

014986

SECTION
60M

FA64 031

84/1C/18

GRUM DATABASE - QUIZ REPORT

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

DRILL HOLE : FAGAC31
NORTHING : 904,617.2
EASTING : 592,533.0
ELEVATION : 1,267.6
TOTAL DEPTH : 217.0
SECTION : W 60
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
CHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

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

26SEP84 GRUM

DOWN-HOLE SURVEYS (DHO20)

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WDH: FAGACS1 UTM-N: 904,617.2 UTM-E: 592,533.0 UTM-ELEV: 1,267.6 TOTAL DEPTH: 217.6 SECTION: W 60
RFE: S2 RFE DIP: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

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

BDH: FAGAC31 UTM-N: 904,417.2 UTM-E: 592,533.0 UTM-ELEV: 1,267.6 TOTAL DEPTH: 217.6 SECTION: W 60
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
46.0	CCC1	#	C/B - TRICONED	0.5-	1
55.5	CCC2	#	C.9M GRANITE Boulders	0.5-	1
65.8	CCC3	5B80	(5B0) (500) 90:07:03	0.5-	1
105.5	CCC4	5B6	8 2 MINOR	0.5-	1
114.6	CCC5	5A60		0.5-	1
115.9	CCC6	4C4	-> 4E4 & 6 (SC4 FUCH) 90:10	0.5-	1
118.0	CCC7	4L6	WEAK	0.5-	1
119.2	CCC8	4L6	WEAK -> (5B64)	0.5-	1
119.5	CCC9	4A0	[5A19]	0.5-	1
122.2	CC10	4L6	WEAK 2 MINOR	0.5-	1
125.2	CC11	5A19	[4A0]->(4L6 WEAK 2 MINOR)60:40	0.5-	1
124.4	CC12	4E4	8# (4L6 WEAK)(4HS) 90:10:MINOR	0.5-	1
133.6	CC13	5A19	MINOR 9 (PY) MINOR	0.5-	1
135.9	CC14	4E10	8->(4G48)(4L6 WEAK)(5A19 MIN)	0.5-	1
137.8	CC15	5A19	MINOR (5D48) 80:20	0.5-	1
141.4	CC16	4L18	6 WEAK -> (5A19 MINOR) 80:20	0.5-	1
148.3	CC17	5B62	S -> (5B6248) 80:20	0.5-	1
148.3	CC18	4C3	-> 4E1	0.5-	1
152.1	CC19	5B63	1	0.5-	1
158.8	CC20	5B23	C	0.5-	1
164.1	CC21	5B6	8# 84	0.5-	1
168.5	CC22	5B62	(4L6) GOUGE	0.5-	1
172.5	CC23	4E48	8# -> (4G48) 8 BXA 90:20	0.5-	1
173.1	CC24	5B62		0.5-	1
174.0	CC25	4E0	8# 86 BXA	0.5-	1
176.5	CC26	5B6	8C GOUGE	0.5-	1
199.5	CC27	5A19	MINOR (5D48) TRACE	0.5-	1
205.7	CC28	1C	84 [1CD]	0.5-	1
209.6	CC29	3FC		0.5-	1
211.5	CC30	3D		0.5-	1
211.8	CC31	3FC		0.5-	1
214.6	CC32	1CD	84 (3D) 70:30	0.5-	1
215.2	CC33	4L	MYLONITE? [5D48#]	0.5-	1
217.6	CC34	3C	(1CD) (3FO)	0.5-	1

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

CDH	F DEPTH	T DEPTH	FEAT	SYMTRY	SG	ANGLE	DIRECT	S1	ANGLE	DIRECT	S2	ANGLE	DIRECT	RFE	CDE	DHDC	SDC	PROCESS
FAGAC31	0.0	56.9	CS2		C		C	0		C	82		230	C		1	1	1
FAGAC31	0.0	60.0	CS2		C		C	0		C	77		230	C		1	1	1
FAGAC31	0.0	63.7	PS2				C	0		C	75		230	C		1	1	1
FAGAC31	0.0	67.7	CS2	D			C	0		C	70		230	C		1	1	1
FAGAC31	0.0	68.5	CS2	Z			C	0		C	78		230	C		1	1	1
FAGAC31	0.0	73.1	PS2				C	0		C	87		230	C		1	1	1
FAGAC31	0.0	77.7	CS2	S			C	0		C	80		230	C		1	1	1
FAGAC31	0.0	80.7	CS2	Z			C	0		C	72		230	C		1	1	1
FAGAC31	0.0	86.0	CS2	S			C	0		C	60		230	C		1	1	1
FAGAC31	0.0	89.6	PS2				C	0		C	90		230	C		1	1	1
FAGAC31	0.0	92.3	PS2	Z			C	0		C	75		230	C		1	1	1
FAGAC31	0.0	97.5	PS2				C	0		C	82		230	C		1	1	1
FAGAC31	0.0	100.5	PS2				C	0		C	76		230	C		1	1	1
FAGAC31	0.0	104.8	CS2				C	0		C	77		230	C		1	1	1
FAGAC31	0.0	108.2	CS2				C	0		C	70		230	C		1	1	1
FAGAC31	0.0	111.8	CS2	S			C	0		C	63		230	C		1	1	1
FAGAC31	0.0	114.3	CS2				C	0		C	85		230	C		1	1	1
FAGAC31	0.0	117.3	PS2				C	0		C	55		230	C		1	1	1
FAGAC31	0.0	120.0	CS2	S			C	0		C	83		230	C		1	1	1
FAGAC31	0.0	123.7	PS2				C	0		C	66		230	C		1	1	1
FAGAC31	0.0	128.6	PS2				C	0		C	66		230	C		1	1	1
FAGAC31	0.0	131.0	PS2				C	0		C	78		230	C		1	1	1
FAGAC31	0.0	134.1	PS2				C	0		C	72		230	C		1	1	1
FAGAC31	0.0	137.1	CS2	S			C	0		C	73		230	C		1	1	1
FAGAC31	0.0	140.2	PS2				C	0		C	80		230	C		1	1	1
FAGAC31	0.0	147.5	CS2	S			C	0		C	70		230	C		1	1	1
FAGAC31	0.0	152.0	CS2	M			C	0		C	75		230	C		1	1	1
FAGAC31	0.0	159.4	PS2				C	0		C	81		230	C		1	1	1
FAGAC31	0.0	169.1	PS2				C	0		C	84		230	C		1	1	1
FAGAC31	0.0	170.6	PS2				C	0		C	46		230	C		1	1	1
FAGAC31	0.0	178.9	PS2				C	0		C	60		230	C		1	1	1
FAGAC31	0.0	180.1	CS2	S			C	0		C	66		230	C		1	1	1
FAGAC31	0.0	184.7	PS2				C	0		C	79		230	C		1	1	1
FAGAC31	0.0	187.7	PS2				C	0		C	82		230	C		1	1	1
FAGAC31	0.0	191.7	PS2				C	0		C	85		230	C		1	1	1
FAGAC31	0.0	196.2	PS2				C	0		C	78		230	C		1	1	1
FAGAC31	0.0	198.1	PS2				C	0		C	74		230	C		1	1	1
FAGAC31	0.0	199.3	PS2				C	0		C	69		230	C		1	1	1
FAGAC31	0.0	202.3	PS2				C	0		C	86		230	C		1	1	1
FAGAC31	0.0	208.1	PS2				C	0		C	79		230	C		1	1	1
FAGAC31	0.0	212.7	PS2				C	0		C	80		230	C		1	1	1
FAGAC31	0.0	217.3	PS2				C	0		C	80		230	C		1	1	1

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

DCH	F DEPTH	T DEPTH	FEAT	REC	CD	PARLL	UPPER PLANE	INTERNAL PLANE	LOWER PLANE	DHD	
FAGAC31	63.0	63.7	TP		5		C	0	C	0	1
FAGAC31	63.7	64.9	2BR				C	0	C	0	1
FAGAC31	64.9	65.5	R				C	0	C	0	1
FAGAC31	65.5	65.8	BT				C	0	C	0	1
FAGAC31	65.8	68.8	3BR				C	0	C	0	1
FAGAC31	75.8	76.5	R				C	0	C	0	1
FAGAC31	86.2	89.3	TRG		5		C	0	C	0	1
FAGAC31	89.3	99.6	2B				C	0	C	0	1
FAGAC31	99.6	103.9	3B				C	0	C	0	1
FAGAC31	103.9	104.9	RG		7		C	0	C	0	1
FAGAC31	104.8	105.7	3B				C	0	C	0	1
FAGAC31	105.3	114.6	3BT		9		C	0	C	0	1
FAGAC31	115.9	119.1	2B				C	0	C	0	1
FAGAC31	122.2	123.2	2B				C	0	C	0	1
FAGAC31	124.4	133.6	2BR				C	0	C	0	1
FAGAC31	135.9	137.7	3BR				C	0	C	0	1
FAGAC31	137.7	144.1	2B				C	0	C	0	1
FAGAC31	144.1	145.6	PR		2		C	0	C	0	1
FAGAC31	145.6	148.3	2B				C	0	C	0	1
FAGAC31	148.8	152.0	1B				C	0	C	0	1
FAGAC31	153.0	154.8	GRP		2		C	0	C	0	1
FAGAC31	154.8	156.6	R3B		2		C	0	C	0	1
FAGAC31	156.6	158.8	3BR		9		C	0	C	0	1
FAGAC31	161.5	162.4	P		3		C	0	C	0	1
FAGAC31	158.8	164.1	3BR		8		C	0	C	0	1
FAGAC31	164.1	168.5	3G				C	0	C	0	1
FAGAC31	168.5	172.8	DX				C	0	C	0	1
FAGAC31	172.8	173.1	R				C	0	C	0	1
FAGAC31	173.1	174.0	XR				C	0	C	0	1
FAGAC31	174.0	176.4	3G				C	0	C	0	1
FAGAC31	0.0	199.4	3F				C	0	C	0	1
FAGAC31	0.0	209.7	0				C	0	C	0	1
FAGAC31	0.0	214.5	1R				C	0	C	0	1

GRUM
DOWN SURFACE

26SEP84 GRUM

DOWN-HOLE SPLINES (DHQ20)

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

CDH SEGMENT NOS COND INDICATOR

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

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

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: FAGA031

Reference Fabric Orientation Diagram:

Project: GRUM

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

Location: GRUM

Claim: GRUM #3

Terr. Plane Co-ords.: 6904617.2 N

592533.0 E

Grid Co-ords: 60 W /

Elevation: 1267.6m

All symmetry determinations looking

Total Depth: 217.6m (714 ft)

NW with 52 dipping

Inclination: -90°

SW with dip azimuth 230.

Purpose: _____

Reason hole Terminated: _____

Logged by: LCP / GAI

Date(s) Logged: July 21 / 84

Drilling Contractor: _____

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

Hole Cemented: _____

Steel down hole: _____

Started: Aug 19/74 Completed: Aug 28/74

DDH FAGAD 31
 2 FEET 8

Cyprus Anvil Mining Corp.
 Lithologic Log

Page 3 of _____

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

change to
151.0
change to
182.0

Code	From	To	Recov.	No.	Unit	Description
L	1000	1300		1	#	
L	1300	1830		2	#	3' granite boulders recovered
L	1830	2160		3	SBBP	(SBO) (SBO) 90:07:03 dominantly moderately hard calcareous greyish green well lithoned chloritic phyllite - abundant granular gtz calc bands/lithons local blue grey mbl bands/lithons. SDO mainly near FOI as small homogeneous interbands. SRO small grey, interbands near center of unit - fairly sharp contacts but recvy problems make them unclear 183-207 = core intact 207-209 = 1' of poker chippy core & rubble recvd 209-213 = med broken local rubble, recvy ok 213-215 = rubble, recvy ok 215-EOI = pokerchippy & broken, recvy ok
L	2160	3455		4	SBB	± 2 minor med soft to med hard, in grey to m. dk grey to very locally dark grey, non calc phyllite - Moderate lithon development with bands/lithons of m grey finely granular gtz (with no calcite, nodules (weather white) and no calc sil - do see minor spots of orange weath ^{large} and locally), local ^{black} chert nodules but rare, lower most 12' is softer and p.s ₂ foliated without gtzase lithons. Indistinct banding in grey to lt grey reflects both original comp banding and D ₂ solution

Code	From	To	Recov.	No.	Unit	Description						
1	10	14	16	20	22	24	26	28	30	34	35	
												at 333 is a 1' interval of SD4 minor \$
												Lower contact rubble.
												T0I - 226 = v. broken to rubble, 2' core recvd - ^{dissect} look like
												226 - 249 = intact - recvy OK
												249 - 251 = (check to see if split) looks rubble now
												251 - 255 = intact with minor rubble
												255 - 283 = intact
												283 - 293 = rubble gouge poker chippy, ^{IND} gouge mainly in last foot
												overall ~ 50% recvy
												293 - 327 = mod broken local rubble - recvy OK - no gouge
												327 - 341 = v. broken - local rubble recvy OK
												341 - 344 = rubble & gouge gouge mainly last 1.5' ^{IND}
												75-80% recvy
												344 - EOI = v. broken.
												All gouges in this unit probably just minor structures.
L	3455	3761			5	5AIG						
												mod hard to hard dk grey to black non calc phyllite with abundant
												qtzose lithons & bands - lithons contain orangey tan weath
												white fresh (fizzes weakly when powdered in 20% HCl) antkerite?
												(not dol reaction but dolo appearance) minor fq py ± spher
												locally in thin stringers along s_2 & x cutting structures -
												also minor py dissems in qtzose lithons
												360-362 = 6" qtz vein + SD4 fuchite & 1' SD4 with qtz
												spher remaining
												unit is very broken to poker chippy - no major gouge
												~ 90% recvy

no cross major fault.

Code	From	To	Recov.	No.	Unit	Description
	10 14 16	20 22 24 26 28 30 34 35				
L	37.61	38.05		6	H64	→ 4E4 ± 6 (SC4 fuch.) 90:10 upper contact drilled away finely banded baritic pyritic massive sulph - honey colored sphul. xcut by gte ank small crackle bra veinlets - SC = 6" band in top foot split originally intact
L	38.05	38.70		7	4L6	weak. soft to very soft, pale gray to greenish cream, non calc, phyllite - S ₂ folia are pale greenish cream, musc > chl xcut by small dolo filled tension gashes - upper contact broken lower gradational original rock probably a phyllite with gteose lithons/bands not SD near top rock weather brown locally and appears to have dissem ank (freezes slowly in 20% when powdered) ⇒ carbonation along with alter? → mod broken to incipient gorge. - rock control gorge not fault!
L	38.70	39.10		8	4L6	weak → (SB64) as above but short 6"-1" intervals retain m-dk gray phyllite coloring - more altered portion is rusty brown weather along S ₂ folia & fractures mod broken to incip gorge as above
L	39.11	39.2		9	4A10	[SA19] finely laminated with gte-s ² bands, pyrite only 25% tot py upper contact is gte vein lower 2" bleaching zone + x int next unit intact

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	3920	4010		110	4LS1	weak 2 minor mod soft locally hard, pale greenish cream, mod calc phyllite, weath to a deep rust brown on cut surface. Preserves lithon texture. S ₂ folia are cream to pale grey with slight greenish tint. Unit contains gtz veins along S ₂ with a network of pyrite in them. Upper contact is sharp as is lower. may be alteration of bounding units intact to incip gorge - no faults
L	4010	4042		111	SA119	[4A0] → (4LS weak 2 minor) 60:40 rx as above 2 units but interbanded on 6"-1' scale mod broken.
L	4042	4082		112	4E018 ±\$	(4LS weak) (4H\$) 90:10:minor upper 8" is 4H with floating flesh colored dolo ameboid shaped clasts minor cpy in fractures in dolo. 4E is finely banded with streaky int - dolo dissem in matrix rather than as clasts. Thin 1/2" to 1" bands (1/2") of 4L lower contact is sharp with interbanding of SA over a few inches split originally intact
L	4082	4385		113	SA11\$	minor 9 minor py dk grey to black mod hard to hard lithomel carbonaceous phyllite lithons dominantly gtz with minor dissem dolomite and locally dissem py - minor bands up to 3" thick

10 For pyrite with quartz auger. - doesn't have good gtz/s = banding of 4A and is abnormally phyllitic
mod broken to locally very broken & rubble occurs ok no like fault

Code	From	To	Recov.	No.	Unit	Description
L	4385	4461		14	4E1.08	(4G48) (4LG weak) (SA19 minor) 70% massive s ⁼ interleaved sequence of above ⁵ rx - 4L as creamy micaceous bands < 1" thick, locally so close that you get 4L24 or 4D sericitic for short stretches. split s ⁼ intact now rest now rubble.
L	4461	4520		15	SA1.9	minor (SD4 ⁺) 80:20 SD is 2 highly foliated bands 6" x 2" thick - SA similar to unit # 11.14 thin gtrase laminae separated by carb folia. not split, strongly broken rubble reconv OK - lower contact rubble.
L	4520	4640		16	4L1.1	6 weak (→ SA19 minor) 80:20 pale greenish cream musc > chl with abundant gtrase bands - 18. micaceous folia separating gtrase bands/lithins. good relief lithin text. dolo both as augen and dissem in gtrase bands. Tx into SA19 minor upon which it appears to be overprinted ^{possibly} along with some lighter 5B6 ⁺ type protolith as below mod broken - local rubble reconv OK
L	4640	4868		17	5B62 ⁺	(5B624 ⁺) 80:20 mod hard to hard dk grey to med grey, ^{non calc} dolomitic, lithified phyllite. well developed gtrase lithins with dissem orange weath dolo & minor pyrite - locally transitional to weakly altered lighter colored version of same 464-473 = mod broken - reconv OK 473-478 = drillers note sand 1' reconv. of rubble. not necessarily a fault. 478-487 = mod broken with local inc. gtrase reconv OK

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	4870	4882		18	4C3	→ 4E1 magnetic but can't see po or mt! more S ² at top S ² poorly define lithon text along with micaceous folia may not be stratiform - tripy - split intact originally
L	4885	4990		19	SBB\$1	in grey mod hard to hard non calc well lithomd phyllite - 1.5' or abundant grease lithon bands which contain ~50% dolo (weath tan-orange) - unit mod broken to intact Transitional lower contact w/rt carbonate type and carbon content.
L	4990	5210		20	SBR\$0	as above but darker folia plus both calcite and dolo in lithons 499-502 = intact 502-508 = gage & rubble, sand noted at 508, 1.5' recvd. 508-514 = rubble to strongly broken 2' recvd. 514-521 = v. broken to rubbly 90% recvy. most likely fault at 508 probably subsidiary to underlying fault.
L	5210	5385		21	SBB, ±\$ ±4	mod soft med grey non calc phyllite locally developed grease dolomitic bands, ±4 refers to 6"-1' long intervals bleached to pale grey making up ~10% of unit. strongly broken & rubbly recvy ~80% except for 530-533=1' recd.
L	5385	5530		22	SBB/R (4L6)	to 534' is SB2 gage 544-549 = 4L6 weak gage. [504 ???] 545-552 SB6 gage to inc. gage. 552-553 = fragments of SA19 v. minor - all gage IND, good recvy!

