

GRUM RE-LOGS  
108 W + 92-112 W 015064



# SUBJECT INDEX INDEX DES SUJETS

## CLASS SCHEDULE

## HORAIRE

TIME HEURE									
MON. LUN.									
TUE. MAR.									
WED. MER.									
THU. JEU.									
FRI. VEN.									
SAT. SAM.									

## FINAL EXAMINATIONS

## EXAMENS FINALS

DAY JOUR	DATE	TIME/HRE	PLACE/LIEU	COURSE/COURS

**N**AME \_\_\_\_\_ **T**ELEPHONE \_\_\_\_\_  
O M \_\_\_\_\_ ELEPHONE \_\_\_\_\_

**A**DDRESS \_\_\_\_\_  
DRESSE \_\_\_\_\_

**S**CHOOL \_\_\_\_\_ **C**CLASS \_\_\_\_\_  
ECOLE \_\_\_\_\_ LASSE \_\_\_\_\_

DRILL HOLE : FAGA029  
NORTHING : 905,683.8  
EASTING : 591,531.6  
ELEVATION : 1,306.6  
TOTAL DEPTH : 465.7  
SECTION : W 108  
R.F.E. : S2  
RFE DIRECTION: 230  
PLUNGE ANGLE : 11  
PLUNGE DIRECT: 312  
DHD CALC: 1  
SS CALC: 1

## DETAIL RECORD COUNTS:

NOS ORE-SAMPLES: 21  
NOS DOWN-H-SURVEYS: 7  
NOS DOWN-H-LITHOLOGY: 69  
NOS DOWN-H-STRUCTURE: 65  
NOS DOWN-H-FAULTS: 49  
NOS DOWN-H-SPLINES: 7  
NOS COMPOSITES: 0



24NOV83 GRUM

COWN-HOLE SURVEYS (DH020)

PAGE: 3

DDH: FAGA029 UTM-N: 905,633.8 UTM-E: 591,531.6 UTM-ELEV: 1,306.6 TOTAL DEPTH: 465.7 SECTION: W 108  
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
61.000	175.900	158.000
121.900	171.000	153.000
182.900	163.200	138.000
243.800	153.000	145.000
304.800	156.000	135.000
350.500	161.300	142.200

DDH: FAGAD29 UTM-N: 905,683.8 UTM-E: 591,531.6 UTM-ELEV: 1,306.6 TOTAL DEPTH: 465.7 SECTION: W 108  
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
3.3	0001	#		0.5-	1
57.7	0002	5B0	88 MINOR	0.5-	1
96.0	0003	5B0	88	0.5-	1
109.1	0004	5B0		0.5-	1
120.5	0005	5B0	88 MINOR	0.5-	1
153.6	0006	5B0		0.5-	1
186.3	0007	5B0	88 V. MIN.+BLU-GR.MARBL BNDS	0.5-	1
199.0	0008	5B0		0.5-	1
202.7	0009	5B6\$	82 V. MINOR (5D4\$) TRACE	0.5-	1
208.1	0010	5B0\$	82 V. MINOR	0.5-	1
213.3	0011	5B6\$	82 MINOR	0.5-	1
223.4	0012	5B0	88 MINOR	0.5-	1
224.9	0013	5B0\$		0.5-	1
226.0	0014	5B6\$		0.5-	1
229.3	0015	5B0\$		0.5-	1
279.1	0016	5B0	88 MINOR	0.5-	1
292.3	0017	5B6\$	82 VERY MINOR	0.5-	1
298.5	0018	5B0	88	0.5-	1
303.7	0019	5B6\$	82 VERY MINOR	0.5-	1
305.1	0020	5B0	88	0.5-	1
322.3	0021	5B08		0.5-	1
323.4	0022	5D0	(5B08) 60:40	0.5-	1
335.5	0023	5B80		0.5-	1
337.1	0024	5B0	BIO. (500 BIO.) 80:20	0.5-	1
353.8	0025	5B08	(5D0) 95:05	0.5-	1
361.6	0026	5D0	([5B80])	0.5-	1
365.0	0027	5B86	0 V. MINOR (5D0) 80:20	0.5-	1
366.3	0028	5B6	BIO. (500 BIO.) 70:30	0.5-	1
368.8	0029	BXA		0.5-	1
369.0	0030	5D4\$	(5A) (4A0)	0.5-	1
369.5	0031	4H14	(4A4)	0.5-	1
371.2	0032	4A0	-> 4C5 BXA	0.5-	1
373.2	0033	4A0	00	0.5-	1
373.5	0034	5D6	[4L6]	0.5-	1
374.5	0035	4A0	7 MINOR->(4A0 SLEAZY-LIKE #33)	0.5-	1
375.2	0036	5C\$		0.5-	1
377.5	0037	4A0	87 ->(4C57) 60:40	0.5-	1
378.1	0038	5C\$		0.5-	1
380.8	0039	4C57	-> (4A47)	0.5-	1
381.4	0040	4L167		0.5-	1
382.1	0041	4A0		0.5-	1
385.7	0042	5C6	88 MINOR (5D49) 90:10	0.5-	1
389.6	0043	4A0	89 MINOR	0.5-	1
390.1	0044	5C6	88	0.5-	1
392.2	0045	4A0	87	0.5-	1
392.8	0046	4D0	(5C\$) MINOR	0.5-	1
394.1	0047	4A0	87 -> (5A19)	0.5-	1
396.6	0048	5A6\$	81 89	0.5-	1
398.2	0049	5C6\$	84 ->(5D\$ AT MARGINS) (4A0)	0.5-	1
404.0	0050	5A6	\$ MINOR 89 81	0.5-	1
405.3	0051	4C0		0.5-	1

DDH: FAGA029 UTM-N: 905,683.8 UTM-E: 591,531.6 UTM-ELEV: 1,306.6 TOTAL DEPTH: 465.7 SECTION: W 108  
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
405.8	0052	504\$		0.5-	1
414.4	0053	4A0	->(4C5) (4C0)(5D4\$)MINOR 90:10	0.5-	1
415.5	0054	5D4\$		0.5-	1
416.3	0055	5A6	GOUGE	0.5-	1
416.6	0056	4A0		0.5-	1
418.7	0057	5A61	&9 MINOR &\$	0.5-	1
420.7	0058	5D4\$	(5A61 &9 &\$ MINOR)	0.5-	1
421.9	0059	5A619		0.5-	1
423.1	0060	4A0		0.5-	1
425.1	0061	5A6	31&9 MIN(PY)&\$ MIN (5D4\$)90:10	0.5-	1
430.8	0062	5A6\$	&1	0.5-	1
431.2	0063	5D4\$	(5A61) 90:10	0.5-	1
436.9	0064	5A6\$	&1 ->5B6\$	0.5-	1
438.3	0065	4A4	&7 (4E4 BXA) 50:50	0.5-	1
440.1	0066	4A4	-> [5A19]	0.5-	1
441.1	0067	5A196	(5D4\$) 70:30	0.5-	1
443.5	0068	5A61	&9 MINOR	0.5-	1
465.7	0069	3G0		0.5-	1

DDH: FAGA029 UTM-N: 905,683.8 UTM-E: 591,531.6 UTM-ELEV: 1,306.6 TOTAL DEPTH: 465.7 SECTION: W 108  
 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
FAGA029	0.0	15.5	PS2		0	0	0	C	80	230	0		1	1	1
FAGA029	0.0	23.4	PS2		0	0	0	C	70	230	C		1	1	1
FAGA029	0.0	31.0	PS2		0	0	0	C	90	230	C		1	1	1
FAGA029	0.0	36.2	PS2		0	0	0	C	80	230	0		1	1	1
FAGA029	0.0	45.1	PS2		0	0	0	C	90	230	0		1	1	1
FAGA029	0.0	52.4	PS2		0	0	0	C	84	230	C		1	1	1
FAGA029	0.0	59.4	PS2		0	0	0	C	90	230	0		1	1	1
FAGA029	0.0	66.7	PS2		0	0	0	C	70	230	0		1	1	1
FAGA029	0.0	73.4	PS2		0	0	0	C	82	230	0		1	1	1
FAGA029	0.0	80.7	PS2		0	0	0	C	80	230	C		1	1	1
FAGA029	0.0	87.7	PS2		0	0	0	C	70	230	0		1	1	1
FAGA029	0.0	95.4	PS2		0	0	0	C	81	230	0		1	1	1
FAGA029	0.0	102.4	PS2		0	0	0	C	75	230	C		1	1	1
FAGA029	0.0	110.9	PS2		0	0	0	C	88	230	C		1	1	1
FAGA029	0.0	117.9	PS2		0	0	0	C	83	230	C		1	1	1
FAGA029	0.0	124.8	CS2		0	0	0	C	85	230	C		1	1	1
FAGA029	0.0	129.0	CS2		0	0	0	C	85	230	C		1	1	1
FAGA029	0.0	137.7	CS2		0	0	0	C	70	230	0		1	1	1
FAGA029	0.0	146.9	CS2		0	0	0	C	83	230	C		1	1	1
FAGA029	0.0	154.2	CS2		0	0	0	C	85	230	C		1	1	1
FAGA029	0.0	160.6	PS2		0	0	0	C	82	230	C		1	1	1
FAGA029	0.0	167.7	CS2		0	0	0	C	87	230	0		1	1	1
FAGA029	0.0	174.8	CS2		0	0	0	C	85	230	C		1	1	1
FAGA029	0.0	180.7	CS2		0	0	0	C	73	230	0		1	1	1
FAGA029	0.0	189.2	CS2		0	0	0	C	88	230	0		1	1	1
FAGA029	0.0	194.9	PS2		0	0	0	C	85	230	0		1	1	1
FAGA029	0.0	200.5	PS2		0	0	0	C	70	230	0		1	1	1
FAGA029	0.0	207.8	PS2	D	0	0	0	C	67	230	0		1	1	1
FAGA029	0.0	214.1	CS2	D	0	0	0	C	64	230	C		1	1	1
FAGA029	0.0	215.7	PS2		0	0	0	C	79	230	0		1	1	1
FAGA029	0.0	221.5	CS2	D	0	0	0	C	63	230	0		1	1	1
FAGA029	0.0	231.9	PS2		0	0	0	C	75	230	C		1	1	1
FAGA029	0.0	237.4	CS2		0	0	0	C	75	230	0		1	1	1
FAGA029	0.0	244.2	CS2		0	0	0	C	72	230	C		1	1	1
FAGA029	0.0	249.9	CS2	D	0	0	0	C	71	230	C		1	1	1
FAGA029	0.0	255.5	CS2		0	0	0	C	75	230	C		1	1	1
FAGA029	0.0	264.5	PS2		0	0	0	C	76	230	C		1	1	1
FAGA029	0.0	270.3	CS2	C	0	0	0	C	74	230	C		1	1	1
FAGA029	0.0	278.4	PS2		0	0	0	C	84	230	0		1	1	1
FAGA029	0.0	285.7	PS2		0	C	0	C	73	230	C		1	1	1
FAGA029	0.0	294.1	PS2		0	0	0	C	76	230	0		1	1	1
FAGA029	0.0	298.7	PS2		0	0	0	C	80	230	C		1	1	1
FAGA029	0.0	306.0	CS2		0	0	0	C	77	230	C		1	1	1
FAGA029	0.0	311.3	PS2		0	0	0	C	76	230	C		1	1	1
FAGA029	0.0	321.1	CS2	D	0	0	0	C	80	230	C		1	1	1
FAGA029	0.0	328.5	PS2		0	0	0	C	76	230	C		1	1	1
FAGA029	0.0	335.2	CS2		0	0	0	C	75	230	C		1	1	1
FAGA029	0.0	341.0	PS2		0	C	0	C	70	230	0		1	1	1
FAGA029	0.0	349.6	PS2		0	0	0	C	77	230	C		1	1	1
FAGA029	0.0	355.7	PS2		0	0	0	C	76	230	C		1	1	1
FAGA029	0.0	363.9	PS2		0	0	0	C	76	230	C		1	1	1

DDH: FAGA029 UTM-N: 905,683.8 UTM-E: 591,531.6 UTM-ELEV: 1,306.6 TOTAL DEPTH: 465.7 SECTION: W 108  
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	DIRECT	S1 ANGLE	DIRECT	S2 ANGLE	DIRECT	RFE	CDE	DHDC	SDC	PROCESS
FAGA029	0.0	373.0	CS2		0	0	0	C	77	230	0		1	1	1
FAGA029	0.0	379.7	PS2		0	0	0	C	61	230	0		1	1	1
FAGA029	0.0	387.4	CS2	D	0	0	0	C	65	230	0		1	1	1
FAGA029	0.0	389.8	CS2	D	0	0	0	C	60	230	0		1	1	1
FAGA029	0.0	398.6	CS2	D	0	0	0	C	68	230	0		1	1	1
FAGA029	0.0	405.3	PS2		0	0	0	0	62	230	0		1	1	1
FAGA029	0.0	418.4	PS2		0	0	0	0	68	230	0		1	1	1
FAGA029	0.0	427.3	CS2	D	0	0	0	0	67	230	0		1	1	1
FAGA029	0.0	433.1	CS2		0	0	0	C	81	230	0		1	1	1
FAGA029	0.0	439.5	PS2		0	0	0	C	60	230	0		1	1	1
FAGA029	0.0	446.9	PS2		0	0	0	0	77	230	0		1	1	1
FAGA029	0.0	455.6	PS2		0	0	0	C	83	230	0		1	1	1
FAGA029	0.0	462.6	PS2		0	0	0	C	79	230	0		1	1	1
FAGA029	0.0	465.4	PS2		0	0	0	0	83	230	0		1	1	1

DDH: FAGA029 UTM-N: 905,683.8 UTM-E: 591,531.6 UTM-ELEV: 1,306.6 TOTAL DEPTH: 465.7 SECTION: W 108  
 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
FAGA029	3.3	17.6	2B		0	0	0	1
FAGA029	17.6	17.9	GR		0	0	0	1
FAGA029	17.9	96.0	1B		0	0	0	1
FAGA029	96.0	96.3	2BR		0	0	0	1
FAGA029	96.3	108.2	2B		0	0	0	1
FAGA029	108.2	109.1	2BR		0	0	0	1
FAGA029	138.3	138.6	R		0	0	0	1
FAGA029	0.0	140.5	1R		0	0	0	1
FAGA029	162.4	164.2	3BT		0	0	0	1
FAGA029	170.3	170.6	1RG		0	99	0	1
FAGA029	199.0	202.7	2B		0	0	0	1
FAGA029	0.0	207.2	1G		0	0	0	1
FAGA029	205.1	208.1	2B		0	0	0	1
FAGA029	208.1	213.3	2BT		0	0	0	1
FAGA029	0.0	224.9	1G		0	0	0	1
FAGA029	224.9	226.0	1B		0	0	0	1
FAGA029	226.0	229.3	3BR		0	0	0	1
FAGA029	256.3	259.9	2BR		0	0	0	1
FAGA029	267.6	268.2	RG		0	0	0	1
FAGA029	274.6	279.1	2B		0	0	0	1
FAGA029	279.1	279.8	T		0	0	0	1
FAGA029	0.0	281.9	T		0	0	0	1
FAGA029	0.0	284.0	1G	50	0	0	0	1
FAGA029	284.2	284.5	R		0	0	0	1
FAGA029	284.5	292.3	2B		0	0	0	1
FAGA029	0.0	297.9	1R		0	0	0	1
FAGA029	300.8	302.6	3BR		0	0	0	1
FAGA029	303.7	305.1	1B		0	0	0	1
FAGA029	330.4	331.3	T		0	0	0	1
FAGA029	0.0	332.2	1R		0	0	0	1
FAGA029	0.0	336.4	SF		0	0	0	1
FAGA029	0.0	354.0	1F		0	20	0	1
FAGA029	366.3	368.8	X		0	0	0	1
FAGA029	368.8	369.0	X		0	0	0	1
FAGA029	369.0	369.5	XD		0	0	0	1
FAGA029	369.5	371.2	X		0	0	0	1
FAGA029	378.1	380.8	1D		0	0	0	1
FAGA029	389.8	390.1	1R		0	0	0	1
FAGA029	392.8	394.1	R		0	0	0	1
FAGA029	394.1	396.2	2B		0	0	0	1
FAGA029	396.2	396.5	R		0	0	0	1
FAGA029	399.5	401.2	3G		0	0	0	1
FAGA029	401.2	404.0	RB		0	0	0	1
FAGA029	414.4	415.5	1X		0	0	0	1
FAGA029	415.5	416.3	G		0	0	0	1
FAGA029	435.4	435.8	GR		0	0	0	1
FAGA029	436.9	438.3	D		0	0	0	1
FAGA029	441.1	443.5	TR		0	0	0	1
FAGA029	452.6	453.5	RQ		0	0	0	1

DDH: FAGA029 UTM-N: 905,683.8 UTM-E: 591,531.6 UTM-ELEV: 1,306.6 TOTAL DEPTH: 465.7 SECTION: W 108  
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH SEGMENT NOS COND INDICATOR

FAGA029	1	2
FAGA029	2	2
FAGA029	3	2
FAGA029	4	2
FAGA029	5	2
FAGA029	6	2
FAGA029	7	1

\*\*THIS REPORT WAS REQUESTED BY: LEEP .GEOLOGY AT: 11:08:01

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: FAGA 029

Fabric Orientation Diagram:

Project: GRUM RE-LOG

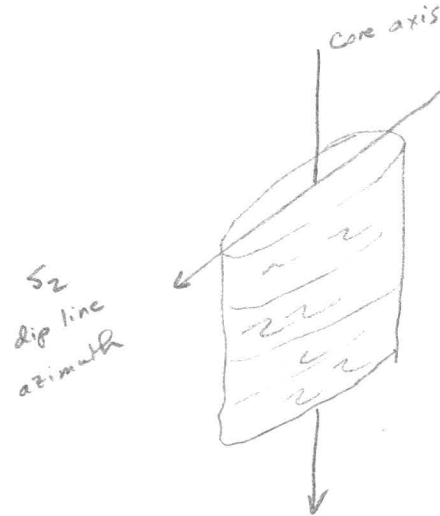
Location: VANGORDA PLATEAU

Claim: CHUCK 6

Terr. Plane Co-ords.: 6905683.8448 N

591531.5845 E

Grid Co-ords.: 108W / 3+88N



All symmetry determinations looking

NW with S<sub>2</sub> dipping

SW with dip azimuth 230°.

Elevation: 1306.61

Total Depth: 1528 ft

Purpose: \_\_\_\_\_

Logged by: GAS/LCP

Date(s) Logged: Aug 17-18, 1983

Drilling Contractor:	_____	Core:	Size	From	To	Collar Cased and Capped: _____
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<u>BQ</u>	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Started: Aug 12, 1974 Completed: Aug 30, 1974



FEET

DDH F.A.G.A. 29  
2 8

1 FEET!

Cyprus Anvil Mining Corp.  
Lithologic Log

Page 3 of \_\_\_\_\_

Date: 17 Aug 83 Logged By: GAI/CCP

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	100	1110		11	#	Overburden + casing No Core
L	1110	11819.5		12	5B10	± minor 8 Lithons poor - less than normal Rock is calcareous Both py & po porphs - also mixed Amt about subequal Mod brkn - basically intact 0-5B / 5B-5B gauge & rubble / 5B-EOI brkn but intact. Gauge @ 5B imp # 11 S <sub>2</sub> Few % (10Q ≠ chlorite) - most is above 8B' (between 5 & 10%)
L	11819.5	131150		13	5B10	± # # is relatively minor - weathers tan - about 20% of carbonate-bearing bands dolomitic Both po & py porphs - about subequal Lithons are poor - present but not well developed. Intact to mod brkn - no signif faults Minor 10Q ≠ chlorite like # 2
L	131150	131518.1		14	5B10	Green tint to medium-range microlithons - grt-bearing but not grt-rich, noncarbonaceous lithons 1mm-1cm thick. Coarser bands than this are not green Both py & po present. Mod brkn w/ local rubble @ top 1 ft & bottom 3 ft Good recovery

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	35181	31955		15	5B10	± minor \$ Mod. to poor lithons Subequal po & py prisms Intact w/ good recovery
L	31955	50140		16	5B10	Now getting better lithons / Starting to see big lithons - mag lithons - get 1' sections when 5, vertical Core intact TOI-454 / 454-455 rubble for no reason / 455-E0I intact w/ minor rubble @ 461 No fault Green dirt to conserve lithons - Many carbonate bands have minor tan-weathering color - not sure if dol. since overhauled by calcite Po subequal to possibly lighter than py
L	50140	61115		17	5B10	± \$ very minor + thin blue grey marble bands Thin blue-grey limestone 1/4" - 3" thick. Nearly pure calcite. Interval color laminations but not delicately laminated. Largest @ 525' - 4" thick, 3" thick @ 540', 2" infolded several times 549'-550', thin band infolded 563'-565', 2" @ 587' Upper & lower contacts gradational - marked only by presence of marble. Logged as SE in a nearby DDH TOI-533 intact / 533-539 paker chippy to very broken, recov. OK no faults 539-559 intact - rubble on steep veinlets / 559-560 minor rubble & H <sub>2</sub> S gauge 560-E0I intact w/ local steep veinlet set Both po & py

Tan-weathering bands (dolomite) from mainly 556'-568'  
Also in some interval slightly better PSE carbonaceous striping

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	161115	161530		18	5B10	Reasonable lithos Last 3 feet ±2 Intact - no faults P <sub>2</sub> > py although both present lower contact gradational
L	161530	161615		19	5B161	± very minor 2 (SD4) trace Mod. brkn - good recovery
L	161615	161830		110	5B101	± very minor 2 ±2 especially in top 1/2 unit / Intact - mod. brkn in last 10' w/ minor incip. gouge @ 680' No faults
L	161830	170100		111	5B161	± minor 2 Similar to Unit #9 P <sub>2</sub> ≈ P <sub>3</sub> py sparse Mod. brkn, locally pater chippy - no faults
L	170100	171330		112	5B101	± 1/2 minor Normal lithos / mainly go > py (2x) / INTACT
L	171330	171318		113	5B101	Normal lithos / Intact - minor IND gouge EOE
L	171318	171415		114	5B161	Intact to mod brkn / Both contacts gradational Carbonat weathers tan

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	7411.5	7522.5		115	5B101	Very brkn - local rubble No major faults. Rubble by vein set @ 0-20° G.A.
L	7522.5	9116.0		116	5B101	± minor $\neq$ $\neq$ in last 3 ft & towards top & near 840 Normal lithons Mainly calcic - not too-weathering / Mainly po pyrophy - minor py noted @ TOI TOI - 841 intact - only local rubble - recov. v. good \ 841-853 mod. to v. brkn. locally rubble & polar chippy - doesn't look like a fault problem \ 853-878 intact \ 878-880 rubble & gauge - might be adjacent pt vein \ 880-901 intact \ 901-EOI mod. - v. brkn, minor polar chip & rubble - no major gauge
L	9116.0	9159.0		117	5B161	± 2 very minor Mod. brkn \ polar chippy @ 916-918, 92.5 (qtz vein) \ gauge @ 932-6" - minor fault cutting S <sub>2</sub> 50/000 (top contact) - weak aren. cluge // to ft. 932.5-932.5 rubble \ 932.5-EOI mod. brkn. 3" of 5D04 @ 954, 3" @ 950.5 / Sulfide pyrophy are leached out
L	9159.0	9179.5		118	5B101	± $\neq$ Intact - good recovery / trace rubble @ 977.5 Both po & py subequal Normal lithons
L	9179.5	91916.6		119	5B161	± 2 v. minor TOI - 987 intact \ 987-993 v. brkn, rubble, minor gauge - related to not-important steep fault \ 993-EOI intact
L	91916.6	119101.0		120	5B101	± $\neq$ Both po & py po > py / Mod. brkn - con. intact Poorly developed lithons 5D4 $\neq$ infall @ 998' - 2" thick

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	109910	110575		121	5B018	Po > py / Intact
L	110575	110613		122	5D01	(5809) 60:40 Intact
L	110613	111010		123	5B1810	Po > py / nice lithons / Distinct greenish cast - phyllitic part greenish grey Intact 1084-1087 poken chippy, minor rubble @ 1090
L	111010	111060		124	5B101	biotite (5D0 biotite) 80:20 Don't know why this interval is biotite - cause not obvious @ 1104 (middle of zone) possible fault w/ shearing @ 60° core axis - steep then S2
L	111060	111608		125	5B1018	(5D0) 95:05 5D0 as 1"-8" interbands Not as green as above 5B08 Minor biotite - schists to more carbonate-bearing part Intact - locally slightly rubbly - large # crackle veinlets Minor fault @ 1166.5-20/000 not significant
L	111608	111865		126	5D01	([5B00]) Intact / Both color laminated & homogeneous varieties Both varieties have qtz-ce veins Minor sp in S2 cutting veinlets & 11S2
L	111865	111977		127	5B1816	v. minor 0 (5D0) 80:20 Very poor lithons / local biotite associated w/ healed fractures SD as 1"-6" interbands

Code	From	To	Recov.	No.	Unit	Description
L	11977	12020		128	5B16	biotite (5D0 biotite) 70:30 5B has much calc. in fractures Brownish & green phyllite w/ heavy crackle veinlet calcite. Similar to last unit only biotitic & dominates the green Intact
L	12020	12110		129	1B1A1	Green fault breccia upper contact gradational. Orientation ?? Thin fault cut out Vandyke rocks above are & below the green 5D0 rich section
L	12110	121108		130	15D141\$	(5A X4A0) appears to be part of fault breccia / Split - probably intact -
L	121108	121124		131	14H114	(4A4) 4H breccia w/ clasts of 5CD4 & 4A floating in it Split
L	121124	121179		132	14A101	→ 4C5 BYA intact fault breccia - very heavily brecciated - shallows fault? 1152? Total sulphides 10% - mainly sphal.
L	121179	121247		133	14A01	00 Slurry 4A / 5% total sulph, py & sphal. Fine laminae light grey / dk grey bandings / not much sulphide Not a good 4A rock Could be altered well rock silicified & mineralized. Could also be distal 4A. Split

DDH FAGAD29  
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Date: 17 Aug 83 Logged By: GM/LCO

Code	From	To	Recov.	No.	Unit	Description
L	1121247	1121255		314	15D161	[446] Split - orig intact
L	1121255	1121290		315	14A01	minor 7 → (4A0 sleazy-like # 33) Tot. sulph 5-10% sphal = py w/ lesser po Split Interbeds of 5D4 minor. least 3" is altered looking ("bleached" to 4C5)
L	1121290	1121310		316	15C11	Split
L	1121310	1121318		317	14A01	± 7 → (4C57) 60:40 Very poorly developed 4A Grades thru carbon decrease to 4C5 locally Total sulph 5-10% sphal & py Split
L	1121318	1121405		318	15C11	Split
L	1121405	1121495		319	(4D517)	→ (4A47) Total sulph 15% sphal ≈ (py + po) Split local micro bxa
L	1121495	1121516		40	14A1167	1 fr qtz-rich bands, 6 weak-greenish folia Split
L	1121516	1121539		411	14A10	Very finely laminated / Not good 4A Split Total sulph 5% py & sphal

HC57  
 see assays  
 Perhaps cross check 4-A logs  
 ! Entire ore section rubbish - bms moved around. esp. 1250-1295 w/ poor recovery!

