.31	79.54			6.27	9.47	119.31
27.0	36	Massive sulfide (M) with porous (Mv) and barite	3	1	2.3		24.6	27.0	2.4	<1% Pb	Use Nil for				0	0	0

DDH: FAGU199 -- 132 DEGREE PROFILE

(VIEW AZIMUTH = 42 DEGREES)

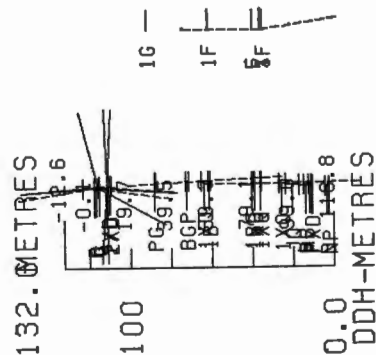
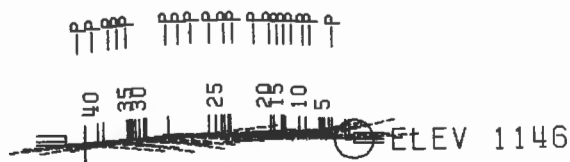
ELEV: 1146 592326E ; 904884N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 546.0 Z = 1146.4

SECTION NAME: 02S

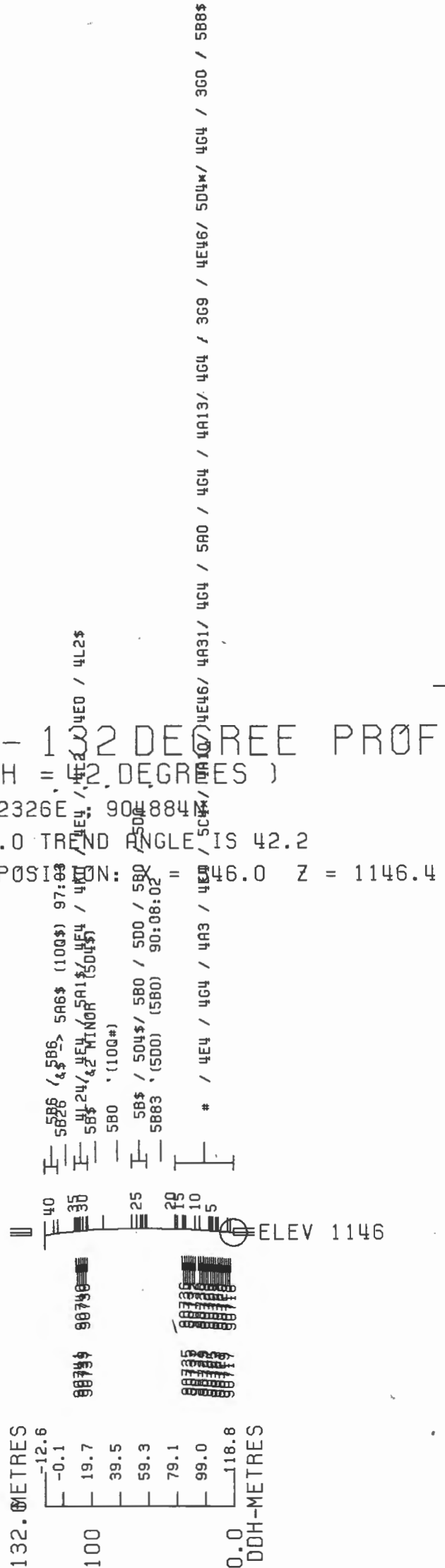
CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 25 MAR 1985 3:41 PM



DDH: FAGU199 -- 12 DEGREE PROFILE

(VIEW AZIMUTH = 2 DEGREES)

ELEV: 1146 592326E 908884
 PLUNGE ANGLE IS 0.0 TRND ANGLE IS 42.2
 CORRECTED COLLAR POSIION: = 46.0 Z = 1146.4
 SECTION NAME: 02S



CYPRUS ANVIL MINING CORPORATION
 PROGRAM DH162 25 MAR 1985 3:43 PM

DDH: FAGA035 -- 132 DEGREE PROFILE

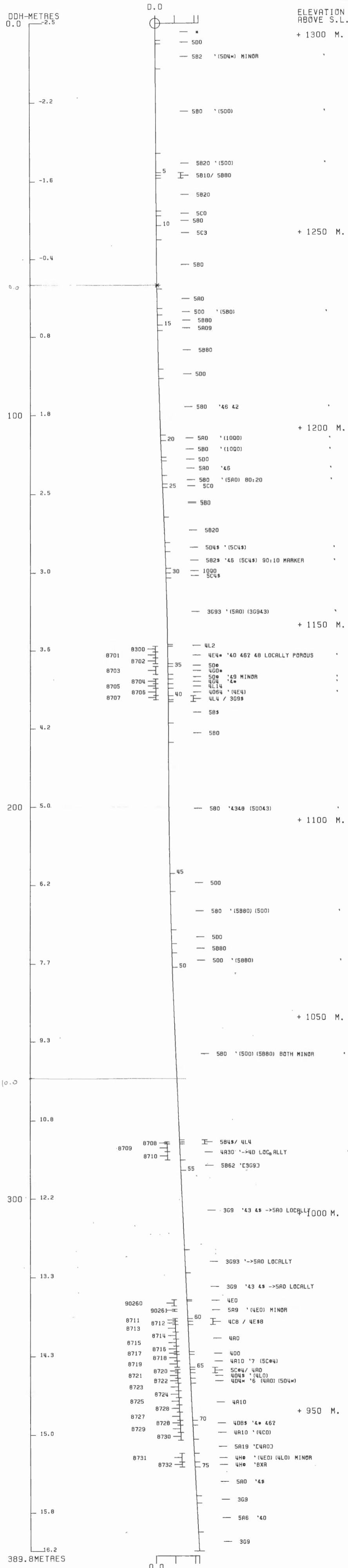
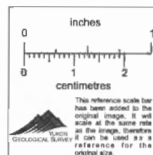
(VIEW AZIMUTH = 42 DEGREES)