Code	From				To				Recov.	No.	Unit	Description
	10	14	16	20	22	24	26	28				
L	5530		5670						23	4E48 ±# → (4G48) ±BXA	<p>Upper contact sharp looks tectonic not S_2 but ductile flow bxa contact. S in S = bxa through unit. - finely laminated pyritic sulphide with baritic sections and with minor local calcite dissem through unit and in fractures, locally very calcitic - streaky and dissem int.</p> <p>Split, originally was intact</p>	
L	5670		5680						24	5B62	dk grey rubble. - trashed by splitting?	
L	5680		5710						25	4E10 ±# ±6 BXA	increasingly broken downward, split, rubble at EOI	
L	5710		5790						26	5B6 ±0 GUDGE	dark grey locally foaming gouge, totally IND, lower contact gouge/rubble contact	
L	5790		6545						27	5A19	<p>minor (SD4±) trace.</p> <p>mod hard to hard PS_2 striped non calcareous siliceous phyllite. has the distinctive lt grey/dk grey color striping of this unit // to S_2. minor po assoc with light grey bands (also some py near top) ± in frachs.</p> <p>SD bands $\frac{1}{2}$ - 1" thick $\frac{1}{2}$ above 5921</p> <p>Fine dk grey ^{soft} subhedral mottling on ~5mm scale that may be due to porphs - andul.?? tends to be in darker grey more homogeneous spherulavoids. - unit shows strong "clash flash" but doesn't seem to be dolomitic</p>	

Code	From	To	Recov.	No.	Unit	Description
L	6545	6750		28	1C	±4 [1C07]
						homogeneously finely laminated mud hard, bio, musc, andul staur schist - uppermost 5' looks altered as seen at Faro chl musc matrix with chl clots & fresh irregular bio andul clots.
						upper contact is sharp and both units appear to have polished ^{isotropic} surfaces - uppermost schist has a scaly foliation similar to a fish scale serp texture
						Lower contact sharp with a very siliceous fine grained banding and development of calc silicates in last 3" - contact is tectonic & related to flow & boudinage in underlying unit. - intact - perfect coring
L	6750	6875		29	3F01	
						boudinaged silicate bands dominantly bio brown & only locally calc sil green. -
						in upper portion 50% is silicate layers - in last 3' only 20%
						intact - perfect coring
L	6875	6944		30	3D1	
						hard, alternating brown bio rich schist and bluish green to pale green calc sil bands. Banding on cm to 1' scale, 40% bio bands
						calc sil = pale creamy green ± calcite surrounded by blue green amph epi banding -
						calc sil development dominantly controlled by original compositional banding but there is lesser fracture controlled development - only slightly calcareous overall
						intact - perfect coring

Code	From	To	Recov.	No.	Unit	Description
	10 14 16	20 22 24	26 28 30	34 35		
L	694	695		31	3FP	normal, 70% mbl - both bio & calc sil as thin interbands intact
L	695	704		32	1CD ± 4(3D)	70:30 top 1' & bottom 1' are green calc sil as #30, center is biotite schist with chloritic clots and fresh quartz-bio clots to 1x3cm (larger than up hole) ^{dk green} clots Set in tan muscovite rich ^{altered} matrix intact - perfect coring
	704	706		33	HLIP	mylonite? [SD4##] pale cream, ^{strongly & thinly} foliated, hard calcareous and dolomitic phyllite with well developed gtz bands & discontinuous lenses // S ₂ - looks like could be SD4## or could it be mylonitic (→ flat auger → Fraser fabric?) minor rubble at TOI otherwise intact
	706	714		34	3D	(1CD)(3Fo) heterogeneous mixture of 3F 3D & 1CD on a scale of inches to feet. 50% calc sil 50% schist minor mbl.
EOA!!!						

Via

Structural Log

Code	From		To		Feature	SYM	S ₀		S ₁		S ₂		Description	
	10	14	16	20			Dip	Direct.	Dip	Direct.	Dip	Direct.		
1	28	32	34	38	40	44								
S				187	0	CS2	D					82	230	
S				197	0	CS2	D					77		
S				209	0	PS2						75		
S				221	0	CS2	D					70		
S				225	0	CS2	Z					78		poor symmetry
S				240	0	PS2						87		
S				255	0	CS2	S					80		
S				265	0	CS2	Z					72		
S				285	0	CS2	S					69		
S				294	0	PS2						90		
S				303	0	PS2	Z					75		→CS ₂
S				320	0	PS2						82		
S				330	0	PS2						76		→CS ₂
S				344	0	CS2						77		
S				355	0	CS2						70		
S				367	0	CS2	S					63		
S				375	0	CS2						85		
S				385	0	PS2						55		
S				394	0	CS2	S					83		
S				406	0	PS2?						66		?PS1? S=banding
S				422	0	PS2						66		
S				430	0	PS2						78		→CS ₂
S				440	0	PS2?						72		?PS1? S=banding
S				450	0	CS2	S					78		
S				460	0	PS2						80		
S				484	0	CS2	S					70		
S				499	0	CS2	M					75		
S				523	0	PS2						81		
S				550	0	PS2						84		
S				560	0	PS2?						46		PS1? S=banding
S				587	0	PS2						60		
S				591	0	CS2	S					66		
S				606	0	PS2						79		
S				616	0	PS2						82		
S				629	0	PS2						85		
S				644	0	PS2						78		CSN 43/000

S 650 PS2 74
 S 654 PS2 69
 S 664 PS2 86
 S 683 PS2 79

FEET

FAULT

DDH AD3.1
2 8

Cyprus Anvil Mining Corp.

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REC Structural Log

Date: Aug 3/84 Logged By: LUP

UPPER INT LOWER

Code	From			To			Feature	S/E	S ₀		S ₁		S ₂		Description
	10	14	16	20	22	24			26	28	Dip	Direct.	Dip	Direct.	
F	1210	70		1210	90		TR	5							1' poker chippy & rubble
F	1210	90		1211	30		2BIR								mod brkn, local rubble
F	1211	30		1211	50		R								rubble, recov OK
F	1211	50		1211	60		BT								poker chippy & brkn, recov OK
F	1211	60		1212	60		3BIR								v brkn to rubble
F	1214	90		1215	10		R								rubble
F	1218	30		1219	30		TRG	5							rubble, gauge, poker chippy
															TWO gauge 50% recov
F	1219	30		1312	70		2B								mod brkn w/ local rubble
F	1312	70		1314	10		3B								v. brkn w/ local rubble
F	1314	10		1314	40		RIG	7							rubble & gauge IND
															gauge mainly last 1.5'
															75-80% recov
F	1314	40		1314	55		3B								v. brkn
F	1314	55		1317	60		3BIT	9							v. brkn to poker chippy
															90% recov
F	1318	05		1319	10		2B								mod brkn to incip gauge
															lithology related
F	1410	10		1410	42		2B								mod brkn
F	1410	82		1413	85		2BIR								mod brkn to locally v. brkn
															& rubble
F	1414	61		1415	20		3BIR								strongly brkn, rubble
F	1415	20		1417	30		2B								mod brkn, local rubble,
															recov. OK
F	1417	30		1417	80		PIR	2							1' recovered / drillers note
															SAND rubble
F	1417	80		1418	68		2B								mod brkn w/ local incip
															gauge - recov OK
F	1418	82		1419	90		1B								mod brkn to intact
F	1510	20		1510	80		GRIP	2							1.5' recov gauge & rubble
															SAND noted at 50B'
F	1510	80		1511	40		R3BR	2							2' recov rubble to
															strongly brkn
F	1511	40		1512	10		3BR	9							v. brkn to rubble
															90% recov
F	1512	10		1513	85		3BR	8							v. brkn to rubble

Feet

DDH FAGAD.03.1 Cyprus Anvil Mining Corp

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Logged by LCP

ASSAY LOG (SAMPLER'S COPY)

Date

Sampled by Kerr-Addison

CODE	FROM		TO		SAMPLE		INTR.		REC (m)		UNIT		DESCRIPTION
	10	14	16	20	22	26	28	30	32	34	36	40	
P	137	161	138	185	92239		14		14	4164			
P	140	142	140	182	92240		14		13	74E08			
P	143	185	144	110	92241		12	5	10	4E1108			
P	144	110	144	161	92242		15	1	14	4E1108			
P	148	168	148	182	92243		11	4	11	4C31			
P	151	130	151	190	92244		16	0	15	84EG			
	151	190	151	140	92245		15	0	14	94EG			
	151	140	151	170	92246		13	0	13	04EG			
	151	170	151	170	92247		14	0	13	74E0			

DIAMOND DRILL RECORD

LOGGED BY Fred Chow

PROPERTY Vangorda - Kerr Addison - AEX - Joint Venture

D.D.H. No. A - 31 PAGE 1 of 5

LATITUDE 10404.19m BEARING OF HOLE 112° 089° 062° 059° STARTED Aug. 19/74 D.S.

CLAIM No. GRUM 3 (S.E. corner)

DEPARTURE 7829.50 E DIP OF HOLE -90° COMPLETED Aug 28/74 D.S.

DIRECTION AND DISTANCE FROM

ELEVATION 4156 A.S.L. DIP TESTS -86.5° -79° -76° -74.5° DEPTH Ultimate: 714' (217.65m)

NE. CLAIM POST

(1273.24m)

Hole Size: 0 - 181' = BW, 181 - 714 BQ.

* Dip & Btg = av of DDH # A-10 and A-119.

FOOTAGE		DESCRIPTION	Rec. Ft.	Sample No.	Footage		Sample Length	Assay					Assay x Feet				
FROM	TO				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag		
0	182	OVERBURDEN 0 - 151' not cored, tricone down; glacial fill and mainly large boulders. 151-181 cored granitic boulders plus one piece dark porphy rock.															
182	196	QUARTZ-SERICITE-CHLORITE PHYLLITE. Pale green grey, banded, fairly quartzose, 2-4% chlorite. F1 subvertical F2. Core angle 75-85°	13/14		182	196											
196	217	QUARTZ-SERICITE PHYLLITE. As above, no chlorite, pale grey color. Shear at 201', 206-207' and 213-214' with quartz-feldspar breccia. Negligible pyrite or pyrrhotite. F1 prominent to 206'. Core angle 80° at 196'; 75° at 197'; 85° at 199'; 65° at 202'-205'; 70° at 207'; 75° at 216'	9.5/11 .8/2 6/8		196	207	207	209									
217	317	QUARTZ-SERICITE-GRAPHITE PHYLLITE. Medium grey to dark grey, banded and also thinly laminated. Moderately firm rock with 2-5% graphite. F1 subvertical F2 at 217-232'. 246-260'. Possible mud seam or soft shear zone at 217.5-225' (no recovery). Moderate shearing at 254-255'; shear with gouge at 292-293'. No fracturing noted. Minor scattered pyrite mineralization, in blebs streaks and also filling fractures (?). Core angles: 50° at 218'-226'; 75-65° at 227'; 75° at 228-235'; 70° at 236'; 85° at 237-242'; 70° at 243-252'; 70-75° at 255-280'; 60° at 285'-292'; 75-70° at 294-317'	.8/9 54/57 3.5/9 1/1 10.3/11 9.5/13		217	226	226	283	292	292	293	304	317				
317	346	QUARTZ-SERICITE PHYLLITE. Light to medium grey, rock similar to section above except no or negligible graphite. Many tight shears at about 40-45° to core. Medium amount tension fractures. Odd bleb pyrite and pyrrhotite. Shear and gouge at 341.5-344'. Core angles: 70° at 318'; 85° at 320', 70° at 323'-341'	25/29		317	346											
346	376.1	QUARTZ-GRAPHITE PHYLLITE. Dark grey to black with grey quartzose banding, 20% graphite, fissile. F1 prominent, subvertical F2. Core angle: 70° at 351-369'; 75° at 370'; 70° at 373'; 75° at 374'	2/4 8/8 17/18		346	350	350	358	358	358	376.1						

DDH: FAGA031 -- 42 DEGREE PROFILE

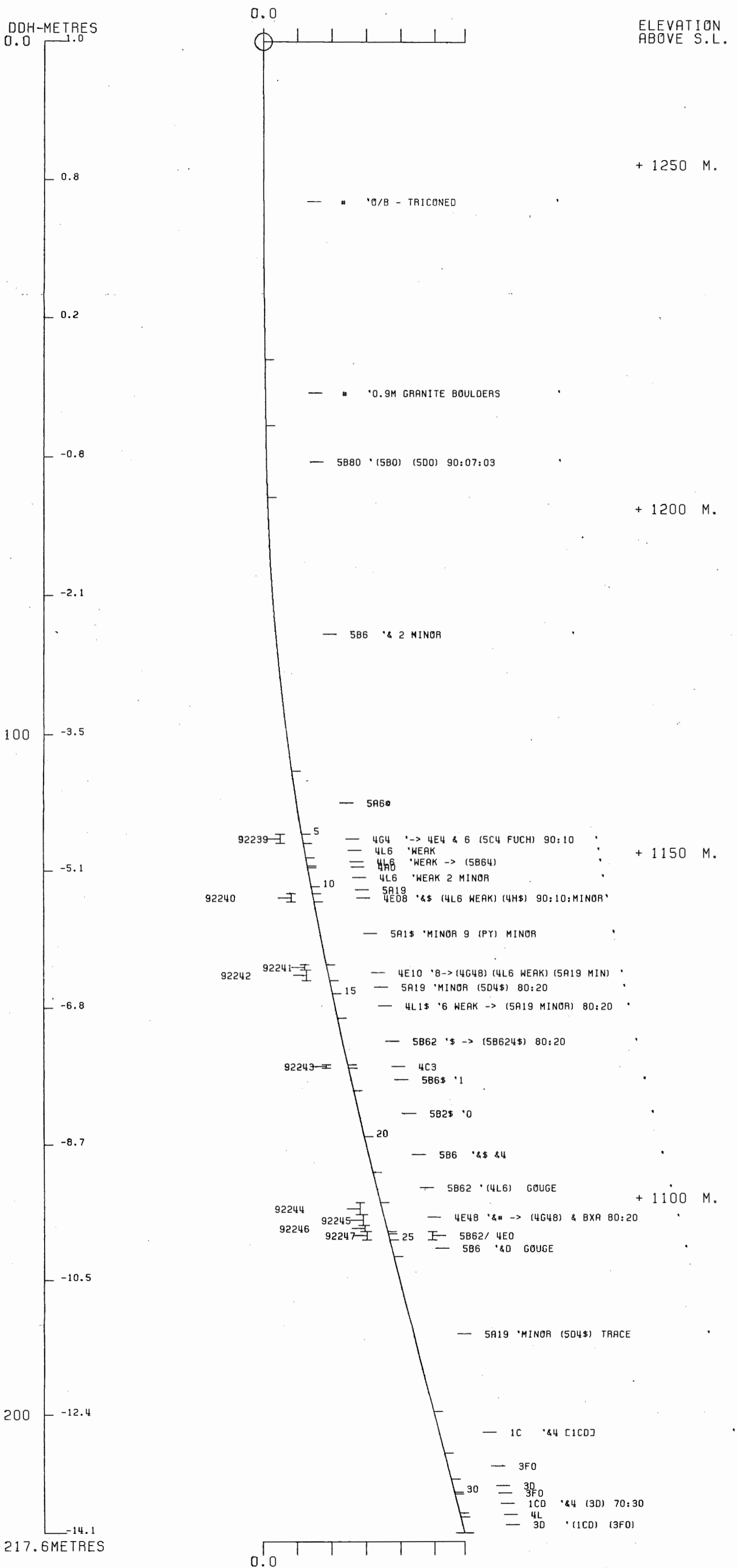
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1268 592533E ; 904617N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 374.7 Z = 1267.8

SECTION NAME: 60W



DDH: FAGA031 -- 42 DEGREE PROFILE

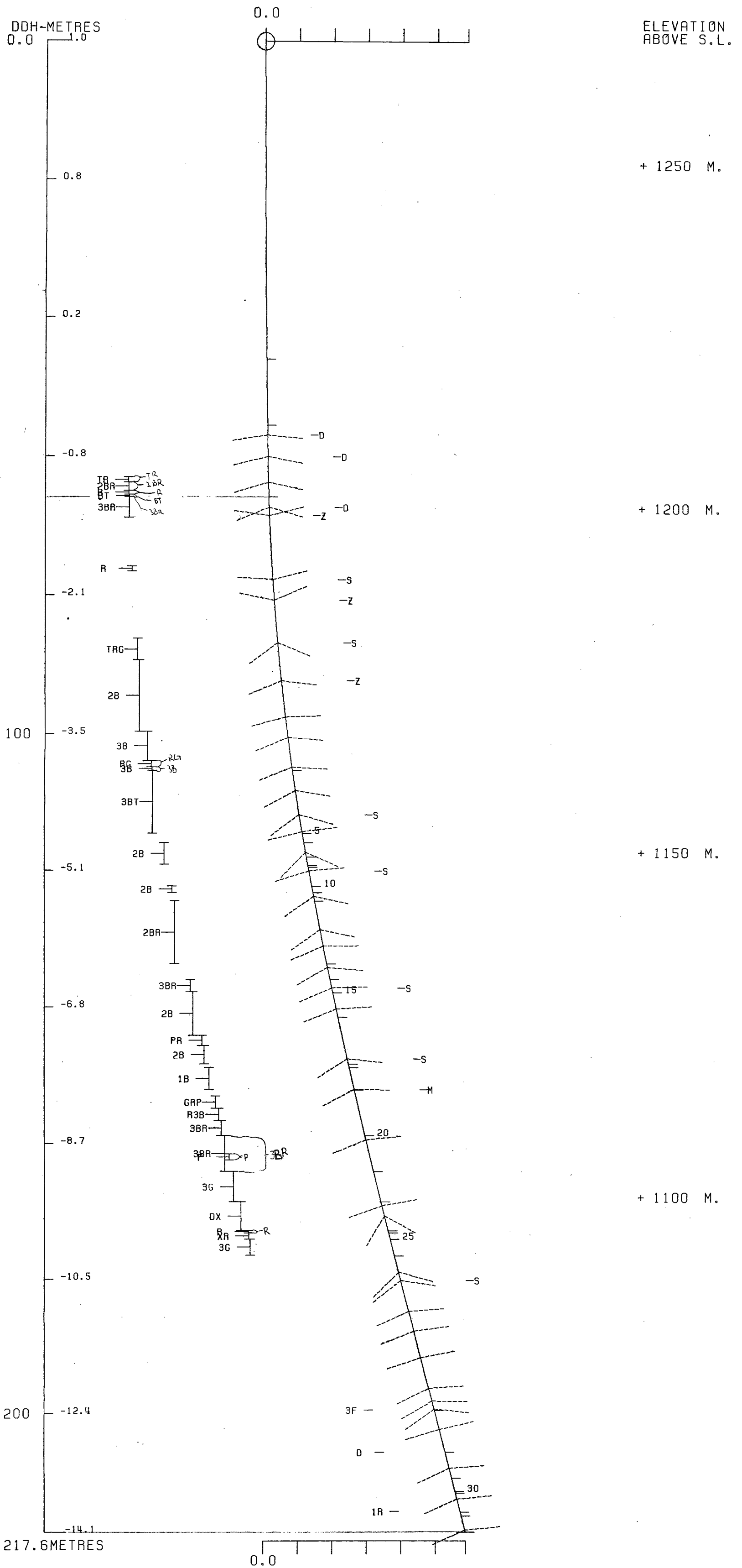
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1268 592533E ; 904617N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 374.7 Z = 1267.8