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	1121539	1121655		1412	5C16	± \$ minor (5D49) 90:10 Split From 1251.5-1252.5 to 5D / Intact
L	1121655	1121785		1413	4A01	± 9 minor decent 4A0 - still thinly laminated - but good pt-sulphide bands Total sulph 15% py & sphal Few fractures with spy Split
L	1121785	1121810		1414	5C16	± \$ Split - minor rubble in last half
L	1121810	1121868		1415	4A01	± 7 good 4A / reasonable pt-sulphide banding / Minor po sphal & py / ps very minor Total sulph ≈ 15% Split
L	1121868	1121890		1416	4D01	(5C\$) minor Could be bleached 4A / 5C very minor but near center Split
L	1121890	1121930		1417	4A01	± 7 → (5A19) → 4A4 Split 2" of 5C\$ @ EOI & few interbeds in unit Split - rubble - disorganized Minor 4C0 - but no order to it - it is completely FUCKED

Code	From	To	Recov.	No.	Unit	Description
	10 14 16	20 22 24	26 28 30	34 35		
L	12930	13012		1418	5A16f	±1 ±9 Transitional in last foot to 4A 5c interband 1' from EOI - 2" thick Not split - weak strong broken - rubble in last 1 foot above 4A <u>Possible fault</u>
L	13092	131067		1419	5C16f	±4 → (5Df at margins) (4A0) ±4 for incip loss of green color 4A0 occurs @ 1309.5 - 1310.3, 1311.8 - 1312.3 - f also 4" of 4A0 in previous unit. Top 3" of 4A @ 1309 in slightly bleached Unsplit - intact contacts sharp 115z
L	131067	1312155		1510	5A16i	f minor ±9 ±1 TOI-1311 intact \ 1311-1316.5 gouge, ind, black - 2 1/2' of it \ 1316.5 - EOI rubble & broken core ±9 for mainly pyrite
L	1312155	1313100		1511	4C10i	10% total sulph sphal 20 py Well banded - could be altered 4A Split
L	1313100	1313115		1512	5C14f	Not split

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4A4  
see assays

Code	From	To	Recov.	No.	Unit	Description
L	131315	131596		1513	4A10	→ (4C5) (4C0) (5D4\$) minor 90% mainly w/ folia slightly light for 4A but texture close. locally has good pt-sulph. bands Total sulph 5% sphalopy Split - locally rubble - recovery ok 5D4\$ minor @ last 3' of interval
L	131596	131635		1514	5D41\$	Not split - intact / locally oxidized (for fault file)
L	131635	131660		1515	5A161	Gauge Int - has frags of 5A1
L	131660	131670		1516	4A10	Not split / Intact
L	131670	131740		1517	5A161	± 9 minor ± \$ \$ in tan weathering carb. in ptrose bands 9 - py mainly Rock in upper part of a transition, no rest four units to 4A0 shaly Hard, starts to get fine-grained bluish grey color of 4A0 Intact - not split
L	131740	131805		1518	5D41\$	(5A61 ± 9 ± \$ minor) 5A as above 6" interbands scattered thru unit - probably thin infolded 5A & 5D sequence - lots of D2 hinges

Code	From				To				Recov.	No.	Unit	Description
	10	14	16	20	22	24	26	28				
L	131810	5	131845	5						1519	5TA161	9 Py. Hard black siliceous phyll w/ minor py stringers like 4A slazy mby no pt-sulphide banding Could be a carbonaceous meta chert
L	131845	5	131882	2						1610	4A10	Similar to last unit only locally well developed pt-sulphide banding w/ py & sphal. Clearly demonstrates gradational between siliceous phyllite and pt-sulphide <del>and</del> siliceous 4A Intact / Unsplit 10% total sulph. py & sphal
L	131882	2	13948	8						1611	5TA161	± 1 ± 9 minor (py) ± 8 minor (5D4f) 90:10 5D as 1/4" to 3" interbands sharp contacts 11S <sub>1</sub> & 11S <sub>2</sub> 5D as bundles of interbands @ top 1 1/2' and bottom 1 1/2' Intact
L	13948	8	14113	5						1612	5TA161f	± 1 Blk. med. hard, noncalc. phyll. w/ pt-dol. bands forming med. lithom structure Similar to above units - only minor sulphides Carbon & dol. bands both decreasing in last 7' Intact

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	1141135	1141150		1613	5D141\$	(5A61) 90110 Intact 1" SA band in center of unit
L	1141150	1141316		1614	5A161\$ ±1 → 5B6\$	±1 for locality here - more qtz siltstone than interheat \$ minor Same as Unit # 62 ±9 in last couple of feet where transitional to thinly laminated 4A TOI - 1428.5 intact \ 1428.5-1430 gauge & rubble INT - possible minor fault \ 1430-EDT intact last 2.7 ft are split last 0.5 ft similar to underlying units
L	1141316	1141318.2		1615	14A101 ±7	(4E4 bva) 5D150 poorly developed 4A - very finely laminated, very strong PSZ of thin // thin qtz-sphal layers w/ finely laminated & coarse laminated siliceous phyllite frag of 4A & qtz in 4E, 4E is very well banded Total sulph. 50% grade probably 10% Pb+Zn Minor interbanded po in 4A Split - originally intact
L	1141318.2	1141440		1616	14A101 → [5A19]	Thinly laminated 4A as in Unit # 65 Split Gregg really likes to see it as 5A19

4A4  
see assays

4A4  
see assays

Code	From	To	Recov.	No.	Unit	Description
	10 14 16	20 22 24	26 28 30	34 35		
L	11414.40	11414.75		1617	15A119 6	(5D4 $\phi$ ) 70:30 Essentially same as previous unit but lacks sphal interbanding Black PSS ftd, finely laminated siliceous phyllite Good phyllitic partings 5D as 1/2" to 3" interbands Intact
L	11414.75	11415.52		1618	15A161	$\pm$ 9 minor 3 inch py interband @ 1453' - otherwise minor py & sph ass. w/ ft bands Similar to above units Grades downwards through become in carbon to next unit Poker digging & rubble - no gauge
L	11415.52	11528.0		1619	13190	w/ gtz. siltstone bands qtz bands are light to med. green. Minor $\phi$ Interbanded 3B $\phi$ minor - almost 3B6 PSS foliated - micro lithons are abundant Similar to unit between subplate bands & @ bottom of holes see Sect 88 w) Intact except 1485-1488 sleep vein & possible fault 03 EOK minor rubble core which is oxidized

Code	From		To		Feature	S <sub>0</sub> Dip Direct.	S <sub>1</sub> Dip Direct.		S <sub>2</sub> Dip Direct.		Description	
	10	14	16	20			26	28	32	34		38
				1510	PS12					810	2310	
				1770	PS12					710		
				110120	PS12					910		
				111190	PS12					810		
				114180	PS12					910		
				117120	PS12					84		
				119150	PS12					910		
				121190	PS12					710		
				124110	PS12					812		
				126150	PS12					810		
				128180	PS12					710		
				131130	PS12					81		
				133160	PS12					75		
				136140	PS12					88		
				138170	PS12					813		
				140195	CS12					815		→ P
				142135	CS12					85		
				145120	CS12					70		→ P
				148120	CS12					83		→ P
				150160	CS12					815		
				152170	PS12					82		
				155105	CS12					87		
				157135	CS12					85		
				159130	CS12					73		
				162110	CS12					818		
				163195	PS12					815		C in area
				165180	PS12					70		
				16820	PS12 D					67		local C
												2 <sup>nd</sup> ex. clay present
				171125	CS12 D					64		→ P
				171180	PS12					79		→ C
				172170	CS12 D					63		
				176110	PS12					75		
				177190	CS12					75		
				180115	CS12					72		
				182100	CS12 D					71		

Structural Log

Date: 18 Aug 83 Logged By: G.A.J./C.P.

Code	From				To				Feature	S <sub>1</sub> NE	S <sub>0</sub>		S <sub>1</sub>		S <sub>2</sub>		Description	
	10	14	16	20	22	24	26	28			Dip	Direct.	Dip	Direct.	Dip	Direct.		
				1817	185			C512							75	23	10	
				1816	180			P512							76			
				1818	170			C512 D							74			
				1911	135			P512							84			→ C
				1913	175			P512							73			
				1916	150			P512							76			
				1981	10			P512							810			→ C
				11010	4			C512							77			
				11012	15			P512							76			
				11015	35			C512 D							810			
				11017	100			P512							76			→ C
				111010	0			C512							75			→ P
				1111	190			P512							70			
				1114	170			P512							77			
				1116	170			P512							76			
				1119	140			P512							75			
				1121	240			C512							77			
				11214	160			P512							61			→ C
				11217	10			C512 D							65			
				11217	90			C512 D							610			
				11310	180			C512 D							618			→ P
				11313	100			P512							62			
				11317	30			P512							68			
				11410	120			C512 D							67			→ P
				11412	10			C512							81			→ P
				11414	120			P512							610			
				11416	65			P512							77			
				11419	50			P512							83			
				11511	180			P512							79			} → micro-C52 region incipient C52
				11512	170			P512							83			

overburden in this hole ends at 11' 1st box is 580

WELL NO: A-29  
WELL LENGTH: 465.73

LATITUDE: 11498.39  
DEPARTURE: 6857.36  
ELEVATION: 1317.20

AZIMUTH: 0.00  
DIP: -90.00

INTERVAL		ASSAYS				
FR	TO	PB	ZN	AG		
		%	%	GM/TON		
0.00	368.50	N/A	N/A	N/A		
38.50	371.25	.93	2.22	9.94	—	92033
71.25	374.29	1.23	2.22	18.16	—	92034
74.29	375.33	.65	1.28	7.20	—	92035
75.33	377.65	1.65	2.58	14.05	—	92036
77.65	379.17	.80	1.42	9.94	—	92037
79.17	382.22	1.18	1.46	15.08	—	92038
82.22	385.75	N/A	N/A	N/A		
85.75	388.62	1.44	2.40	24.34	—	92039
88.62	391.67	1.23	2.00	16.11	—	92040
91.67	393.95	2.00	4.00	17.14	—	92041
93.95	403.65	N/A	N/A	N/A		
93.65	405.08	1.28	2.94	22.28	—	92042
95.08	406.60	N/A	N/A	N/A		
96.60	407.97	1.80	4.20	37.37	—	92043
97.97	408.43	2.28	4.92	44.22	—	92044
98.43	409.96	2.50	4.80	42.51	—	92045
99.96	411.48	1.93	4.20	32.22	—	92046
1.48	413.31	2.48	1.36	30.17	—	92047
3.31	414.53	2.33	5.10	30.17	—	92048
4.53	436.05	N/A	N/A	N/A		
6.05	436.84	.22	.41	5.14	—	92049
6.84	438.61	3.68	16.67	80.56	—	92050
8.	439.06	1.35	5.40	21.25	—	92051
9.06	439.83	1.30	3.84	22.28	—	92052
9.83	441.96	N/A	N/A	N/A		
11.96	442.94	.58	1.60	12.00	—	92053
12.94	465.73	N/A	N/A	N/A		

FEET

Constructed from K-A assay intervals

DDH F.A.G.A.O.29 Cyprus Anvil Mining Corp

Page \_\_\_\_\_ of \_\_\_\_\_

Logged by LCP

ASSAY LOG (SAMPLER'S COPY)

Date \_\_\_\_\_ Sampled by \_\_\_\_\_

CODE	FROM				TO				SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
	10	14	16	20	22	26	28	30					
P	11210	190	112118	0	91210	313	190	185	41A1H				
P	112118	0	112128	0	91210	314	110	110	41A10				
P	112128	0	112131	4	91210	315	134	134	15C1\$				
P	112131	4	112139	0	91210	316	176	176	41A10				
P	112139	0	112144	0	91210	317	150	140	14C15				
P	112144	0	112154	0	91210	318	110	110	41A10				
P	112165	6	112175	0	91210	319	194	194	41A10				
P	112175	0	112185	0	91210	410	110	110	41A10				
P	112185	0	112192	5	91210	411	175	175	41A10				
P	113124	3	113129	0	91210	412	147	145	41C10				
P	113134	0	113138	5	91210	413	145	133	41A14				
P	113138	5	113141	0	91210	414	115	115	41A14				
P	113141	0	113145	0	91210	415	150	135	41A14				
P	113145	0	113150	0	91210	416	150	150	41A14				
P	113150	0	113156	0	91210	417	160	110	41A10				
P	113156	0	113161	0	91210	418	140	140	41A14				
P	114131	6	114133	2	91210	419	126	126	15A16				
P	114133	2	114139	0	91210	50	158	158	41A1E				
P	114139	0	114141	5	91210	51	115	115	41A14				
P	114141	5	114143	0	91210	52	125	125	41A14				
P	114150	0	114153	2	91210	53	132	132	15A16				

FEET

FAULT

DDH F.A.G.A.029  
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Cyprus Anvil Mining Corp.

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Structural Log

Date: \_\_\_\_\_ Logged By: HCP - from CAME logs

Code	From				To				Feature	S <sub>0</sub> Dip Direct.	S <sub>1</sub> Dip Direct.	S <sub>2</sub> Dip Direct.	Description	
	10	14	16	20	22	24	26	28						32
F		11	0	158	0	21B1								mod brkn - basically intact
F		158	0	159	0	6R1								gouge & rubble - incip gouge ≠ S <sub>2</sub>
F		159	0	131	150	11B1								intact to mod. brkn - no gouge or faults
F		131	150	131	160	21B1R								mod. brkn w/ local rubble
F		131	160	131	155	121B1								mod. brkn
F		131	155	131	158	121B1R								mod brkn w/ local rubble
F		141	154	0	141	155	0	R1						rubble - no apparent reason
F				141	61	0	11R1							minor rubble
F		151	313	0	151	319	0	31B1T						poker chippy to very brkn
F		151	159	0	151	610	0	11R1G		919	919			minor rubble & 11 S <sub>2</sub> gouge
F		161	513	0	161	615	2	21B1						mod. brkn - good recovery
F		161	713	0	161	813	0	21B						mod. brkn
F					161	80	0	11G1						minor incipient gouge
F		161	813	0	171	010	0	21B1T						mod. brkn, locally poker chippy - no faults
F					171	318	0	11G1						minor IND gouge
F		171	318	0	171	411	5	11B1						intact to mod brkn
F		171	411	5	171	512	5	31B1R						very brkn - local rubble - rubble by vein. 0-20° C.A. - no major fault
F		181	411	0	181	513	0	21B1R						mod. to v. brkn, local rubble & poker chippy - no fault
F		181	718	0	181	810	0	R1G1						rubble & gouge - adj. qtz vein
F		191	011	0	191	116	0	21B1						mod to v. brkn - minor poker chippy & rubble - no major gouge
F		191	116	0	191	118	0	T1						poker chippy -
F					191	215	0	T1						poker chippy - qtz vein
F					191	312	0	11G1	510	0010				minor gouge - 6"
F		191	312	5	191	313	5	R1						
F		191	313	5	191	519	0	21B						mod brkn
					191	717	5	11R1						trace of rubble
F		191	817	0	191	913	0	31B1R						v. brkn w/ rubble, minor gouge - steep minor fault

recov. OK

FEET

DDH FAGAD.29  
2 8

Cyprus Anvil Mining Corp.

Page \_\_\_\_\_ of \_\_\_\_\_

Structural Log

Date: \_\_\_\_\_ Logged By: \_\_\_\_\_

Code	From		To		Feature	Sym	S <sub>0</sub>		S <sub>1</sub>		S <sub>2</sub>		Description	
	10	14	16	20			Dip	Direct.	Dip	Direct.	Dip	Direct.		
	10	14	16	20	22	24	26	28	32	34	38	40	44	
F	19	16	6	110	01	0	11B							mod broken - essent intact
F	110	18	4	0	110	18	7	0	T					pokey chippy
					110	19	10	0	11R					minor rubble
F					111	04	0		51F					possible fault w/ shearing @ 60° C.A (steeper than S <sub>2</sub> )
F					111	16	1	5	11F		210	00	0	minor fault - not signif
F	112	10	2	0	112	11	0	0	X1					green fault bxa - upper contact grad fault cuts out Vangada below green SD-rich section & above ore
F	112	11	0	0	112	11	0	8	X1					bxa in 4A
F	112	11	0	8	112	11	2	4	X1D					4H bxa w/ clasts of 5CD4 & 4A
F	112	11	2	4	112	11	7	9	X1					intact fault bxa - heavily brated
F	112	14	10	5	112	14	19	5	11D					local microbxa - texture
F	112	17	19	0	112	18	10	0	11R					minor rubble
F	112	18	19	0	112	19	13	0	R1					rubby - sections probably moved around in box since core split & looks disorganized
F	112	19	13	0	113	01	0	0	21B					mod to v. broken
F	113	01	0	0	113	01	0	1	R1					rubble - possible fault
F	113	11	1	0	113	11	16	5	31G					2 1/2" black IND gauge
F	113	11	16	5	113	21	15	5	R1B					rubble & broken core
F	113	15	19	6	113	16	13	5	11X1					locally brated
F	113	16	13	5	113	16	16	0	G1					IND gauge w/ frags 5A1
F	114	12	18	5	114	13	10	0	G1R					gauge & rubble - IND
F	114	13	13	6	114	13	18	2	D1					4E4 bxa - frags of 4A & gte in 4A
F	114	14	17	5	114	15	15	2	T1R					pokey chippy & rubble - no gauge
F	114	18	15	0	114	18	18	0	R1Q1					steep vein & possible fault causes oxidized, rubble core 03° C.A.

Some fault zone\*

PAGE 064

FRAGA 064

DRILL HOLE : FAGA064  
NORTHING : 905,777.0  
EASTING : 591,617.2  
ELEVATION : 1,295.2  
TOTAL DEPTH : 432.2  
SECTION : W 108  
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: 10  
NOS DOWN-H-SURVEYS: 7  
NOS DOWN-H-LITHOLOGY: 81  
NOS DOWN-H-STRUCTURE: 62  
NOS DOWN-H-FAULTS: 69  
NOS DOWN-H-SPLINES: 7  
NOS COMPOSITES: 0



DDH: FAGA064 UTM-N: 905,777.0 UTM-E: 591,617.2 UTM-ELEV: 1,295.2 TOTAL DEPTH: 432.2 SECTION: W 108  
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
61.000	175.900	158.000
121.900	171.000	153.000
182.900	163.200	138.000
243.800	153.000	145.000
304.800	156.000	135.000
350.500	161.300	142.200

DDH: FAGA064 UTM-N: 905,777.0 UTM-E: 591,617.2 UTM-ELEV: 1,295.2 TOTAL DEPTH: 432.2 SECTION: W 108  
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
6.4	0001	#		0.5-	1
28.6	0002	580		0.5-	1
29.8	0003	583	-> 5E0	0.5-	1
61.5	0004	580		0.5-	1
80.4	0005	580\$		0.5-	1
80.7	0006	5E0		0.5-	1
82.6	0007	580\$		0.5-	1
113.5	0008	580	&\$	0.5-	1
114.2	0009	500\$		0.5-	1
117.3	0010	580		0.5-	1
125.5	0011	580	&\$ MINOR (500)	0.5-	1
167.6	0012	580	&\$ MINOR	0.5-	1
169.1	0013	10Q#	CHL (586)	0.5-	1
175.5	0014	580		0.5-	1
176.6	0015	10Q0#	9 CHL W/SUL (500[4L6]) 50:50	0.5-	1
187.7	0016	580		0.5-	1
188.8	0017	580	(500) 95:05	0.5-	1
189.4	0018	500	(5880)	0.5-	1
207.9	0019	580	8 MINOR	0.5-	1
208.4	0020	500		0.5-	1
244.9	0021	580	&8	0.5-	1
246.7	0022	580		0.5-	1
261.9	0023	5808	(500) 95:05	0.5-	1
265.1	0024	580		0.5-	1
266.9	0025	5880	(500) 90:10	0.5-	1
268.0	0026	500		0.5-	1
270.2	0027	5883		0.5-	1
280.5	0028	500	(5880) 50:50??	0.5-	1
282.7	0029	580	&8 MINOR &\$ V. MINOR NEAR TOP	0.5-	1
284.2	0030	5820	(500) 90:10	0.5-	1
288.3	0031	500	&\$ &4 (5880) 95:05	0.5-	1
288.7	0032	5880		0.5-	1
293.5	0033	500	(5880) (5802) 20%	0.5-	1
295.7	0034	500		0.5-	1
296.3	0035	5880		0.5-	1
297.4	0036	500		0.5-	1
297.8	0037	5880		0.5-	1
299.8	0038	500	(5880) 70:30	0.5-	1
303.0	0039	5880	(500) 95:05	0.5-	1
303.7	0040	500	(5880) 70:30	0.5-	1
305.2	0041	500	BIO (5880 BIO)	0.5-	1
316.7	0042	5880	BIO (500)TR	0.5-	1
320.8	0043	586\$		0.5-	1
321.3	0044	4Q4	[4C0]	0.5-	1
321.8	0045	58619	[4A0] PHOEY??????	0.5-	1
322.3	0046	4C0	(5C\$)	0.5-	1
322.9	0047	5C\$	&4	0.5-	1
323.7	0048	-4A0	[586219]	0.5-	1
324.0	0049	504\$	(4D5) 80:20	0.5-	1
324.9	0050	-4A0		0.5-	1
329.2	0051	3G0	&9	0.5-	1

DDH: FAGA064 UTM-N: 905,777.0 UTM-E: 591,617.2 UTM-ELEV: 1,295.2 TOTAL DEPTH: 432.2 SECTION: W 108  
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
330.0	0052	38\$	84	0.5-	1
332.4	0053	3G0	(38\$) 95:05	0.5-	1
333.2	0054	383		0.5-	1
334.7	0055	3G0	88 MINOR (383) 95:05	0.5-	1
336.6	0056	383	8810 (3G8) MINOR	0.5-	1
339.2	0057	3G6	8810 MINOR (383&\$) 90:10	0.5-	1
344.5	0058	383	810	0.5-	1
344.9	0059	3G8		0.5-	1
358.5	0060	3G0		0.5-	1
364.8	0061	3G46	WEAK STRINGERED (4L74) 70:30	0.5-	1
366.6	0062	3G96	81	0.5-	1
372.1	0063	4L74	6 WEAK	0.5-	1
378.0	0064	3G0	V. WEAKLY STRINGERED	0.5-	1
379.7	0065	4L76	WEAK	0.5-	1
386.0	0066	3G0		0.5-	1
389.2	0067	4A07	84 8\$ MINOR	0.5-	1
390.5	0068	10Q\$	MINOR	0.5-	1
398.6	0069	4A4		0.5-	1
400.5	0070	5B26\$	9	0.5-	1
401.1	0071	5C4\$		0.5-	1
401.3	0072	5A6\$	(5D4\$) 60:40	0.5-	1
402.2	0073	5D4\$		0.5-	1
402.8	0074	5A6\$	(5C3) (5D4\$) 50:50:TR	0.5-	1
403.2	0075	5A6\$		0.5-	1
410.2	0076	3G0	8\$ MINOR	0.5-	1
412.3	0077	5D\$	(5B6\$) 60:40	0.5-	1
420.9	0078	5B0	8\$	0.5-	1
421.2	0079	5D0	(5B0) 70:30	0.5-	1
426.2	0080	5B0	(10Q#CHL) 80:20	0.5-	1
432.2	0081	5D0	8\$ 84 (5C3) 95:05	0.5-	1