ELEV: 1303 592043E ; 904977N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 273.8 Z = 1303.1

SECTION NAME: 025



DDH: FAGA035 -- 132 DEGREE PROFILE

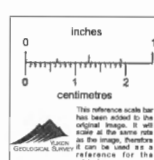
(VIEW AZIMUTH = 42 DEGREES)

ELEV:1303 592043E ; 904977N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 273.8 Z = 1303.1

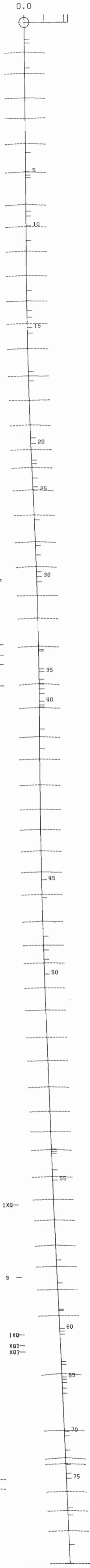
SECTION NAME: 025



DDH-METRES
0.0



0.0



ELEVATION
ABOVE S.L.
+ 1300 M.

+ 1250 M.

+ 1200 M.

+ 1150 M.

+ 1100 M.

+ 1050 M.

+ 1000 M.

+ 950 M.

389.8 METRES

0.0



DDH: FAGA216 -- 132 DEGREE PROFILE

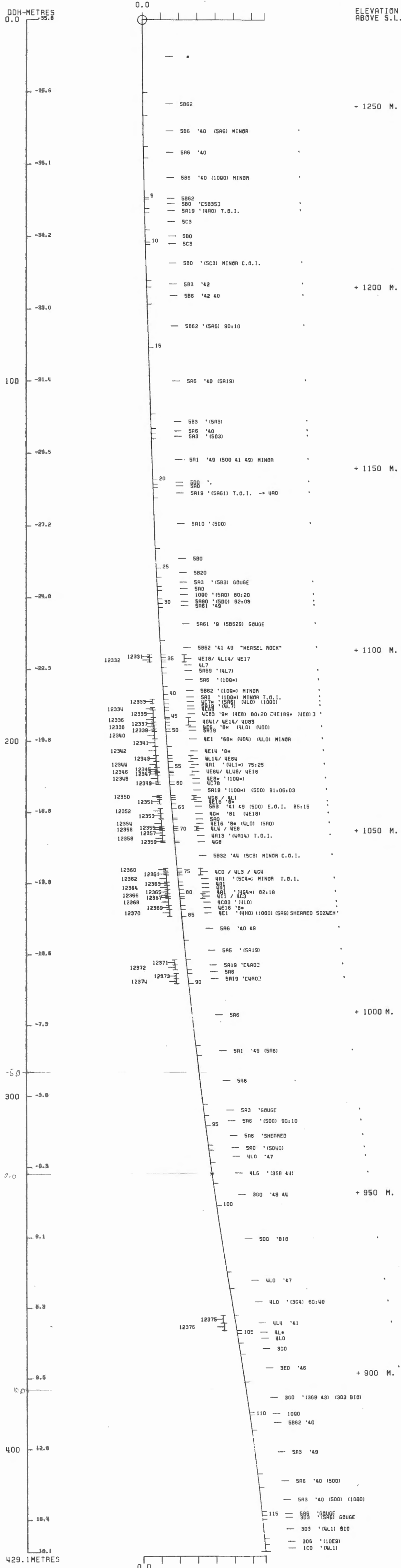
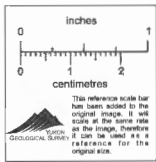
(VIEW AZIMUTH = 42 DEGREES)

ELEV: 1274 592289E ; 904709N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 636.2 Z = 1273.8

SECTION NAME: 025



DDH: FAGA216 -- 132 DEGREE PROFILE

(VIEW AZIMUTH = 42 DEGREES)

ELEV: 1274 592289E ; 904709N

PLUNGE ANGLE IS 0.0 TREND ANGLE IS 42.2

CORRECTED COLLAR POSITION: X = 636.2 Z = 1273.8

SECTION NAME: 025