SECTION NAME: 60W



FAGA063

DCH	SAMPLE	---DEPTHS---		INT M	REC %	ROCK UNIT	S.G.	CU %	PB %	ZN %	AG G/MT	AU G/MT	PO %	PY %	BAC %	PB+ZN %	PC+PY %	ZN RATIO
		FROM	TO															
FAGAC63	11034	78.7	80.8	2.1	100	4E8#	3.88	.19	1.60	1.38	31.0	.96	22.30	7.22		2.98	29.52	.46
	11035	80.8	83.2	2.4	75	400	3.62	.11	1.77	2.40	30.0	.62	16.20	5.00		4.17	21.20	.58
	11036	83.2	85.0	1.8	89	4A3		.09	.50	.50	15.0					1.00		.50
	11037	85.0	86.9	1.9	95	4A3		.19	.38	.27	14.0					.65		.42
	11038	86.9	88.7	1.8	100	4A3		.18	.17	.12	13.0					.29		.41
	11039	88.7	90.4	1.7	100	4A3		.19	.26	.19	16.0					.45		.42
	11040	90.4	92.2	1.8	100	4C8		.18	.12	.16	10.0					.28		.57
	11041	92.2	94.3	2.1	76	4A3		.20	.21	.33	12.0					.54		.61
	11042	94.3	96.4	2.1	100	4A3		.20	.13	.27	12.0					.40		.68
	11043	96.4	98.4	2.0	95	400		.30	.36	.72	15.0					1.08		.67
	11067	98.4	100.1	1.7	100	4E1	3.47	.04	2.20	4.30	27.0	.62	13.00	5.35		6.50	18.35	.66
	11044	100.1	101.4	1.3	100	4E#4	4.10	.40	5.10	7.20	75.0	2.33	29.60	3.22		12.30	32.82	.59
	11045	101.4	102.7	1.3	100	4E#4	4.62	.32	5.30	6.70	79.0	1.71	27.70	3.68		12.00	31.38	.56
	11046	102.7	104.4	1.7	100	4G4#	4.70	.09	3.80	6.80	74.0	.62	14.70	.78		10.60	15.48	.64
	11047	104.4	106.1	1.7	100	4G4#	4.82	.06	4.10	6.80	72.0	.62	20.30	.81		10.90	21.11	.62
	11048	106.1	107.7	1.6	100	4G4#	4.67	.06	4.40	6.00	70.0	.69	19.20	.90		10.40	20.10	.58
	11049	107.7	108.1	.4	75	4E#	4.82	.16	4.30	6.30	71.0	1.51	36.20	1.12		10.60	37.32	.59
	11050	108.1	108.7	.6	100	4K0	4.45	.04	.64	1.18	18.0	.62	35.30	2.47		1.82	37.77	.65
	11051	108.7	109.9	1.2	42	4E64	4.71	.13	4.90	8.70	79.0	1.58	27.20	1.44		13.60	28.64	.64
	11052	109.9	111.2	1.3	54	4E64	4.05	.04	3.80	6.60	51.0	.55	16.40	4.38		10.40	20.78	.63
	11053	111.8	112.9	1.1	73	4G4	4.62	.06	4.00	6.80	54.0	.48	11.80	1.89		10.80	13.69	.63
	11054	113.2	114.1	.9	100	4C3	3.39	.19	1.68	2.90	25.0	1.03	14.50	4.76		4.58	19.26	.63
	11055	114.6	115.4	.8	88	4E1		.43	.23	.57	14.0					.80		.71
	11056	115.4	117.0	1.6	100	4C3		.33	.16	.38	10.0					.54		.70
	11057	117.0	118.7	1.7	94	4C3		.19	.16	.42	10.0					.58		.72
	11058	118.7	120.3	1.6	100	4C3		.31	.30	.87	14.0					1.17		.74
	11059	120.3	120.7	.4	100	4C#	3.75	.19	1.05	2.40	20.0	.89	22.40	2.70		3.45	25.10	.70
	11060	120.7	122.2	1.5	87	4C3	3.39	.15	.92	1.90	20.0	.96	9.50	9.10		2.82	18.60	.67
	11061	122.2	123.4	1.2	92	400		.32	.08	.31	11.0					.39		.79
	11062	123.4	125.5	2.1	100	4A0		.26	.07	.26	11.0					.33		.79
	11063	125.5	125.9	.4	75	4A0		.19	.05	.29	11.0					.34		.85
	11064	125.9	128.0	2.1	100	4A0		.30	.09	.32	11.0					.41		.78
	11065	128.0	130.0	2.0	100	4A0		.36	.07	.23	10.0					.30		.77
	11066	130.0	130.6	.6	100	4D35	3.45	.25	2.40	4.20	34.0	1.10	15.40	5.00		6.60	20.40	.64
	11068	130.6	131.5	.9	100	4E#4	4.59	.15	4.40	7.20	62.0	1.23	31.60	2.55		11.60	34.15	.62
	11069	131.5	132.2	.7	86	4G4#	4.36	.08	5.80	7.00	74.0	.55	17.50	2.26		12.80	19.76	.55
	11070	132.8	133.7	.9	100	4C8		.16	1.20	1.60	16.0					2.80		.57
	11071	145.4	147.3	1.9	100	4C3	3.64	.10	.97	1.15	15.0	.27	10.60	6.41		2.12	17.01	.54
	11072	147.3	147.9	.6	83	4E#4	4.44	.08	4.30	3.30	38.0	.69	17.00	4.06		7.60	21.06	.43
	11073	147.9	149.2	1.3	100	4A0		.19	.14	.14	9.0					.28		.50
	11074	149.2	150.5	1.3	100	4A0		.15	.13	.19	10.0					.32		.59
	11075	150.5	151.3	.8	100	4E1		.02	.17	.29	11.0					.46		.63
	11076	151.3	152.6	1.3	92	4A0		.36	.05	.12	8.0					.17		.71
	11077	152.6	154.0	1.4	93	4A0		.17	.43	.54	13.0					.97		.56
	11078	154.0	155.3	1.3	100	400		.25	2.30	1.76	33.0					4.06		.43
	11079	155.3	156.5	1.2	100	4C3	4.47	.10	1.59	2.04	35.0	1.37	25.30	5.18		3.63	30.48	.56
	11080	156.5	158.3	1.8	94	4A0		.19	.16	.29	9.0					.45		.64
	11081	158.3	159.9	1.6	100	4C83		.16	.98	1.14	25.0					2.12		.54
	11082	159.9	161.5	1.6	100	4C83	4.94	.32	1.67	1.34	32.0	.96	17.70	12.60		3.01	30.30	.45
	11083	161.5	163.2	1.7	94	4C83	3.83	.17	1.19	1.40	33.0	.75	7.40	18.40		2.59	25.80	.54
	11084	163.2	164.8	1.6	100	4C83	3.91	.28	1.30	1.48	31.0	.55	8.70	19.80		2.78	28.50	.53
	11085	164.8	166.5	1.7	94	4C83	3.75	.24	1.49	1.42	29.0	.82	9.30	17.60		2.91	26.90	.49
	11086	166.5	167.5	1.0	100	4C3	3.31	.23	.35	.37	17.0	.69	3.66	16.30		.72	19.96	.51
	11087	167.5	167.9	.4	100	4E64	4.40	.16	4.90	6.10	64.0	.55	2.14	20.90		11.00	23.04	.55
	11088	167.9	168.6	.7	100	4E14	3.65	.14	2.60	3.10	38.0	.55	3.93	18.10		5.70	22.03	.54

DCH	SAMPLE	---DEPTHS---		INT M	REC %	ROCK UNIT	S.G.	CU %	PB %	ZN %	AG G/MT	AU G/MT	PO %	PY %	BAO %	PB+ZN %	PC+PY %	ZN RATIO	
		FROM	TO																
FAGAC63	11089	168.6	169.3	.7	100	4A3	3.59	.39	.13	.19	13.0	.69	2.69	21.10		.32	23.79	.59	
	1109C	169.3	170.0	.7	86	4C3	3.72	.26	3.30	4.00	45.0	.82	5.03	19.50		7.30	24.53	.55	
	11091	170.0	170.5	.5	100	4E8	5.50	.36	.66	1.30	20.0	1.10	31.70	5.88		1.96	37.58	.66	
	11092	170.5	172.1	1.6	94	4C0		.22	1.35	1.80	29.0						3.15		.57
	11093	172.1	174.0	1.9	100	4A0		.18	.12	.29	10.0						.41		.71
	11094	174.0	176.0	2.0	100	4A0		.22	.04	.08	10.0						.12		.67
	11095	176.0	178.1	2.1	95	4AC		.11	.06	.15	13.0					.21		.71	

DCH	SAMPLE	ROCK UNIT	NORMATIVE MINERALS - WEIGHT %							*	NORMATIVE MINERALS - VOLUME %						
			CPY	GA	SP	PO	PY	BAR	OTHER		CPY	GA	SP	PO	PY	BAR	OTHER
FAGAC63	11034	4E8#	.55	1.85	2.06	35.07	15.53		44.95	*	.47	.88	1.84	27.26	11.10		58.45
	11035	4C0	.32	2.04	3.58	25.48	10.75		57.83	*	.25	.91	2.99	18.49	7.18		70.19
	11036	4A3	.26	.58	.75				98.42	*							
	11037	4A3	.55	.44	.40				98.61	*							
	11038	4A3	.52	.20	.18				99.10	*							
	11039	4A3	.55	.30	.28				98.87	*							
	11040	4C8	.52	.14	.24				99.10	*							
	11041	4A3	.58	.24	.49				98.69	*							
	11042	4A3	.58	.15	.40				98.87	*							
	11043	4C0	.87	.42	1.07				97.64	*							
	11067	4E1	.12	2.54	6.41	20.45	11.51		58.98	*	.09	1.12	5.31	14.74	7.63		71.11
	11044	4E#4	1.16	5.89	10.73	46.55	6.92		28.74	*	1.07	3.06	10.44	39.38	5.39		40.67
	11045	4E#4	.92	6.12	9.99	43.56	7.91		31.49	*	.85	3.13	9.59	36.37	6.08		43.98
	11046	4G4#	.26	4.39	10.14	23.12	1.68		60.42	*	.20	1.92	8.31	16.47	1.10		72.00
	11047	4G4#	.17	4.74	10.14	31.93	1.74		51.29	*	.14	2.17	8.70	23.81	1.20		63.99
	11048	4G4#	.17	5.08	8.94	30.20	1.94		53.67	*	.14	2.30	7.60	22.31	1.32		66.33
	11049	4E#	.46	4.97	9.39	56.93	2.41		25.84	*	.43	2.61	9.25	48.78	1.90		37.03
	11050	4K0	.12	.74	1.76	55.52	5.31		36.56	*	.10	.37	1.63	44.71	3.94		49.25
	11051	4E64	.38	5.66	12.97	42.78	3.10		35.12	*	.33	2.82	12.11	34.73	2.31		47.70
	11052	4E64	.12	4.39	9.84	25.79	9.42		50.45	*	.10	2.02	8.51	19.40	6.52		63.46
	11053	4G4	.17	4.62	10.14	18.56	4.06		62.45	*	.13	2.00	8.24	13.12	2.64		73.85
	11054	4C3	.55	1.94	4.32	22.80	10.24		60.15	*	.43	.85	3.56	16.34	6.75		72.07
	11055	4E1	1.24	.27	.85				97.64	*							
	11056	4C3	.95	.18	.57				98.30	*							
	11057	4C3	.55	.18	.63				98.64	*							
	11058	4C3	.90	.35	1.30				97.46	*							
	11059	4C#	.55	1.21	3.58	35.23	5.81		53.63	*	.44	.55	3.03	25.95	3.94		66.09
	11060	4C3	.43	1.06	2.83	14.94	19.57		61.16	*	.34	.47	2.33	10.70	12.89		73.27
	11061	4C0	.92	.09	.46				98.52	*							
	11062	4A0	.75	.08	.39				98.78	*							
	11063	4A0	.55	.06	.43				98.96	*							
	11064	4A0	.87	.10	.48				98.55	*							
	11065	4A0	1.04	.08	.34				98.54	*							
	11066	4C35	.72	2.77	6.26	24.22	10.75		55.27	*	.58	1.25	5.28	17.77	7.26		67.85
	11068	4E#4	.43	5.08	10.73	49.70	5.48		28.57	*	.40	2.63	10.42	41.95	4.26		40.34
	11069	4G4#	.23	6.70	10.44	27.52	4.86		50.25	*	.19	3.10	9.06	20.78	3.38		63.48
	11070	4C8	.46	1.39	2.39				95.77	*							
	11071	4C3	.29	1.12	1.71	16.67	13.78		66.42	*	.22	.48	1.37	11.62	8.84		77.46
	11072	4E#4	.23	4.97	4.92	26.74	8.73		54.42	*	.19	2.26	4.20	19.84	5.96		67.55
	11073	4A0	.55	.16	.21				99.08	*							
	11074	4A0	.43	.15	.28				99.13	*							
	11075	4E1	.06	.20	.43				99.31	*							
	11076	4A0	1.04	.06	.18				98.72	*							
	11077	4A0	.49	.50	.81				98.21	*							
	11078	4C0	.72	2.66	2.62				94.00	*							
	11079	4C3	.29	1.84	3.04	39.79	11.14		43.90	*	.25	.88	2.72	30.98	7.98		57.19
	11080	4A0	.55	.18	.43				98.83	*							
	11081	4C83	.46	1.13	1.70				96.71	*							
	11082	4C83	.92	1.93	2.00	27.84	27.10		40.22	*	.81	.95	1.84	22.35	20.02		54.02
	11083	4C83	.49	1.37	2.09	11.64	39.57		44.84	*	.42	.66	1.89	9.18	28.70		59.14
	11084	4C83	.81	1.50	2.21	13.68	42.58		39.22	*	.72	.75	2.07	11.14	31.90		53.42
	11085	4C83	.69	1.72	2.12	14.63	37.85		42.99	*	.60	.84	1.94	11.64	27.72		57.25
	11086	4C3	.66	.40	.55	5.76	35.05		57.57	*	.54	.18	.47	4.24	23.73		70.85
	11087	4E64	.46	5.66	9.09	3.37	14.95		36.47	*	.42	2.89	8.70	2.80	34.41		50.77
	11088	4E14	.40	3.00	4.62	6.18	38.92		46.87	*	.35	1.44	4.15	4.83	27.98		61.25

84/10/18

GRUM DATABASE - QUIZ REPORT

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DCH	SAMPLE	RCK UNIT	NCRMATIVE MINERALS - WEIGHT %							*	NCRMATIVE MINERALS - VOLUME %						
			CPY	GA	SP	PO	PY	BAR	OTHER		CPY	GA	SP	PO	PY	BAR	OTHER
FAGAC63	11089	4A3	1.13	.15	.28	4.23	45.38		48.83	*	.95	.07	.25	3.27	32.28		63.17
	1109C	4C3	.75	3.81	5.96	7.91	41.93		39.63	*	.67	1.90	5.58	6.44	31.42		53.98
	11091	4E8	1.04	.76	1.94	49.85	12.64		33.76	*	.94	.38	1.83	40.93	9.55		46.37
	11092	4C0	.64	1.56	2.68				95.12	*							
	11093	4A0	.52	.14	.43				98.91	*							
	11094	4A0	.64	.05	.12				99.20	*							
	11095	4A0	.32	.07	.22				99.39	*							

DRILL HOLE : FAGA063
NORTHING : 904,525.2
EASTING : 592,450.3
ELEVATION : 1,260.7
TOTAL DEPTH : 180.0
SECTION : W 60
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS CRE-SAMPLES: 62
NOS DOWN-H-SURVEYS: 4
NOS DOWN-H-LITHOLOGY: 59
NOS DOWN-H-STRUCTURE: 28
NOS DOWN-H-FAULTS: 17
NOS DOWN-H-SPLINES: 4
NOS COMPOSITES: 0

DDH: FAGAO63 UTM-N: 904,525.2 UTM-E: 592,450.3 UTM-ELEV: 1,260.7 TOTAL DEPTH: 180.0 SECTION: W 60
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

---DEPTHS---		SAMPLE NO.	INT.	REC.	ROCK UNIT	S.G. PULP	-----ASSAYS-----												
FROM	TO						CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AL(FA) G/MT	PO %	PY %	TCT FE	BAO %	HG %	MN %	AS %
78.7	80.8	11034	2.1	2.1	4E8#	3.88	.19	1.60	1.38	31.00		.96	22	7	29				
80.8	83.2	11035	2.4	1.8	4D0	3.62	.11	1.77	2.40	30.00		.62	16	5	21				
83.2	85.0	11036	1.8	1.6	4A3		.09	.50	.50	15.00									
85.0	86.9	11037	1.9	1.8	4A3		.19	.38	.27	14.00									
86.9	88.7	11038	1.8	1.8	4A3		.18	.17	.12	13.00									
88.7	90.4	11039	1.7	1.7	4A3		.19	.26	.19	16.00									
90.4	92.2	11040	1.8	1.8	4C3		.18	.12	.16	10.00									
92.2	94.3	11041	2.1	1.6	4A3		.20	.21	.33	12.00									
94.3	96.4	11042	2.1	2.1	4A3		.20	.13	.27	12.00									
96.4	98.4	11043	2.0	1.9	4C0		.30	.36	.72	15.00									
98.4	100.1	11067	1.7	1.7	4E1	3.47	.04	2.20	4.30	27.00		.62	13	5	18				
100.1	101.4	11044	1.3	1.3	4E#4	4.10	.40	5.10	7.20	75.00		2.33	29	3	32				
101.4	102.7	11045	1.3	1.3	4E#4	4.62	.32	5.30	6.70	79.00		1.71	27	3	31				
102.7	104.4	11046	1.7	1.7	4G4#	4.70	.09	3.80	6.80	74.00		.62	14		15				
104.4	106.1	11047	1.7	1.7	4G4#	4.82	.06	4.10	6.80	72.00		.62	20		21				
106.1	107.7	11048	1.6	1.6	4G4#	4.67	.06	4.40	6.00	70.00		.69	19		20				
107.7	108.1	11049	.4	.3	4E#	4.82	.16	4.30	6.30	71.00		1.51	36	1	37				
108.1	108.7	11050	.6	.6	4K0	4.45	.04	.64	1.18	18.00		.62	35	2	37				
108.7	109.9	11051	1.2	.5	4E64	4.71	.13	4.90	8.70	79.00		1.58	27	1	28				
109.9	111.2	11052	1.3	.7	4E64	4.05	.04	3.80	6.60	51.00		.55	16	4	20				
111.8	112.9	11053	1.1	.8	4G4	4.62	.06	4.00	6.80	54.00		.48	11	1	13				
113.2	114.1	11054	.9	.9	4C3	3.39	.19	1.68	2.90	25.00		1.03	14	4	19				
114.6	115.4	11055	.8	.7	4E1		.43	.23	.57	14.00									
115.4	117.0	11056	1.6	1.6	4C3		.33	.16	.38	10.00									
117.0	118.7	11057	1.7	1.6	4C3		.19	.16	.42	10.00									
118.7	120.3	11058	1.6	1.6	4C3		.31	.30	.87	14.00									
120.3	120.7	11059	.4	.4	4C#	3.75	.19	1.05	2.40	20.00		.89	22	2	25				
120.7	122.2	11060	1.5	1.3	4C3	3.39	.15	.92	1.90	20.00		.96	9	9	18				
122.2	123.4	11061	1.2	1.1	4C0		.32	.08	.31	11.00									
123.4	125.5	11062	2.1	2.1	4A0		.26	.07	.26	11.00									
125.5	125.9	11063	.4	.3	4A0		.19	.05	.29	11.00									
125.9	128.0	11064	2.1	2.1	4A0		.30	.09	.32	11.00									
128.0	130.0	11065	2.0	2.0	4A0		.36	.07	.23	10.00									
130.0	130.6	11066	.6	.6	4D35	3.45	.25	2.40	4.20	34.00		1.10	15	5	20				
130.6	131.5	11068	.9	.9	4E#4	4.59	.15	4.40	7.20	62.00		1.23	31	2	34				
131.5	132.2	11069	.7	.6	4G4#	4.36	.08	5.80	7.00	74.00		.55	17	2	19				
132.8	133.7	11070	.9	.9	4C3		.16	1.20	1.60	16.00									
145.4	147.3	11071	1.9	1.9	4C3	3.64	.10	.97	1.15	15.00		.27	10	6	17				
147.3	147.9	11072	.6	.5	4E#4	4.44	.08	4.30	3.30	38.00		.69	17	4	21				
147.9	149.2	11073	1.3	1.3	4A0		.19	.14	.14	9.00									
149.2	150.5	11074	1.3	1.3	4A0		.15	.13	.19	10.00									
150.5	151.3	11075	.8	.8	4E1		.02	.17	.29	11.00									
151.3	152.6	11076	1.3	1.2	4A0		.36	.05	.12	8.00									
152.6	154.0	11077	1.4	1.3	4A0		.17	.43	.54	13.00									
154.0	155.3	11078	1.3	1.3	4C0		.25	2.30	1.76	33.00									
155.3	156.5	11079	1.2	1.2	4C3	4.47	.10	1.59	2.04	35.00		1.37	25	5	30				