DDH: FAGA064 UTM-N: 905,777.0 UTM-E: 591,617.2 UTM-ELEV: 1,295.2 TOTAL DEPTH: 432.2 SECTION: W 108  
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYNTRY	S0 ANGLE	DIRECT	S1 ANGLE	DIRECT	S2 ANGLE	DIRECT	RFE	CDE	DHDC	SDC	PROCESS
FAGA064	0.0	13.7	PS2		0	0	0	0	70	230	0		1	1	1
FAGA064	0.0	21.9	PS2		0	0	0	0	85	230	0		1	1	1
FAGA064	0.0	30.1	CS2		0	0	0	0	83	230	0		1	1	1
FAGA064	0.0	37.4	CS2		0	0	0	0	80	230	0		1	1	1
FAGA064	0.0	49.0	CS2		0	0	0	0	85	230	0		1	1	1
FAGA064	0.0	55.7	PS2		0	0	0	0	90	230	0		1	1	1
FAGA064	0.0	61.7	CS2		0	0	0	0	74	230	0		1	1	1
FAGA064	0.0	72.8	PS2		0	0	0	0	70	230	0		1	1	1
FAGA064	0.0	76.5	PS2		0	0	0	0	75	230	0		1	1	1
FAGA064	0.0	85.6	PS2		0	0	0	0	83	230	0		1	1	1
FAGA064	0.0	92.8	CS2		0	0	0	0	80	230	0		1	1	1
FAGA064	0.0	100.2	CS2		0	0	0	0	90	230	0		1	1	1
FAGA064	0.0	109.4	CS2		0	0	0	0	90	230	0		1	1	1
FAGA064	0.0	115.2	PS2		0	0	0	0	80	230	0		1	1	1
FAGA064	0.0	124.0	PS2		0	0	0	0	78	230	0		1	1	1
FAGA064	0.0	128.9	PS2		0	0	0	0	90	230	0		1	1	1
FAGA064	0.0	133.1	CS2		0	0	0	0	70	230	0		1	1	1
FAGA064	0.0	140.8	CS2		0	0	0	0	76	230	0		1	1	1
FAGA064	0.0	148.7	CS2		0	0	0	0	73	230	0		1	1	1
FAGA064	0.0	154.2	PS2		0	0	0	0	78	230	0		1	1	1
FAGA064	0.0	159.4	PS2		0	0	0	0	80	230	0		1	1	1
FAGA064	0.0	167.3	PS2		0	0	0	0	80	230	0		1	1	1
FAGA064	0.0	175.5	PS2		0	0	0	0	80	230	0		1	1	1
FAGA064	0.0	181.0	PS2		0	0	0	0	37	230	0		1	1	1
FAGA064	0.0	184.4	CS2		0	0	0	0	60	230	0		1	1	1
FAGA064	0.0	192.6	CS2	D	0	0	0	0	70	230	0		1	1	1
FAGA064	0.0	205.1	CS2		0	0	0	0	70	230	0		1	1	1
FAGA064	0.0	211.3	CS2		0	0	0	0	70	230	0		1	1	1
FAGA064	0.0	214.5	CS2		0	0	0	0	70	230	0		1	1	1
FAGA064	0.0	223.1	CS2		0	0	0	0	90	230	0		1	1	1
FAGA064	0.0	231.6	PS2		0	0	0	0	87	230	0		1	1	1
FAGA064	0.0	237.1	CS2	D	0	0	0	0	78	230	0		1	1	1
FAGA064	0.0	243.2	PS2		0	0	0	0	76	230	0		1	1	1
FAGA064	0.0	252.2	CS2		0	0	0	0	77	230	0		1	1	1
FAGA064	0.0	259.9	CS2		0	0	0	0	83	230	0		1	1	1
FAGA064	0.0	268.8	CS2		0	0	0	0	75	230	0		1	1	1
FAGA064	0.0	275.8	PS2		0	0	0	0	85	230	0		1	1	1
FAGA064	0.0	281.9	CS2		0	0	0	0	80	230	0		1	1	1
FAGA064	0.0	296.5	PS2		0	0	0	0	65	230	0		1	1	1
FAGA064	0.0	302.6	PS2		0	0	0	0	75	230	0		1	1	1
FAGA064	0.0	310.2	CS2		0	0	0	0	76	230	0		1	1	1
FAGA064	0.0	314.2	CS2		0	0	0	0	70	230	0		1	1	1
FAGA064	0.0	320.3	PS2		0	0	0	0	80	230	0		1	1	1
FAGA064	0.0	324.6	CS2		0	0	0	0	66	230	0		1	1	1
FAGA064	0.0	326.1	CS2		0	0	0	0	85	230	0		1	1	1
FAGA064	0.0	328.8	CS2		0	0	0	0	60	230	0		1	1	1
FAGA064	0.0	334.9	PS2		0	0	0	0	83	230	0		1	1	1
FAGA064	0.0	340.9	CS2		0	0	0	0	71	230	0		1	1	1
FAGA064	0.0	347.7	PS2		0	0	0	0	74	230	0		1	1	1
FAGA064	0.0	353.5	PS2		0	0	0	0	74	230	0		1	1	1
FAGA064	0.0	359.9	PS2		0	0	0	0	75	230	0		1	1	1

DDH: FAGA064 UTM-N: 905,777.0 UTM-E: 591,617.2 UTM-ELEV: 1,295.2 TOTAL DEPTH: 432.2 SECTION: W 108  
 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
FAGA064	0.0	363.3	PS2		0	0	0	0	59	230	0		1	1	1
FAGA064	0.0	365.7	PS2		0	0	0	0	27	230	0		1	1	1
FAGA064	0.0	375.5	PS2		0	0	0	0	86	230	0		1	1	1
FAGA064	0.0	381.0	PS2		0	0	0	0	86	230	0		1	1	1
FAGA064	0.0	385.5	CS2		0	0	0	0	90	230	0		1	1	1
FAGA064	0.0	394.1	CS2		0	0	0	0	74	230	0		1	1	1
FAGA064	0.0	400.5	CS2		0	0	0	0	76	230	0		1	1	1
FAGA064	0.0	404.1	CS2		0	0	0	0	86	230	0		1	1	1
FAGA064	0.0	413.4	PS2		0	0	0	0	62	230	0		1	1	1
FAGA064	0.0	419.4	CS2	D	0	0	0	0	58	230	0		1	1	1
FAGA064	0.0	427.0	PS2		0	0	0	0	74	230	0		1	1	1

DDH: FAGA064 UTM-N: 905,777.0 UTM-E: 591,617.2 UTM-ELEV: 1,295.2 TOTAL DEPTH: 432.2 SECTION: W 108  
 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
FAGA064	6.4	28.6	2BT				0	0	0	1
FAGA064	29.8	30.7	2B				0	0	0	1
FAGA064	30.7	34.4	3BR	8			0	0	0	1
FAGA064	43.2	48.1	P?	1			0	0	0	1
FAGA064	61.5	66.0	2B				0	0	0	1
FAGA064	66.0	71.0	GR	7			0	0	0	1
FAGA064	71.0	80.4	2B				0	0	0	1
FAGA064	80.7	83.0	1B				0	0	0	1
FAGA064	0.0	120.3	RGQ				0	0	0	1
FAGA064	117.3	125.5	2B				0	0	0	1
FAGA064	145.6	148.7	RG	5			0	0	0	1
FAGA064	167.6	169.1	2BR				0	0	0	1
FAGA064	169.1	175.5	1B				0	0	0	1
FAGA064	175.5	176.6	3BR				0	0	0	1
FAGA064	176.6	182.8	3BR				0	0	0	1
FAGA064	182.8	183.7	2B				0	0	0	1
FAGA064	183.7	187.7	1BQ				0	0	0	1
FAGA064	187.7	188.8	1B				0	0	0	1
FAGA064	204.0	204.3	RG				0	0	0	1
FAGA064	205.8	206.1	RG				0	0	0	1
FAGA064	208.4	233.4	2BG				0	0	0	1
FAGA064	233.1	233.4	G				0	0	0	1
FAGA064	251.1	251.3	G				0	0	0	1
FAGA064	253.1	253.8	GT	4			0	0	0	1
FAGA064	263.6	263.9	G				0	0	0	1
FAGA064	261.9	265.1	3B				0	0	0	1
FAGA064	265.3	265.7	G				0	0	0	1
FAGA064	280.5	280.8	TRG				0	0	0	1
FAGA064	283.1	283.5	GR				0	0	0	1
FAGA064	316.7	320.8	2B				0	0	0	1
FAGA064	320.8	321.3	XQ				0	0	0	1
FAGA064	321.3	321.8	QX				0	0	0	1
FAGA064	0.0	322.9	1G				0	0	0	1
FAGA064	324.9	329.2	2B				0	0	0	1
FAGA064	331.8	331.9	1R				0	0	0	1
FAGA064	330.0	332.4	2B				0	0	0	1
FAGA064	338.0	338.6	RBG				0	0	0	1
FAGA064	344.9	356.3	2B				0	0	0	1
FAGA064	356.3	356.6	XG				0	0	0	1
FAGA064	360.5	360.8	3BR				0	0	0	1
FAGA064	360.8	362.4	GB	4			0	0	0	1
FAGA064	362.4	364.8	RG	7			0	0	0	1
FAGA064	364.8	366.6	2B				0	0	0	1
FAGA064	366.6	372.1	3BR				0	0	0	1
FAGA064	369.1	372.1	GR	2			0	0	0	1
FAGA064	372.1	374.9	3BR	9			0	0	0	1
FAGA064	374.9	379.7	3B				0	0	0	1
FAGA064	379.7	386.0	2BR				0	0	0	1
FAGA064	389.2	390.5	1B				0	0	0	1
FAGA064	391.3	393.1	R	3			0	0	0	1
FAGA064	394.1	395.6	R	8			0	0	0	1

DDH: FAGA064 UTM-N: 905,777.0 UTM-E: 591,617.2 UTM-ELEV: 1,295.2 TOTAL DEPTH: 432.2 SECTION: W 108  
 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	
FAGA064	395.6	398.6	P		8		0	0	0	0	1
FAGA064	0.0	400.5	C				0	0	0	0	1
FAGA064	401.1	401.3	B				0	0	0	0	1
FAGA064	406.9	407.5	RG				0	0	0	0	1
FAGA064	407.5	408.7	B				0	0	0	0	1
FAGA064	408.7	409.0	G				0	0	0	0	1
FAGA064	409.0	410.2	2B				0	0	0	0	1
FAGA064	410.2	412.3	2B		8		0	0	0	0	1
FAGA064	412.3	418.1	2B				0	0	0	0	1
FAGA064	418.1	419.1	3BR		6		0	0	0	0	1
FAGA064	419.1	420.9	2B				0	0	0	0	1
FAGA064	421.8	423.3	3BR		6		0	0	0	0	1
FAGA064	423.3	425.1	3BR		3		0	0	0	0	1
FAGA064	425.1	426.2	3B				0	0	0	0	1
FAGA064	426.2	426.7	3B				0	0	0	0	1
FAGA064	426.7	428.5	3BG		6		0	0	0	0	1
FAGA064	428.5	429.7	3B		5		0	0	0	0	1
FAGA064	429.7	432.2	3BR		3		0	0	0	0	1

DDH: FAGA064 UTM-N: 905,777.0 UTM-E: 591,617.2 UTM-ELEV: 1,295.2 TOTAL DEPTH: 432.2 SECTION: W 108  
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH SEGMENT NOS COND INDICATOR

FAGA064	1	2
FAGA064	2	2
FAGA064	3	2
FAGA064	4	2
FAGA064	5	2
FAGA064	6	2
FAGA064	7	1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: FAGAD64

Fabric Orientation Diagram:

Project: GRUM RE-LOG

Location: VANGORDA PLATEAU

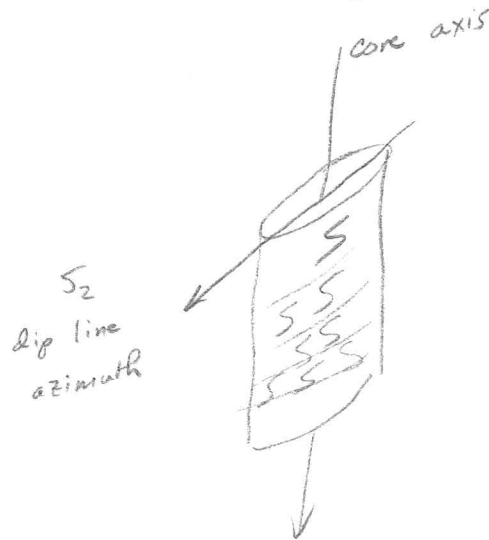
Claim: CHUCK 6

Terr. Plane  
Co-ords.: 6905776.9669 N

1979 H/W  
Survey

591617.2159 E

Grid  
Co-ords.: 107+96W / 8+00N



All symmetry determinations looking

NW with S<sub>2</sub> dipping

SW with dip azimuth 230°.

Total Depth: 1418 feet

Purpose: \_\_\_\_\_

Logged by: KCP GAI

Date(s) Logged: Aug 14, 1983

Drilling Contractor: \_\_\_\_\_ Core: \_\_\_\_\_ Size \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_ Collar Cased and Capped: \_\_\_\_\_

BQ  
\_\_\_\_\_  
\_\_\_\_\_

Started: June 4, 1975 Completed: June 15, 1975

Drilled to 551' in 1974  
Dec 5, 1974 - Dec. 12, 1974



DDH FAGAO64  
 2 8  
 FEET

Cyprus Anvil Mining Corp.  
 Lithologic Log

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Date: 14 Aug 88 Logged By: LCP/GAJ

Code	From	To	Recov.	No.	Unit	Description					
	10	14	16	20	22	24	26	28	30	34	35
L	00	310		1	#	overburden					
L	210	939		2	SBO	good to moderate <sup>lithons</sup> with local ps <sub>2</sub> loss calc sections with poor lithon. development; top loss calc than lower <sup>1/2</sup> py > po porphs - both present po tend to be smaller.					
						core is moderately broken to poker-chippy - good recovery					
L	939	980		3	SBB	→ <sup>SEO</sup> good calc & 2 bands last 1' is mainly calcite with thin micaceous folia → SEO intact					
L	980	2020		4	SBO	as unit 2 for lithons of py/po from TOI to 101 = core well broken 101-113 = v. broken locally rubble w/ no gorge - 2' lost 113-142 = n intact 142-158 = 2 1/2' of core with no breakage above normal no rubble no gorge, no calc looks like drillers threw core away - (see other portion of this hole from 73-226 at end of log which shows intact core there - another great Anvil Range Mystery) 158-202 = n intact					
L	2020	2640		5	SBO	§ increases toward fault zone from both directions medium grey phyllite clots w/ this weather tan.					

Code	From	To	Recov.	No.	Unit	Description						
	10	14	16	20	22	24	26	28	30	34	35	
												calcite more common in coarser sst. @ 6m & 8'
												calc more common in finer acls.
												202 - 216.6 = moderately to locally, strongly broken
												no gauge good recovery
												216.6 - 233.0 = gauge & rubble with larger
												pieces of core @ 223 - 229; ~ 70-80% recovery
												overall in unit - fault zone is IND;
												py frags in gauge look like derived from
												porphs or 109
												233 - 264 = moderately broken but OK out of fault zone
L	264	264.9		6	SEP							in fold of ~ 3" thick light grey limestone. - (nose of this
												lithology 1.5' below FOI + maybe some more at ~270')
												intact
L	264.9	271		7	SBDP							as #5, slightly broken
L	271	372.5		8	SBDP							good lithons, no porphs > py porphs
												\$ most strongly developed from ~317 - ~330 centered
												around vuggy fracture at 324
												core is a little broken - good recovery, no faults of
												importance.
L	372.5	374.7		9	SDDP							mainly in gtz calc veins & \$ = fissure small specks in matrix
												unit is greyish green; intact

Sample for Conclusions

Code	From	To	Recov.	No.	Unit	Description
L 37H7	3850	3850		10	SBP	good grt calcite with bands of good lithons; porphy porphy.
L 3850	4120	4120		11	SBP	SDO as 5-15 cm bands distributed throughout unit with sharp S1 or S2 contacts - good halo of greening for 6" below SD 6" thick at 404' - porphy porphy in SB
L 4120	5500	5500		12	SBP	core weakly broken local rubble zone assoc with gr vein at 395, in general good recovery, no faults
L 4120	5500	5500		12	SBP	±\$ minor
L 4120	5500	5500		12	SBP	±\$ is for dolomite together with best development of dol in fine grained and thin light colored bands which are lower wave length lithons (i.e. thiner lithons measured across S2) same situation as noted above → this development of dol is best from 442-500 which is centered around a gorge and rubble zone from 478-488 where there is 5' of core lost - remainder of unit is intact & strongly broken but no <sup>slightly</sup> gorges or faults. Unit appears to be broken down into.
L 5500	5550	5550		13	100#	CL (S26)
L 5500	5550	5550		13	100#	SB6 since no lithons bit within range of bounding units Note hole reentered at WSS1' also boxes start over at box #1 - presumed to indicate deepening of hole at later time.
L 5500	5550	5550		13	100#	moderately broken to rubble but good recovery, not far H related

Code	From	To	Recov.	No.	Unit	Description
	10 14 16	20 22 24	26 28 30	34 35		
L	5550	5759		14	S1B0	moderately well developed lithons po porphyro dominant but some py intact to moderately broken 574.5 - 575 is a steep gte calcite filled fracture with rotated S <sub>2</sub> foliated phyllite clasts - nll to CA associated with py & minor galena & sphal. - how exciting!
L	5759	5794		15	1P00#9	chl with py gal sphal (SD0 [4467]) 50:50 4L/SD is a homogeneous pale green phyllite which locally is like SD but some could be either associated with gte vein - gte vein appears to make very small angle with core axis core is very broken to rubble with some ground core at 578' - only minor core loss
L	5794	616		116	S1B0	moderately to poorly developed lithons 579.4 - 600 very broken core with rubble and short py intervals - S <sub>2</sub> locally steeper than normal & folded also local gte calc veinings    to core axis NB 592-595 is intact 600-603 S <sub>2</sub> sub    to core axis <sup>folded</sup> with moderately broken core 603-FOI moderately broken to intact core with minor gte calcite py sphal veins at ~10° to CA

Code	From	To	Recov.	No.	Unit	Description
	10 14 16	20 22 24 26 28 30 34 35				
L	616	619.6		17	SBO	(SDO) 95:5 SDO seams or less bands - 2 of them with contacts 11 to 5, minor ps porphy in SB - poor lithons in SB core is slightly broken to intact
L	619.6	621.5		18	SDO	(SB80) SB80 is 15' cum in foliated band @ 620' SD is <sup>homogeneous</sup> speckled but contains the usual gte calcite bands. intact
L	621.5	682.3		19	SBO	minor 8 Greenstone on SB80 boundary - greenest where with best lithons which is around 645-655' - green portion as usual for SB8 is in phyllitic bands core little broken but 669.5-670.5 is rubble with incipient <del>gauge</del> seams to be related to an insignificant <sup>steep</sup> fault another @ 675.5-676.2
L	682.3	684		20	SDO	intact
L	684	803.5		21	SBO	±8 Moderate to good lithons; ±8 is for greener sections within unit which is wholly a little green. core is moderately broken with local incipient minor gouges, largest gauge is at 765-766; intact below 766' no significant faults
	803.5	809.7		PP	SBO	without lithons mostly ps, foliated - just added as a unit to break the monotony - grey compared to bracketing greener units - intact local trace gauge.

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	809.7	859.5		23	SB08	(SDO) 95:05 identifiable SDO as up to 6" bands dominantly from 854 to FOI; good lithons in SB - SB is green but retains grey S <sub>2</sub> folia core generally, a little broken to intact - gauge @ 824-824.5 IND and 830.5-833 probably 1' lost in that gauge & paper chip zone also IND.
L	859.5	870		24	SB0	weakly calc with poor lithons as unit 22 - greyer than bounding units also. unit is very broken with gauge from 865-866 1' of core lost probably in that gauge.
	870	875.8		25	SB80	(SDO) 90:10 1 6" band of lighter yellowish green SD 870-870.5 = intact 870.5-872 = IND gauge may // S <sub>2</sub> but could be drilling artifact below gauge are fractures at 20/180 and other orientations
L	875.8	879.4		26	SD9	good gte calc bands - the homogeneous as opposed to color laminated but not speckled variety - intact
L	879.4	886.5		27	SB83	micaceous portions are medium green with slight grey tint on S <sub>2</sub> folia - calcite bands very prominent but // S <sub>2</sub> not as lithons - unit is intact. several micro faults of diverse orientations

Code	From	To	Recov.	No.	Unit	Description
L	8865	9205		28	SDO	(SB80) ~50/50?? difficult to find contacts or proportions are?able. dominantly SB80 in top 1/2 dominantly SDO in lower 1/2 - where have I seen this before? (hint: SEH)
L	9205	9278		29	SB0	±8 minor ±\$ very minor over top. top 1" polar chippy with minor rubble gauge. otherwise intact
L	9278	9326		30	SB20	(SDO) 90:10 SD as 1" or less sharply banded S <sub>2</sub>    bands (11 to S <sub>1</sub> in O <sub>2</sub> layers) 929-930.3 = gauge and rubble with fracture cutting S <sub>2</sub> at 20° to CA below thrust zone → steep fault in gauge zone ???
L	9326	9459		31	SDO	±\$±4 (SB80) 95:5 ±\$±4 = 1.5" interval at TOI also some \$ at 937 for 6" associated with fracture, intact
L	9459	9475		32	SB80	intact - cut by gto calc healed fractures at 20° to CA
L	9475	963		33	SDO	(SB80) (SB02) 20% interbanded on 6" to 1" scale - difficult to tell SD from SB8, have essentially variations in shades of green. SB02 contacts are faulted on microfaults at 60/160 ± 80% green/20% gray core intact - minor rubble at FOI Note: 920-963 could be carbonaceous/tuff "marker" on section 88W

note 1 steep post S<sub>2</sub> gto calc veinlet though a bio  
rich zone has a 1/2" selvege that is non biotite bearing

DDH FAG0064  
2 8Cyprus Anvil Mining Corp.  
Lithologic LogPage 10 of \_\_\_\_\_

Date: \_\_\_\_\_ Logged By: \_\_\_\_\_

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	9530	9704		34	SDO	
						homogeneous speckled variety; intact
L	9704	9722		35	SB80	
						intact
L	9722	9759		36	SDO	
						speckled - some calc + gtz banding; intact
L	9759	9772		37	SB80	
						intact
L	9772	9839		38	SDO	(SB80) 70:30
						contacts obscure - based on grey <sup>SB8</sup> greenish opposed to yellow green SD and on <sup>quartz mica content</sup> lithons* in SB8, 6" - 1.5' thick interbands, intact
						* not to be confused with the white gtz calcide bands in lithons - those are mainly mica but lithons near the loss.
L	9839	9942		39	SB80	(SDO) 95:5
						SD as thin bands near 993' as thin bands to 2" thick SB8 folia have slight grey tinge - SB8 has calc gtz bands which are like the typical bands in SDO rather than <sup>thso in</sup> SB0; intact
L	9942	9965		40	SDO	(SB80) 70:30
						intact
L	9965	10016		41	SDO	bio (SB80) bio
						hornfelsed looking botitic green calcareous phyllite - calcite restricted to discontinuous bands generally in less botitic areas, interbanded green & brown on 6" or so scale -

like "calc silicate fault" in A86 @ 1025' - however while this section is cut by healed fractures there is no fault bxa like that seen in A86

Code	From	To	Recov.	No.	Unit	Description
L10392	10392	10392		42	S1350	bio (500) fr upper portion of interval ps foliated - good microolithons below 1017 - all of unit is moderately carbonaceous at least, bio developed locally, lower contact is gradational, intact unit cut by gtz calc breccia fractures at 25-30/100 ± but no calc breccia seen. Bio locally shows preference for areas rich in post & fractures.
L10392	10392	10392		43	S1365	moderately bed medium gray phyllite with poorly developed lithons - calc "st" bands are dark gray - last 1' is S1364 in alteration halo assoc. with underlying unit. can be moderately broken - cut off by micro breccia matrix in fractures - cemented by ste+calcite+pyrite
L10526	10526	10526		44	H04	first 0.7' is siliceous breccia with clasts of gtz and phyllite with stringers and minor sphal + galena in matrix between clasts - grades down to gtz with a fracture network of stringers bearing sphal and galena with minor py - could be a metam vein but not of all sure. - split but originally intact.
L10544	10544	10544		45	S1361	is cut by a fracture network with calc gtz and/or siliceous, very bed, finely laminae/foliated phyllite which split but intact originally - if interpreted to be 44 then its a type of 44 with gtz by bands

[400]  
See assays

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	10559	10575		46	(HDP)	(SC\$) uppermost 0.2' is SC\$ fuchite remainder of unit is offwhite gtzite with <sup>v. thin</sup> stringers of sphul + galena mainly along S - split but originally intact
L	10575	10597		47	SC\$ ±4	not split - fuchite bearing - mainly grey with some chl left - has typical SC mottled texture (not mottled on folia but on surf.) - overlying unit may be altu halo. lower contact sharp - no altu noted.
L	10597	10623		48	HA01 [SB6219]	silicous v dark grey phyllite with <sup>thin and sparse</sup> poorly developed <sup>high</sup> gtz + Kfido bands separated by darker grey finer gtz + mica + carbon bands which are similar to the dark bands typical of 4A but for the fact that they too are thinner (anal to GAT more compositionally segregated than is normal) ~7% but S = py >> sphul - (similar in GAT's mind to stasy 4A developed atop upright panel locally and on top of baritic cycles seen elsewhere - also acceptable as distal 4A but I'm bothered by the possibility that this could be silicified country rock before metamorphism i.e. weasel rock) lower contact is gradational - split originally intact but for minor <sup>90% near to E with maybe 1' of core lost there</sup>
1P	6R3	10630		149	SD41\$ (405)	80:20

4C0  
see assays

sphul galena and py - split but originally intact - 405 as 1" halos on either side of SD

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L10630	10660			S0	HAD	as unit 48 - lower contact is gradational due to downward decrease in gtz sulfide bands and increase in proportion of soft micaceous partings separating light gteose bands presumed to be gtz sstn. laminae - underlying unit is just as carbonaceous as this interval gtz sulfide bands have minor po towards FOI
L10660	10803			S1	3GP	±9 with gteose lithons local gte sulfide bands toward top ±9 in top 6' - scattered minor po assoc w gteose bands locally moderately broken due to Fracture 11 to CA - no significant faults -
L10803	10830			S2	3B\$	±4 intact - homogeneous, grey to pale green not beige but close
L10830	10906			S3	3GP	(3B\$) 95:5 3B as 8" band at 1088' ± 1" at 1089 v. minor chl po ± gtz stringers in places core moderately broken with minor rubble 1088.6-1089 no signif faults
L10906	10935			S4	3B3	intact
L10935	10983			S5	3GP	±8 minor (3B3) 95:5 v weak stringers chl + po ± gte - 3B3 as thin intubands near FOI
L10983	11046			S6	3B3	±610 (3B8) minor intact

is this the dygmatic??

compare to ex core at 1000' is this the Heming equivalent??

Code	From	To	Recov.	No.	Unit	Description
L	11046	11130		57	368	<sup>minor</sup> $\pm 60$ (383 $\pm$ \$) 90:10 1' of 38 @ 1109 and smaller bands $\approx 2''$ scattered sparsely through remainder of interval. sparse patchy stringery bio in 368 also as selvages to gte chl(?) stringers (also sparse 36 stringed) rubble and broken <sup>immature</sup> core from 1109-1111 opposite contact $\approx 55^\circ$ cutting $S_2$ lower contact IND remainder of unit is intact - the phyllite here is light green
L	11130	11130.3		58	383	bio bio dissem thru matrix of phyllite
L	11303	11318		59	368	lower contact gradational and arbitrary through green/grey transition
L	11318	11763		60	360	minor intervals of slightly dolo gte ssta bands locally weakly stringed with gte chl po py mainly X cutting $S_2$ - lower contact gradational into generally lighter grey core and broken <sup>butok</sup> to 1169 1169 - 1170 is BXA and gouge BXA in upper $\frac{1}{2}$ and has shear folia at $\approx 55^\circ$ - reminds us of fault BXA in A86 but a lot smaller! 1170 - 1176.3 is intact

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	1176.3	1197.0		61	3646	weak stringed (4L74) 70:30 unit varies between pale grey phyllite and more attened pale calcareous phyllite. Both have minor po in stringers with some sphal (more of latter in 4L) 4L increases in abundance down. 1176.3 - 1183.0 = intact 1183 - 1184 = v. broken to rubble 1184 - 1189 = gorge + broken core IND, 2' recovered, drillers indicate mud washed away 1189 - 1197 = rubble with 10-15cm gorges - 2' of core lost.
L	1197.0	1203		62	3696 ±1	sphal ≈ po tot S ≈ 5% interval is moderately broken S <sub>2</sub> is steeper than normal and locally kinked perhaps suggesting that above fault is not N5. ±1 is because of alternation phyllitic + gtrase + sulfide bands
L	1203.0	1221.0		63	4L74 G weak	po sphal stringers N5 <sub>2</sub> generally but locally easting; entire unit is very broken with incipient gorge + rubble 1211 - 1221 have 1.8' recovered with mud washout indicated by drillers
L	1221.0	1240.3		64	360	v. weakly stringed stringers are ch1 gr py dolo + v. minor sphal - most stringers cut S <sub>2</sub> or few parallel it. 1221 - 1230 = core v. broken to rubble 1221 - 1230 has 1' of core lost 1230 - 1240.3 = v. broken

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	12403	12460		65	4L76	weak upper; lower contact gradational - unit has ch' po gtz stringers generally 11 S <sub>2</sub> v. broken but recovery ok
L	12460	12665		66	3SP	med grey phyllite locally with some gtzose bands 11 S <sub>2</sub> - some v. fine po: py in gtz bands unit moderately broken with local rubble + v. minor incp gtz - good recovery - no faults of importance last 11' is split
L	12665	12772		67	4A07	±4 ±\$ minor increasingly good 4A with depth (top like 4A uphole i.e. slouisy) 7 for minor po with py - unit split originally intact tot S = ~10% py:1-2x sphal >> po, upper contact gradational
L	12772	12813		68	10P\$	minor trace sphal, 4A fragments scattered sparsely through unit mostly not split - slightly broken recovery ok
L	12813	13078		69	4A4	now this is good 4A tot S = 15-20% sphal = 2-1 x py, minor galena split, rubble from 1284-1290 + 1293-1298 otherwise 30-50% recov ↑ ~80% recov ↑ may have been originally intact but heavily cut by gtz veins x bedding S <sub>2</sub> 1295-1308 looks ok but has 2' of core missing perhaps

adjacent to rubble zone above 1298 →

Code	From	To	Recov.	No.	Unit	Description						
1	10	14	16	20	22	24	26	28	30	34	35	
L	13078	13140		70	SB26\$9	medium dark gray phyllite with dolo + gtz bands and gtz py bands as in 4A which emphasizes the gradational nature of this lithology with 4A and opens the usual obnoxious questions as what that gradation means - unit little broken good recovery - unit has 50% 100\$ in upper portion which obscures contact relations with overlying 4A. few inches of sand at 1314 appears to be cave with no relation to faults in this interval						
L	13140	13160		71	SD4\$	grey mottled rather than totally bleached - minor fuchite - intact						
	13160	13169		72	SA6\$	(SD4\$) 60:40 SD4\$ in 1" or so interbands with contacts subll to S <sub>1</sub> & sharp, broken but recvy OK						
L	13169	13197		73	SD4\$	good dissem dolo. chombs. intact						
	13197	13216		74	SA6\$	(SC3) (SD4\$) 50:50:tr unit is SA6\$ with thin SD4\$ bands as unit #72 interbedded with SC3 like #71 but calcareous → seem to have infolds of SC. ; intact						
	13216	13229		75	SA6\$	both lower contact, // S <sub>1</sub> & transposed in to S <sub>2</sub> on the scale of a piece of RD core ; intact						

Code	From	To	Recov.	No.	Unit	Description
L	1322.9	1346.0		76	360	±\$ minor medium grey moderately soft phyllite - ps <sub>2</sub> foliated with moderate development of micaceous lithons, minor gneiss bands with some dols. intact to 1335 1335-1337 = rubble with minor incipient gneiss strong fracturing @ 20-30° to CA 1337-1341 = slightly broken 1341-1342 = gneiss and sand may be some core loss here 1342-1346 = moderately to strongly broken minor incipient gneiss.
L	1346.0	1353.0		77	SD\$	(586\$) 60:40 SD as 1-1.5' thick interbands core is moderately to very broken 1346-1352 have 2' lost but no indication of where.
L	1353.0	1381.2		78	580	±\$ \$ for interval above 1360' below that calc. to is dominant Poorly developed lithons, mainly ps <sub>2</sub> foliated - no bio visible local minor green mineral in lithons but not well developed 1353.0 - 1372 = mod to strongly broken 1372 - 1375 = v. broken local rubble no gneiss but 1' of missing core 1375 - 1381.2 = only moderately broken Looks like Vanguarda formation

Code	From	To	Recov.	No.	Unit	Description						
1	10	14	16	20	22	24	26	28	30	34	35	
L	13812	13820		79	SDO	(530) 70:30 OINK! OINK! sharp contacts // S <sub>2</sub> intact.						
L	13820	13986		80	530	(100# chl) 80:20 weakly calcareous, lithon poor - core ls v. broken to rubble 1384-1389 have 2' of core loss 1389-1395 have 4' of core loss with 1WD gorge at end. 1395-1398.6 is very broken but no gorge						
L	13986	1418		81	SDO	±\$±4 (SC3) 75:5 ±\$±4 for the interval below 1410' SC @ 1405' for 6" good color banding like SD field locally 00 is SF unit very broken with minor incip gorge recovery ok to 1400 1400-1406 have lost ~2-3' gorge at end 1406-1410 have lost 2' v. broken through 1410-1418 have lost 5½' rubble at end some chl mottled SD at end						
						1418 = FOH !!!						

###

Do Not  
ENTER IN  
DATA BASE

DDH FAC064 FALSE START  
2 8

Cyprus Anvil Mining Corp.  
Lithologic Log

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Date: \_\_\_\_\_ Logged By: LEP/CAJ

Code	From	To	Recov.	No.	Unit	Description						
1	10	14	16	20	22	24	26	28	30	34	35	
												to 73' see previous - at 73' the rods deflected and 73'-223' was redrilled and logged as FAC064 - The log for the original portion of hole follows:
												a little broken but OK
	936	970										intact
	970	2230										mod broken to 100'
												100'-122' is poker chippy
												122 - 151.3 is intact
												151.3 - 152.0 = 100 bxa with phyllite frags ≠ major fault, intact
												152.0 - 170 = intact
												170 - 208 = moderately to locally very broken.
												208 - 209 = phyllite chips to gauge - cuttings mainly
												209 - 217 = v. broken with 40% recovery minor rubble but no gauge
												217 - 223 = v broken 60% recov.
												<del>do not enter in data base</del>

Structural Log

Code	From				To				Feature	S <sub>0</sub> Dip Direct.	S <sub>1</sub> Dip Direct.	S <sub>2</sub> Dip Direct.	Description	
	10	14	16	20	22	24	26	28						32
S				450				PSZ				70	2130	near C
S				720				PSZ				85		near C
S				990				CSR				83		
S				1230				CSR				80		→ P
S				<del>1525</del>										
S				11610				CSR				85		
S				11830				PSZ				90		
S				121025				CSR				74		
S				12615										
S				12390				PSZ				70		
S				2511				PSZ				75		
S				281				PSZ				83		
S				3045				CSR				80		
S				329				CSR				90		
S				359				CSR				90		±
S				378				PSZ				80		'
S				407				PSZ				78		
S				423				PSZ				90		
S				437				CSR				70		
S				460				CSR				76		
S				488				CSR				73		
S				506				PSZ				78		
S				5230				PSZ				80		→ C
S				5490				PSZ				80		→ C
S				5760				PSZ				80		
S				5940				PSZ				37		in fault zone.
S				6050				CSR				60		
S				<del>632</del>				CSR D				70		
S				6730				CSR				70		
S				6935				CSR				70		
S				7040				CSR				70		
S				732				CSR				90		
S				760				PSZ				87		
S				778				CSR D				78		
S				798				PSZ				76		
S				8275				CSR				77		

Structural Log

Date: \_\_\_\_\_ Logged By: \_\_\_\_\_

Code	From				To				Feature	Sym	S <sub>0</sub>		S <sub>1</sub>		S <sub>2</sub>		Description
	10	14	16	20	22	24	26	28			32	34	38	40	44		
S				8.53	0			CSZ						8.3	2.30		
S				8.82	0			CSZ						7.5			
S				9.05				PSZ						8.5			
S				9.25				CSZ						8.0			
S				9.48				PSZ									
				<del>9.68</del>				<del>PS</del>									
S				9.73	0			PSZ						6.5			
S				9.93	0			PSZ						7.5			
S				10.18	0			CSZ						7.6			→ P
S				10.31	0			CSZ						7.0			→ P
S				10.51	0			PSZ						8.0			
S				10.65	0			CSZ						6.6			
S				10.70	0			CSZ						8.5			
S				10.79	0			CSZ						6.0			
S				10.99	0			PSZ						8.3			
S				11.18	5			CSZ						7.1			
S				11.41	0			PSZ						7.4			
S				11.60	0			PSZ						7.4			
S				11.81				PSZ						7.5			→ CS <sub>2</sub>
S				11.92				PSZ						5.9			
S				12.00				PSZ						2.7			→ CS <sub>2</sub> in fault zone.
S				12.32				PSZ						8.6			
S				12.50				PSZ						8.6			
S				12.65				CSZ						9.0			
S				12.93				CSZ						7.4			
S				13.14				CSZ						7.4			
S				13.26				CSZ						8.6			→ P
S				13.56	5			PSZ						6.2			
S				13.76				CSZ D						5.8			
S				14.01				PSZ						7.4			

A64

FEET

cribbed from K-A assays

DDH FAGAD64 Cyprus Anvil Mining Corp

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Logged by \_\_\_\_\_

ASSAY LOG (SAMPLER'S COPY)

Date \_\_\_\_\_ Sampled by \_\_\_\_\_

CODE	FROM		TO		SAMPLE		INTR.		REC (m)		UNIT		DESCRIPTION
	10	14	16	20	22	26	28	30	32	34	36	40	
P	11015	125	11015	170	91210	154	145	145	1410	1410			K-A #
P	11015	193	11016	160	91210	155	167	167	1410	1410			K-A #
P	11211	110	11212	110	91210	156	110	120	1410	1410			
P	11216	152	11217	100	91210	157	148	148	1410	1410			
P	11217	100	11217	170	91210	158	170	170	1410	1410			
P	11218	125	11218	185	91210	159	160	135	1410	1410			
P	11218	185	11219	135	91210	160	150	150	1410	1410			
P	11219	135	11219	185	91210	161	150	150	1410	1410			
P	11219	185	11310	135	91210	162	150	150	1410	1410			
P	11310	135	11310	185	91210	163	150	140	1410	1410			

A-64      LATITUDE: 11589.36      AZIMUTH: 0.00  
 LENGTH: 432.21      DEPARTURE: 6945.43      DIP: -90.00  
 ELEVATION: 1305.76

PTS:	DEPTH	DIP	AZIMUTH
	60.96	-86.00	152.20
	121.92	-81.30	152.20
	182.88	-73.25	136.50
	243.80	-63.30	144.20
	304.80	-66.00	134.20
	350.52	-71.30	142.20

SERVAL TO	ASSAYS			
	PB %	ZN %	AG GM/TON	
320.80	N/A	N/A	N/A	92054
322.17	.85	1.68	7.20	
322.87	N/A	N/A	N/A	92055
324.92	1.13	1.80	15.08	
369.11	N/A	N/A	N/A	92056
372.16	1.10	2.34	15.08	
385.63	N/A	N/A	N/A	92057
387.10	1.43	2.58	15.08	
389.23	1.33	2.40	15.08	92058
390.91	N/A	N/A	N/A	
392.73	1.70	2.88	18.17	92059
394.26	2.50	6.42	29.14	
395.78	3.60	8.77	51.42	92060
397.31	2.13	5.25	39.42	
398.83	1.63	4.80	25.37	92061
400.31	N/A	N/A	N/A	
401.83	N/A	N/A	N/A	92062
403.31	N/A	N/A	N/A	
432.21	N/A	N/A	N/A	92063

FEET!

FAULT

DDH F.A.G.A.O.64  
2 8

Cyprus Anvil Mining Corp.

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Structural Log

Date: \_\_\_\_\_ Logged By: \_\_\_\_\_

Code	From			To			Feature	S <sub>1</sub> m	S <sub>0</sub>		S <sub>1</sub>		S <sub>2</sub>		Description
	10	14	16	20	22	24			26	28	32	34	38	40	
F	121	0	1913	9	213	IT									Mod. brken to paker chippy - good recovery
F	1918	0	1101	0	218										Mod. brken
F	1101	0	1113	0	318	R8									83% recov. v. brken - locally rubbly - no gouge
F	1141	20	11518	0	?	?	?	1							16% recovery - no gouge, no cave, no rubble - core is just missing - another MYSTERY
F	1210	12	12116	6	218										mod. brken to locally v. brkn - no gouge - good recovery
F	12116	6	121313	0	618	7									gouge & rubble w/ larger pieces of core 223-229' 70-80% recovery - gouge IND
F	121313	0	121614	0	218										Mod. brken, recovery OK - out of fault zone
F	121614	9	121712	5	118										Slightly brkn - good recovery
F	1318	15	0	14112	0	218									Mod. brkn - good recovery - no faults
F			1319	15	0	RIG10									rubble & gouge ass. w/ qtz vein
F	1417	18	0	14188	0	RIG1	5								50% recovery, rubble & gouge - intact to v. brken away from gouge zone - recovery OK
F	1515	10	0	151515	0	218	R								mod. brken to rubbly - recovery OK - no faults
F	1515	15	0	151715	9	118									intact to mod. brken
F	1517	15	9	151719	4	318	R								very brken to rubbly - ground core @ 578'
F	1517	19	4	1610	0	0	318	R							v. brken w/ rubble & short gouge intervals - S <sub>2</sub> locally steeper than normal & local qtz veining    Core axis
F	1610	0	0	16103	0	218									Mod. brken - S <sub>2</sub>    core axis
F	1610	3	0	16116	0	118	Q								Mod. brken to intact w/ minor qtz-cc-py-sph veins

10° / C.A.

FEET

DDH F.A.G.A.O.64  
2 8

Cyprus Anvil Mining Corp.

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Structural Log

Date: \_\_\_\_\_ Logged By: \_\_\_\_\_

Code	From			To			Feature	S <sub>1</sub> M	S <sub>0</sub>		S <sub>1</sub>		S <sub>2</sub>		Description
	10	14	16	20	22	24			26	28	32	34	38	40	
F	1611	160		1611	196		1B1								Slightly broken to intact
F	1616	195		1617	05		5RIG								Rubby w/ incipient gouge - related to minor steep fault
F	1617	55		1617	62		RIG								Rubby w/ incip gouge - related to minor steep fault
F	1618	140		1716	160		21B1G								Mod broken w/ local incipient gouges
F	1716	150		1716	160		G1								largest gouge in above zone
F	1812	40		1812	45		G1								IND gouge
F	1813	105		1813	130		G1T 4								IND gouge & paker chippy
F	1815	195		1817	00		31B1								Very broken
F	1816	150		1816	160		G1								Gouge
F	1817	105		1817	120		G1								IND gouge - may be 11S <sub>2</sub> fractures below gouge at 20/180 & other orientations
F	1912	105		1912	115		5TIRIG								paker chippy w/ rubble & gouge
F	1912	190		1913	103		G1R1								gouge & rubble w/ fracture cutting S <sub>2</sub> @ 20° C.A.
F	1101	319	2	1101	512	6	21B1								Mod. broken - unit cut by microveinlet network of fractures healed by qtz-cc-py first 0.7' is siliceous BXA - qtz & phyllite clasts w/ stringers of po, sph, ga Grades down to qtzite w/ fracture network of stringers bearing sphal, ga, py cut by fracture network which grades into bxa in lower part of unit
F	1101	512	6	1101	514	4	X1Q1								Minor gouge
F	1101	514	4	1101	515	9	Q1X1								Mod. broken due to fractures 11 C.A. - no major faults
F	1101	519	7	1101	519	7	11G1								Mod. broken
F	1101	616	0	1101	810	3	21B1								Minor rubble
F	1101	813	0	1101	910	6	21B1								rubble, broken core & minor gouge
F	1101	818	6	1101	819	0	11R1								Lower contact IND
F	1111	109	0	1111	111	0	R1BG								upper contact cuts S <sub>2</sub> - 55° C.A.

FEET

DDH F.A.G.A.O.6.4  
2 8

Cyprus Anvil Mining Corp.

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Structural Log

Date: \_\_\_\_\_ Logged By: \_\_\_\_\_

Code	From			To			Feature	S <sub>1</sub> M	S <sub>0</sub>		S <sub>1</sub>		S <sub>2</sub>		Description
	10	14	16	20	22	24			26	28	32	34	38	40	
F	11131	8	111619	0	21B										Mod. broken but recovery OK
F	111619	0	11170	0	X1G										bxa and gauge - shear flow no bxa @ 55° C.A.
F	111813	0	11184	0	31BR										v. broken to rubble
F	11184	0	11189	0	G1B	4									40% recovery gauge & broken core Drillers indicate mud washed away
F	111819	0	11197	0	R1G	7									rubble w/ 10-15 cm gauges 75% recovery
F	11197	0	11203	0	21B										Mod. broken - S <sub>2</sub> steeper than usual & kinked - above fault not // S <sub>2</sub> ?
F	11203	0	11221	0	31BR										very broken w/ incipient gauge & rubble
F	11211	0	11221	0	G1R	2									mud washed indicated by drillers
F	11221	0	11230	0	31BR	9									v. broken to rubble
F	112310	0	11246	0	31B										v. broken
F	112416	0	11266	5	21BR										mod. broken w/ local rubble & gauge - good recovery - no major faults
F	11277	2	11281	3	11B										Slightly broken - recov OK
F	11284	0	11290	0	R1	3									rubble 30-50% recovery
F	11293	0	11298	0	R	8									rubble 80% recovery heavily cut by gtz veins X-cutting S <sub>2</sub>
F	11298	0	11308	0	P1	8									80% recovery - perhaps adjacent to above rubble?
F			11314	0	G										few inches of sand appears to be core w/ no relation to faults
F	113116	0	113116	9	B										broken - recovery OK
F	113135	0	113137	0	R1G										rubble w/ minor incip gauge strong fracturing 20-30° C.A.
F	113137	0	11341	1	B										Slightly broken

1 FEET!

DDH FAG.064  
2 8

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Structural Log

Date: \_\_\_\_\_ Logged By: \_\_\_\_\_

Code	From			To			Feature	SYM	S <sub>0</sub>		S <sub>1</sub>		S <sub>2</sub>		Description
	10	14	16	20	22	24			26	28	Dip	Direct.	Dip	Direct.	
F	113141	0	113142	0	G	1									gauge & sand
F	113142	0	113146	0	2B										Mod. to v. broken - minor incipient gauge
F	113146	0	113153	0	2B	8									mod. to v. broken - 1346-1352 - 2' core lost
F	113153	0	113172	0	2B										Mod. to v. broken
F	113172	0	113175	0	3BR	6									v. broken w/ local rubble - no gauge
F	113175	0	113181	2	2B										mod. broken
F	113184	0	113189	0	3BR	6									v. broken to rubble
F	113189	0	113195	0	3BR	3									v. broken to rubble w/ IND gauge at end
F	113195	0	113198	6	3B										v. broken - no gauge
F	113198	6	114100	0	3B										v. broken w/ minor incip gauge
F	114100	0	114106	0	3BR	6									gauge @ end
F	114106	0	114110	0	3B	5									
F	114110	0	114118	0	3BR	3									rubble at end

FAGA 086

Code	From		To		Recov.		No.		Unit		Description
	10	14 16	20 22	24 26	28 30	34 35					
L	161450	161510	161510	161516			111	1518101			± minor 2 (SDO) 75:25 SD on 2" to 6" interbands assoc w/ more carbonaceous phyllites Slightly-moderat broken
L	161510	161516	161519	161519			112	1518101			Intact except minor pokes chippy & imp 11S <sub>2</sub> gauge @ 654'
L	161519	161617	161617	161620			113	1518101			(SDO) 70:30 little broken w/ IND gauge @ 665.8-666.3 SDO bands up to 8" thick / Pa porphyroblasts
L	161617	161716	161716	161720			114	1518101			(SB80) lower contact sharp w/ SB <sub>2</sub> phyllites / upper contact is 4" greenish hala grading into SBO - also gtz vein at upper contact Intact
L	161716	161814	161814	161815			115	1518101			(SB20) 80:20 Interbedded SDO & very dk grey to blk, weakly calcareous phyllitic Knife edge S <sub>2</sub> ll contacts / thin banding 1.5 mm & more Reminiscent of local marker on Section 886 Py + po in SPO
L	161814	161914	161914	161915			116	1518101			(SDO) 50:50 SDO as interbands mainly in top 4' & bottom 2' w/ thin interbands in between = 1mm to 1cm scale - otherwise 1 1/2' to 4' Intact / No carbonaceous rock

Code	From	To	Recov.	No.	Unit	Description
I	10	14 16	20 22 24	26 28 30	34 35	
L	169145	173137		117	5B10	<p>Pa porphyroblasts / Good lithons - mod. dk grey P52 stripes                      Basically intact - small gauge zone @ 719.5                      Orient of upper contact 35-45 / 200 S<sub>2</sub> is RFE                      Minor gauge @ 722.6 - 2" IND                      Rest intact</p>
L	173137	173172		118	5B131	<p>Intact - Conolent rock</p>
L	173172	176127		119	5B101	<p>(5D0) 99:01                      Generally not very good lithon structure - local sections of non-lithons very soft                      Many sulfide grains dissolved - only vugs left                      Mainly po - minor py                      TOE-741 Intact / 741-742 strongly brkn incip S<sub>2</sub> " gauge - paken chippy                      745-746 minor IND gauge &amp; gr ucin frags / 748-1" incip gauge                      749-EOE mod brkn                      1 1/2' 5D0 @ TOE - at 752 few inches of 5D</p>
L	176127	17720		120	5B162	<p>minor \$ → 5B6 (5D4 \$) 60:40                      5B62 → 5B6 near center of unit                      Paken chippy to incip. gangy in upper 1/2                      Mod. brkn in lower 1/2                      EOE is 2" IND gauge</p>