DDH: FAGA063 UTM-N: 904,525.2 UTM-E: 592,450.3 UTM-ELEV: 1,260.7 TOTAL DEPTH: 180.0 SECTION: W 60
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

---DEPTHS---		SAMPLE NO.	INT.	REC.	ROCK UNIT	ASSAYS													
FROM	TO					S.G. PULP	CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AL(FA) G/MT	PO %	PY %	TCT FE	BAO %	HG %	MN %	AS %
156.5	158.3	11080	1.8	1.7	4A0		.19	.16	.29	9.00									
158.3	159.9	11081	1.6	1.6	4C83		.16	.98	1.14	25.00									
159.9	161.5	11082	1.6	1.6	4C83	4.94	.32	1.67	1.34	32.00	.96	17	12	30					
161.5	163.2	11083	1.7	1.6	4C83	3.83	.17	1.19	1.40	33.00	.75	7	18	25					
163.2	164.8	11084	1.6	1.6	4C83	3.91	.28	1.30	1.48	31.00	.55	8	19	28					
164.8	166.5	11085	1.7	1.6	4C83	3.75	.24	1.49	1.42	29.00	.82	9	17	26					
166.5	167.5	11086	1.0	1.0	4C3	3.31	.23	.35	.37	17.00	.69	3	16	19					
167.5	167.9	11087	.4	.4	4E64	4.40	.16	4.90	6.10	64.00	.55	2	20	23					
167.9	168.6	11088	.7	.7	4E14	3.65	.14	2.60	3.10	38.00	.55	3	18	22					
168.6	169.3	11089	.7	.7	4A3	3.59	.39	.13	.19	13.00	.69	2	21	23					
169.3	170.0	11090	.7	.6	4C3	3.72	.26	3.30	4.00	45.00	.82	5	19	24					
170.0	170.5	11091	.5	.5	4E8	5.50	.36	.66	1.30	20.00	1.10	31	5	37					
170.5	172.1	11092	1.6	1.5	4C0		.22	1.35	1.80	29.00									
172.1	174.0	11093	1.9	1.9	4A0		.18	.12	.29	10.00									
174.0	176.0	11094	2.0	2.0	4A0		.22	.04	.08	10.00									
176.0	178.1	11095	2.1	2.0	4A0		.11	.06	.15	13.00									

WEIGHTED AVERAGE

78.7	111.2	32.5	29.6	2.25	.16	1.91	2.89	35.27		.51	11	1	12						
111.8	112.9	1.1	.8	4.62	.06	4.00	6.80	54.00		.48	11	1	13						
113.2	114.1	.9	.9	3.39	.19	1.68	2.90	25.00		1.03	14	4	19						
114.6	132.2	17.6	16.9	.89	.26	.74	1.30	17.97		.22	4	1	5						
132.8	133.7	.9	.9		.16	1.20	1.60	16.00											
145.4	178.1	32.7	31.8	1.75	.19	.95	1.05	21.19		.32	4	6	11						

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DOWN-HOLE SURVEYS (DHO20)

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DDH: FAGA063 UTM-N: 904,525.2 UTM-E: 592,450.3 UTM-ELEV: 1,260.7 TOTAL DEPTH: 180.0 SECTION: W 60
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	178.300	128.700
121.900	174.600	72.000
176.800	173.200	55.800

DDH: FAGA063 UTM-N: 904,525.2 UTM-E: 592,450.3 UTM-ELEV: 1,260.7 TOTAL DEPTH: 180.0 SECTION: W 60
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
20.4	OC01	*		0.5-	1
29.5	OC02	5B02		0.5-	1
30.9	OC03	5C\$		0.5-	1
55.1	OC04	5A0		0.5-	1
56.0	OC05	5C\$		0.5-	1
62.7	OC06	5B0	82 (5D0)	0.5-	1
66.4	OC07	5C#\$		0.5-	1
75.1	OC08	5A0		0.5-	1
78.7	OC09	5B62	80	0.5-	1
80.8	OC10	4E8#		0.5-	1
83.2	OC11	4DC	(4L) [4D SER]	0.5-	1
90.4	OC12	4A3		0.5-	1
92.2	OC13	4C\$	(4A0)	0.5-	1
96.4	OC14	4A3	(5C#) TR	0.5-	1
98.4	OC15	4C0	&\$ 88 SER (4A0)	0.5-	1
100.1	OC16	5C4#	(4E#4)(10Q0)	0.5-	1
102.7	OC17	4E#4	& POROUS	0.5-	1
107.7	OC18	4G4	&#	0.5-	1
108.1	OC19	4E#	&4 & POROUS	0.5-	1
108.7	OC20	4KC		0.5-	1
111.2	OC21	4E64		0.5-	1
111.8	OC22	4LC		0.5-	1
112.9	OC23	4G4		0.5-	1
113.2	OC24	5C\$		0.5-	1
114.1	OC25	4C3	SER	0.5-	1
114.6	OC26	5C\$	&4	0.5-	1
115.4	OC27	4E1	&#	0.5-	1
120.3	OC28	4C3	SER (4A0)	0.5-	1
120.7	OC29	4C#		0.5-	1
122.2	OC30	4CC	(4A0) (4D4) BX	0.5-	1
123.4	OC31	4C0	&SER	0.5-	1
125.5	OC32	4A0	-> 4A3	0.5-	1
125.9	OC33	4A0*	BX	0.5-	1
130.0	OC34	4A0	-> 4A3	0.5-	1
130.6	OC35	4D35	SER	0.5-	1
131.5	OC36	4E#4	&POROUS	0.5-	1
132.2	OC37	4G4#		0.5-	1
132.8	OC38	4LC	&# (4E4#)	0.5-	1
133.7	OC39	4C\$	&8	0.5-	1
139.1	OC40	5B0	& B10	0.5-	1
142.3	OC41	5B0	(5D0)	0.5-	1
145.4	OC42	5B0		0.5-	1
147.3	OC43	4C3	84 (4L0&3)	0.5-	1
147.9	OC44	4E#4	(5C4#)	0.5-	1
150.5	OC45	4A0		0.5-	1
151.3	OC46	4E1		0.5-	1
154.0	OC47	4A0		0.5-	1
156.5	OC48	4C3	88 SER	0.5-	1
158.3	OC49	4A0		0.5-	1
166.5	OC50	4C83	&SER &# (4E18) (4A0)	0.5-	1
167.5	OC51	4C3	SER (4A0)	0.5-	1

20MAR84 GRUM

DOWN-HOLE LITHOLOGY (DHO20)

PAGE: 14

DDH: FAGA063 UTM-N: 904,525.2 UTM-E: 592,450.3 UTM-ELEV: 1,260.7 TOTAL DEPTH: 180.0 SECTION: W 60
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
167.9	0052	4E468	[4J6]	0.5-	1
168.6	0053	4E14		0.5-	1
169.3	0054	4A3		0.5-	1
170.0	0055	4C3	&SER (400)	0.5-	1
170.5	0056	4E8		0.5-	1
172.1	0057	4CC	(400) (4AC)	0.5-	1
178.1	0058	4A0		0.5-	1
180.1	0059	5A6		0.5-	1

DDH: FAGA063 UTM-N: 904,525.2 UTM-E: 592,450.3 UTM-ELEV: 1,260.7 TOTAL DEPTH: 180.0 SECTION: W 60
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0	ANGLE	DIRECT	S1	ANGLE	DIRECT	S2	ANGLE	DIRECT	RFE	CDE	DHOC	SDC	PROCESS
FAGAC63	0.0	21.6	CS2	S	0	0	0	43	C	61	230	C	1	1	1	1	1	
FAGAO63	0.0	28.0	CS2	S	0	0	0	80	140	62	230	C	1	1	1	1	1	
FAGAO63	0.0	34.1	CS2	Z	0	0	0	82	G	67	230	C	1	1	1	1	1	
FAGAO63	0.0	40.5	CS2	S	0	0	0	61	C	70	230	C	1	1	1	1	1	
FAGAC63	0.0	46.3	CS2	M	0	0	0	0	C	78	230	C	1	1	1	1	1	
FAGAO63	0.0	52.4	CS2	M	0	0	0	0	C	61	230	C	1	1	1	1	1	
FAGAO63	0.0	58.8	CS2	M	0	0	0	0	C	66	230	C	1	1	1	1	1	
FAGAO63	0.0	64.9	CS2		0	0	0	0	C	64	230	C	1	1	1	1	1	
FAGAO63	0.0	71.0	CS2	M	0	0	0	0	G	72	230	C	1	1	1	1	1	
FAGAC63	0.0	77.4	CS2	S	0	0	0	63	C	72	230	C	1	1	1	1	1	
FAGAC63	0.0	83.5	CS2	M	0	0	0	0	C	90	230	C	1	1	1	1	1	
FAGAC63	0.0	90.8	CS2		0	0	0	0	C	61	230	C	1	1	1	1	1	
FAGAC63	0.0	97.5	CS2		0	0	0	0	C	54	230	C	1	1	1	1	1	
FAGAO63	0.0	103.6	CS2		0	0	0	0	C	84	230	C	1	1	1	1	1	
FAGAO63	0.0	109.1	CS2		0	0	0	0	C	62	230	C	1	1	1	1	1	
FAGAO63	0.0	114.3	CS2	S	0	0	0	61	C	66	230	C	1	1	1	1	1	
FAGAO63	0.0	119.2	CS2		0	0	0	0	C	71	230	C	1	1	1	1	1	
FAGAO63	0.0	125.3	CS2		0	0	0	0	C	82	230	C	1	1	1	1	1	
FAGAC63	0.0	131.4	CS2		0	0	0	0	C	54	230	C	1	1	1	1	1	
FAGAO63	0.0	135.0	CS2	S	0	0	0	60	0	64	230	C	1	1	1	1	1	
FAGAO63	0.0	142.0	CS2	D	0	0	0	76	90	78	230	C	1	1	1	1	1	
FAGAO63	0.0	148.1	CS2		0	0	0	0	C	90	230	C	1	1	1	1	1	
FAGAO63	0.0	154.2	CS2		0	0	0	0	C	88	230	C	1	1	1	1	1	
FAGAO63	0.0	160.3	CS2		0	0	0	0	C	75	230	C	1	1	1	1	1	
FAGAO63	0.0	163.7	CS2	Z	0	0	0	0	C	54	230	C	1	1	1	1	1	
FAGAO63	0.0	170.1	CS2		0	0	0	0	C	78	230	C	1	1	1	1	1	
FAGAO63	0.0	175.3	CS2	S	0	0	0	72	0	78	230	C	1	1	1	1	1	
FAGAO63	0.0	178.9	CS2	M	0	0	0	0	0	70	230	C	1	1	1	1	1	

DDH: FAGA063 UTM-N: 904,525.2 UTM-E: 592,450.3 UTM-ELEV: 1,260.7 TOTAL DEPTH: 180.0 SECTION: W 60
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	REC	CD	PARLL	UPPER PLANE	INTERNAL PLANE	LOWER PLANE	DHD			
FAGA063	41.5	41.6	G				0	0	99	999	0	0	1
FAGAC63	50.5	50.7	G				0	0	99	999	0	0	1
FAGA063	0.C	55.1	1R				0	0	C	C	0	0	1
FAGAC63	67.2	67.4	G				0	0	G	C	0	0	1
FAGA063	71.6	71.7	G				0	0	C	C	0	0	1
FAGA063	81.5	83.2	PR		2		0	0	G	0	0	0	1
FAGA063	85.8	85.8	G				0	0	0	C	0	0	1
FAGAC63	0.C	107.7	R				0	0	0	C	0	0	1
FAGA063	109.1	110.3	GP		C		G	0	C	0	0	0	1
FAGAC63	0.C	113.1	1G				C	0	C	0	0	0	1
FAGAC63	120.2	120.7	RG				0	0	C	0	0	0	1
FAGA063	120.7	122.2	X?				0	0	C	0	0	0	1
FAGAC63	125.5	125.8	X?				0	0	0	C	0	0	1
FAGA063	141.0	142.3	1G				0	0	C	C	0	0	1
FAGA063	0.C	146.8	X				0	0	C	0	0	0	1
FAGA063	145.3	147.3	1G				0	0	C	C	0	0	1
FAGAC63	0.0	147.8	1X				0	0	0	G	0	0	1

20MAR84 GRUP

DOWN-HOLE SPLINES (CHQ20)

PAGE: 17

DDH: FAGA063 UTM-N: 904,525.2 UTM-E: 592,450.3 UTM-ELEV: 1,260.7 TOTAL DEPTH: 180.0 SECTION: W 60
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH SEGMENT NOS CCND INDICATOR

FAGAC63	1	2
FAGAC63	2	2
FAGAC63	3	2
FAGAC63	4	1

CYPRUS ANVIL MINING CORPORATION
DIAMOND DRILL CORE LOG

Page 1 of 8
Date: 22 Aug / 81

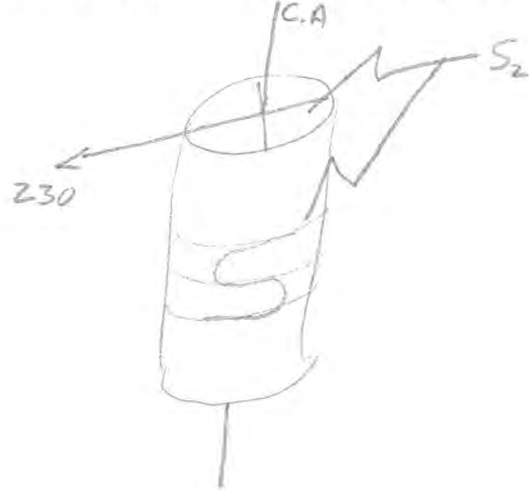
Hole Number: FAGA-063

Reference Fabric Orientation Diagram:

Project: _____

Location: _____

Claim: Hank 4



~~Terr. Plane~~
Co-ords.: 6904525.1611 N

592450.2754 E

Grid Co-ords: 60W

4N

All symmetry determinations looking

Elevation: 4131 ft 1260.66m NW with S₂ dipping

Total Depth: 591 ft SW with dip azimuth 230°.

Purpose: DEFINITION - GYPSUM DEPOSIT.

Reason hole Terminated: _____

Logged by: GG

Date(s) Logged: 22-23 Aug / 81

Drilling Contractor: _____

Size	CORE From	To	Collar Cased and Capped: _____
BW	0	70'	
BQ	70'	591'	

Hole Cemented: _____

Steel down hole: _____

Started: Dec 3/74 Completed: Dec 9/74

*979 GTM
NW Orthophoto
Survey*

UNITS = FEET

Code	From					To					Recov.	No.	Unit	Description	F/W CNT	
	10	14	16	20	22	24	26	28	30	34					35	TR
L	00			670								001	*	OVERBURDEN	-	
L	670			968								2	5A3	(LOW C) + (5B3)	20 cm QZ VN	1/5 ₂
L	968			1013								3	5C*	- DOLO, 5% CHLORITE STRIPES		1/5 ₂
L	1013			1808								4	5A6	±3; DOMINANTLY HIGH C; GOUGE 1/2 @ 136.2 - 136.5 ft; ↳ No. 15. MENTIONED	FUBBLE	Floor 1/5 ₂
L	1808			1837								5	5C*	DOLO		1/5 ₂
L	1837			2058								6	5B3	±6 ±2 ± SERICITIC + (5D3)		1/5 ₂
L	2058			2180								7	5C3*	DOLO, 5% CHLORITE STRIPES;		1/5 ₂
L	2180			2465								8	5A6	±3; 15% QZ VNS 1/5 ₂ @ 217.0 - 218.5 ft; MINOR GOUGES @ 220.7 - 221.2 (QZ) WITH QZ U. @ 235.0 - 235.5 (CONTACTS?)		1/5 ₂
L	2465			2582								9	5B6.2	±3	2 cm QZ VN ~ 1/5 ₂	
L	2582			2650								10	4E8*	SLIGHTLY + MOD. CALC;		1/5 ₂
L	2650			2730								11	4D10	+ (TAL TRENDS 4.0) 267.5 - 273 = 1.4 ft FURROWS - SOME COARSE FUBBLE;		1/5 ₂
L	2730			2965								12	4A3	±1 + (3G12 - FINELY INTERBANDS) 281.5 - 281.8 = GOUGE - CONTACTS?		1/5 ₂
L	2965			3026								13	4C*	- DOLO + (4A3)		1/5 ₂
L	3026			3164								14	4A3	±1 + (3G12 - FINELY INTERBANDS) + (5cm OF 5C3 @ F/W)		1/5 ₂
L	3164			3227								15	4C10	1/2* - DOLO / ±R / +4 @ 20cm F/W/ + SERICITIC / + (4A3)	3 cm QZ VN 1/5 ₂	
L	3227			3283								16	5C3A	- 1% CHLORITE + (4E*4 - CALC) + (ALO) + (10R0) - MILD BAG;		1/5 ₂
L	3283			3368								17	4E*4	- V. CALC, ± POROUS;		1/5 ₂
L	3368			3535								18	4G4	± CALC @ 1.0 cm H/W; 60% BARR. (R @ 20cm H/W)	COARSE FUBBLE	FLOOR 1/5 ₂
L	3535			3545								19	4E*	±4 ± POROUS - CALC;	MASSIVE SULPHIDE	TRANSITION
L	3545			3566								20	4K0	10% ANK CLOTS 0.5 - 3cm DIA; LOW GRADE, MASS. PY MATRIX		
L	3566			3647								21	4E6A	10cm gouge @ 360 REPRESENTS 9' MISSING CORE	GRADES 20cm	1/5 ₂
L	3647			3668									4L0			1/5 ₂
L	3668			3703								22	4G4	70% BARRITE + C @ 1.5 cm H/W;		1/5 ₂
L	3703			3713								24	5C*	DOLO, 1% FUCHSITE	3cm SULPHIDE GOUGE - CNT	

Structural Log

Code	From			To			Feature	E %	S ₀		S ₁		S ₂		Description
	10	14	16	20	22	24			26	28	32	34	38	40	
S				71	0		C.S.Z.S			43	00	61	23	0	
S				92	0		C.S.Z.S			80	14	62			
S				111	0		C.S.Z.S			91	00	67			
S				133	0		C.S.Z.S			61	00	70			
S				152	0		C.S.Z.M					78			
S				172	0		C.S.Z.M					61			REVERSING S/Z
S				193	0		C.S.Z.M					66			"
S				213	0		C.S.Z.R					64			
S				233	0		C.S.Z.M					72			SCRAMBLED UP BY ABUNDANCE OF QZ INS
S				254	0		C.S.Z.S			63	00	72			
S				274	0		C.S.Z.M			00	00	90			QZITE BANDING // C.A.
S				298	0		C.S.Z.R					61			S? → some poor S-sym
S				320	0		C.S.Z.R					54			
S				340	0		C.S.Z.R					84			
S				358	0		C.S.Z.R					62			
S				375	0		C.S.Z.S			61	00	66			
S				391	0		C.S.Z.R					71			
S				411	0		C.S.Z.R					82			LOCAL POOR S?
S				431	0		C.S.Z.R					54			
S				443	0		C.S.Z.S			60	00	64			
S				466	0		C.S.Z.D			76	09	78			FA @ 00/00
S				486	0		C.S.Z.R					90			
S				506	0		C.S.Z.H					88			
S				526	0		C.S.Z.R					75			
S				537	0		C.S.Z.Z					54			BASED ON ONE ^{GOOD} SMALL Z-fol IN AC.
S				558	0		C.S.Z.R					78			
S				575	0		C.S.Z.S			72	00	78			S? OR REVERSE DIP TO Z?
S				587	0		C.S.Z.M					70			FA @ 42/180; RATE S'S & Z!
															END OF HOLE @ 591 FT.