Code	From		To		Recov.	No.	Unit	Description		
	10	14	16	20					22	24
L	1771	20	1781	65		121	15B161	(5B3) One 3" interval of phyllitic marble in Dolomitic unit Minor SDO interbands * TOP - 773.5 gauge & broken pits veins 773.5-775.5 poken chippy \ 775.5-EOZ intact except for 780.5 - 2" ind gauge, 785.2 - 1" ind gauge, 791.8 - 2" ind gauge, 797.3-798 rubble & ind gauge lumps Probably no major faults except for TOI		
L	1781	65	1810	55		122	15D101	Intact		
L	1810	55	1810	95		123	15B101	Minor gauge & poken chippy for top 8"		
L	1810	95	1811	55		124	15D101	(5B80) 80:20 Intact except for minor rubble @ 814-814.4 Upper 1/2 dominantly SDO / in lower 1/2 5B90 interbands are 2"-6" thick		
L	1811	55	1812	55		125	15B101	(1020#) Intact except last 1' in gauge - locally parallel S <sub>2</sub> - none greasy so ga downhole		
L	1812	55	1812	80		126	15D101	(5B80) 70:30 Difficult contacts / Intact		

Code	From	To	Recov.	No.	Unit	Description
L	181218.0	181672		1217	1518101	Intact to med. brkn \ Minor rubble @ 832 & 834 \ 849.5 minor incip gauge // S <sub>2</sub> \ 852-854 poker chippy & IND gauge No major faults \ Small fault breccia-carbonaceous @ EOT 4"
L	181672	181718.2		1218	1518101	Intact \alus between Units # 9 & # 3 in rock type / homogeneous qtz calc banding a bit coarser & longer than typical 5D (unit 3 & 9 - in between pieces)
L	181718.2	181820		1219	1518101	Intact
L	181820	191314.0		1310	1518101	Pa gneiss Intact except 893.3 - small flt 57/120 upper contact cutting S <sub>2</sub> minor gauge & qtz vein 933-934 rubble & incip // S <sub>2</sub> gauge & poker chippy
L	191314.0	191316.0		1311	1518101	Intact
L	191316.0	191726		1312	1518101	(5D) 98:02 SD as a few 1/2" to 6" interbands - mainly near center of unit Intact

upper contact  
62/170  
S<sub>2</sub> RFE

variety -

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	1917126	1918148		1313	5D101	Both colour banding & qtz-carbonate banding Intact
L	1918148	1919140		1314	5B101	± minor B Intact
L	1919140	1919195		1315	5D101	→ 5D6 (5B26) 95:05 Both po & py in 5D0 5B26 - TOI ~ 3" IND gauge - very thin 5B2 bands Remainder of int. mod. brkn
L	1919195	1101143		1316	5B101	±/ towards EOT Sparsely calcareous, minor lithons, not esp. carbonaceous TOI - 1000.5 very brkn, rubble, 11 1/2 gauge \ 1000.5-1002.5 intact \ 1002.5-1003.6 brkn S <sub>2</sub> 11 incip gauge \ 1003.6-1007 intact 1007-1008 rubby & brkn \ 1008-EOT mod. brkn No major faults Unit cut by steep to mod dipping qtz-calc veinlets cross S <sub>2</sub> - former crackle breccia May be weakly silicified towards base / Minor biotite @ EOT & lithons turning green (actinolite?)
L	1101143	1101210		1317	5D161	(5B6 hornfelsed) 60:40 Turbidated dk grey, reddish brn (biotite) & olive green (5D6) \ hard \ <sup>banding</sup> scale of 6" Cut by crackle network of cc veins looks like 5D w/ interbands of biotite-rich, hornfelsed 5B. Seem to have metamorphic fltn but abnormally hard for a rock that looks like mica-rich. Intact to mod. brkn

Code	From				To				Recov.	No.	Unit	Description
	10	14	16	20	22	24	26	28				
L	1101211	0	1101215	0					1318	51C1D1	‡	Strongly & irregularly foliated green phyllite. Possibly 5D or 5C Dolomitic Mangled intrusive rock? Gouge @ top \ lower 1/3 broken to rubble \ cut by small # of cracks qtz-cc veins
L	1101215	0	1101216	0					1319			Fault breccia to mylonite Intact - med. grey - strong mica fltn @ 45° core axis - fltn wraps around qtz fags & rocks which contain an internal fltn at diverse angles Appears to have fags of biotite-rock (Unit # 37) & also has biotite in matrix. Matrix mica chlorite-rich Contact with underlying unit foliation to mylonite texture & S <sub>2</sub> fltn on underlying rocks
L	1101216	0	1101310	3					1410	414615	74	[5D parent] Biotitic - py-po-sph Micaceous & closely spaced lillons - Cc bearing - Parent might be 5D Possible that it is part of fault zone last bit looks like 5D Fltn irregular, slightly steeper than normal - may be shears
L	1101310	3	1101313	7					1411	51B1318		[5C] (5D0) 90:10 Extremely calcareous - almost a phyllitic marble / Irregular chlorite folia - reminiscent of 5C texture Intact

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	1101313	7 1101414	0	1412	15D10	biotite (5886 biotite) (5B62) Short section of 5C texture - resembles above unit. Upper 1/2 irregular fltn. \ Not sure out of fault zone yet \ Messy rocks Old rocks - look altered - don't fit cols well - haven't been sure of rocks since 1015' depth Intubedded 5D and 5B2 Rubble & broken to 1036.5 / Intact below to EOI Rocks become more normal & less altered down hole.
L	1101414	0 1101512	3	1413	15B161	minor ± 0 minor c.s.* (5D0 biotite) 95:05 * calc-silicate Biotite & actinolite in lithons Not good 5B Cut by qtz-calc fractures cutting S <sub>2</sub> fltn Intact except for minor gouge @ 1047 // S <sub>2</sub> - not imp't flt
L	1101512	3 1101614	0	1414	15D10	(580 c.s.) 70:30 580 has green mineral in lithons & biotite no selvage 5B at bottom 1 1/2 feet Intact except minor rubble 1055-1056' small fault 45° core axis
L	1101614	0 1111124	4	1415	15D10	(5D6) (5C & ) (5881) 75:05:05:15 Heterogeneous intvl of green rocks - dominantly 5D0 - cc-qtz banded, locally biotitic & locally somewhat color banded 5C & 1072-1074 588 1082-1089 & 1110-1112 5D & 5C locally good lithons but mostly P52 foliated Green mineral + biotite present on carbonate bands of 5D TOI - 1071.5 intact \ 1071.5-1073.5 incip gouge, minor rubble, flt upper contact @ 30° interval gouge // S <sub>2</sub> locally \ 1073.5 - EOI intact

1010-1048 is funny altered zone of 5B & 5D prob liths / not normal metam. Confused on fault @ 1025's suggests related to the fault - but not like other fault alt's. @ Green

Below fault pelites become problematic - questionable Vangorda 5B to 1064 - No good Vangorda rocks below

interval gouge // S<sub>2</sub> locally \ 1073.5 - EOI intact

Slightly bkn & rubble 1073.5-1077 - 1076 small flt @ 45 / 090 / bottom contact

1114  
↓  
See page 13

Code	From	To	Recov.	No.	Unit	Description
1	10 14 16	20 22 24 26 28 30 34 35				
L	111124	111220		1416	5B161	"c.s." (500 minov) 99:01 500 as thin (1/2"-1") S <sub>2</sub> sharp // bands. 5B - very poor lithons \ PS <sub>2</sub> foliated \ has g <sub>tr</sub> bands - microlithons - w/ green mineral (act?) f po Intact
L	111220	111318		1417	5B1618 4	[4L6±7] (500) (100# chloride) 70:10:20 5D dker colored - good develop. of coarse green mineral - g <sub>tr</sub> -cc-chlorite veining common Po developed as stringers \ near 1126 adjacent to a 5D band - heavily remobilized Po found - originally subparallel S <sub>1</sub> - now remobilized to fractures & cross cut S <sub>2</sub> Z-sym fold in 5D @ 1126. S <sub>1</sub> // core axis 1125-1127 Intact except minor rubble 1124.5 w/ g <sub>tr</sub> vein Act veins irregular Probably not th type alt. - rather alt. asc. w/ process forming the g <sub>tr</sub> veins - i.e. green rocks ass. w/ g <sub>tr</sub> veins lower contact & upper contact both gradational
L	111318	111613		1418	5B101	calc-silicate Only weakly calcareous / strongly S <sub>2</sub> foliated / locally lithons / good PS <sub>2</sub> for much of it cc-green mineral - po - biotite(?) in lithons Some lithons have fine-weathering mineral - Fe-carbonate Good late crystallization - 20/090 - post S <sub>2</sub> - impart good wrinkle lin to S <sub>2</sub> surface Not good 5B because c.s. app. - bluish green, med to light grey striping // S <sub>2</sub> looks similar to rock at Reservoir of transition rocks near tailings outflow @ mine TOT - 1157 intact \ 1157-1159 incip gauge - flt cutting S <sub>2</sub> 45-60° C.A. 1159-EOT intact

Po porphyroblasts

Code	From	To	Recov.	No.	Unit	Description					
	10	14	16	20	22	24	26	28	30	34	35
L	1116130	1116180		149	5B1618	minor c.s. minor (5D0) minor Similar to above unit only no cc in partly developed lithons Intact					
L	1116180	1117118		150	5D101	Intact					
L	1117118	111735		151	5B161	→ 5B63 at TOI & EAI intact except 4" gouge @ TOI D2 fold hinge in middle — possible Z-fold → 5B63 in contact with 5D at TOI & EOI					
L	111735	111753		152	5D101	Green mineral in qtz-cc veins / possibly minor biot Intact					
L	111753	121355		153	5B161	[3G0] (5D0) 97103 5D as thin interbeds 1/2" to 8" thick 5B - with qtz-green min - po - minor biot in lithons Some lithons look like stringed w/ green min - Fe-carb. - po Overall impression - of subdiagenetic 3G w/ partly developed lithons → lithons have green mineral - i.e. 3G0 below 1 <sup>st</sup> ore horizon on Sect 8301 Po pyrophyllite / Intact to 1212 \ 1212-1227 mod. to very bitn w/ local FeD gouge 1214, 1216, 1227 - 5' core missing - probably from 1227 ft. \ 1227-1234 Intact \ 1234-EAI very bitn, rubbly, FeD gouge @ 1235 - Below fault @ 1025 pelites become problematic - questionable Vangorda 5B to 1064 - No good Vangorda 5B below 1114. No basal carbonaceous Vangorda at base of DDH					

Unless if sign. of it  
 Abundant qtz-biot. veins cut E 10' to Core axis  
 last 30' of unit

Taken as reasonable stratigraphy — therefore implies fault complications to cut out basal Vangorda which put DDH into NW Mye in strat. never-rever land. — also implies significant ore horizons cut out as well as stratigraphy

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	11213155	11214160		1514	1316161	As above - 6 fine py-minor go & sphal Sulfides as thin irregular wisps    S <sub>2</sub> in large quartz Po in more glass lithons. Rock identical to #53 except for sphal. Minor \$ in lithons NOT EXHAUSTIVE SULFIDES - looks like mineralized wall rock adj. to exhalative sulfides - may be sulfides mobilized from exhalatives Unit split - possibly originally intact - no gauge
L	11214160	11214195		1515	4A1E110 ± 4	(4D5 → 4A4) 75:25 Sphal as 1/4"-1" bands in generally sphal.-poor massive matrix Ameloid blebs of gtz approximating gtz clasts in massive sulfide Internal contacts are gradational Upper contact of sulfides sharp &    S <sub>2</sub> Split - orig. intact
L	11214195	1121700		1516	4A1A4 ± 0	→ (4A3 short intervals) Total sulfides 210% TOE-1256.5 4A4 Tot sulf. 15% py 2x sphal 1256.5-1266 4A0 Tot sulf. 20-25% py >>> sphal. 1266-EOI 4A4 Tot sulf 10-15% py (1+2x) sphal.) Split - locally rubblely - recov. ok

4A0  
see assays

Code	From	To	Recov.	No.	Unit	Description
	10 14 16	20 22 24	26 28 30	34 35		
L	1121710	1121743		157	4D01	±4 Total sulf. 15-20% py = sphal @ TOI & py 2-3x sphal @ EOI Well banded w/ qb-py bands subll S <sub>2</sub> / Locally good segreg sulfiden Foliar light grey w/ musc. Transitional thru 4C5 → 4A Could be altered 4A Split but intact
L	1121743	11218154		158	4E110	± \$ very minor Qtz as 1-5mm diam amoeboid blcks. Also as thin wispy sheets    S <sub>2</sub> - some of wispy -veats are dk grey. - could be after 4A Barren - very low grade 8" of 4E4 just above 1276' Split - intact
L	11218154	1121873		159	5D141\$	9 9 for minor dissem. py & locally py / weathers orange-tan - clean to brn-cream w/ 20% H <sub>2</sub> O Unsplit - intact Sharp P52    contact w/ massive sulfiden
L	1121873	11219105		1610	4E110	± \$ very minor Same as Unit #58 / Split intact
L	11219105	11219123		1611	5D141\$	9 As Unit #59 / Unsplit - intact

Code	From	To	Recov.	No.	Unit	Description
1	10 14 16 20 22 24 26 28 30 34 35					
L	129123	131060		1612	14E101	I1 Similar to above but fewer amoeboid blebs - of ass. w/ gtz blebs - locally like bx veins Still minor wispy dk grey gtz+py foliaform bands Very py rich Lower contact abrupt against gouge Split / intact
L	131060	131100		1613	15A1	→ 586 or [360] bxa Black & grey breccia & gouge. Fault bxa w/ gtz & minor sulfide clasts lensoid along /ltz C.A. angle 30-45° Impression of fault @ 45° maybe steepens & cuts S <sub>2</sub> Recovery OK
L	131100	131150		1614	131G1	Dk. med grey, noncalc. phyll w/ slightly dol. ptose bands locally forming lithons Minor non. gtz-dol. veins Relatively intact to mod. brkn
L	131150	131210		1615	131G9	\$ minor Sheared w/ local fault bxa Dol. - dolomite bands Sheared subll S <sub>2</sub> but S <sub>2</sub> is much steeper than normal Carbonaceous - dolomitic - sheared Fault zone @ 45° Mod. brkn

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	131210	131229		1616	1101Q10	py py in fractures (minor) / intact
L	131229	1315182		1617	151A11	gouge & rubble → 3G9 & gouge & rubble Dark grey to black gouge w/ poor recovery Underlying unit gouged & rubbled - this is the underlying unit gouged & rubbled S <sub>2</sub> steepens to ~ 30° to core axis - S <sub>2</sub> foliated chips 22 ft of gouge & rubble in 36 ft interval.
L	1315182	1410160		1618	151A10	± Dark grey to blk phyllite w/ light grey, locally tan-weathering gneiss lithons. Lithons well developed 70% calcareous & rest dolomitic. Dolomitic best developed in upper part. Minor sulfides py, po, minor sphal. in gneiss bands 1"-2" bands of black marble locally (like @ 1392 (1392) Intact To <sup>1394</sup> <del>1394</del> \ bitn, rubble, minor gouge 1400 \ 1400- <del>1406</del> 1406 Intact
L	1410160	141145		1619	131G19	→ 5A6 Noncalcareous - has gneiss lithons - thinner than above unit (± 60) & poorly developed Intact except local minor pater chippy core
L	141145	1515100		1710	131G10	(3B3) biotitic 3B best developed 1451-1455, 1459-1466, minor 3B3 @ 1542 3G0 exceeding normal med grey PS2 folio phyllite light greenish grey gneiss lithons & micro lithons Similar to 3G0 siltstone bearing (Green mineral in gneiss lithons (actinolite?)) Wet cut surface is bluish-greenish-grey / INTACT

#1490  
At 1512 have biotite schlage to gft vein rather than chlorite.

last 10ft has po as lenses along S<sub>2</sub> & cutting S<sub>2</sub> & pseudomorphs after py  
at trace bands decrease down section

Code	From	To	Recov.	No.	Unit	Description
L	15500	15630		171	3B13	biotite Calcite + green mineral - yellow mineral in carbonate bands. Biotite as selvage to the bands Intact
L	15633	16340		172	3G0	Minor greenish glaucous bands & microliths Similar to above only more homogeneous with less of the obvious glaucous banding Tends to be late crystallization (post-52) @ 30/350 Po as flattened pseudomorphs after py - fairly abundant At 1602 biotite - selvage to Qtz veins & 1596 - Qtz vein in same area also have chlorite - biotite Qtz veins have calcite and chlorite Qtz veins only Qtz bearing Biotite & calcite are intimately intermixed Intact
L	16134	16413		173	3B10	( 3B4# ) 95105 lighter grey, strongly concave banded phyllite Strongly light & dk grey banded light grey glaucous + mica & mud. hard to soft Dark grey phyllitic very soft 3B4# at TOT & EOT. TOL - 1641 intact \ 1641-1642 plastic gauge IND \ 1642-1643 intact
L	16143	16168		174	3B10	Non dolomitic, noncalcareous, Some glaucous lithars & bands especially in lower part. Similar to Unit # 72. Very broken core \ recovery OK \ narrow gauges - mixer @ 1657, 1651, #14 @ 1658-40/340

1634

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	1161618 0	1161619 3		1715	151A161	gauge & rubble
L	1161619 3	1161712 0		1716	141Q141 3	Sulfide - gtz-carbonate vein ductile bxa. Frags of gtz ± dol. in fine-grained py E sphal matrix. Possible sulfide intrusion! ? Possible vein? Possible <del>quartz</del> !! Split - rubbly
L	1161712 0	1161715 5		1717	151A161	rubble & gauge (384) very broken Similar to Unit # 75
L	1161715 5	1161718 6		1718	31B141	(369) minor Mod. brkn, rubbly in last 6"
L	1161718 6	1161817 5		1719	151A161	± minor (384) minor Very brkn to rubbly w/ minor gauge. Unit heavily fractured w/ gtz-dol. healed fractures - near TOE is fracture running down C.A. Base of interval is fault bxa - gtz chert in black matrix. Shear fltn @ 80° - other faults on some pieces of core @ 45° - strike-slip & vertical @ 20° Definite fault zone
L	1161817 5	1171110 0		1810	131G101	± 4 minor (384) mainly in first 10' Minor ± 4 @ TOE Core mod broken 16975-1695. / Tinted 1695-EOI 1700-1705 steeply dipping fracture zone w/ sulfides england

Code	From		To		Recov.		No.		Unit		Description
	10	14	16	20	22	24	26	28	30	34	
L	17110	0	17115	0			1811		1316191		
											Homogeneous dk grey phyllite. No Qtzose bands. Noncalcareous, nondele. Intact
L	17115	0	17133	0			1812		1316101		
											Med. grey phyllite w/ greenish Qtzose bands w/ minor carbonaceous bands. Cc in S <sub>2</sub> cutting fracture veinlets — rock noncalcareous Qtzose bands have minor po. Similar to rocks @ 1460' in this DDH — only more carbonaceous interbanding Intact
L	17133	0	17155	8			1813		1316196		
											po# minor → dolomite flash of 1982 logging. ±1 for last few feet Has carbonate flash / dk grey / nearly P52 foliated / not extra hard hacks lithous. Minor py as thin stringers along S <sub>2</sub> & cross-cutting S <sub>2</sub> Bkn w/ gauge 1733-1738 (most 1733-1734) Below 1738 intact Few light grey Qtzose bands @ EOI — harder
L	17155	8	17171	0			1814		1316101		
											(3B4) trace w/ greenish grey Qtzose bands & layers. Top 1/2 unit homogeneous greenish grey & bottom 1/2 interbanded w/ homogeneous dk grey phyllite. 3B @ 1756 as 3" band Intact to 1767 \ med bkn 1767-1768 \ 1768-EOT intact
L	17171	0	17192	8			1815		1316191		
											(3B3) ± \$ Minor po & py Similar to Unit # 83 Qtzose bands locally developed — lighter grey Normal hardness Intact

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	179128	181010		1816	31G10	light grey phyllite, noncalcareous, homogeneous Carbon break from overlying unit Soft, not gtz / Few po bands // S <sub>2</sub> - looks remarkably stringered - minor Intact
L	181010	181319	2	1817	31G191	minor 6 (py & po) Some calcareous intervals in last 4'. Couple of gtz veins 1816 (8") and 1818-1819 Intact Above 1809 gtz-carb crackle bxa. At 1809 fault @ 45° C.A. Other small faults above that 1805-1809 20° intact zone of fracturing. Minor zone of rubble 1813'
L	181319	181514	8	1818	31F191	(3G918) minor PS <sub>2</sub> foliated, st grey phyllitic matrix. Intact Minor py & po disseminated thru it (mainly py)
L	181514	181519	9	1819	31G191	minor 6 (3F9) PS <sub>2</sub> fltd. / weak comp. banding / heavy crackle bxa 20° C.A. w/ 22mm 000+020 Intact
L	181519	181519	9	1910	31G101	fault bxa carbonate matrix -cc / gtz clasts / contains py & po in matrix Steeper than S <sub>2</sub> bottom 70° top ≈ 45° lots of sulfide @ base in matrix
L	181519	181614	5	1911	31G1911	minor 6 (3F9) Same as Unit # 89 Intact

Code	From	To	Recov.	No.	Unit	Description
L	1816145	1914108		1912	31G10	(3846) minor Rel. soft, med grey, noncalc phyllite Intact to 1905 / 1905 - 6" gauge / 1905.5-1928 intact / 1928-1930.5 mod. broken, locally gougy, gauge @ 45/350 / Intact 1930.5-EOI No major fits
L	1914108	1914145		1913	31G91	minor 6 minor \$ Mod. broken / cut by small faults @ 45° C.A. minor crackle bxa
L	1914145	1914155		1914	15A161\$	gauge w/ fault bxa at base fault bxa at EOI 45° C.A.
L	1914155	1914175		1915	31G1916	minor crackle bxa
L	1914175	1916102		1916	31G191	(5C4\$) fault bxa Augen-like clasts of qtz and/or dolomite with interleaved probably lenses of 5CD4\$ fuchsite bearing - Presumed to be lenses in fault zone Core Intact. fit zone foliations 42° - ~45° ranges 30-80 mainly near 45 Also smaller augen/clasts of 5CD4\$ shear foliations in fault rock



DDH. F.A.G.A.O.8.6  
2 8

*1 FEET!*  
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*53?*  
Structural Log

Date: 12 Aug 83 Logged By: GAJ/LCP

Code	From			To			Feature	Sym	S <sub>0</sub>		S <sub>1</sub>		S <sub>2</sub>		Description
	10	14	16	20	22	24			26	28	32	34	38	40	
S							PSR						76	2310	} PS2 amongst CS2
S							PSR						817		
S							PSR						815		
S							CSR	S					710		
S							PSR						815		→ CS2
S							PSR						718		→ CS2 S-symmetry
S							PSR						810		→ CS2
S							CSR						910		
S							CSR						75		
S							CSR						810		
S							PSR						78		amongst CS2
S							CSR						910		
S							CSR						910		→ PS2
S							CSR						810		local PS2
S							PSR		418	2150			75		Late cren. clog - weak Up hole about 3" the orient of cren. clog 48/000
S							CSR20						812		
S							CSR						910		→ PS2
S							PSR						910		→ CS2
S							PSR						76		amongst CS2
S							CSR						83		
S							PSR		210	2170			78		→ CS2
															Steep late crenulations about 20° C.A.
S							CSR20						75		
S							CSR						73		→ PS2
S							CSR						83		
S							CSR						75		
S							CSR						812		
S							CSR						85		
S							PSR						75		local CS2
S							CSR						75		close to D 340 to D
S							CSR						76		→ PS2 close to D
S							PSR						75		→ CS2
S							CSR						74		close to D

Structural Log

Date: 12 Aug 83 Logged By: GAV/KCP

Code	From		To		Feature	SYE	S <sub>0</sub>		S <sub>1</sub>		S <sub>2</sub>		Description
	10	14	16	20			Dip	Direct.	Dip	Direct.	Dip	Direct.	
	26	28	32	34	38	40	44						
S			79.5		CS2 D					75	213	0	
S			82.4		PS2					76			→ CS2
S			84.8		CS2					82			
S			86.65		PS2					80			amongst CS2
S			89.00		CS2					90			
S			91.4		PS2					86			→ CS2
S			93.8		PS2					75			→ CS2
S			96.6		PS2					74			
S			99.0		PS2					80			→ CS2
S			100.8		CS2					76			→ PS2
S			104.2		PS2					65			
S			106.0		CS2					70			→ PS2
S			108.4		PS2					72			
S			109.6		PS2					78			
S			111.65		PS2					70			
S			114.4		PS2					72			
S			116.8		PS2					81			
S			119.1		PS2					78			
S			121.1		PS2					85			
S			124.3		PS2					70			
S			126.4		CS2					75			
S			129.2		PS2					69			
S			131.02		PS2					71			
S			131.19							25			shear fltn uphole kink bands in shear fltn at same attitude
S			135.85		PS2					65			→ CS2
S			137.2		PS2					73			
S			140.0		PS2					66			
S			142.55		PS2					73			micro crenal
S			144.40		PS2					73			micro crenulation
S			147.27		PS2					82			
S			149.2		PS2					76			
S			151.15		PS2					67			
S			151.7		PS2	40	010			75			post D2 cren. cluge CS2+n