DDH FAG A063
 2 Feet 8

Cyprus Anvil Mining Corp.

Page _____ of _____

Structural Log

Date: _____ Logged By: _____

Code	From				To				Feature	SYM	S ₀		S ₁		S ₂		Description
	10	14	16	20	22	24	26	28			32	34	38	40	44		
F	1660		1665		G						99	99	99				
F	1362		1365		G						99	99	99				
F			1808		R												
F	2207		2212		G												
F	2350		2353		G												
F	2675		273		P.R.		2										
F	2815		2818		G												
F			3535		R												
F	3580		3620		G.P.		0										
F			3713		G												
F	3946		3960		R.G.												
F	3960		4010		X?												
F	4119		4129		X?												
F	4627		4670		G												
F	477		4834		G												
F			4817		X												
F			4852		X												

original

DDH F.A.G.A.0.63 Cyprus Anvil Mining Corp

Logged by ga

ASSAY LOG (SAMPLER'S COPY) Date Aug 22/81

Sampled by _____

Feet

CODE	FROM		TO		SAMPLE			INTR.			REC		UNIT		DESCRIPTION
	10	14	16	20	22	26	28	30	32	34	36	40	42		
P	25	8	2	26	5	0	111034	68	68	68	68	4E	8X		
P	26	5	0	27	3	0	111035	80	60	60	60	4D	0	(4L)	
	1	1	1	1	1	1	1	1	1	1	1	1	1		
P	27	3	0	27	9	0	111036	60	53	53	53	4A	B	±1	
P	27	9	0	28	5	0	111037	60	60	60	60	4A	B	±1	
P	28	5	0	29	1	0	111038	60	60	60	60	4A	B	±1	
P	29	1	0	29	6	5	111039	55	55	55	55	4A	B	±1	
P	29	6	5	30	2	6	111040	61	61	61	61	4C	X	(4A13)	
P	30	2	6	30	9	5	111041	69	52	52	52	4A	B	±1	
P	30	9	5	31	6	4	111042	69	69	69	69	4A	B	±1	
P	31	6	4	32	2	7	111043	63	63	63	63	4C	0	± * dolo. / ± 8 + 4	
P	32	2	7	32	8	3	111067	59	59	59	59	4C	3H	4E *	
P	32	8	3	33	2	6	111044	43	43	43	43	4E	*A	± pos	
P	33	2	6	33	6	8	111045	42	42	42	42	4E	*A	± pos.	
P	33	6	8	34	2	4	111046	56	56	56	56	4G	4	± calc	
P	34	2	4	34	8	0	111047	56	56	56	56	4G	4	± calc	
P	34	8	0	35	3	5	111048	55	55	55	55	4G	4	± calc	
P	35	3	5	35	5	5	111049	10	10	10	10	4E	*A	± 4 ± pos. calc	
P	35	5	5	35	6	6	111050	21	20	20	20	4K	0		
P	35	6	6	36	0	7	111051	14	15	15	15	4E	6	4	
P	36	0	7	36	4	7	111052	14	24	24	24	4E	6	4	
P	36	6	8	37	0	3	111053	35	25	25	25	4G	4		
	1	1	1	1	1	1	1	1	1	1	1	1	1		
P	37	1	3	37	7	2	111054	29	29	29	29	4D	0		
P	37	6	1	37	8	5	111055	24	24	24	24	4E	1	± * calc.	
P	37	8	5	38	3	9	111056	54	54	54	54	4C	3	sev + 4A13	
P	38	3	9	38	9	3	111057	54	64	64	64	4C	3	sev	
P	38	9	3	39	4	6	111058	53	52	52	52	4C	3	sev	
P	39	4	6	39	6	0	111059	14	14	14	14	4C	*A	± calc. Gauge.	
P	39	6	0	40	1	0	111060	50	44	44	44	4C	0	Bx	
P	40	1	0	40	4	7	111061	37	37	37	37	4C	0	± sev.	
P	40	4	7	41	1	9	111062	72	72	72	72	4A	3	±1	
P	41	1	9	41	2	9	111063	10	10	10	10	4A	3*	± 1 Bx	
P	41	2	9	41	9	8	111064	69	69	69	69	4A	3		
P	41	9	8	42	6	6	111065	68	68	68	68	4A	3		
P	42	6	6	42	8	5	111066	19	19	19	19	4A	D	4 sev.	

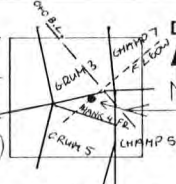
DIAMOND DRILL RECORD

LOGGED BY Stanley Reamsbottom

PROPERTY Vangorda - "Champ" Zone - Kerr Addison - AEX - Joint Venture

D.D.H. No. A - 63 PAGE 1 of 6

LATITUDE 10 31.44 N BEARING OF HOLE 4100S STARTED Dec. 3/74 D.S.



CLAIM No. HANK 4 FR.

DEPARTURE 7744-20 E DIP OF HOLE - 90° COMPLETED Dec. 9/74 D.S.

D.D.H. # A-63
DIRECTION AND DISTANCE FROM

ELEVATION 4131 P.A. Topog. DIP TESTS 0=70' - BW DEPTH Proposed: 560'
4131 A.S.L. HOLE SIZE: 70-591' - BQ Ultimate: 591' (180' 1412)


~~NE CLAIM POST~~

FOOTAGE		DESCRIPTION	Rec. Ft.	Sample No.	Footage		Sample Length	Assay					Assay x Feet				
FROM	TO				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag		
0	67	Overburden	Nil		0	67											
67	174	BLACK STRIPED GRAPHITIC PHYLLITE, with thin zones of grey green sericite-chlorite phyllite (ex 99-101). Pervasive F ₂ , F ₁ defined by quartzo-feldspathic laminae, these locally subvert. Minor blebs of pyrite, pyrrhotite. C.A. 50=35; 80=63; 100=60; 120=70; 140=76; 150=75; 160=66; 170=58	1/1 78/85 1/5 15/16		67 68 153 158	68 153 158 174											
174	220	GREY QUARTZ SERICITE CHLORITE PHYLLITE with minor carbonite. Note zones of mottled CHLORITE, SERICITE, CARBONITE, PHYLLITE ex 208-17'. Thinly (2 mm) laminated, quartzo-feldspathic laminae alternate with micaceous. Rocks possibly slightly altered. Minor pyrrhotite blebs. C.A.: 180=53; 190=70; 200=60; 210=F ₁ 50, F ₂ =76; 220=70	3/7 35/39		174 181	181 220											
220	258	BLACK STRIPED GRAPHITIC PHYLLITE - local fault breccia ex 225.5 small-scale. Minor pyrite, as pyrite at 235' also at 241'; quartz veins: blebs pyrite, pyrrhotite at 255.5' C.A.: 230=61; 240=70	8/10 2/6 21/22		220 230 236 236 258	230 236 258											
258	273	MASSIVE BANDED PYRITIC SULPHIDE: Fine grained Pyrite, magnetite (1-2%) with lesser orange sphalerite ± galena, magnetic. Quartz gauge with local pale sericite. 60-70% pyrite 3-6 Lead Zinc. Note sulphide folded into small-scale F ₂ folds. Last 8' sericite rich: pyrite sphalerite 8% Lead Zinc. C.A.: 260=65; 270=76.	4/4 3/3 25/25 15/55	1230 1231 1232 1233	258 262 265 267.5 265.0 262.0 253.0	262 265 267.5 273 273 273 265.0 262.0 205.0	4 3 2.5 5.5 8.0 10.0 7.0	1.73 1.40 2.15 3.15 2.84 2.55 1.59	1.48 1.02 2.64 1.90 2.13 1.91 1.71	.77 .74 .88 1.21 1.11 1.03 .97 .76				6.92 4.20 5.375 17.325 22.700 25.50 29.56 11.12	0.92 3.06 6.6 10.45 17.05 19.09 22.048 8.98	3.03 2.22 2.2 6.665 8.855 10.335 12.48 5.80	
273	315	SULPHIDE ZONE IN STRIPED QUARTZ-FELDSPAR DARK GREY GRAPHITIC PHYLLITE. 30-40% pyrite in F ₁ layers (0.5-1 cm). Also vextallized in F ₂ to lesser degree. Minor sphalerite with chalcopryrite in tension gashes. Grade 2-3% Lead Zinc possibly less.	10/10 10/10 3/3 10/10 9/9	1234 1235 1236 1237 1238	273 283 293 296 306	283 293 296 306 315	10 10 3 10 9	.37 .15 .37 .18 .14	.32 .12 .29 .15 .27	.29 .15 .44 .15 .15				2.70 1.93 3.30 3.69			

re-constituted

DIAMOND DRILL RECORD

LOGGED BY Stanley Reamsbottom

D.D.H. No. A - 63 PAGE 4 of 6
 CLAIM No. _____

 DIRECTION AND DISTANCE FROM
 NE. CLAIM POST

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

FOOTAGE		DESCRIPTION	Rec. Ft.	Sample No.	Footage		Sample Length	Assay					Assay x Feet				
FROM	TO				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag		
401.5	426	SULPHIDE ZONE IN QUARTZ-GRAPH STRIPED PHYLLITES. With minor QUARTZ-SERICITE PHYLLITE: Phyllite has ribbon texture. 25-30 pyrite. Mineralization concentrated in F ₁ layers, mainly, 2% Lead Zinc or less. Blebs of chalcopyrite, some concentrate in tension gashes. F ₂ fold at 408', Breccia at 411-13'	75/75 10/10 7/7	1257 1258 1259	401.5 409 419	409 419 426	7.5 10 7	.10 .09 .08	.29 .31 .23	.10 .04 .03					2.92 4.00 2.17	PbZn - -	
		#1257 - Mineralization ribbon quartz-graph phyllite 25% pyrite, 1-2 Lead Zinc			398.0	426.0	28.0	0.44	PbZn		wt Au				12.45	PbZn	
		#1258 - Mineralization quartz-graph phyllite. Breccia at 411-13; 20 Pyrite, pyrrhotite, marcassite, chalcopyrite 1-2 Lead Zinc															
		#1259 - Mineralization striped ribbon graph phyllite 20 pyrite, pyrrhotite, chalcopyrite 1-2 Lead Zinc C.A. 410 = 80; 420 = F ₂ 71, F ₁ 40															
426	433.8	GRADES THRO MINERALIZATION PHYLLITE (SPHALERITE RICH) to MASSIVE PYRITE SULPHIDE, with white BARITE 75-80 pyrite; barite; sphalerite; 1% magnetite; massive pyrite porous texture 8-12% Lead Zinc C.A. 430 = 68	7 68/68	1260	426	433.8	7.8	4.50	6.24	1.71					25.10 30.60	23.672 42.43	15.775 11.63
				Wt Au	4.60	436.0	10.0	3.92	5.26	1.44 (49.5)					35.18	50.58	14.428
					1232.0	436.0	(2.2)								3.02	3.96	1.1
433.8	438.5	GREY-WHITE SERICITE PHYLLITE with bands of massive pyrite with magnetite 2%, chalcopyrite; dark brown sphalerite; 3-4 Lead Zinc	47/47	1261	433.8	438.5	4.7	1.40	1.78	.50					6.58	8.37	2.35
438.5	477	GREY STRIPED QUARTZ-SERICITE PHYLLITE, which looks bleached and altered. (Minor biotite at 441). Local white quartz-sericite units. Many tension gashes filled with white carbonite, or barite. Quite graphitic at 475'. C.A. 440 = 66; 450 = 85; 460 = 82; 470 = 79	37/395		438.5	477	11.5	3.23	4.42	1.21	wt Au				37.18	50.80	12.03
477	485.3	WHITE-GREEN QUARTZ-SERICITE-CHLORITE PHYLLITE WITH BANDS OF MASSIVE PYRITE WITH 1% BLACK MAGNETITE, DARK BROWN SPHALERITE, MINOR CHALCOPYRITE in tension gashes. 4-6% Lead Zinc. Note Sulphide breccia in last 2'. C.A. 480 = 70	2/2 63/63	1265 1262	477 479 478.3	479 485.3 485.3	2.0 6.3 7.0	.44 2.15 1.98	.75 2.22 2.07	.18 .74					13.545	13.986	4.662
											wt Au				13.853	14.511	4.788

DIAMOND DRILL RECORD

LOGGED BY Stanley Reamsbottom / Fred Chow

PROPERTY _____

D.D.H. No. A - 63 PAGE 5 of 6

LATITUDE _____

BEARING OF HOLE _____

STARTED _____

CLAIM No. _____

DEPARTURE _____

DIP OF HOLE _____

COMPLETED _____

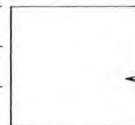
DIRECTION AND DISTANCE FROM

ELEVATION _____

DIP TESTS _____

Proposed:
DEPTH Ultimate: _____

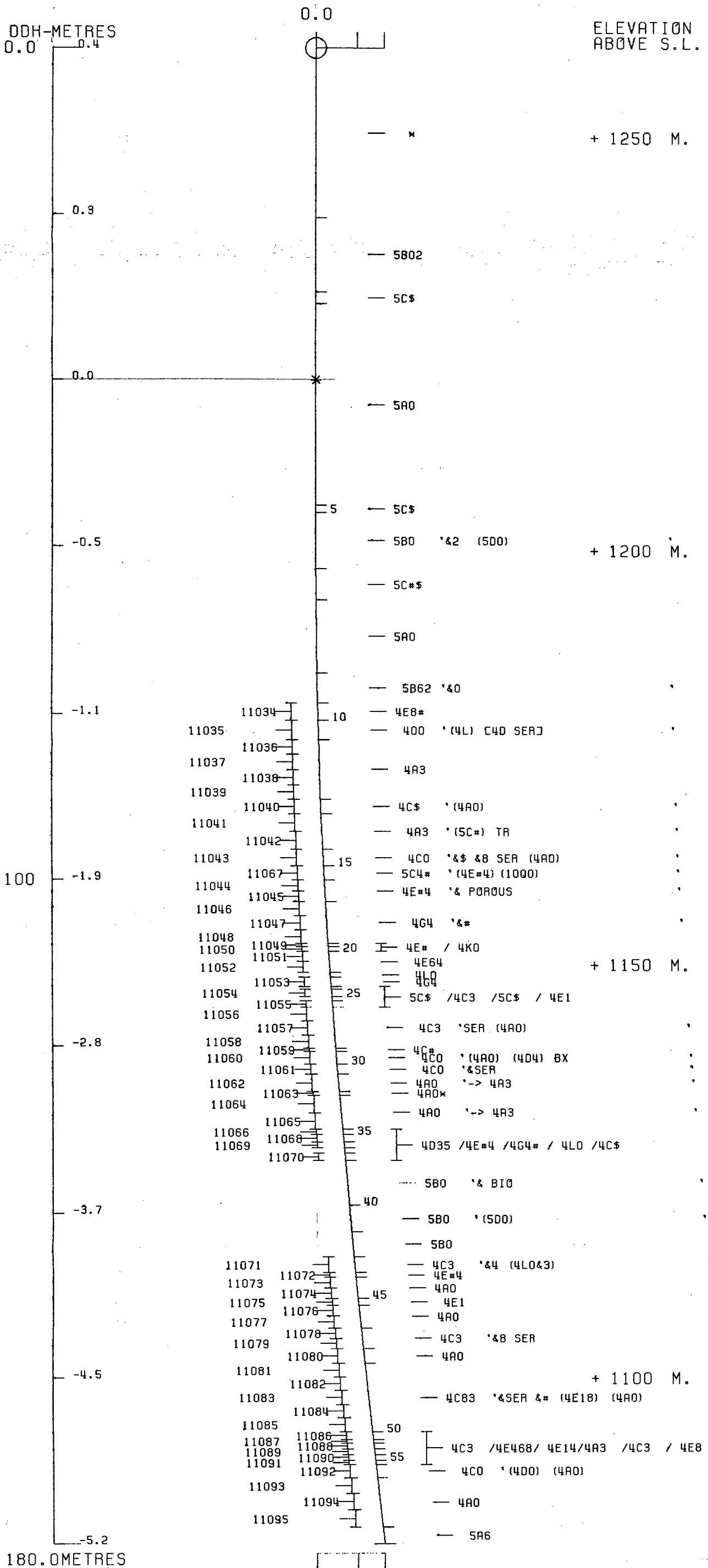
NE. CLAIM POST



FOOTAGE		DESCRIPTION	Rec. Ft.	Sample No.	Footage		Sample Length	Assay					Assay x Feet				
FROM	TO				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag		
485.3	505	SULPHIDE ZONE IN STRIPED QUARTZ-GRAPH PHYLITE. 15-20% Pyrite concentrate in F ₁ laminae (1-2 cm) in places. Thin bands of more massive pyrite (ex 493-96) Minor pyrrhotite, chalcopyrite. I - Lead Zinc; STRIPED-RIBBON TEXTURE C.A. 490 = 75; 500 = 75, small-scale F ₂ folds. Last foot pyrite breccia in quartz-carbonate.	97/97	1263	485.3	495	9.7	.15	.17	.15				3.10	PbZn		
			10/10	1264	495	505	10	.27	.39	.20				6.00	"		
					485.3	505.0	19.7	.49	PbZn		wt. Au			9.70	"		not
505	583.1	SULPHIDE ZONE in siliceous quartz-sericite phyllite ± graphite. Highly siliceous rocks containing variable but small amounts of phyllites and hard tan colored mineral. Sulphide content varies abruptly. Magnetite generally associated with higher sulphide sections, particularly Lead Zinc mineralizations Splashes chalco notable.	7.6	1266	505	513.7	8.7	2.20	2.40	.97				19.14	20.88	8.439	not
							(1.3)							.169	.286	.13	not
			8.2	1267		522	8.3	.13	.22	.10							
			8.4	1268		530.4	8.4	1.88	1.66	.77				29.23	PbZn		
		Barren, narrow (.05 - .3') bands of bleached buff sericite phyllite common throughout zone. Tan colored mineral and quartz-feldspar often appear as fragments, or fractured, or brecciated.	5.5	1269		536.1	5.7	1.10	1.40	.59				14.25	-		
		505.0 - 509.0 - 40-45 Pyrite, 8 Lead Zinc, 0.7 magnetite;	4.7	1270		541.0	4.9	1.65	1.62	.74				16.02	-		
		0.3' buff sericite, fragments of tan mineral.	5.4	1271		546.4	5.4	1.85	1.56	.83				18.41	-		not
		509.7 - black graphite and buff sericite and quartz vein. No sulphides			522.0	540.4	24.4	3.19	PbZn		wt. Au			77.91	PbZn		not
		513.5 - Massive pyrite - 75-80%, 8 Lead Zinc, no magnetite	2.7	1272		549.1	2.7	.23	.25	.18							
		522.6 - Banded, light grey quartz-sericite sulphides, 15-20 pyrite, 0.6 Lead Zinc, 0.1 Copper	3.6	1273		552.7	3.6	4.65	5.22	1.62				16.74	18.792	5.822	not
		530.4 - as 505.0 - 509.0 30 Pyrite, 8 Lead Zinc, 4 magnetite, 0.2 copper. Also fragments magnetite at end.	3.0	1274		555.7	3.0	.12	.13	.10				.36	.39	.30	not
		531.9 - Pyrite breccia cemented, also loosely held in sericite-carbonite, 30 pyrite, negligible Lead Zinc	8.3	1275		564.0	8.3	1.70	2.58	.68				14.11	21.41	5.644	
		549.1 - as 505-509, many bands buff sericite, also grey sericite fragments and fragmented tan mineral and quartz-feldspar, 15-35 pyrite, 0.3 - 7	4.2	1276		568.3	4.3	.17	.40	.15				2.45	PbZn		
			9.5	1277		578.0	9.7	.05	.10	.04				1.45	"		
			5.1	1278		583.1	5.1	.07	.12	.06				.97	-		
					504.0	583.1	19.1	.25	PbZn		wt. Au			4.87	PbZn		

DDH: FAGA063 -- 42 DEGREE PROFILE (VIEW AZIMUTH = 312 DEGREES)

ELEV:1261 592450E ; 904525N
 PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0
 CORRECTED COLLAR POSITION: X = 251.0 Z = 1260.8
 SECTION NAME: 60W



DDH: FAGA063 -- 42 DEGREE PROFILE

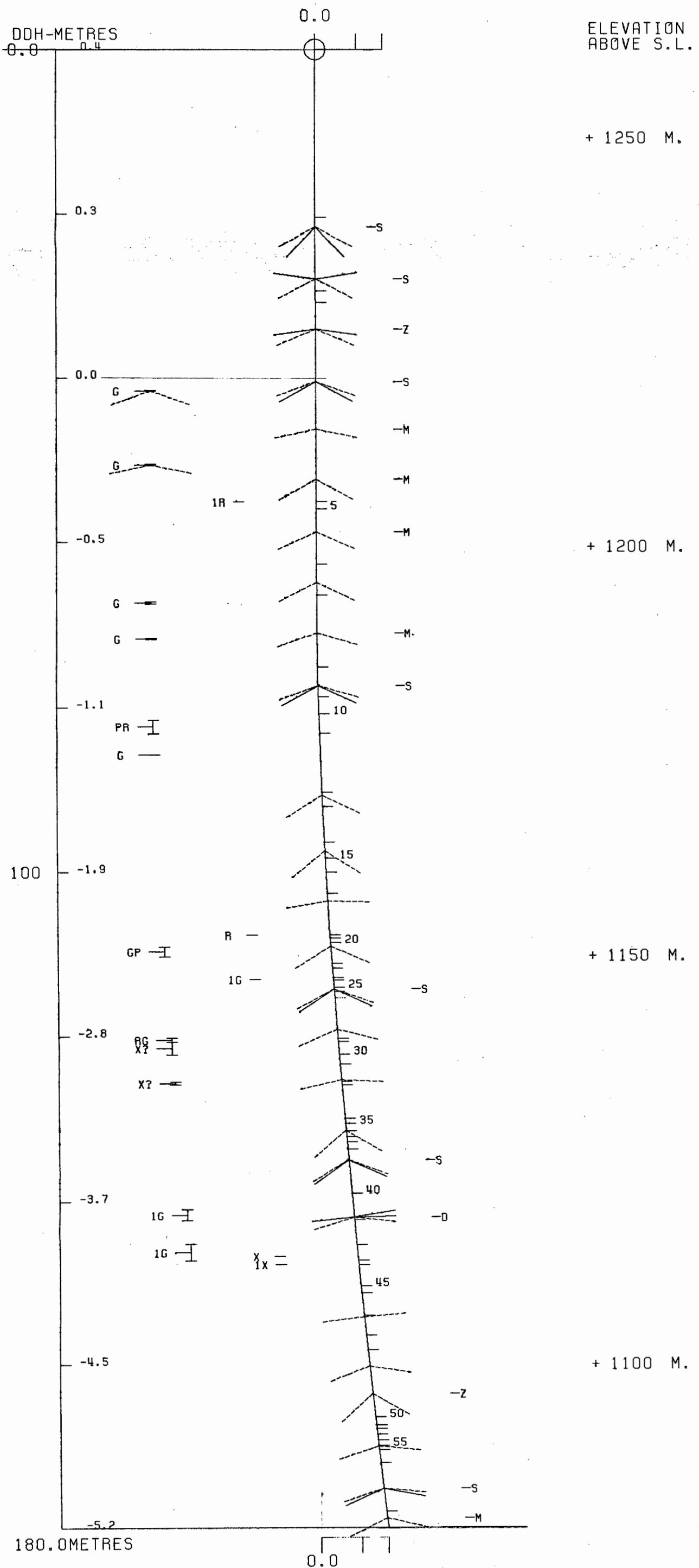
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1261 592450E ; 904525N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 251.0 Z = 1260.8

SECTION NAME: 60W



DCH	SAMPLE	---DEPTHS---		INT M	REC %	ROCK UNIT	S.G.	CU %	PB %	ZN %	AG G/MT	AU G/MT	PO %	PY %	BAO %	PB+ZN %	PO+PY %	ZN RATIO		
		FROM	TO																	
FAGA110	14595	41.5	43.5	2.0	100	4C38		.20	.75	.83	14.0								1.58	.53
	14596	43.5	45.5	2.0	100	4C38		.18	1.60	1.20	26.0								2.80	.43
	14597	45.5	47.5	2.0	100	4C38		.19	2.09	2.13	32.0								4.22	.50
	14598	47.5	50.2	2.7	96	4C38		.13	2.21	2.09	35.0								4.30	.49
	14599	50.2	51.2	1.0	100	4E1\$.41	2.44	2.19	53.0								4.63	.47
	14600	51.2	53.2	2.0	100	4A13		.14	.15	.14	8.0								.29	.48
	14601	53.2	55.2	2.0	100	4A13		.20	.30	.40	17.0								.70	.57
	14602	55.2	57.2	2.0	100	4A13		.21	.26	.41	15.0								.67	.61
	14603	57.2	58.8	1.6	100	4A13		.26	.27	.64	11.0								.91	.70
	14604	58.8	59.7	.9	100	4LD		.02	3.82	7.40	46.0								11.22	.66
	14605	59.7	61.7	2.0	100	4D4		.10	3.88	7.40	58.0								11.28	.66
	14606	61.7	63.2	1.5	100	4DEC		.03	2.47	2.20	45.0								4.67	.47
	14607	63.2	64.7	1.5	100	4A14		.07	4.01	8.00	53.0								12.01	.67
	14608	64.7	65.9	1.2	100	4E4*		.14	4.96	7.80	77.0								12.76	.61
	14609	166.7	167.6	.9	100	4A1		.04	1.13	1.68	18.0								2.81	.60
	14610	167.6	168.3	.7	100	4E48		.19	2.89	2.96	41.0								5.85	.51
14611	168.3	169.5	1.2	100	4A1		.16	1.00	1.75	21.0								2.75	.64	
14612	169.5	170.7	1.2	100	4KC		.24	.65	.50	18.0								1.15	.43	
14613	175.1	176.7	1.6	100	4EC		.01	.10	.05	9.0								.15	.33	

DRILL HOLE : FAGA110
NORTHING : 904,570.7
EASTING : 592,493.3
ELEVATION : 1,262.8
TOTAL DEPTH : 198.0
SECTION : W 60
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS CRE-SAMPLES: 19
NOS DOWN-H-SURVEYS: 4
NOS DOWN-H-LITHCLOGY: 35
NOS DOWN-H-STRUCTURE: 20
NOS DOWN-H-FAULTS: 36
NOS DOWN-H-SPLINES: 4
NOS COMPOSITES: 0

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

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

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

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
40.0	0001	#		0.5-	1
41.5	0002	5B62	8\$ (10Q\$) 99:C1	0.5-	1
50.2	0003	4C38	8\$ MINOR (4LC)(5D4*) 76:2:2	0.5-	1
51.2	0004	4E1\$	88 -> 4K0 LOCALLY	0.5-	1
58.8	0005	4A13	8\$->4C5->4C0838\$ [4L ON 4A]	0.5-	1
59.7	0006	5D4*	(4D4) 80:20	0.5-	1
60.3	0007	4D4	8\$ BX	0.5-	1
60.8	0008	5D4*9	PY	0.5-	1
63.2	0009	4D4	8\$ (4C3\$)(4E4\$) & POROUS	0.5-	1
64.7	0010	4A14	(10Q\$9)	0.5-	1
65.9	0011	4E4#	8\$ 86?	0.5-	1
66.3	0012	4L2	(4Q*[4E*]) 8C:20	0.5-	1
66.6	0013	4CC	8\$ (4L)90:10 [4C SER][4CL]	0.5-	1
70.2	0014	5B6\$	82	0.5-	1
126.9	0015	5B0	88 (5D0)(10Q#) -> G.E.H.	0.5-	1
147.4	0016	5B80	(5D0)(10Q#)1%	0.5-	1
162.4	0017	5B0	82 (5D0)(10Q#)2%	0.5-	1
163.1	0018	5D0	-> 5D4\$	0.5-	1
164.7	0019	5B62\$	(5D\$)(10Q0) 80:05:15	0.5-	1
165.0	0020	5A19	-> 4AC	0.5-	1
165.8	0021	5D4\$	(5A689)(10Q*9) 60:10:30	0.5-	1
166.2	0022	5B62\$		0.5-	1
166.7	0023	5D0	84 (10Q\$)(4D0) 70:10:20	0.5-	1
167.5	0024	4A1	(4C583)	0.5-	1
167.6	0025	5D4*		0.5-	1
168.3	0026	4E48	86? 8#	0.5-	1
169.5	0027	4A1	-> 4C5 (5D4*)	0.5-	1
170.7	0028	4K0	INTRUSIVE MASS ?	0.5-	1
172.6	0029	5B62	8\$ -> 5A6 8\$	0.5-	1
175.1	0030	5B6*	82	0.5-	1
176.7	0031	4E0	BX	0.5-	1
182.5	0032	5B62\$	(5D4*)	0.5-	1
191.7	0033	3G4	8\$ (5D4*) (4LC)	0.5-	1
192.4	0034	3G9	83 (4LC)	0.5-	1
198.1	0035	5D4*	[4LC]	0.5-	1

DDH: FAGA110 UTM-N: 904,570.7 UTM-E: 592,493.3 UTM-ELEV: 1,262.8 TOTAL DEPTH: 198.0 SECTION: W 60
 RFE: S2 RFE DIR: 230 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
FAGA110	0.0	38.5	CS2			C	0	C	80	230	C		1	1	1
FAGA110	0.0	46.6	PS2	P		C	0	C	80	230	C		1	1	1
FAGA110	0.0	53.6	PS2	P		C	0	C	75	230	C		1	1	1
FAGA110	0.0	61.2	PS2	P		C	0	C	60	230	C		1	1	1
FAGA110	0.0	71.4	PS2	P		C	0	C	65	230	C		1	1	1
FAGA110	0.0	77.0	PS2	P		C	0	C	65	230	C		1	1	1
FAGA110	0.0	85.7	CS2			C	0	C	85	230	C		1	1	1
FAGA110	0.0	93.2	CS2			C	0	C	70	230	C		1	1	1
FAGA110	0.0	100.6	CS2			C	0	C	70	230	C		1	1	1
FAGA110	0.0	107.4	CS2			C	0	C	80	230	C		1	1	1
FAGA110	0.0	114.5	CS2			C	0	C	70	230	C		1	1	1
FAGA110	0.0	123.0	CS2			C	0	C	80	230	C		1	1	1
FAGA110	0.0	130.3	CS2			C	0	C	85	230	C		1	1	1
FAGA110	0.0	137.0	CS2			C	0	C	85	230	C		1	1	1
FAGA110	0.0	143.6	CS2			C	0	C	85	230	C		1	1	1
FAGA110	0.0	153.0	CS2			C	0	C	70	230	C		1	1	1
FAGA110	0.0	158.5	PS2	P		C	0	C	75	230	C		1	1	1
FAGA110	0.0	165.7	PS2	P		C	0	C	65	230	C		1	1	1
FAGA110	0.0	174.8	CS2			C	0	C	80	230	C		1	1	1
FAGA110	0.0	187.4	PS2	P		C	0	C	50	230	C		1	1	1

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

DDH	F DEPTH	T DEPTH	FEAT	REC	CD	PARLL	UPPER PLANE	INTERNAL PLANE	LOWER PLANE	DHD			
FAGA110	41.3	41.5	R				0	0	C	C	0	0	1
FAGA110	56.8	57.8	1XQ				0	0	C	C	0	0	1
FAGA110	59.7	60.3	D				0	0	C	C	0	0	1
FAGA110	0.C	61.3	R1P				0	0	C	C	0	0	1
FAGA110	60.8	63.2	1D				0	0	C	C	0	0	1
FAGA110	63.2	64.7	D				0	0	C	C	0	0	1
FAGA110	69.3	69.5	G				0	0	C	C	0	0	1
FAGA110	74.3	74.4	G				0	0	C	C	0	0	1
FAGA110	79.1	79.4	GR				0	0	C	C	0	0	1
FAGA110	80.8	82.8	RGX	6			0	0	C	C	30	270	1
FAGA110	0.C	96.2	G				0	0	C	C	0	0	1
FAGA110	101.9	102.1	RG				20	200	C	C	0	0	1
FAGA110	115.9	116.0	1G				0	0	99	999	0	0	1
FAGA110	122.6	122.9	1G				99	999	C	C	30	0	1
FAGA110	126.2	126.4	G				0	0	C	C	0	0	1
FAGA110	127.0	127.3	G				20	270	C	C	60	0	1
FAGA110	129.8	129.9	G				0	0	C	C	0	0	1
FAGA110	135.8	135.9	G				45	0	C	C	0	0	1
FAGA110	142.1	142.6	RG				0	0	C	C	0	0	1
FAGA110	0.C	143.0	G				0	0	C	C	0	0	1
FAGA110	0.C	143.2	G				0	0	C	C	0	0	1
FAGA110	145.4	146.3	P	8			0	0	C	C	0	0	1
FAGA110	148.8	149.1	G				0	0	99	999	0	0	1
FAGA110	0.C	153.8	G				0	0	99	999	0	0	1
FAGA110	161.3	161.8	G				99	999	C	C	0	0	1
FAGA110	163.1	164.7	3B				0	0	C	C	0	0	1
FAGA110	165.0	165.2	B				0	0	C	C	0	0	1
FAGA110	0.C	166.7	1G				0	0	C	C	0	0	1
FAGA110	167.5	167.6	R				0	0	C	C	0	0	1
FAGA110	0.C	169.2	R				0	0	C	C	0	0	1
FAGA110	170.7	174.9	2B				0	0	C	C	0	0	1
FAGA110	174.9	175.1	G				C	0	99	999	0	0	1
FAGA110	175.1	175.7	DXQ				0	0	C	C	0	0	1
FAGA110	176.7	182.5	G3F				C	0	C	C	0	0	1
FAGA110	182.5	191.7	3GR				0	0	C	C	0	0	1
FAGA110	191.7	198.1	G3F				0	0	C	C	0	0	1

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

DDH SEGMENT NOS CCND INDICATOR

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

CYPRUS ANVIL MINING CORPORATION
DIAMOND DRILL CORE LOG

Page 1 of 8

Date: 26-27 AUG 82

Hole Number: FAGA 110

Reference Fabric Orientation Diagram:

Project: GRUM REL08

Location: 60W

Claim: _____

Terr. Plane Co-ords.: 904570.7 N

592493.3 E

Grid Co-ords: _____

Elevation: 1262.8

All symmetry determinations looking

_____ with _____ dipping

Total Depth: 198.1

_____ with dip azimuth _____.

Purpose: _____

Reason hole Terminated: _____

Logged by: GAJ ASJ.

Date(s) Logged: 26 AUG 82

Drilling Contractor: _____

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

Hole Cemented: _____

Steel down hole: _____

Started: _____ Completed: _____

979 H2W
Aerial Photo Survey

Lithologic Log

Code	From	To	Recov.	No.	Unit	Description						
1	10	14	16	20	22	24	26	28	30	34	35	
L		100		409					1	#	O/B	
L		400		415					2	5B192	±* ; mod homo., mgy slightly dot (OQ*dot) = 10% as S ₂ // 3cm or less pods; intact to rubble last 0.2m	
L		415		502					3	4C38	±* dol minor (410, 504*dot); 90:2:2 well banded sulf.-rich gytex w/ local Fe ₂ O ₃ bands of dot. patches c.f. auger in S ₂ fol ⁿ of local dot-rich bands // S ₂ & comp. layering; S _T = 50%-60% w/ py. dominant to only sulfide; below 46.5 BM sulfs inc. w/ ZnS honey colored; prom. 4L-like folia a few mm. thick locally to 10s of cm. e.g. 42.4-42.9; 504* @ 41.8-42.0 & 50.1-50.2; reasonable exhal. texts	
L		502		512					4	4E1*	*-dot as unreg. blebs & disrupted layers locally ⇒ 4K0; 1 = 5.0 ₂ as minor 1mm diam amoeboid blebs; w/ bly banded, low BM sulfs @ end of int	
L		512		518					5	4A13	±*dot ⇒ 4C5 ⇒ 4C0 ± 3; 50% S _T py dom; excell. banding; fine 4A exhal. texts; units grade one into another ⇒ bleaching; 4C0 = 51.2-51.5, 51.8- 52.1, 52.3-53.2, 56.6-58.8 (w/ much 4C5) unsplit as v. low grade; rec. OK; bleaching may be 4L overprinting as negligible 5CD; 1 5D @ 54.5- 54.6 w/ upper margin unbleached lower bleached, * as thin bands // layering; local chib bxia 56.8-57.8	
L		518		519					6	5D4*	(4D4); 80:20; 4D as 1cm-8cm S ₂ // bands ⇒ tufts / exhalite interbanding last 0.3m has m.g. granular texture & 5D banded // S ₂ - tufts w/ cse gr. size or meta ^m porph ^s ; split ung intact	last. 1m 4D4 Zn rich

Code	From	To	Recov.	No.	Unit	Description
L	59.7	60.3		7	4D4	±*dol.; well banded to micro-briated - ductile flow bxn of dol. bands forms ??; good banding of sep. of species ⇒ exhal. origin; hi-grade
L	60.3	60.8		8	5D4*	9=py as thin S, 11 films & stringers X cutting S; minor Fe-silicate; orig. intact
L	60.8	63.2		9	4D4	±*dol (4C3*dol) (4E4*dol) ± porous ± aster- oid texture; 4D well banded etc. - good exhal. text; micro-bria in CO ₂ bands yielding CO ₂ blbbs.; 80:10:10; also OQ*dol+Pbs+py; orig. intact except 61.3 rubble w/ 0.2m core loss? - 1 of worst sulf. intersections seen to date !! - 4E4 60.8-61.3 4C = 62.4-62.8
L	63.2	64.7		10	4A14	1=blk. cherty matrix; S _T ≈ 35% w/ ZnS dom. 2 ZnS: 1 py v. hi grade of micro-briated (ductile flow); OQ*Zns -Pbs 64.6-64.7; orig. intact; rec. OK good exhal. textures - sulf./chert banding
L	64.7	65.9		11	4E4*	* = calcite + local dol.; may be minor BaSO ₄ no bria; well banded; orig. intact; rec. OK
L	65.9	66.3		12	4A2	(4E* vein ??); 80:20; intact; boring
L	66.3	66.6		13	4C9	±*dol; well banded w/ 10% 4L colored bands, intact, barren
L	66.6	70.2		14	5B6*	±2; m. blk. minor indeter gauge 69.3- 69.5; * = dol in gty-sulfidation lens
L	70.2	129.6		15	5B9	±8; slight greenish gray cast causing incredible time wasting; 5D0 = 73.7- 74.1; no I/B liths save minor OQ* cal gen. intact; gouges: 74.3-74.4 IND prob S ₂ 11; 79.1-79.4 rubble of IND gauge; 80.8-82.8 = rubble of IND gauge upper may be S ₂ 11, lower cont. = 0.2m intact fault bria w/ fault @ 30°/270° ⇒ steep dipping fault