DDH FAGA086  
 2 8  
 Feet

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Structural Log

Date: \_\_\_\_\_ Logged By: \_\_\_\_\_

Code	From		To		Feature	SYM	S <sub>0</sub>		S <sub>1</sub>		S <sub>2</sub>		Description
	10	14	16	20			Dip	Direct.	Dip	Direct.	Dip	Direct.	
F	131	0	195	4	2B <sub>1</sub>								
F	195	4	195	9	1G <sub>1</sub>			99	99	99			
F	195	9	110	0	2B <sub>1</sub>								
F	110	0	115	0	3B <sub>1</sub>								
F	115	0	119	0	BRIG2								
F	293	0	300	0	TB <sub>1</sub>								
F			268	6	1G <sub>1</sub>								
F			121	0	1G <sub>1</sub>								
F			308	0	1GT								
F	344	5	345	5	1TG								
F	364	0	366	0	1G <sub>1</sub>								
F	379	0	380	0	1T <sub>1</sub>								
F	421	0	423	0	1T <sub>1</sub>								
F	430	0	436	5	T1G			99	99	99			
F	443	0	444	0	1G <sub>1</sub>								
F	446	0	446	5	1G <sub>1</sub>								
F	496	0	504	5	BTG								
F	600	0	605	0	BRG								
F	628	5	629	0	1G <sub>1</sub>			99	99	99			
F	645	0	650	6	1B <sub>1</sub>								
F			654	0	T1G								
F	665	8	666	3	G <sub>1</sub>								
F			719	5	1G <sub>1</sub>			40	20	0			
F			722	6	1G <sub>1</sub>								
F	741	0	742	0	3BG								
F	745	0	746	0	1G <sub>1</sub>								
F			748	0	1G <sub>1</sub>								
F	762	9	769	0	T1G								
F	769	0	772	0	2B <sub>1</sub>								
F	772	0	773	5	GBF								
F	773	5	775	5	T <sub>1</sub>								
F			780	5	1G <sub>1</sub>								
F			785	2	1G <sub>1</sub>								
F			791	8	1G <sub>1</sub>								
F	797	3	798	0	R1G								
F			805	5	1GT								

Code	From		To		Feature	SYM	S <sub>0</sub>		S <sub>1</sub>		S <sub>2</sub>		Description
	10	14	16	20			Dip	Direct.	Dip	Direct.	Dip	Direct.	
	22	24	26	28	32	34	38	40	44				
F	181140		181144		1R <sub>1</sub>								
F	18245		18255		G <sub>1</sub>			99	999				
F			18320		1R <sub>1</sub>								
F			18340		1R <sub>1</sub>								
F	18520		18540		TG <sub>1</sub>								
F			18672		FX <sub>1</sub>			62	170				
F			18833		IFG			57	120				
F	19330		19340		RGT								
F			19940		IG <sub>1</sub>								
F	19940		19995		2B <sub>1</sub>								
F	19995		100005		BRG			99	999				
F	100070		100080		RB <sub>1</sub>								
F	100080		100143		2B <sub>1</sub>								
F			10210		IG <sub>1</sub>								
F	10235		10250		BR <sub>1</sub>								
F	10250		10260		FX <sub>1</sub>								
F	10260		10303		SP <sub>1</sub>								
F	10337		10365		BR <sub>1</sub>								
F			10470		IG <sub>1</sub>			99	999				
F	10550		10560		1R <sub>1</sub>								
F	10715		10735		1GR			99	999				
F	10735		10770		1BR					45	090		
F			11245		1R <sub>1</sub>								
F	11570		11590		IG <sub>1</sub>								
F			11718		IG <sub>1</sub>								
F	12120		12270		3B63								
F			12140		IG <sub>1</sub>								
F			12160		IG <sub>1</sub>								
F			12270		IG <sub>1</sub>								
F	12314		12355		3BR								
F			12356		IG <sub>1</sub>								
F	12495		12700		1R <sub>1</sub>								
F	13060		13120		GFX								
F	13100		13150		1B <sub>1</sub>								
F	1315		1321		S1X								
F	13229		13586		GR 6								

Code	From				To				Feature	S <sub>0</sub> Dip Direct.	S <sub>1</sub> Dip Direct.	S <sub>2</sub> Dip Direct.	Description
	10	14	16	20	22	24	26	28					
F	1394	0	1400	0	BIRG								
F	1641	0	1642	0	G								
F	1643	0	1668	0	3B								
F			1657	0	1G								
F			1651	0	1G								
F			1658	0	1F			40	340				
F	1668	0	1669	3	GR								
F	1669	3	1672	0	R								
F	1672	0	1675	5	RG								
F	1675	5	1675	5	2B								
F	1675	5	1675	5	R								
F	1678	6	1687	5	RFX								
F	1687	5	1695	0	2B								
F	1733	0	1738	0	BG								
F	1767	0	1768	0	2B								
F			1813	0	1GR								
F	1805	0	1809	0	1F								
F	1854	8	1859	4	XQ								CRACKLE BRECCIA code?
F	1859	4	1859	5	FX								
F			1905	0	1G								
F	1928	0	1930	5	2BG			45	250				
F	1940	8	1944	5	2B								
F	1944	5	1945	5	GFX								
F	1947	5	1960	2	FX								
F	1960	2	1978	2	FX								
F	1978	2	1994	5	S								
F	1994	5	1997	0	3S								
F	1997	0	2000	0	S								
F	2000	0	2022	0	1S								

1678.1

1678.6

RB →



HOLE NO: A-86 LATITUDE: 11680.81 AZIMUTH: 0.00  
 HOLE LENGTH: 616.31 DEPARTURE: 7027.70 DIP: -90.00  
 ELEVATION: ~~1301.36~~ 1315.61

DIP TESTS:	DEPTH	DIP	AZIMUTH
	36.58	-89.00	237.20
	97.54	-89.00	288.50
	182.88	-81.00	129.20
	243.84	-85.00	155.50
	304.80	-71.00	141.50
	426.72	-76.00	140.50
	505.97	-74.00	138.50

INTERVAL		ASSAYS			
FROM	TO	PB	ZN	AG	
		%	%	GM/TON	
0.00	376.58	N/A	N/A	N/A	
376.58	379.78	.43	.33	4.11	92064
379.78	380.85	2.25	3.48	30.17	92065
380.85	383.07	2.08	4.14	31.19	92066
383.07	384.60	1.58	2.70	23.31	92067
384.60	386.00	1.78	3.18	25.37	92068
386.00	387.10	1.65	2.94	24.34	92069
387.10	388.96	1.60	4.62	21.25	92070
388.96	391.88	N/A	N/A	N/A	92071
391.88	393.34	N/A	N/A	N/A	92072
393.34	393.95	N/A	N/A	N/A	92073
393.95	398.07	N/A	N/A	N/A	92074
398.07	508.80	N/A	N/A	N/A	
508.80	509.72	3.75	4.68	34.28	
509.72	616.31	N/A	N/A	N/A	

DRILL HOLE : FAGA086  
NOTHING : 905,870.7  
EASTING : 591,697.1  
ELEVATION : 1,290.8  
TOTAL DEPTH : 616.2  
SECTION : W 108  
R.F.E. : S2  
RFE DIRECTION: 230  
PLUNGE ANGLE : 11  
PLUNGE DIRECT: 312  
DHD CALC: 1  
SS CALC: 1

## DETAIL RECORD COUNTS:

NOS CORE-SAMPLES: 11  
NOS DOWN-H-SURVEYS: 9  
NOS DOWN-H-LITHOLOGY: 98  
NOS DOWN-H-STRUCTURE: 89  
NOS DOWN-H-FAULTS: 101  
NOS DOWN-H-SPLINES: 9  
NOS COMPOSITES: 0



DDH: FAGA086 UTM-N: 905,870.7 UTM-E: 591,697.1 UTM-ELEV: 1,290.8 TOTAL DEPTH: 616.2 SECTION: W 108  
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
36.600	179.000	238.000
97.500	179.000	289.500
182.900	171.000	130.000
243.800	165.000	156.500
304.200	161.000	142.500
384.000	166.000	133.500
426.700	164.000	141.500
506.000	161.000	139.500

DDH: FAGA086 UTM-N: 905,370.7 UTM-E: 591,697.1 UTM-ELEV: 1,290.8 TOTAL DEPTH: 616.2 SECTION: W 108  
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
9.4	0001	#		0.5-	1
92.2	0002	580	(586)	0.5-	1
94.3	0003	500	(580) 60:40	0.5-	1
139.9	0004	580		0.5-	1
140.6	0005	500		0.5-	1
148.9	0006	5880		0.5-	1
150.8	0007	500	(580) 90:10	0.5-	1
157.7	0008	5880	(500) 95:05	0.5-	1
164.9	0009	500	(5880) 95:05	0.5-	1
196.5	0010	580	&8 (500) TRACE	0.5-	1
198.3	0011	580	&2 MINOR (500) 75:25	0.5-	1
201.1	0012	580		0.5-	1
203.3	0013	580	(500) 70:30	0.5-	1
206.0	0014	500	(5830)	0.5-	1
208.6	0015	500	(5820) 80:20	0.5-	1
211.6	0016	580	(500) 50:50	0.5-	1
223.6	0017	580		0.5-	1
224.6	0018	583		0.5-	1
232.4	0019	580	(500) 99:01	0.5-	1
235.3	0020	5862	\$ MINOR ->586 (504\$) 60:40	0.5-	1
239.7	0021	586\$	(583)	0.5-	1
245.5	0022	500		0.5-	1
246.7	0023	580		0.5-	1
248.5	0024	500	(5880) 80:20	0.5-	1
251.6	0025	580	(1000#)	0.5-	1
252.3	0026	500	(5880) 70:30	0.5-	1
264.3	0027	580		0.5-	1
267.6	0028	500		0.5-	1
268.8	0029	5880		0.5-	1
284.6	0030	580		0.5-	1
285.2	0031	500		0.5-	1
296.4	0032	580	(500) 98:02	0.5-	1
300.1	0033	500		0.5-	1
302.9	0034	580	&8 MINOR	0.5-	1
304.6	0035	500	-> 506 (5826) 95:05	0.5-	1
309.1	0036	580	&1 TOWARDS E.O.I.	0.5-	1
311.2	0037	506	(586 HORNFEISED) 60:40	0.5-	1
312.4	0038	500	\$	0.5-	1
312.7	0039	8XA	FAULT BRECCIA TO MYLONITE	0.5-	1
314.0	0040	4L6#7	4 [50 PARENT]	0.5-	1
315.0	0041	5838	[50] (500) 90:10	0.5-	1
318.2	0042	500	BIO (5886 BIO) (5862)	0.5-	1
320.7	0043	586\$	MIN \$0MIN CAL-SIL(500BIO)95:05	0.5-	1
324.3	0044	500	(580 CALC-SILICATE) 70:30	0.5-	1
339.0	0045	500	(506)(503)(588) 75:05:05:15	0.5-	1
341.9	0046	586	CALC-SILICATE (500) 99:01	0.5-	1
346.8	0047	58684	[4L6&7](500)(100#CHL) 70:10:20	0.5-	1
354.4	0048	580	CALC-SILICATE	0.5-	1
356.0	0049	5868	MINOR CALC-SIL MINOR (500)MIN	0.5-	1
357.1	0050	500		0.5-	1
357.6	0051	586	->5868 AT T.O.I. AND E.O.I.	0.5-	1

DDH: FAGA086 UTM-N: 905,870.7 UTM-E: 591,697.1 UTM-ELEV: 1,290.8 TOTAL DEPTH: 616.2 SECTION: W 108  
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
358.2	0052	300			
376.5	0053	5B6	[3G0] (500) 97:03	0.5-	1
379.7	0054	3G6		0.5-	1
380.8	0055	4E10	84 (405 ->4A4) 75:25	0.5-	1
387.0	0056	4A4	80 -> (4A3 SHORT INTERVALS)	0.5-	1
388.4	0057	4D0	84	0.5-	1
391.7	0058	4E10	83 VERY MINOR	0.5-	1
392.3	0059	5D4\$	9	0.5-	1
393.3	0060	4E10	33 VERY MINOR	0.5-	1
393.8	0061	5D4\$	9	0.5-	1
398.0	0062	4E0	81	0.5-	1
399.2	0063	5A	-> 5B6 OR [3G0] 6XA	0.5-	1
400.8	0064	3G\$		0.5-	1
402.6	0065	3G9	\$ MINOR	0.5-	1
403.2	0066	1000	PY	0.5-	1
413.9	0067	5A\$	GOUGE & RUBBLE->3G9\$ GOU & RUB	0.5-	1
428.5	0068	5A0	8\$	0.5-	1
431.1	0069	3G9	->5A6	0.5-	1
472.4	0070	3G0	(3B3 BIO)	0.5-	1
476.4	0071	3B3	BIO	0.5-	1
498.0	0072	3G0		0.5-	1
500.7	0073	3G0	(3B4\$) 95:05	0.5-	1
503.4	0074	3G0		0.5-	1
508.8	0075	5A6	GOUGE AND RUBBLE	0.5-	1
509.6	0076	4Q\$43		0.5-	1
510.6	0077	5A6	RUBBLE AND GOUGE (3B\$)	0.5-	1
511.6	0078	3B4\$	(3G9) MINOR	0.5-	1
514.3	0079	5A6	\$ MINOR (3B4\$) MINOR	0.5-	1
521.2	0080	3G0	84 MINOR (3B4\$)	0.5-	1
522.7	0081	3G9		0.5-	1
528.2	0082	3G0		0.5-	1
535.1	0083	3G96	\$ OR # MINOR 81 LAST FEW FEET	0.5-	1
539.8	0084	3G0	(3B4\$) TRACE	0.5-	1
546.4	0085	3G9	(3B3\$)	0.5-	1
548.9	0086	3G0		0.5-	1
560.5	0087	3G91	6 MINOR (PY,PC)	0.5-	1
565.3	0088	3F9	(3G916) MINOR	0.5-	1
566.7	0089	3G91	6 MINOR (3F9)	0.5-	1
566.8	0090	3G0	FAULT BXA	0.5-	1
568.2	0091	3G91	6 MINOR (3F9)	0.5-	1
591.5	0092	3G0	(3B46) MINOR	0.5-	1
592.6	0093	3G9	6 MINOR \$ MINOR	0.5-	1
592.9	0094	5A6\$	GOUGE W/ FAULT BXA AT BASE	0.5-	1
593.5	0095	3G96		0.5-	1
597.4	0096	3G9	(5C4\$) FAULT BXA	0.5-	1
602.9	0097	BXA	FAULT BRECCIA	0.5-	1
616.3	0098	10AB19		0.5-	1

DDH: FAGA086 UTM-N: 905,870.7 UTM-E: 591,697.1 UTM-ELEV: 1,290.8 TOTAL DEPTH: 616.2 SECTION: W 108  
 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
FAGA086	0.0	17.0	PS2			0	0	0	0	0	76	230	0			1	1	1
FAGA086	0.C	24.3	PS2			0	0	0	0	0	87	230	0			1	1	1
FAGA086	0.0	31.3	PS2			0	0	0	0	0	85	230	0			1	1	1
FAGA086	0.C	39.9	CS2	S		0	0	0	0	0	70	230	0			1	1	1
FAGAC86	0.C	45.7	PS2			0	0	0	0	0	85	230	0			1	1	1
FAGA086	0.0	51.5	PS2			0	0	0	0	0	78	230	0			1	1	1
FAGAC86	0.0	60.9	PS2			0	0	0	0	0	80	230	0			1	1	1
FAGA086	0.C	69.7	CS2			0	0	0	0	0	90	230	0			1	1	1
FAGA086	0.0	76.5	CS2			0	0	0	0	0	75	230	0			1	1	1
FAGA086	0.C	84.2	CS2			0	0	0	0	0	80	230	0			1	1	1
FAGAC86	0.C	90.2	PS2			0	0	0	0	0	78	230	0			1	1	1
FAGA086	0.C	95.7	CS2			0	0	0	0	0	90	230	0			1	1	1
FAGAC86	0.C	99.9	CS2			0	0	0	0	0	90	230	0			1	1	1
FAGAC86	0.C	102.9	PS2			48	250	0	0	0	75	230	0			1	0	0
FAGA086	0.C	106.9	CS2			0	0	0	0	0	80	230	0			1	1	1
FAGA086	0.C	120.7	CS2	D		0	0	0	0	0	82	230	0			1	1	1
FAGA086	0.C	126.4	CS2			0	0	0	0	0	90	230	0			1	1	1
FAGA086	0.C	135.6	PS2			0	0	0	0	0	90	230	0			1	1	1
FAGAC86	0.C	142.9	PS2			0	0	0	0	0	76	230	0			1	1	1
FAGA086	0.0	148.7	CS2			0	0	0	0	0	83	230	0			1	1	1
FAGA086	0.C	157.1	PS2			20	270	0	0	0	78	230	0			1	0	0
FAGA086	0.0	165.8	CS2	D		0	0	0	0	0	75	230	0			1	1	1
FAGAC86	0.C	170.3	CS2			0	0	0	0	0	73	230	0			1	1	1
FAGAC86	0.C	177.6	CS2			0	0	0	0	0	83	230	0			1	1	1
FAGAC86	0.C	185.0	CS2			0	0	0	0	0	75	230	0			1	1	1
FAGAC86	0.0	193.5	CS2			0	0	0	0	0	82	230	0			1	1	1
FAGA086	0.C	199.0	CS2			0	0	0	0	0	85	230	0			1	1	1
FAGA086	0.C	207.5	PS2			0	0	0	0	0	75	230	0			1	1	1
FAGA086	0.C	213.6	CS2			0	0	0	0	0	75	230	0			1	1	1
FAGAC86	0.C	220.6	CS2			0	0	0	0	0	76	230	0			1	1	1
FAGA086	0.0	227.9	PS2			0	0	0	0	0	75	230	0			1	1	1
FAGAC86	0.0	236.6	CS2			0	0	0	0	0	74	230	0			1	1	1
FAGA086	0.C	242.3	CS2	D		0	0	0	0	0	75	230	0			1	1	1
FAGAC86	0.C	251.1	PS2			0	0	0	0	0	76	230	0			1	1	1
FAGAC86	0.0	258.4	CS2			0	0	0	0	0	82	230	0			1	1	1
FAGA086	0.0	264.1	PS2			0	0	0	0	0	80	230	0			1	1	1
FAGAC86	0.C	271.2	CS2			0	0	0	0	0	90	230	0			1	1	1
FAGA086	0.0	278.5	PS2			0	0	0	0	0	86	230	0			1	1	1
FAGA086	0.0	285.9	PS2			0	0	0	0	0	75	230	0			1	1	1
FAGA086	0.C	294.4	PS2			0	0	0	0	0	74	230	0			1	1	1
FAGA086	0.C	301.8	PS2			0	0	0	0	0	80	230	0			1	1	1
FAGAC86	0.0	307.2	CS2			0	0	0	0	0	76	230	0			1	1	1
FAGAC86	0.C	317.6	PS2			0	0	0	0	0	65	230	0			1	1	1
FAGAC86	0.0	323.0	CS2			0	0	0	0	0	70	230	0			1	1	1
FAGA086	0.C	330.4	PS2			0	0	0	0	0	72	230	0			1	1	1
FAGA086	0.C	334.0	PS2			0	0	0	0	0	78	230	0			1	1	1
FAGAC86	0.C	340.3	PS2			0	0	0	0	0	70	230	0			1	1	1
FAGAC86	0.0	348.6	PS2			0	0	0	0	0	72	230	0			1	1	1
FAGA086	0.0	356.0	PS2			0	0	0	0	0	81	230	0			1	1	1
FAGAC86	0.C	363.0	PS2			0	0	0	0	0	78	230	0			1	1	1
FAGA086	0.C	369.1	PS2			0	0	0	0	0	85	230	0			1	1	1

DDH: FAGA086 UTM-N: 905,870.7 UTM-E: 591,697.1 UTM-ELEV: 1,290.8 TOTAL DEPTH: 616.2 SECTION: W 108  
 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	COE	DHDC	SOC	PROCESS
FAGA086	0.0	378.8	PS2		0	0	0	0	0	70	230	0	0	1	1	1	1	1
FAGA086	0.0	385.2	CS2		0	0	0	0	0	75	230	0	0	1	1	1	1	1
FAGA086	0.0	393.8	PS2		0	0	0	0	0	69	230	0	0	1	1	1	1	1
FAGA086	0.0	399.3	PS2		0	0	0	0	0	71	230	0	0	1	1	1	1	1
FAGA086	0.0	402.0			0	0	0	0	0	25	230	0	0	1	0	0	0	0
FAGAC86	0.0	414.0	PS2		0	0	0	0	0	65	230	0	0	1	1	1	1	1
FAGAC86	0.0	418.1	PS2		0	0	0	0	0	73	230	0	0	1	1	1	1	1
FAGAC86	0.0	426.7	PS2		0	0	0	0	0	66	230	0	0	1	1	1	1	1
FAGAC86	0.0	434.4	PS2		0	0	0	0	0	73	230	0	0	1	1	1	1	1
FAGA086	0.0	440.1	PS2		0	0	0	0	0	73	230	0	0	1	1	1	1	1
FAGA086	0.0	448.3	PS2		0	0	0	0	0	82	230	0	0	1	1	1	1	1
FAGA086	0.0	454.7	PS2		0	0	0	0	0	76	230	0	0	1	1	1	1	1
FAGA086	0.0	460.7	PS2		0	0	0	0	0	64	230	0	0	1	1	1	1	1
FAGA086	0.0	462.3	PS2		40	0	0	0	0	75	230	0	0	1	1	1	1	1
FAGAC86	0.0	467.5	PS2		0	0	0	0	0	82	230	0	0	1	1	1	1	1
FAGAC86	0.0	477.6	PS2		0	0	0	0	0	83	230	0	0	1	1	1	1	1
FAGAC86	0.0	484.9	PS2		0	0	0	0	0	75	230	0	0	1	1	1	1	1
FAGAC86	0.0	484.9			37	0	0	0	0	75	230	0	0	1	0	0	0	0
FAGAC86	0.0	489.8	PS2		0	0	0	0	0	90	230	0	0	1	1	1	1	1
FAGA086	0.0	497.5	PS2		0	0	0	0	0	78	230	0	0	1	1	1	1	1
FAGAC86	0.0	505.0	PS2		0	0	0	0	0	75	230	0	0	1	1	1	1	1
FAGA086	0.0	513.1	PS2		0	0	0	0	0	71	230	0	0	1	1	1	1	1
FAGAC86	0.0	516.7	PS2		0	0	0	0	0	65	230	0	0	1	1	1	1	1
FAGAC86	0.0	523.4	PS2		0	0	0	0	0	70	230	0	0	1	1	1	1	1
FAGA086	0.0	532.7	PS2		0	0	0	0	0	69	230	0	0	1	1	1	1	1
FAGA086	0.0	541.6	PS2		0	0	0	0	0	85	230	0	0	1	1	1	1	1
FAGA086	0.0	547.7	PS2		0	0	0	0	0	75	230	0	0	1	1	1	1	1
FAGAC86	0.0	557.4	PS2		0	0	0	0	0	84	230	0	0	1	1	1	1	1
FAGAC86	0.0	562.9	PS2		0	0	0	0	0	74	230	0	0	1	1	1	1	1
FAGA086	0.0	569.0	PS2		0	0	0	0	0	46	230	0	0	1	1	1	1	1
FAGAC86	0.0	573.6	PS2		0	0	0	0	0	60	230	0	0	1	1	1	1	1
FAGA086	0.0	583.6	PS2		0	0	0	0	0	68	230	0	0	1	1	1	1	1
FAGA086	0.0	591.0	PS2		0	0	0	0	0	76	230	0	0	1	1	1	1	1
FAGAC86	0.0	594.9			0	0	0	0	0	45	230	0	0	1	0	0	0	0
FAGAC86	0.0	598.3			0	0	0	0	0	58	230	0	0	1	0	0	0	0
FAGAC86	0.0	602.8			0	0	0	0	0	67	230	0	0	1	0	0	0	0
FAGAC86	0.0	608.0			0	0	0	0	0	66	230	0	0	1	1	1	1	1
FAGAC86	0.0	613.5			0	0	0	0	0	64	230	0	0	1	1	1	1	1