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
						1.2 m. rec'd this int; IND gauge @ 96.2; 101.9-102.1 = rubble + gauge, upper 20°/200° lux IND; 115.9-116.0 = S ₂ gauge; 122.6-122.9 = S ₂ min. gauge upper, to 11S ₂ lux 30°/000; 126.2-126.4 IND gauge; 127.0-127.3 = gauge 11S ₂ bounded by knife edge fault @ 20°/270 w/ S ₂ gauge prod. by drag rel'd to steep fault, lux cont 20°/000; 129.8-129.9 IND; rec'd OK for unit
L	1296	1474		16	5B8C	(S ₂ O) can't est. prop. but may be sub- \equiv ; OQ* cal = 1% S ₂ or F ₂ fold hinges; intact -> m. bln; gauge: 135.8-135.9 lux IND upper 45°/000 minor fault; 142.1-142.6 = .2m rubble + IND gauge - fault?; 143.0 & 143.2 = 2 cm. gauges IND; 145.4-146.3 = 0.2m. core loss; rec'd generally good
L	1474	1624		17	5BA	± 2 (S ₂ O) (OQ* cal) OQ* = 2% S ₂ foliaform 5-10 cm thick; not strongly calc. w/ poorly devel'd. lithon strata; carbon content increases downhole w/ lower portion of strong devel'd. S ₂ ll carb. folia; 156.5-156.8 = S ₂ O; gauges: 148.8-149.1 = 2.2 cm. S ₂ ll " w/ OQO - unisignif; 153.8 = 5 cm. S ₂ ll gauge, sm. fault; 161.3-161.6 upper 11S ₂ lux. artificial internal 11S ₂
L	1624	1631		18	5DA	\Rightarrow 5D4* det. dn hole; intact & BORING
L	1631	1647		19	5B62	* det (5D* det. (OQO)); u. bln, rec'd OK; 80:5:15
L	1647	1650		20	5A19	\Rightarrow 4HD, S _T = 5% all ZnS as S ₂ foliaform blebs wisps
L	1650	1658		21	5D4*	det (5A6 \pm 9 py) (OQ* py ZnS) = S ₂ foliaform veins; 60:10:30; intact below 165.2 bln above

Code	From		To		Recov.		No.		Unit	Description
	10	14	16	20	22	24	26	28		
L	1658		1662				22		5B62	*dol.; intact
L	1662		1667				23		5D4	±4 (00* dol. (400); 70:10; 20; intact w/ margin gouged (base 11 S ₂); 4D could be exhal. or vein
L	1667		1675				24		4A1	(405=3); intact; exhal. tests good. good recy; last 0.1m = 400 marg. to 5D
L	1675		1676				25		5D4*	chrys only
L	1676		1683				26		4E48	±6?? ±* cal; intact, normal etc etc; good recy.
L	1683		1695				27		4A1	→ 405 (5D4*) as micro tuffs; intact except 169.2 where rubbly; S _T = 20% py dom
L	1695		1707				28		4K40	intact; normal; low cont x cuts S ₂ - intersecon ???
L	1707		1726				29		5B62	±*dol ⇒ 5A6 ±* ; m. blk, no gouge good recy
L	1726		1751				30		5B6*	±2; m. blk w last 0.2 m. conc S ₂ // gouge
L	1751		1767				31		4EQ	intact; chls brated of CO ₂ cement & chert flow brca w/ sulf frags in sulf. flour matrix; 0.3m core loss - no gouge or rubble though
L	1767		1825				32		5B62	*dol (5D4*) 1 st 0.2m. blk. rest is ratstul gouge rubble IND!! - totally
L	1825		1917				33		3G4 [±]	*dol (5D4*) (410) interval 90% gouge & rubble recs. recy. considering; all IND
L	1917		1924				34		3G9 ^{±3}	(410) completely IND gouged
L	1924		1981				35		5D4*	[410] gouge " " ; major fault 176.9-198.1

DDH FAGAILLO
 2 8
 MARKS

Cyprus Anvil Mining Corp.

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Lithologic Log

Date: _____ Logged By: _____

Code	From				To				Recov.	No.	Unit	Description
	1	10	14	16	20	22	24	26				
L			00		1400					1	#	
L		40	0		415					2	S.B.6.2	2\$ (100\$) 99:1
L		415		50	2					3	4C.3.8	2\$ minor (4L) (504\$) 96:2.2
L		50	2		512					4	4E.1.\$	2\$ → 4K0 locally
L		51	2		588					5	4A.1.3	2\$ → 4C5 → 4C0 2.3 2\$ [4L on 4A]
L		58	8		597					6	5D.4.*	(4D4) 80:20
L		59	7		603					7	4D.4.	2\$ BX
L		60	3		608					8	5D.4.*	9 py
L		60	8		632					9	4D.4.	2\$ (4C3\$) (4E4\$) & porous
L		63	2		647					10	4A.1.4	(100\$9)
L		64	7		659					11	4E.4.#	2\$ 2.6?
L		65	9		663					12	4L.2.	(40* [4E*]) 80:20
L		66	3		666					13	4E.9.	2\$ (4L) 90:10 [4C SER. 7] [4CL]
L		66	6		702					14	S.B.6.\$	2.2
L		70	2		1269					15	S.B.0.	2\$ (5D0) (100\$) → "G.E.H."
L		12	69		1474					16	S.B.8.0	(5D0) (100\$) 1%
L		14	74		1624					17	S.B.0.	2.2 (5D0) (100\$) 2%
L		16	24		1631					18	5D.0.	→ 5D4\$
L		16	31		1647					19	S.1.6.2.\$	(5D\$) (1000) 80:5:15
L		16	47		1650					20	5A.1.9	→ 4A0
L		16	50		1658					21	5D.4.\$	(5A6 2.9) (100*9) 60:10:30
L		16	58		1662					22	S.B.6.2.\$	
L		16	62		1667					23	5D.0.	2.4 (100\$) (4D0) 70:10:20
L		16	67		1675					24	4A.1.	(4C5 2.3)
L		16	75		1676					25	5D.4.*	
L		16	76		1683					26	4E.4.8	2.6? 2.#
L		16	83		1695					27	4A.1.	→ 4C5 (5D4*)
L		16	95		1707					28	4K.0.	INTRUSIVE MASS??
L		17	07		1726					29	S.B.6.2	2\$ → 5A6 2.\$
L		17	26		1751					30	S.B.6.*	2.2
L		17	51		1767					31	4E.0.	BX
L		17	67		1825					32	S.B.6.2.\$	(5D4*)
L		18	25		1917					33	3G.4.	2\$ (5D4*) (4L0)
L		19	17		1924					34	3E.9.	2.3 (4L0)
L		19	24		1981					35	5D.4.*	[4L0]

Shift the series over 1 space to right

DDH FAGAL 10
 2 8
 meters

Cyprus Anvil Mining Corp.

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Structural Log

Date: _____ Logged By: _____

Code	From		To		Feature	S ₀ Dip Direct.	S ₁ Dip Direct.		S ₂ Dip Direct.		Description	
	10	14	16	20			26	28	32	34		38
F		413		415	R							
F		568		578	IXD							
F		597		603	D							
F				613	R1P							
F		608		632	1P							
F		632		647	D							
F		693		695	G							
F		743		744	G							
F		791		794	GR							
F		808		828	RGX6					3P	270	
F				962	G							
F		1019		1102	RG	210	20P					
F		1159		1160	1G			99	999			
F		1226		1229	1G	99	999			3P	00P	
F		1262		1264	G							
F		1270		1273	G	20	27P			60	00P	
F		1298		1299	G							
F		1358		1359	G	45	0,0P					
F		1421		1426	RG							
F				1430	G							
F				1432	G							
F		1454		1463	P	8						
F		1488		1491	G			99	999			
F				1538	G			99	999			
F		1613		1618	G	99	999					
F		1631		1647	3B							
F		1650		1652	B							
F				1667	1G							
F		1675		1676	R							
F				1692	R							
F		1707		1749	2B							
F		1749		1751	G			99	999			
F		1751		1767	D, X, P							
F		1767		1825	SG3F							
F		1825		1917	3G, R							
F		1917		1981	53F							

Structural Log

Code	From		To		Feature	S ₀ Dip Direct.	S ₁ Dip Direct.	S ₂ Dip Direct.	Description			
	10	14	16	20						22	24	26
A		385			CS2			80				
S		466			PS2P			80	R band			
A		536			PS2P			75	R band			
S		612			PS2P			60	R band			
S		714			PS2P			65				
S		770			PS2P			65				
D		857			CS2			85				
S		932			CS2			70				
S		1006			CS2			70				
S		11074			CS2			80				
S		11145			CS2			70				
S		11230			CS2			80				
S		11303			CS2			85				
P		11370			CS2			85				
S		11436			CS2			85				
S		11530			CS2			70				
S		11585			PS2P			75				
S		11657			PS2P			65				
D		11748			CS2			80				
S		11824			PS2P			50	176.7 - 198.1 Gouge			
									EdH 1981			

DDH: FAGA110 -- 42 DEGREE PROFILE

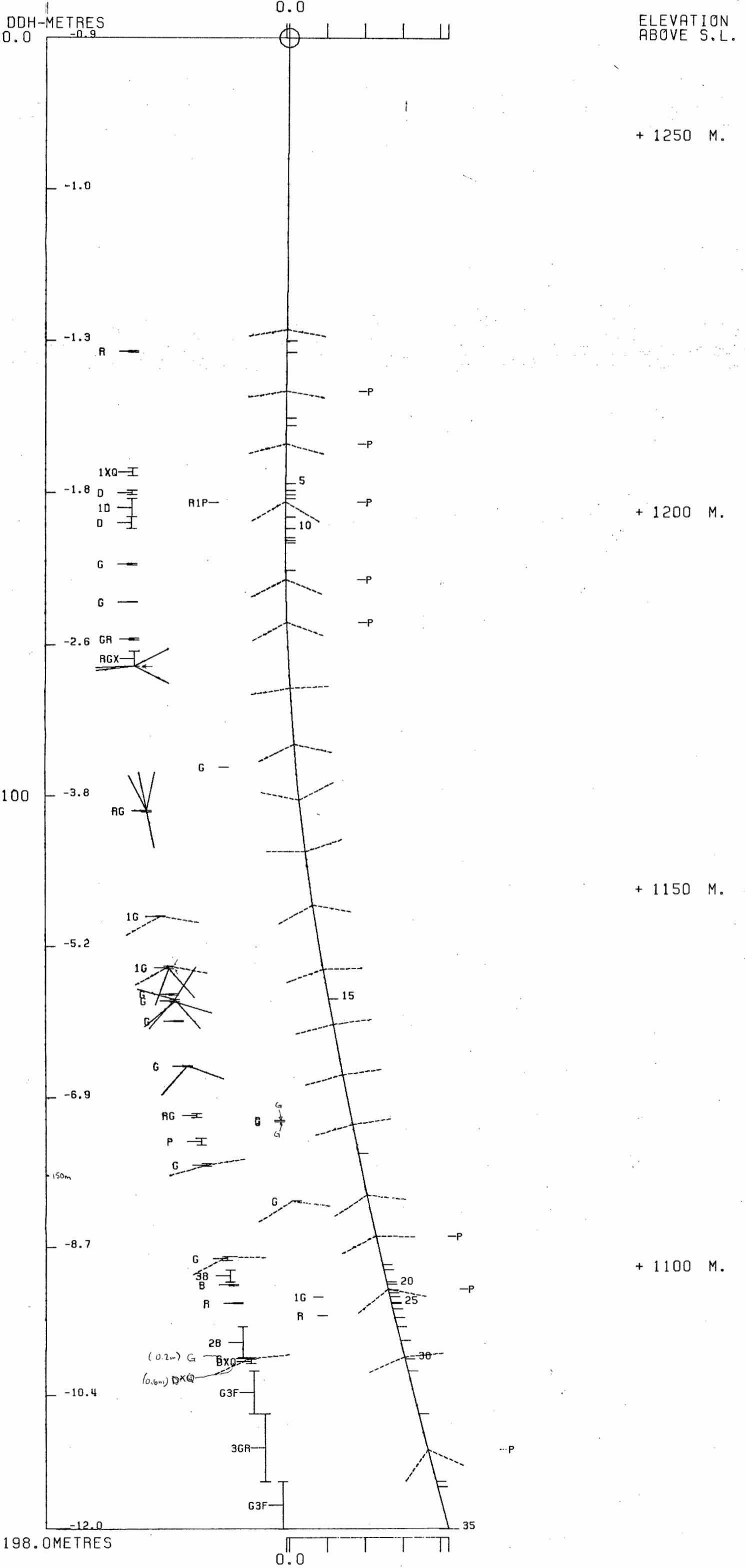
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1263 592493E ; 904571N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

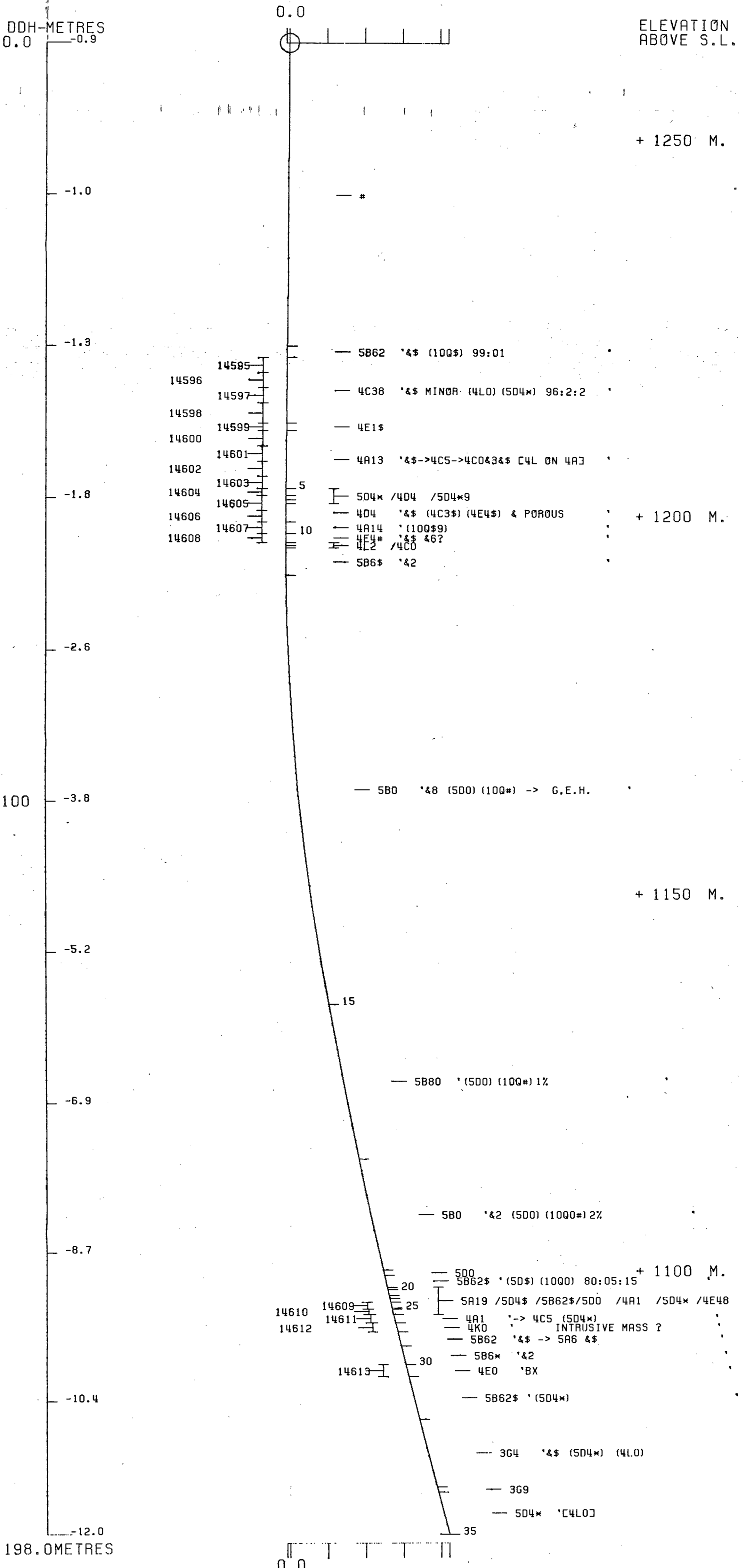
CORRECTED COLLAR POSITION: X = 313.6 Z = 1262.6

SECTION NAME: 60W



DDH: FAGA110 -- 42 DEGREE PROFILE (VIEW AZIMUTH = 312 DEGREES)

ELEV: 1263 592493E ; 904571N
 PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0
 CORRECTED COLLAR POSITION: X = 313.6 Z = 1262.6
 SECTION NAME: 60W



EAGH 114

DRILL HOLE : FAGA114
NORTHING : 904,469.8
EASTING : 592,423.4
ELEVATION : 1,259.2
TOTAL DEPTH : 221.6
SECTION : W 60
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS ORE-SAMPLES: 27
NOS DOWN-H-SURVEYS: 5
NOS DOWN-H-LITHOLOGY: 53
NOS DOWN-H-STRUCTURE: 33
NOS DOWN-H-FAULTS: 35
NOS DOWN-H-SPLINES: 5
NOS COMPOSITES: 0

20MAR84 GRUM

COWN-HOLE SURVEYS (DH020)

PAGE: 27

DDH: FAGA114 UTM-N: 904,469.9 UTM-E: 592,423.4 UTM-ELEV: 1,259.2 TOTAL DEPTH: 221.6 SECTION: W 60
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 OHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
61.000	180.000	0.000
109.700	175.000	55.500
170.700	173.000	40.500
219.500	170.000	14.000

DDH: FAGA114 UTM-N: 904,469.8 UTM-E: 592,423.4 UTM-ELEV: 1,259.2 TOTAL DEPTH: 221.6 SECTION: W 60
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	INC
9.1	0001	#		0.5-	1
17.9	0002	3G9	8\$	0.5-	1
45.7	0003	5B20	8\$ (5E2)	0.5-	1
55.1	0004	5B62\$	(5A6\$)	0.5-	1
64.3	0005	5B62	8\$	0.5-	1
81.8	0006	5B62\$	8C (5A6\$)(10Q#)	0.5-	1
83.5	0007	5B20		0.5-	1
84.4	0008	5B62\$		0.5-	1
85.8	0009	5A0		0.5-	1
87.5	0010	5A6		0.5-	1
88.3	0011	5C4\$		0.5-	1
89.0	0012	5B62	(10Q#\$) 80:20	0.5-	1
89.4	0013	5D4\$		0.5-	1
93.3	0014	3G0	89 (10Q\$)	0.5-	1
94.8	0015	4C3\$	-> 4K0	0.5-	1
96.6	0016	4C3\$	88	0.5-	1
96.8	0017	5B29	8\$	0.5-	1
97.8	0018	4C3\$	88	0.5-	1
98.7	0019	5A6	8\$ -> 5B26 8\$	0.5-	1
108.5	0020	4C3\$	88->4E\$88->4K0&8(5D4*)	0.5-	1
112.5	0021	5B6\$	82 (5B6\$)	0.5-	1
115.4	0022	4C77	8\$ 89 (4L72)	0.5-	1
116.2	0023	4L27		0.5-	1
117.5	0024	4C77	8* 89 (4L72) 50:50	0.5-	1
117.8	0025	4L2	87	0.5-	1
120.5	0026	4C797	(4L2 87 89)98:02	0.5-	1
121.0	0027	4L\$2		0.5-	1
124.6	0028	4C77	89	0.5-	1
127.0	0029	4L\$	82 87	0.5-	1
128.8	0030	4C77\$	89 (4L12)(10Q\$)	0.5-	1
132.3	0031	4E0	88 81 89 (4C0 88 89)	0.5-	1
135.2	0032	4D*	83 88 89 (5C\$) 99:01	0.5-	1
136.1	0033	4E46	-> 4G	0.5-	1
136.3	0034	5D\$		0.5-	1
137.2	0035	4E4	81 88 (5D\$) 75:25	0.5-	1
137.9	0036	4C0	87 "W.R.?"	0.5-	1
138.7	0037	3G83	89 81 86	0.5-	1
139.3	0038	4L20	->(4C0) 50:50	0.5-	1
139.8	0039	4C\$	-> 4K0 (5D4*)	0.5-	1
140.2	0040	4G4	8\$	0.5-	1
140.4	0041	5C\$		0.5-	1
141.9	0042	4E4	8\$ 88	0.5-	1
146.2	0043	4A31	84 (4D45)	0.5-	1
146.5	0044	4E4\$	PCROUS (4L20) 50:50	0.5-	1
149.8	0045	4C8\$	89 (5D4*) LIKE ABOVE 4C8	0.5-	1
169.7	0046	5B62	(10Q0 8\$) 97:03	0.5-	1
189.2	0047	5A6*	8C->5B62* 80(10Q08*)1%(5D0)5%	0.5-	1
210.4	0048	5B26	[3G9]	0.5-	1
210.4	0049	5D6	(10Q0)	0.5-	1
213.1	0050	5A6		0.5-	1
214.1	0051	5A6	GOUGE	0.5-	1