DDH: FAGA086 UTM-N: 9C5,27C.7 UTM-E: 591,697.1 UTM-ELEV: 1,290.8 TOTAL DEPTH: 616.2 SECTION: W 108  
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	# DEPTH	T DEPTH	FEAT	REC	CD	PARLL	UPPER PLANE	INTERNAL PLANE	LOWER PLANE	DHD
FAGA086	9.4	29.0	2B				0	0	0	1
FAGA086	29.0	29.2	1G				0	0	99	1
FAGA086	29.2	33.5	2B				0	0	C	1
FAGA086	33.5	35.0	3B				0	0	C	1
FAGA086	35.0	36.2	BRG	2			0	0	0	1
FAGA086	0.0	36.8	1G				0	0	0	1
FAGA086	0.0	41.8	1G				C	0	0	1
FAGA086	89.3	91.4	TB				0	0	C	1
FAGA086	0.0	93.3	1GT				C	0	0	1
FAGA086	105.0	105.3	1TG				0	0	C	1
FAGA086	110.9	111.5	1G				0	0	0	1
FAGA086	115.5	115.8	1T				0	0	C	1
FAGA086	126.3	128.9	1T				0	0	C	1
FAGA086	131.0	133.0	T1G				0	0	99	1
FAGA086	135.0	135.3	1G				0	0	C	1
FAGA086	135.9	136.0	1G				0	0	0	1
FAGA086	151.1	153.7	BTG				0	0	C	1
FAGA086	182.8	184.4	BRG				0	0	C	1
FAGA086	191.5	191.7	1G				0	0	99	1
FAGA086	196.5	198.3	1B				0	0	C	1
FAGA086	0.0	199.3	T1G				0	0	C	1
FAGA086	202.9	203.0	G				0	0	C	1
FAGA086	0.0	219.3	1G				C	0	40	1
FAGA086	0.0	220.2	1G				0	0	200	1
FAGA086	225.8	226.1	3BG				0	0	C	1
FAGA086	227.0	227.3	1G				0	0	C	1
FAGA086	0.0	227.9	1G				0	0	C	1
FAGA086	232.5	234.3	T1G				0	0	0	1
FAGA086	234.3	235.3	2B				0	0	C	1
FAGA086	235.3	235.7	GBF				0	0	0	1
FAGA086	235.7	236.3	T				0	0	C	1
FAGA086	0.0	237.8	1G				0	0	C	1
FAGA086	0.0	239.3	1G				0	0	C	1
FAGA086	0.0	241.3	1G				0	0	C	1
FAGA086	243.0	243.2	R1G				0	0	C	1
FAGA086	0.0	245.5	1GT				0	0	0	1
FAGA086	248.1	248.2	1R				0	0	C	1
FAGA086	251.3	251.6	G				0	0	99	1
FAGA086	0.0	253.5	1R				0	0	C	1
FAGA086	0.0	254.2	1R				0	0	C	1
FAGA086	259.6	260.2	TG				0	0	0	1
FAGA086	0.0	264.3	FX				0	0	62	1
FAGA086	0.0	269.2	1FG				0	0	170	1
FAGA086	284.3	284.6	RGT				0	0	57	1
FAGA086	0.0	302.9	1G				0	0	C	1
FAGA086	302.9	304.6	2B				0	0	C	1
FAGA086	304.6	304.9	BRG				0	0	99	1
FAGA086	306.9	307.2	RB				0	0	C	1
FAGA086	307.2	309.1	2B				0	0	C	1
FAGA086	0.0	311.2	1G				0	0	0	1
FAGA086	311.9	312.4	BR				0	0	C	1

DDH: FAGA086 UTM-N: 905,97C.7 UTM-E: 591,697.1 UTM-ELEV: 1,290.8 TOTAL DEPTH: 616.2 SECTION: W 108  
 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	
FAGA086	312.4	312.7	FX				0	0	0	1	
FAGA086	312.7	314.0	S?				0	0	0	1	
FAGA086	315.0	315.9	BR				0	0	0	1	
FAGA086	0.0	319.1	1G				0	999	0	1	
FAGA086	321.5	321.8	1R				0	0	0	1	
FAGA086	326.5	327.2	1GR				0	99	999	1	
FAGA086	327.2	328.2	1BR				0	0	45	90	1
FAGA086	0.0	342.7	1R				0	0	0	1	
FAGA086	352.6	353.2	1G				0	0	0	1	
FAGA086	0.0	357.1	1G				0	0	0	1	
FAGA086	0.0	370.0	1G				0	0	0	1	
FAGA086	0.0	370.6	1G				0	0	0	1	
FAGA086	369.4	373.9	3BG	3			0	0	0	1	
FAGA086	0.0	373.9	1G				0	0	0	1	
FAGA086	0.0	376.4	1G				0	0	0	1	
FAGA086	376.1	376.5	3BR				0	0	0	1	
FAGA086	380.8	387.0	1R				0	0	0	1	
FAGA086	398.0	399.2	GFX				0	0	0	1	
FAGA086	399.2	400.8	1B				0	0	0	1	
FAGA086	400.8	402.6	S1X				0	0	0	1	
FAGA086	403.2	414.1	GR	6			0	0	0	1	
FAGA086	424.8	426.7	3RG				0	0	0	1	
FAGA086	500.1	500.4	G				0	0	0	1	
FAGA086	0.0	503.2	1G				0	0	0	1	
FAGA086	0.0	505.0	1G				0	0	0	1	
FAGA086	0.0	505.3	1F				0	40	340	1	
FAGA086	500.7	508.4	3B				0	0	0	1	
FAGA086	508.4	508.8	GR				0	0	0	1	
FAGA086	508.8	509.6	R				0	0	0	1	
FAGA086	509.6	510.6	RG				0	0	0	1	
FAGA086	510.6	511.5	2B				0	0	0	1	
FAGA086	511.5	511.6	R				0	0	0	1	
FAGA086	511.6	514.3	RFX				0	0	0	1	
FAGA086	514.3	516.6	2B				0	0	0	1	
FAGA086	528.2	529.7	6G				0	0	0	1	
FAGA086	538.5	538.8	2B				0	0	0	1	
FAGA086	550.1	551.3	1F				0	0	0	1	
FAGA086	0.0	552.6	1GR				0	0	0	1	
FAGA086	565.3	566.7	XQ				0	0	0	1	
FAGA086	566.7	566.7	FX				0	0	0	1	
FAGA086	0.0	580.6	1G				0	0	0	1	
FAGA086	587.6	588.4	2BG				0	45	350	1	
FAGA086	591.5	592.6	2B				0	0	0	1	
FAGA086	592.6	592.9	GFX				0	0	0	1	
FAGA086	593.5	597.4	FX				0	0	0	1	
FAGA086	597.4	602.9	FX				0	0	0	1	
FAGA086	602.9	607.9	S				0	0	0	1	
FAGA086	607.9	608.6	3S				0	0	0	1	
FAGA086	608.6	609.6	S				0	0	0	1	
FAGA086	609.6	616.3	1S				0	0	0	1	

DDH: FAGA086 UTM-N: 905,870.7 UTM-E: 591,697.1 UTM-ELEV: 1,290.8 TOTAL DEPTH: 616.2 SECTION: W 108  
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH SEGMENT NOS COND INDICATOR

FAGA086	1	2
FAGA086	2	2
FAGA086	3	2
FAGA086	4	2
FAGA086	5	2
FAGA086	6	2
FAGA086	7	2
FAGA086	8	2
FAGA086	9	1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: FAGA 086

Fabric Orientation Diagram:

Project: GRUM RE-LOG

Location: VANGARDA PLATEAU

Claim: \_\_\_\_\_

<sup>UTM</sup> ~~Terr. Plane~~  
Co-ords.: 6905870.6808 N

<sup>1975 HZW Survey</sup>  
591697.0918 E

Grid  
Co-ords.: 108+06W / 12+03N

All symmetry determinations looking

NW with S<sub>2</sub> dipping

Elevation: 1290.75

SW with dip azimuth 230°.

Total Depth: 2022 feet = 616.3m.

Purpose: \_\_\_\_\_

Logged by: LCP/GM

Date(s) Logged: Aug 9-10 / 1983

Drilling Contractor: \_\_\_\_\_ Core: Size From To Collar Cased and Capped: \_\_\_\_\_

BQ  
\_\_\_\_\_  
\_\_\_\_\_

Started: June 16, 1975 Completed: July 4, 1975



i FEET!

DDH F.A.G.A.086  
2 8

Cyprus Anvil Mining Corp.  
Lithologic Log

Page 3 of \_\_\_\_\_

Date: 9 Aug/83 Logged By: GAN/KCP

Code	From	To	Recov.	No.	Unit	Description	
L	10	14	16	20	22 24	26 28 30 34 35	Overburden - Triconed no core
L	1311.0	1310.2	8	01012	15B101	(5B6) Po & py porphyroblasts - sometimes mixed - sometimes individual Minor gauge @ 95.5 Interval 50-92 not very calcareous - poor lithons / lower half of subunit has no lithons & is non-calcareous / Nearly P32 foliated / gtz veins fizz 2.5 inches SDO @ 233' & another 1 inch SDO just below that SB <sup>low</sup> Normal lithon structure / med-light grey TOI - 95.4 mod. brkn \ 95.4-95.9 incip S2 11 gauge \ 95.9-110 mod brkn \ 110-115 strongly brkn \ 115-119.0 very brkn & rubblely w/ minor gauge - 20% recovery \ 119.0 - EOI mainly intact - 293-300 some brkn & poker chippy - 268.6 minor IND gauge w/ gtz vein - 121 minor gauge Only real problem interval 115-119 also richer in gtz veins - probably no significant faults	
L	1310.2	1310.9	5	01013	15D0	(5B0) 60:40 SD from 307-EOI & 302.0-304.1 & 305-306.5 - 3 bands Intact except 302 minor gauge & poker chippy core Both po & py porphyroblasts	
L	1310.9	1415.9	0	01014	15B10	Entirely calcareous / good lithons / med light grey phylite Couple of thin SDO bands @ 392 - up to 2" thick // S2 sharp contacts - another 3" thick @ 400.5 - 443 & 447 have minor SDO bands Usual gtz veins present 10d# x 5%	

379-380 minor poker chippy core \ 421-423 is  
2 short zones poker chippy \ 430-436.5 poker chippy w/  
minor incip S2 11 gauge \ 443-444 minor gauge cutting S2

Unit basically intact \ 344.5-345.5 minor poker chippy & incip S2 11 gauge \ 364-366 minor ind gauge  
Have po & py enclosed by po & py porphs - both all thru unit & S2 11 gauge

446-446.5 minor incip S2 11 gauge

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

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	141519	141613		0105	5D101	Small S <sub>2</sub> fold in 5D0 - Z symmetry for SW-dipping S <sub>2</sub> / INTACT
L	141613	141818		0106	5B1810	No 5D0 interlayers Po porphyroblasts / good litho structures / Intact
L	141818	141918		0107	5D101	(5B0) INTACT / Minor 5B0 interband @ 493 - about Birches thick
L	141918	151176		0108	5B1810	(5D0) 95105 5B0 is similar to above 5D0 as bands from 1" to 6" thick - contacts difficult to ascertain Po porphyroblasts TOI - 496 intact 496-504.5 strongly broken & gaker chipping w 11S <sub>2</sub> incip IND gne 504.5 - EOI intact
L	151176	151411		0109	5D101	(5B80) 95105 Intact / Homogeneous 5D - lacks typical gte-cc bands but has thicker, more irreg. gte-cc veins Py & Po together in porphs / Difficult to tell 5B80 from 5D0 has homog. speckled texture - locally suggests relic ign. texture / P <sub>52</sub> / Ind
L	151411	161450		0110	5B101	±8 (5D0) sharp 11S <sub>1</sub> contact TRACE 606.5-607 couple of thin 5D + 614.5-615.5 - 2 bands 5D 11S <sub>2</sub> B in 5B0 above unit not in evidence here Po porphs only / 5B8 at top & becomes less so as go down DDH

rocks distinctly greener than top of DDH  
Impression of halo around large 5D internal @ 541.1 ft

C.A.M.C. 1981 - E - 3A  
TOI - 600 core intact \ 600-605 very brkn brubly w/ minor incip. gauge - more weathered - some

steep calc. fractures 00-30° Core axis \ 605-628.5 intact \ 628.5-629 minor incip S<sub>2</sub> 11 gauge w/ gte vein \ 629-EOI intact w/ a few fractures @ 30° Core axis

FAGA 094

DRILL HOLE : FAGA094  
NORTHING : 905,956.0  
EASTING : 591,778.4  
ELEVATION : 1,299.0  
TOTAL DEPTH : 301.1  
SECTION : W 108  
R.F.E. : S2  
RFE DIRECTION: 230  
PLUNGE ANGLE : 11  
PLUNGE DIRECT: 312  
DHD CALC: 1  
SS CALC: 1

## DETAIL RECORD COUNTS:

NOS ORE-SAMPLES: 0  
NOS DOWN-H-SURVEYS: 6  
NOS DOWN-H-LITHOLOGY: 56  
NOS DOWN-H-STRUCTURE: 40  
NOS DOWN-H-FAULTS: 51  
NOS DOWN-H-SPLINES: 6  
NOS COMPOSITES: 0

DDH: FAGA094 UTM-N: 905,956.0 UTM-E: 591,778.4 UTM-ELEV: 1,299.0 TOTAL DEPTH: 301.1 SECTION: W 108  
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
30.500	177.000	73.000
91.400	173.500	83.000
152.400	173.000	98.000
213.400	171.000	87.000
274.300	173.000	193.000

DDH: FAGA094 UTM-N: 905,956.0 UTM-E: 591,778.4 UTM-ELEV: 1,299.0 TOTAL DEPTH: 301.1 SECTION: W 108  
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
3.0	0001	#		0.5-	1
53.4	0002	580	(10Q# CHLORITE) 98:02	0.5-	1
57.5	0003	500	(5880) 75:25	0.5-	1
58.2	0004	5880	[500 LITHON STRUCTURE]	0.5-	1
59.9	0005	500	(5880) 98:02	0.5-	1
61.6	0006	580	8 MINOR (10Q# CHLORITE) 50:50	0.5-	1
62.2	0007	500	SOME NO CORE	0.5-	1
64.1	0008	580	8 MINOR (10Q#) 80:20	0.5-	1
64.3	0009	500		0.5-	1
67.9	0010	580	8 MINOR	0.5-	1
79.0	0011	500	([5880]) IND PROPORTIONS	0.5-	1
81.4	0012	5880	(10Q# CHLORITE) 80:20	0.5-	1
85.5	0013	5880	(500) MINOR	0.5-	1
100.1	0014	580		0.5-	1
100.8	0015	500		0.5-	1
105.4	0016	580	(500)TRACE	0.5-	1
106.3	0017	500		0.5-	1
107.2	0018	580	2 MINOR (500)TRACE	0.5-	1
109.7	0019	500	(5880)MINOR	0.5-	1
110.7	0020	580	2 VERY MINOR	0.5-	1
111.9	0021	500		0.5-	1
112.3	0022	580	2 MINOR (10Q# CHLORITE) 70:30	0.5-	1
112.6	0023	500	(10Q# CHLORITE) 30:70	0.5-	1
118.2	0024	580	(500)TRACE	0.5-	1
118.7	0025	500		0.5-	1
121.9	0026	580	82 MINOR (500)TRACE	0.5-	1
124.6	0027	500	(5880) MINOR	0.5-	1
125.5	0028	580	2 MINOR (500) 60:40	0.5-	1
128.3	0029	500	(5880 -> 580 8 MINOR)	0.5-	1
132.5	0030	580	(500) MINOR	0.5-	1
134.2	0031	5820	(500) 50:50	0.5-	1
137.1	0032	500	(580) MINOR	0.5-	1
138.5	0033	580	88 MINOR	0.5-	1
139.2	0034	10Q#	CHLORITE (500) 90:10	0.5-	1
142.9	0035	500	(580) (5820) 80:10:10	0.5-	1
180.4	0036	580	88 V. MINOR LOCALLY	0.5-	1
185.7	0037	580	2 MINOR [5820] (500)TRACE	0.5-	1
234.5	0038	580		0.5-	1
237.0	0039	583		0.5-	1
247.6	0040	580		0.5-	1
248.0	0041	500		0.5-	1
248.6	0042	580		0.5-	1
251.3	0043	500	(5880) 90:10	0.5-	1
251.9	0044	580	2 V. MINOR	0.5-	1
265.7	0045	580	8 LOCAL MINOR	0.5-	1
266.6	0046	500	BIO	0.5-	1
275.7	0047	580		0.5-	1
277.8	0048	582\$	80 ->(5A\$ GOUGE)	0.5-	1
279.6	0049	500	(10Q#) (582)-TRACE	0.5-	1
284.2	0050	586	0 MINOR (500) 95:05	0.5-	1
284.6	0051	5823	-> 5A3	0.5-	1

DDH: FAGA094 UTM-N: 905,956.0 UTM-E: 591,778.4 UTM-ELEV: 1,299.0 TOTAL DEPTH: 301.1 SECTION: W 108  
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
293.5	0052	58\$	&2	0.5-	1
294.1	0053	5862	->5A6	0.5-	1
298.2	0054	586\$	&2 MINOR	0.5-	1
298.7	0055	5820	->5A3	0.5-	1
301.1	0056	580	(500)	0.5-	1

DDH: FAGA094 UTM-N: 905,956.0 UTM-E: 591,778.4 UTM-ELEV: 1,299.0 TOTAL DEPTH: 301.1 SECTION: W 108  
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHO CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE DIRECT	S1 ANGLE DIRECT	S2 ANGLE DIRECT	RFE	CDE	DHDC	SDC	PROCESS	
FAGA094	0.0	5.0	PS2		0	0	0	85	230	0	1	1	1
FAGA094	0.0	11.2	PS2		0	0	0	71	230	0	1	1	1
FAGA094	0.0	17.1	CS2	D	0	0	0	80	230	0	1	1	1
FAGA094	0.0	24.0	PS2		0	0	0	85	230	0	1	1	1
FAGA094	0.0	30.5	PS2		0	0	0	75	230	0	1	1	1
FAGA094	0.0	41.0	PS2		0	0	0	80	230	0	1	1	1
FAGA094	0.0	49.4	CS2		0	0	0	90	230	0	1	1	1
FAGA094	0.0	52.4	PS2		0	0	0	90	230	0	1	1	1
FAGA094	0.0	62.0	PS2		0	0	0	88	230	0	1	1	1
FAGA094	0.0	71.3	PS2		0	0	0	85	230	0	1	1	1
FAGA094	0.0	75.7	PS2		0	0	0	72	230	0	1	1	1
FAGA094	0.0	84.7	CS2		0	0	0	85	230	0	1	1	1
FAGA094	0.0	90.9	CS2		0	0	0	78	230	0	1	1	1
FAGA094	0.0	102.5	CS2		0	0	0	76	230	0	1	1	1
FAGA094	0.0	109.9	PS2		0	0	0	77	230	0	1	1	1
FAGA094	0.0	116.8	PS2		0	0	0	85	230	0	1	1	1
FAGA094	0.0	124.5	PS2		0	0	0	82	230	0	1	1	1
FAGA094	0.0	131.6	PS2		0	0	0	86	230	0	1	1	1
FAGA094	0.0	137.7	PS2		0	0	0	80	230	0	1	1	1
FAGA094	0.0	143.7	CS2		0	0	0	80	230	0	1	1	1
FAGA094	0.0	155.3	CS2		0	0	0	90	230	0	1	1	1
FAGA094	0.0	162.2	PS2		0	0	0	75	230	0	1	1	1
FAGA094	0.0	171.2	CS2		0	0	0	85	230	0	1	1	1
FAGA094	0.0	177.5	PS2		0	0	0	85	230	0	1	1	1
FAGA094	0.0	184.5	PS2		0	0	0	90	230	0	1	1	1
FAGA094	0.0	190.8	CS2	D	0	0	0	80	230	0	1	1	1
FAGA094	0.0	198.7	PS2		0	0	0	82	230	0	1	1	1
FAGA094	0.0	209.8	CS2		0	0	0	82	230	0	1	1	1
FAGA094	0.0	216.0	CS2		0	0	0	85	230	0	1	1	1
FAGA094	0.0	225.3	CS2		0	0	0	90	230	0	1	1	1
FAGA094	0.0	231.0	CS2		0	0	0	80	230	0	1	1	1
FAGA094	0.0	239.5	CS2		0	0	0	80	230	0	1	1	1
FAGA094	0.0	245.6	PS2		0	0	0	75	230	0	1	1	1
FAGA094	0.0	253.3	CS2		0	0	0	75	230	0	1	1	1
FAGA094	0.0	261.9	CS2		0	0	0	90	230	0	1	1	1
FAGA094	0.0	270.2	PS2		0	0	0	84	230	0	1	1	1
FAGA094	0.0	274.2	CS2		0	0	0	82	230	0	1	1	1
FAGA094	0.0	280.7	PS2		0	0	0	73	230	0	1	1	1
FAGA094	0.0	294.0	PS2		0	0	0	63	230	0	1	1	1
FAGA094	0.0	298.0	PS2		0	0	0	80	230	0	1	1	1

DDH: FAGA094 UTM-N: 905,956.0 UTM-E: 591,778.4 UTM-ELEV: 1,299.0 TOTAL DEPTH: 301.1 SECTION: W 108  
 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
FAGA094	3.0	9.0	2BT				0	0	0	1
FAGA094	31.7	34.7	2B	5			0	0	0	1
FAGA094	0.0	42.0	1G				0	0	0	1
FAGA094	42.1	44.4	2B	7			0	0	0	1
FAGA094	9.0	53.4	1B				0	0	0	1
FAGA094	59.9	61.6	2B				0	0	0	1
FAGA094	61.9	62.2	NNN				0	0	0	1
FAGA094	64.3	66.8	2B				0	0	0	1
FAGA094	66.8	67.0	R				0	0	0	1
FAGA094	67.0	75.9	2B				0	0	0	1
FAGA094	75.9	79.0	3B	7			0	0	0	1
FAGA094	79.0	81.4	2BR				0	0	0	1
FAGA094	81.4	83.4	3B	7			0	0	0	1
FAGA094	0.0	84.1	1R				0	0	0	1
FAGA094	83.4	85.5	1B				0	0	0	1
FAGA094	85.5	104.6	2B				0	0	0	1
FAGA094	104.6	104.8	1G				0	0	0	1
FAGA094	104.8	105.4	2B				0	0	0	1
FAGA094	106.3	107.2	1B				0	0	0	1
FAGA094	111.5	111.9	Q				0	0	0	1
FAGA094	112.6	118.2	1B				0	0	0	1
FAGA094	124.6	125.5	2B				0	0	0	1
FAGA094	127.2	127.8	R3B				0	0	0	1
FAGA094	128.3	132.5	2B				0	0	0	1
FAGA094	138.5	142.9	2B				0	0	0	1
FAGA094	142.9	146.0	1B				0	0	0	1
FAGA094	146.0	147.0	T				0	0	0	1
FAGA094	164.9	166.0	R3B				0	0	0	1
FAGA094	167.8	168.1	1G				0	0	0	1
FAGA094	0.0	168.9	C				0	0	0	1
FAGA094	0.0	173.5	1G				0	0	0	1
FAGA094	180.4	182.0	3B				0	0	0	1
FAGA094	182.0	190.7	2B				0	0	0	1
FAGA094	190.7	190.8	G				0	0	0	1
FAGA094	190.8	200.5	2BG				0	0	0	1
FAGA094	200.5	203.0	2B				0	0	0	1
FAGA094	203.0	206.3	B1R	2			0	0	0	1
FAGA094	0.0	221.3	1G				0	0	0	1
FAGA094	0.0	233.4	1G				0	0	0	1
FAGA094	206.3	234.5	1B				0	0	0	1
FAGA094	237.0	237.2	R				0	0	0	1
FAGA094	0.0	237.8	1G				0	0	0	1
FAGA094	0.0	251.9	1R				0	0	0	1
FAGA094	277.0	277.8	GRT				0	0	0	1
FAGA094	277.8	279.6	R3B	6			0	0	0	1
FAGA094	279.6	282.2	2B				0	0	0	1
FAGA094	282.2	284.2	GRB	5			0	0	0	1
FAGA094	284.2	284.6	2B				0	0	0	1
FAGA094	284.6	293.5	GR	5			0	0	0	1
FAGA094	293.5	298.7	2B				0	0	0	1
FAGA094	298.7	301.1	3B	6			0	0	0	1

07OCT83 GRUM

DOWN-HOLE SPLINES (DH020)

PAGE: 36

DDH: FAGA094 UTM-N: 905,956.0 UTM-E: 591,778.4 UTM-ELEV: 1,299.0 TOTAL DEPTH: 301.1 SECTION: W 108  
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH SEGMENT NOS COND INDICATOR

FAGA094	1	2
FAGA094	2	2
FAGA094	3	2
FAGA094	4	2
FAGA094	5	2
FAGA094	6	1

\*\*THIS REPORT WAS REQUESTED BY: LEEP .GEOLOGY AT: 14:26:00

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: FAGA 094

Fabric Orientation Diagram:

Project: GRUM RE-LOG

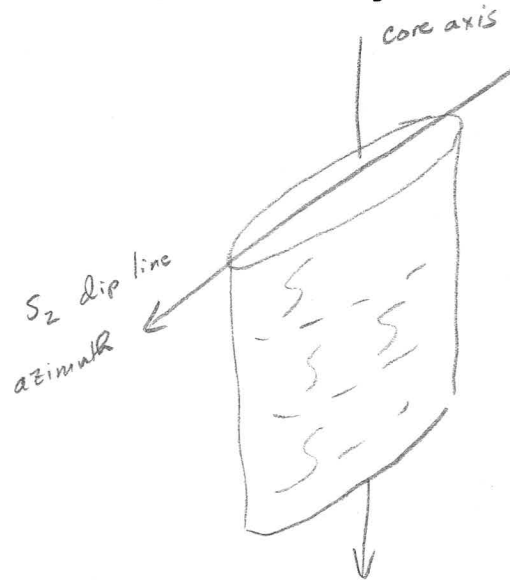
Location: VANGORDA PLATEAU

Claim: \_\_\_\_\_

Terr. Plane Co-ords.: 6905956.5762 N

591778.4422 E

Grid Co-ords.: 108 W / 16 N



All symmetry determinations looking

NW with S<sub>2</sub> dipping

SW with dip azimuth 230°.

Elevation: 1299.62

Total Depth: 301.1 meters

Purpose: \_\_\_\_\_

Logged by: GAS/LCP

Date(s) Logged: Aug 13, 1983

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

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

Started: July 20, 1975 Completed: July 25, 1975



DDH F.A.G.A.09.4  
2 8Cyprus Anvil Mining Corp.  
Lithologic LogPage 3 of \_\_\_\_\_Date: 13 Aug 83 Logged By: GAJ/KCP

Code	From	To	Recov.	No.	Unit	Description
	10 14 16	20 22 24	26 28 30	34 35		
L	10.0	13.0		1	#1	Overburden & casing No core
L	13.0	15.34		2	51810	(100% chlorite) 98:02 Interval 3-9 m not very calcareous / From 22m down have 1/2 m sections which are poorly calcareous Mod. developed lithon structure. Perhaps po & py porphyroblasts & mixed ores Minor interbedded SDO @ end of unit TOZ - 9.0 med. broken - typical top of hole galena chippy / 9-EOI med. broken to intact 31.7-34.7 3 1/2 m core loss - no reason evident for it 42.1-44.4 - only 1.6m recovered - no reason evident - unknown IND gauge @ 42.0 100 10-20cm thick 115 <sub>2</sub>
L	15.34	15.75		3	51010	(5B80) 5B80 mainly from 56-57 Mostly intact
L	15.75	15.82		4	51810	[SDO lithon structure] Intact
L	15.82	15.99		5	51010	(5B80) 98:02 Possible 5B80 Pretty homogeneous Similar to above SDO Intact

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	159 9	161 6		16	5B101	minor 8 (10Q# chlorite) 50:50 Not very calcareous / Mod. brkn
L	161 6	162 2		7	5D101	(AIR) 50:50 sample taken by KA Qtz-cc bands in it / intact
L	162 2	164 1		18	5B101	minor 8 (10Q#) 80:20 Some green mineral in glass bands - micro-lithons - generally in areas not so cc-rich Intact
L	164 1	164 3		19	5D101	Intact
L	164 3	167 9		110	5B101	minor 8 Not very calcareous / Mod. to poor lithons / Mod grey S <sub>2</sub> foliar / Pale green mineral on cut surface TOE - 66.8 mod. brkn / 66.8-67.0 Rubby / 67-67E Mod. brkn Green increases toward EOE
L	167 9	171 0		111	5D101	(5B80) Ind proportions Difficult to tell unit apart - essentially green phyllite Locally color banded - about 70% i.e. interbanded possible 5B80 instead of color banded 5D0 Decent recov. / Mod. brkn TOE - 75.9 / 75.9-80E very brkn w/ 75% recov.
L	171 0	181 4		112	5B101	(10Q# chlorite) 80:20 Only minor calcite / poor lithons Mod. brkn w/ local rubble - esp at top - no faults noted

Code	From				To				Recov.	No.	Unit	Description
	10	14	16	20	22	24	26	28				
L	1814		1855						113	5B10	(SDO) minor	
											SD occurs near TOI # 84.1 Bulk of interval can be interpreted as 5B8.	
											Stunning green on cut surface - definite grey on Sz folia for last 1/2 m.	
											Upper half can be considered [SDO]	
											TOI - 83.4 very broken - 75% recover \ 83.4 - EOI mod. broken to intact w/ minor rubble @ 84.1. No faults	
L	1855		110101						114	5B101		
											Fair lithons - noncalc. sections only a few 10's of cm.	
											Both po > py porphyroblasts	
											Mod. broken throughout \ traces of gouge & rubble \ nothing - signif	
L	110101		110108						115	5D101		
											homogeneous / intact	
L	110108		110154						116	5B101	(SDO) trace	
											SD as 1.3cm interband @ 102.5	
											Mod broken to intact TOI - 104.6 \ 104.6 - 104.8 minor IWD gouge \ 104.8 - EOI mod. broken	
L	110154		110163						117	5D101		
											Intact	
L	110163		110172						118	5B101	minor 2 (SDO) trace	
											Definitely greener than normal 5B but not much	
											Intact to mod. broken	
											SDO as 1 sharply bounded 1cm band	

Code	From		To		Recov.		No.		Unit		Description
	10	14	16	20	22	24	26	28	30	34	
L	1107	2	1109	7				119	15D01		(5B80) minor Some colour banding 5B80 @ 108.2 - sharp contact // S <sub>1</sub> Intact Sampled
L	1109	7	1110	7				120	15B101		very minor 2 Slightly darker than normal. / Intact
L	1110	7	1111	9				121	15D101		least 0.4 m in pt-cc vein / Intact
L	1111	9	1112	3				122	15B101		minor 2 (100# chlorite) 70:30
	1112	3	1112	6				123	15D101		(100# chlorite) 30:70
	1112	6	1118	2				124	15B101		(5D0) trace Upper 1.5 m is very minor 2. SD interband 2cm thick @ 117.9 sharp S <sub>2</sub> // contacts Pa & py porphyroblasts Intact to below
L	1118	2	1118	7				125	15D101		Intact May be an F2 hinge
L	1118	7	1121	9				126	15B101		± minor 2 (5D0) trace SD @ 119.8 as 3cm sharp // S <sub>2</sub> contacts minor 2 fr interval 119.6-120.5

Code	From				To				Recov.	No.	Unit	Description
	10	14	16	20	22	24	26	28				
L	1121	19	1124	6					127	5D101	(5880) minor Intact	
L	1124	6	1125	5					128	5B101	minor 2 (5D0) 60140 Mod. brkn / no gang / etc. Good interbedded 5D & 5B sharp contacts    S <sub>2</sub> & S <sub>1</sub>	
L	1125	5	1128	3					129	5D101	(5880) → 5B0 minor 8 Could be dominantly 5D with thin litho bands w/ carbonates But also could have quite a bit of 5B8 - hard to tell apart TOE -127.2 intact \ 127.2-127.8 rubble & very brkn (5B±B) \ 127.8-EDT intact	
L	1128	3	1132	5					130	5B101	(5D0) minor 5D0 less than 1% - scattered thin bands mod. brkn Po > py graphs Unit has green mineral - bands in more of time & less calcareous lithos	
L	1132	5	1134	2					131	5B1210	(5D0) 5D:50 Most 5D0 above 133.2 Intact / looks like carbonaceous 5D/5B package of sect 88w - but not very dk gray Py & po graphs in 5D0	
L	1134	2	1137	1					132	5D101	(5B0) minor 5B or very thin interband Intact	

Code	From	To	Recov.	No.	Unit	Description
1	10 14 16	20 22 24	26 28 30	34 35		
L	11371	11385		133	5B01	± minor 8
L	11385	11392		134	110A#	chlorite (5D0) 90:10 Mod. brkn
L	11392	11429		135	5D19	(5B0) (5B20) 80:10:10 5B as 10cm interbands scattered separated by 10-50cm 5D0 Mod. brkn / 0.4m lost in upper portion
L	11429	11810		136	5B10	± very minor 8 locally 158.7-158.8 approx 5B20 Mod. to poorly developed lillons - short noncalcaceous sections < 1/2m thick. Slightly brkn TOI-146 \ 146-147 porph. chippy \ 149.6-149.9 minor rubble \ very brkn 164.9-166 w/ minor rubble \ 167.8-168.1 minor ind gauge 168.9 sand - probable cave \ 173.5 trace TND gauge Otherwise slightly brkn - basically intact Typical bluish gray to greenish gray color on cut surface
L	11810	11815		137	5B10	minor 2 [5B20] (5D0) trace 5D0 as thin interbands \ 2cm band & 10cm band Dark med. gray to dk gray w/ darker S <sub>2</sub> folia Bands into 5B2 Strongly brkn to 182 \ Mod. brkn below that

Code	From				To				Recov.		No.		Unit	Description
	10	14	16	20	22	24	26	28	30	34	35			
L	118	157	121	345						1310	1518101		Mod to stazzy lithons - generally calcareous w/ 0.2-0.4 m lvs calcareous TOI - 190.7 mod broken \ 190.7-190.8 gauge \ 190.8 - 200.5 mod broken w/gauge @ 200.5-203.0 mod broken \ 203.0-206.3 broken core, minor rubble 20% recov. - EOI looks like mislatah \ 206.3-FOI slightly broken trace gauge 221.3 TWD @ 233.4 TWD Interval 194.2-211.0 core is very slightly more green. Doesn't show on dry surface. - might be contrast to rest of unit which is a slightly darker grey x 2% 10Q# chlorite #S <sub>2</sub> & locally 11S <sub>1</sub> / hinges D <sub>2</sub> folds / locally cuts S <sub>2</sub>	
L	121	345	121	370						1319	1518131		Good lithons / intact	
L	121	370	121	476						1410	1518101		0.2 m rubble @ TOI \ Slightly broken - intact \ trace gauge 0.8 m from TOI Po porphyroblasts - also py	
L	121	476	121	480						1411	1518101		intact	
L	121	480	121	486						1412	1518101		poor lithons - slightly darker grey / Intact	
L	121	486	121	511	3					1413	1518101		(5B80) 90110	

5B8 near centre of interval

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	12151 3	12151 9		1414	15B101	v. minor 2 As above unit #42 / intact - minor rubble @ EOT
L	12151 9	12165 7		1415	15B101	local minor 8 Some green mineral in lithons - more notable than above in DDH minor Pa phsp / intact
L	12165 7	12166 6		1416	15D101	biotite gd phsp / intact
L	12166 6	12175 7		1417	15B101	Pa phsp / green mineral in lithons Small black chert nodules noted. Upper 3m darker grey than normal / lower contact w/ 5B2 is gradational Core intact
L	12175 7	12177 8		1418	15B121	± 0 → (5A # gauge) First 0.3m is cc-bearing / below that is dolomite Minor SD w/ large qtz-cc vein & another 2cm SD TOI - 277 intact \ 277 - EOT gauge, rubble, potter chip - gauge IND
L	12177 8	12179 6		1419	15D101	(10Q #) (5B2) - trace Very brkn & rubbly \ recovery 70% 276.5 - 279.5
L	12179 6	12184 2		1510	15B161	minor 0 (SD0) 95:05 Very slightly cc-bearing dk grey phyllite SD as < 1cm - 10cm bands sharp S <sub>2</sub> // contacts

Mod. brkn TOI - 282.2 \ 282.2 very brkn - 284.2 - gauge & rubble only 1m recovered.  
282.2 -

Code	From		To		Recov.		No.		Unit		Description
	10	14	16	20	22	24	26	28	30	34	
L	121814	2	121814	6				1511	15181213		→ 5A3 Very calcareous, dk grey almost black. P52. f/m Mod. brkn
L	121814	6	121913	5				1512	151811	± 2	Entirely gauge & rubble TOI - gauge IND - appears to crosscut S <sub>2</sub> internal fabric locally steep / S <sub>2</sub> @ 286.5 is 10° to core axis Suggests steep fault - similarity of rocks on both sides indicates not major steep fault. But may be reason for lost hole Guess 10°-20° core axis range Recovery very bad. 4½ m. core for 9m. interval 286.5-293.5 has only 3m. recovered 289-293.5 only taken recovery
L	121913	5	121914	1				1513	15181612		→ 5A6 Very dk grey, pervasive S <sub>2</sub> foliated phyllite. Black on wet surface - not good 5A dry X Mod. brkn
L	121914	1	121918	2				1514	15181611	± minor 2	Mod. brkn / local rubble & gauge - recov. ok / poor lithous out of fault zone Gradational lower contact

DDH F.A.G.A.O.9.4  
 2 8

Cyprus Anvil Mining Corp.  
 Lithologic Log

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Date: 13 Aug 83 Logged By: GAI/LCP

Code	From				To				Recov.				No.				Unit				Description				
	1	10	14	16	20	22	24	26	28	30	34	35	1	10	14	16	20	22	24	26		28	30	34	35
L	12918	2	12918	7						155	158	12	10												→ 543 Mod. brkn
L	12918	7	3101	1						156	158	10	1												(500) Core very brkn - much is reground - recovery 60% looks like mismatch
																									EOH

Structural Log

Code	From		To		Feature	SYM	S <sub>0</sub>		S <sub>1</sub>		S <sub>2</sub>		Description
	10	14	16	20			Dip	Direct.	Dip	Direct.	Dip	Direct.	
	26	28	32	34	38	40	44						
S				150	PS12						815	21310	
S				111	2 PS12						71		local CS2
S				117	1 CS12D						810		
S				240	PS12						815		region of CS2
S				310	5 PS12						715		region of CS2
S				411	0 PS12						810		region of CS2
S				494	CS12						910		
S				524	PS12						910		region of CS2
S				620	PS12						88		late crenulations @ 40
													→ CS2 locally
S				71	3 PS12						815		
S				75	7 PS12						712		
S				847	CS12						815		
S				910	CS12						718		
S				110	25 CS12						716		
S				110	9 PS12						717		
S				111	68 PS12						815		
S				112	45 PS12						812		
S				113	16 PS12						816		
S				113	77 PS12						810		
S				114	37 CS12						810		
S				115	53 CS12						910		
S				116	22 PS12						715		
S				117	12 CS12						815		
S				117	75 PS12						815		
S				118	45 PS12						910		
S				119	108 CS12D						810		
S				119	87 PS12						812		→ CS2
S				20	48 CS12						812		
S				21	160 CS12						815		
S				22	253 CS12						910		
S				22	310 CS12						810		→ PS2
S				22	3195 CS12						810		
S				22	456 PS12						715		
S				22	533 CS12						715		→ PS2
S				22	619 CS12						910		



Meters!

DDH F.A.G.A.094  
2 8

Cyprus Anvil Mining Corp.

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Structural Log

Date:            Logged By:           

Code	From				To				Feature	S <sub>0</sub> Dip Direct.	S <sub>1</sub> Dip Direct.	S <sub>2</sub> Dip Direct.	Description		
	10	14	16	20	22	24	26	28						32	34
F		13	0		19	0			21BT						Mod. brken - poken chippy - typical Top of Hole
F			19	0		15	3	4	11B1						Mod. brken to intact
F		13	1	7		13	4	7	21B1	5					50% recovery - no evident reason for it
F		14	2	1		14	4	4	21B1	7					70% recovery - again no evident reason for core loss
F					14	2	0		11G1						Minor IND gauge
F		15	9	9		16	1	6	21B1						Mod. brken
F		16	4	3		16	6	8	21B1						Mod. brken
F		16	6	8		16	7	0	R1						rubbly
F		16	7	0		17	5	9	21B1						Mod. brken
F		17	5	9		17	9	0	31B1	7					v. brkn w/ 75% recovery
F		17	9	0		18	1	4	21B1R						mod. brken w/ local rubble - no faults noted
F		18	1	4		18	3	4	31B1	7					v. brken - 75% recovery
F		18	3	4		18	5	5	11B1						mod. brken to intact - no faults
F					18	4	1		11R1						minor rubble
F		18	5	5		110	4	6	21B1						mod. brken - minor traces of gauge & rubble - no faults
F		110	4	6		110	4	8	11G1						minor IND gauge
F		110	4	8		110	5	4	21B1						Mod. brken
F		110	6	3		110	7	2	11B1						Intact to mod. brken
F		111	1	5		111	1	9	Q1						Qtz-cc vein
F		111	2	6		111	8	2	11B1						intact to brken
F		112	4	6		112	5	5	21B1						Mod. brken - no gauge
F		112	7	2		112	7	8	R131B						rubbly & very brken
F		112	8	3		113	2	5	21B1						Mod. brken
F		113	8	5		114	2	9	21B1						Mod. brken
F		114	2	9		114	6	0	11B1						Slightly brken
F		114	6	0		114	7	0	T1						poken chippy
F		116	4	9		116	6	0	R131B						very brkn w/ minor rubble
F		116	7	8		116	8	1	11G1						minor IND gauge
F					116	8	9		G1						sand - probable cave
F					117	3	5		11G1						trace IND gauge
F		118	0	4		118	2	0	31B1						strongly brken

Meters!

DDH F.A.G.A.09.4  
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Cyprus Anvil Mining Corp.

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Structural Log

Date:      Logged By:     

Code	From		To		Feature	SYM	S <sub>0</sub>		S <sub>1</sub>		S <sub>2</sub>		Description
	10	14	16	20			Dip	Direct.	Dip	Direct.	Dip	Direct.	
F	11812	0	11910	7	21B1								Mod. broken.
F	11910	7	11910	8	G1								
F	11910	8	121010	5	21B6								mod broken - gouge @ EOI
F	121010	5	121030	2	1B1								mod. broken
F	121030	0	121063	3	11R2								brkn, minor rubble 20% recovery
F	121063	3	121345	1	1G1								slightly broken
F			121313	4	1G1								trace INO gouge
F			121313	4	1G1								trace INO gouge
F	121370		121372	2	R1								rubble
F			121378	1	1G1								trace gouge
F			121519	1	1R1								minor rubble
F	121770		121778	8	G1R1								INO gouge, rubble, galen chips
F	121778		121719	6	R131B6								v. broken & rubble
F	121719	6	121822	2	21B1								mod. broken
F	121822	2	121842	2	G1R1B5								gouge & rubble / v. broken
F	121842	2	121846	2	21B1								mod. broken
F	121846		121913	5	G1R1	5							entirely gouge & rubble - major loss in interval 289 - EOI
F	121913	5	121918	7	21B1								Mod. broken
F	121918	7	131011	1	31B1	6							v. broken - recovery 60% looks like mismatch - reground core

FAGA 015

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: FAGA 015

Fabric Orientation Diagram:

Project: \_\_\_\_\_

NOT LOGGED BY CAMC

Location: \_\_\_\_\_

Claim: CHUCK 1

UTM ~~True~~ Plane  
Co-ords.: 6905493.1921 N

1979 HIW  
ORTHO PHOTO  
SURVEY  
Grid  
Co-ords.: 592026.0160 E

Co-ords.: 92W / 10N

All symmetry determinations looking

\_\_\_\_\_ with \_\_\_\_\_ dipping

Elevation: 1316.5m.

\_\_\_\_\_ with dip azimuth \_\_\_\_\_.

Total Depth: 249.6m.

Purpose: \_\_\_\_\_

Logged by: \_\_\_\_\_ Date(s) Logged: \_\_\_\_\_

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

Started: JUNE 21/74 Completed: JUNE 25/74





FAGA 016

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: FAGA 016

Fabric Orientation Diagram:

Project: \_\_\_\_\_

*NOT LOGGED BY CAMC*

Location: \_\_\_\_\_

Claim: \_\_\_\_\_

Terr. Plane  
Co-ords.: 6905662.7481 N

*1979 HEW  
Orthophoto Survey*  
591930.4982 E

Grid  
Co-ords.: 98W / 12N

All symmetry determinations looking

\_\_\_\_\_ with \_\_\_\_\_ dipping

Elevation: 1310.5 m *CAMC Topo maps.* \_\_\_\_\_ with dip azimuth \_\_\_\_\_.

Total Depth: 304.5 m.

Purpose: \_\_\_\_\_

Logged by: \_\_\_\_\_ Date(s) Logged: \_\_\_\_\_

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

Started: June 26/74 Completed: July 5/74





FAGA 018

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: FAGA 018

Fabric Orientation Diagram:

Project: \_\_\_\_\_

NOT LOGGED BY CAMC

Location: \_\_\_\_\_

Claim: GRUM 1

UTM ~~Terr.~~ Plane  
Co-ords.: 6905312.8396 N

1979 HIW  
ORTHO PHOTO  
SURVEY  
Grid

Co-ords.: 591855.9311 E

Co-ords.: 92W / 2N

All symmetry determinations looking

\_\_\_\_\_ with \_\_\_\_\_ dipping

Elevation: 1322.4 m.

\_\_\_\_\_ with dip azimuth \_\_\_\_\_.

Total Depth: 448.4 m.

Purpose: \_\_\_\_\_

Logged by: \_\_\_\_\_ Date(s) Logged: \_\_\_\_\_

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

Started: July 7/74 Completed: July 13/74

(362.1m)

Reopened as A018  
(FAGA018A)

July 9/75

July 14/75 (448.4m)





FAGA 025

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: FAGA 025

Fabric Orientation Diagram:

Project: \_\_\_\_\_

*NOT LOGGED BY CAMC*

Location: \_\_\_\_\_

Claim: CHUCK 1

UTM Terr. Plane  
Co-ords.: 6905751.396 N

*CAMC Mine Survey*  
592096.936 E

Grid  
Co-ords.: 96W / 18+00 N

All symmetry determinations looking

\_\_\_\_\_ with \_\_\_\_\_ dipping

Elevation: 1301.339

\_\_\_\_\_ with dip azimuth \_\_\_\_\_.

Total Depth: 315.2 m.

Purpose: \_\_\_\_\_

Logged by: \_\_\_\_\_ Date(s) Logged: \_\_\_\_\_

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

Started: July 30/74 Completed: Aug 10/74





FAGA 034

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: FAGA 034

Fabric Orientation Diagram:

Project: \_\_\_\_\_

Location: \_\_\_\_\_

Claim: CHUCK 6

UTM ~~Text~~. Plane  
Co-ords.: 6905689.4939 N

1979 HZW  
DATAPHOTO SURVEY  
591708.8188 E

Grid  
Co-ords.: 104W / 8+04N

All symmetry determinations looking

\_\_\_\_\_ with \_\_\_\_\_ dipping

Elevation: 1304.69 m.

\_\_\_\_\_ with dip azimuth \_\_\_\_\_.

Total Depth: 273.9 m.

Purpose: \_\_\_\_\_

Logged by: \_\_\_\_\_ Date(s) Logged: \_\_\_\_\_

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

Started: SEPT 1/74 Completed: NOV 1/74





FAGA 057

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: FAGA 057

Fabric Orientation Diagram:

Project: \_\_\_\_\_

Location: \_\_\_\_\_

*NOT LOGGED BY CAML*

Claim: CHUCK 6

Terr. Plane  
Co-ords.: 6905.564.5617 N

*1979 HIW  
ORTHO PHOTO SURVEY* 591758.4358 E

Grid  
Co-ords.: 100+00 W / 6+00 N

All symmetry determinations looking

\_\_\_\_\_ with \_\_\_\_\_ dipping

Elevation: 1314.9 m.

\_\_\_\_\_ with dip azimuth \_\_\_\_\_.

Total Depth: 416.4 m.

Purpose: \_\_\_\_\_

Logged by: \_\_\_\_\_ Date(s) Logged: \_\_\_\_\_

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

Started: Nov 2/74 Completed: Dec 3/74





FAGA 091

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: FAGA 091

Fabric Orientation Diagram:

Project: \_\_\_\_\_

NOT LOGGED BY CAMC

Location: \_\_\_\_\_

Claim: \_\_\_\_\_

UTM ~~Text~~. Plane  
Co-ords.: 6905907.1148 N

1979 HIW  
ORTHO PHOTO  
Survey  
Grid  
Co-ords.: 591567.8256 E

Co-ords.: 112+00W / 10+00N

All symmetry determinations looking

\_\_\_\_\_ with \_\_\_\_\_ dipping

Elevation: 1289.54m.

\_\_\_\_\_ with dip azimuth \_\_\_\_\_.

Total Depth: 541.0m.

Purpose: \_\_\_\_\_

Logged by: \_\_\_\_\_ Date(s) Logged: \_\_\_\_\_

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

Started: July 5/75 Completed: July 19/75





FAGA 146

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: FAGA 146

Fabric Orientation Diagram:

Project: \_\_\_\_\_

*NOT LOGGED BY CAMK*

Location: \_\_\_\_\_

Claim: \_\_\_\_\_

UTM ~~Terr.~~ Plane  
Co-ords.: 6905583.4644 N

*1979 HELD  
ORTHO PHOTO SURVEY*  
592100.3570 E

Grid  
Co-ords.: 92W / 14N

All symmetry determinations looking

\_\_\_\_\_ with \_\_\_\_\_ dipping

Elevation: 1313.17m.

\_\_\_\_\_ with dip azimuth \_\_\_\_\_.

Total Depth: 149.4m.

Purpose: \_\_\_\_\_

Logged by: \_\_\_\_\_ Date(s) Logged: \_\_\_\_\_

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

Started: Aug 27/76 Completed: Aug 29/76





FAGA 148

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: FAGA 148

Fabric Orientation Diagram:

Project: \_\_\_\_\_

NOT LOGGED by CAMC

Location: \_\_\_\_\_

Claim: \_\_\_\_\_

UTM ~~Terr. Plane~~  
Co-ords.: 6905673.7641 N

1979 HEW  
ORTHO PHOTO SURVEY  
Grid  
Co-ords.: 592181.8865 E

Co-ords.: 92W / 18N

All symmetry determinations looking

\_\_\_\_\_ with \_\_\_\_\_ dipping

Elevation: 1312.2m.

\_\_\_\_\_ with dip azimuth \_\_\_\_\_.

Total Depth: 113.7m.

Purpose: \_\_\_\_\_

Logged by: \_\_\_\_\_ Date(s) Logged: \_\_\_\_\_

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

Started: Aug 30/76 Completed: SEPT 1/76