CDH: FAGA114 UTM-N: 904,469.8 UTM-E: 592,423.4 UTM-ELEV: 1,259.2 TOTAL DEPTH: 221.6 SECTION: W 60
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	INC
217.3	OC52	5A6		0.5-	1
221.6	OC53	5B62	(5A6)	0.5-	1

DDH: FAGA114 UTM-N: 904,469.8 UTM-E: 592,423.4 UTM-ELEV: 1,259.2 TOTAL DEPTH: 221.6 SECTION: W 60
 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
FAGA114	0.0	12.0	CS2		0	0	0	C	70	230	G		1	1	1
FAGA114	0.0	24.0	CS2		0	0	0	C	70	230	G		1	1	1
FAGA114	0.0	33.8	CS2		0	0	0	C	40	230	G		1	1	1
FAGA114	0.0	42.2	CS2		0	0	0	C	60	230	G		1	1	1
FAGA114	0.0	55.5	CS2		0	0	0	C	70	230	G		1	1	1
FAGA114	0.0	56.4	CS2		0	0	60	C	50	230	C		1	1	1
FAGA114	0.0	67.5	CS2		0	0	0	C	80	230	C		1	1	1
FAGA114	0.0	74.6	CS2		0	0	0	C	70	230	G		1	1	1
FAGA114	0.0	82.0	CS2		0	0	0	C	70	230	G		1	1	1
FAGA114	0.0	93.0	PS2	P	0	0	0	C	70	230	G		1	1	1
FAGA114	0.0	98.1	PS2	P	0	0	0	C	70	230	C		1	1	1
FAGA114	0.0	104.2	PS2	P	0	0	0	C	55	230	G		1	1	1
FAGA114	0.0	107.3	PS2	P	0	0	0	C	80	230	C		1	1	1
FAGA114	0.0	111.0	PS2	P	0	0	0	C	80	230	C		1	1	1
FAGA114	0.0	115.4	PS2	P	0	0	0	C	70	230	G		1	1	1
FAGA114	0.0	120.0	PS2	P	0	0	0	C	80	230	G		1	1	1
FAGA114	0.0	127.0	PS2	P	0	0	0	C	75	230	C		1	1	1
FAGA114	0.0	134.5	PS2	P	0	0	0	C	80	230	C		1	1	1
FAGA114	0.0	138.5	PS2	P	0	0	0	C	75	230	C		1	1	1
FAGA114	0.0	141.5	PS1	P	0	0	50	230	0	C	G		1	1	1
FAGA114	0.0	142.5	CS2		0	0	0	C	80	230	G		1	1	1
FAGA114	0.0	151.4	PS2	P	0	0	0	C	80	230	G		1	1	1
FAGA114	0.0	156.0	PS2	P	0	0	0	C	75	230	C		1	1	1
FAGA114	0.0	163.3	PS2	P	0	0	0	C	80	230	G		1	1	1
FAGA114	0.0	171.2	PS2	P	0	0	0	C	70	230	G		1	1	1
FAGA114	0.0	179.6	PS2	P	0	0	0	C	70	230	G		1	1	1
FAGA114	0.0	185.4	PS2	P	0	0	0	C	80	230	G		1	1	1
FAGA114	0.0	189.5	PS2	P	0	0	0	C	0	0	G		1	1	1
FAGA114	0.0	189.5	PS2	P	0	0	0	C	70	230	G		1	1	1
FAGA114	0.0	196.7	PS2	P	0	0	0	C	80	230	G		1	1	1
FAGA114	0.0	206.1	PS2	P	0	0	0	C	70	230	G		1	1	1
FAGA114	0.0	210.0	PS2	P	0	0	0	C	70	230	G		1	1	1
FAGA114	0.0	218.3	PS2	P	0	0	0	C	70	230	G		1	1	1

DDH: FAGA114 UTM-N: 904,469.8 UTM-E: 592,423.4 UTM-ELEV: 1,259.2 TOTAL DEPTH: 221.6 SECTION: W 60
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	REC	CD	PARLL	UPPER PLANE	INTERNAL PLANE	LOWER PLANE	DHD			
FAGA114	0.0	9.8	1G				0	0	99	999	0	0	1
FAGA114	9.8	10.7	B	3			0	0	C	C	0	0	1
FAGA114	12.8	14.3	PF?	2			0	0	C	C	0	0	1
FAGA114	15.8	17.1	PF?	3			0	0	C	C	0	0	1
FAGA114	27.4	28.3	P	4			0	0	C	C	0	0	1
FAGA114	29.6	32.6	P	4			0	0	C	C	0	0	1
FAGA114	34.1	37.2	P1R	3			0	0	C	C	0	0	1
FAGA114	37.2	40.2	GRF	2			0	0	G	G	0	0	1
FAGA114	49.5	50.0	FP?				0	0	C	G	0	0	1
FAGA114	45.7	55.1	BP	5			0	0	C	C	0	0	1
FAGA114	55.5	56.4	G3F				0	0	C	C	0	0	1
FAGA114	57.1	57.3	G				99	999	C	C	0	0	1
FAGA114	57.3	59.7	1GB				0	0	G	C	0	0	1
FAGA114	55.1	64.3	BP	6			0	0	C	C	0	0	1
FAGA114	72.2	73.8	P	3			0	0	C	C	0	0	1
FAGA114	75.0	76.0	1GP	7			0	0	C	C	0	0	1
FAGA114	0.0	79.7	G				0	0	99	999	0	0	1
FAGA114	81.8	83.5	B				0	0	G	C	0	0	1
FAGA114	83.5	84.4	BP	8			0	0	G	C	0	0	1
FAGA114	84.4	85.8	G3F				0	0	C	C	0	0	1
FAGA114	88.3	89.0	BG	5			0	0	C	C	0	0	1
FAGA114	89.4	91.8	B				0	0	G	C	0	0	1
FAGA114	0.0	93.3	G				0	0	50	C	0	0	1
FAGA114	93.3	96.6	D				0	0	C	C	0	0	1
FAGA114	115.4	116.2	B				0	0	0	G	0	0	1
FAGA114	116.2	117.5	1D				0	0	0	C	0	0	1
FAGA114	121.0	124.6	D				0	0	0	C	0	0	1
FAGA114	127.1	127.6	XQ				0	0	0	C	0	0	1
FAGA114	132.3	135.2	D				0	0	0	C	0	0	1
FAGA114	143.9	145.4	M	0			0	0	0	C	0	0	1
FAGA114	0.0	181.3	G				0	0	99	999	0	0	1
FAGA114	0.0	193.2	G				0	0	45	C	0	0	1
FAGA114	210.9	213.1	XQG				0	0	C	C	0	0	1
FAGA114	213.1	214.1	G				0	0	C	C	75	300	1
FAGA114	217.3	219.0	GBP	3			0	0	C	C	0	0	1

ZOMAR84 GRUM

DOWN-HOLE SPLINES (DHD20)

PAGE: 32

DDH: FAGA114 UTM-N: 904,469.8 UTM-E: 592,423.4 UTM-ELEV: 1,259.2 TOTAL DEPTH: 221.6 SECTION: W 60
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH SEGMENT NOS COND INDICATOR

FAGA114	1	2
FAGA114	2	2
FAGA114	3	2
FAGA114	4	2
FAGA114	5	1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: FAGA 114

Reference Fabric Orientation Diagram: _____

Project: GRUM

Location: 60W.

Claim: _____

Terr. Plane Co-ords.: 904469.8 N

592423.4 E

Grid Co-ords: _____

All symmetry determinations looking

Elevation: 1259.2

_____ with _____ dipping

Total Depth: 221.6

_____ with dip azimuth _____.

Purpose: _____

Reason hole Terminated: _____

Logged by: _____ Date(s) Logged: _____

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

Hole Cemented: _____

Steel down hole: _____

Started: _____ Completed: _____

979 HSW
Orthophoto Survey

Lithologic Log

Date: 24 AUG Logged By: JGS / DSJ

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	100	191		101	10B10	
L	191	179		102	13G9	+ * Dol. - more carb @ 17.1 - 17.9. Bkn core 9.8-10.7 .3 REC., 12.8-14.3 .1 m REC, 15.8 - 17.1 = .1 REC, 17.1 - 18.0 = .7 m REC (12.8 - 17.1 POSS FAULT NO GAUGE) S ₂ // 1cm GAUGE 9.8 OQ * Dol.
L	179	457		103	15B20	* Dol. GR. Black 2 CARBINATES (SE2) @ 20.1-21.9 POOR REC. 27.4 - 28.3 = .5 m REC, 29.6 - 31.1 = .6 m REC, 31.1 - 32.6 = .7 m Loss 31.6 to 32.6, 34.1 - 35.7 = .5 m RUBBER at end unit, 35.7 - 37.2 = .6 REC. 37.2 - 38.7 = .2 m G.F. / 38.7 - 40.2 = .3 m Rubb Some F. SUMM 27.4 - 40.2 6m REC. 41.0 = .5 m G L ₂ UP Cont // S ₂
L	457	551		104	15B62	* Dol (SAG*) ^{at 49.4-50.5} Bkn. POOR REC. 41.5 m REC TOTAL. 47.9 - 52.4 = 1.5 m ONLY POSS FAULT 49.5 - 50.0 F.
L	551	643		105	15B62	* Bkn Core 5.5 m REC TOTAL no gauge 55.5 - 56.4 ? F.MAT., 57.1 - 57.3 G. up // S ₂ 1.c. INA., 57.3 - 59.7 inclp. S ₂ // gauge 15kn, 62.8 - 64.3 = .4 m.
L	643	818		106	15B62	* Dol ± O (SAG * dol) ^{74-76 m} _{802-81.1 m} (OQ * calc) 5B62 to 5A mixed mod Bkn. REC 65.8 - 66.1 = .3 m REC no G, 72.2 - 73.8 = .5 m REC, 75.0 - 76.0 = .7 m REC 3 cm G. at 81.1 mid cont, 1cm S ₂ // 79.7 G.
L	818	835		107	15B20	Bkn rears REC. neg G.
L	835	844		108	15B62	* Dol Bkn. .7 REC local G.
L	844	858		109	15A10	GAUGE UP/LOW CONT INT F. MAT.
L	858	875		110	15A61	
L	875	883		111	15C4*	DOL. + CARB non Fusch.
L	883	890		112	15B62	(OQ*) ^{calc x dot} 80/20 % Bkn G mid .4 m REC
L	890	894		113	15D4*	DOL non min Bkn.
L	894	933		114	13G01	+ - O (OQ + Dol) Bkn to 91.8 REC OK.

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	19133	19148		115	14C31*	DOL [4K07] ^{in top 1m OT} 4C3* Prof bedded, duct flow. 4K from *more CO ₂ -rich UC* breccia U/c 3cm/5/50/000
L	19153	19166		116	14C31*	± 8. as above less carb/less flow Bx locat.
L	19166	19168		117	5B219	± * DOL. Py. in gtz carb bands S ₂ S ₁ not SA19
L	19168	19178		118	14C31*	± 8 as above REC OK.
L	19178	19187		119	5A161	± * → SB26 ± * REC OK.
L	19187	11085		120	14C31*	DOL ± 8 → 4E* ± 8 local → 4K0 ± 8 loc. (SD4*) Dom 4C3* local 1-.3m massive Py 4E or 4K bands. / = Tuff's bb Exhalite 5/95% REC OK.
L	11085	11125		121	5B6X	dol ± 2 (5B6* DOL) - last 1/3 unit, intact
L	11125	11154		122	14C71	± * DOL ± 9 lt med/fg gtz. Pyrrh. dominant total sulph 40% + Chalco ventlet x cut band. (4L72 band 113.4 - 113.7)
L	11154	11162		123	4L217	(0Q*) dol Bkn.
L	11162	11175		124	14C71	± * ± 9 (4L72) 50/50 .2m inter band. min (0Q* DOL) pyrrh. fl Bx.
L	11175	11178		125	4L21	± 7 REC OK.
L	11178	11205		126	14C719	(4L2 ± 7) 98/2% 1/2 unit 50% sulph Pyrrh >> Py in 5cm to .2m bands S ₂ . alt 5cm - .1m 4L0 bands
L	11205	11210		127	4L512	Dol S ₂ liths Var. Fm? REC OK.
L	11210	11246		128	14C71	± 9* 60% sulph Pyrrh > Py mic Bx. REC OK. (SEQUENCE 4C STRINGER Z. S ₂ = NR 4C NORMAL)
L	11246	11270		129	4L51	± 2 ± 7 Dol = S ₁ lith. GREEN/YELL pyrrh veins x cut S ₂ 125.5 125.8.
L	11270	11288		130	14C71*	± 9 as above. 60% Pyrrh > Py chalco min blebs ventlet's x cut. (4L12) 127.1 - 127.6 cut by (0Q* DOL Bx) ← what the Rock?
L	11288	11323		131	14E01	± 8/1/9 (4C0 ± 8) ± 9. banded med gtz 1m 20%
L	11323	11352		132	14D1*	± 389 (5C* DOL) 99/1% high grade dol gtz banded pyrrh & sphal rich bands fl. Bx.
L	11352	11361		133	4E46	(4G) at base
L	11361	11363		134	5D1*	DOL Tuff. interbed
L	11363	11372		135	4E41	± 18, (5D* DOL) 75/25% inter Tuff/4E Tuff non min shp contacts.

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	11372	11379		36	4C0	±7. Sulph > 10%, Sph > py. Poor bond. sil wallrock?
L	11379	11387		37	3G8.3	±9, 1, 6. Wkly all grn/gr calc. phyll. Pz. lens - 2 sil + Zn. wall rock alt/shered stripe.
L	11387	11393		38	4L20	→(4C0) 50/50
L	11393	11398		39	4C*	(5D4*) →4C* →4K. Cs buff dol. patch py p/ck - remob. Dz flow.
L	11398	11402		40	4G4	± *DOL well banded.
L	11402	11404		41	5C1*	DOL
L	11404	11419		42	4F4	± *DOL, 8,
L	11419	11416		43	4A3.1	± 4, Unit exhal test 1 = si + (not blk. char)
						141.9 - 142.2 (4D45) 143.9 - 145.4 M/INTEN
L	11416	11416.5		44	4F4*	DOL TOR bond. (4L20 2m lens) 1m REC -
L	11416.5	11419.8		45	4C8*	DOL ± 9 (5D4*) < 1% luffs near min S2 // contact. similar to 4C8* above.
L	11419.8	11419.7		46	5B6.2	(000*) Staged gr blk. /olin / Lt gr. Si // qty blk. 0Q0/3%, (504*) at 1521-1523 m
L	11619.7	11819.2		47	5A6*	± 0 → 5B6.2* ± 0 (000*) (500) 5% SDO 178.3 to 178.6., 0Q0* 153.5-153.7. Unit. blk-dk gr. S2 // stripe more graph → base. G/S2 // 1cm 181.3 m.
L	11819.2	2104		48	5B2.6	[3G9] less graph → base 206 to 210.4, SD REC OK.
L	2104	2110.9		49	5D6	(000) Gauge 193.2 = 3cm u/c int 1/c 45/000
L	2110.9	2113.1		50	5A6	Qty Calc crkl. vein Bx, G; u/c 5cm // S2
L	2113.1	2114.1		51	5A6	Gauge u/c ind. // S2 214 - 214.1 F 60/120 u/
L	2114.1	2117.3		52	5A6	F. 214.1 75/350 L/c
L	2117.3	2216		53	5B6.2	(5A6) Bkn. G/FAULT 217.3 - 219.0 = 5m k u/c // S2 LC ind.
						END of HOLE.

DDH FAGA 114
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Cyprus Anvil Mining Corp.

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Lithologic Log

Date: _____ Logged By: _____

Code	From				To				Recov.	No.	Unit	Description
	10	14	16	20	22	24	26	28				
L		00		17		18		19	05		#	
L		91		17		17		17		2	3G9	R\$
L		17	9	4	5	7				3	SB20	R\$ (SE2)
L		4	5	7		5				4	SB62	\$ (SAB\$)
L		5	5	1		6				5	SB62	R\$
L		6	4	3		8				6	SB62	\$ 20 (SAB\$) (100#)
L		8	1	8		8				7	SB20	
L		8	3	5		8				8	SB62	\$
L		8	4	4		8				9	SA0	
L		8	5	8		8				10	SA6	
L		8	7	5		8				11	SC4	\$
L		8	8	3		8				12	SB62	(100#) 80:20
L		8	9	0		8				13	SD4	\$
L		8	9	4		9				14	3G0	R\$ (100\$)
L		9	3	3		9				15	HC3	\$ → 4K0
L		9	4	8		9				16	HC3	\$ R8
L		9	6	6		9				17	SB29	R\$
L		9	6	8		9				18	HC3	\$ R8
L		9	7	8		9				19	SA6	R\$ → SB26R\$
L		9	8	7		1	0	8		20	4C3	\$ R8 → 4E\$ R8 → 4K0 R8 (SD4*)
L		1	0	8	5					21	SB6	\$ R2 (SB6\$)
L		1	1	2	5					22	4C7	R\$ R9 (4L72)
L		1	1	5	4					23	4L2	7
L		1	1	6	2					24	4C7	R\$ R9 (4L72) 50:50
L		1	1	7	5					25	4L2	R7
L		1	1	7	8					26	4C7	7 (4L2 R7 R9) 98:02
L		1	2	0	5					27	4L	\$ 2
L		1	2	1	0					28	4C7	R\$ R9
L		1	2	4	6					29	4L	\$ 2 R7
L		1	2	7	0					30	4C7	\$ R9 (4L2) (100\$)
L		1	2	8	8					31	4E0	R8 R1 R9 (4C0 R8 R9)
L		1	3	2	3					32	4D*	R3 R8 R9 (SC\$) 99:01
L		1	3	5	2					33	4E4	6 → 4G
L		1	3	6	1					34	SA	\$
L		1	3	6	3					35	4E4	R1 R8 (SD\$) 75:25
L		1	3	7	2					36	4C0	R7 "w.r.?"

DDH FAGA114
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Cyprus Anvil Mining Corp.

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Structural Log

Date: _____ Logged By: _____

Code	From		To		Feature	SYM	S ₀		S ₁		S ₂		Description
	10	14	16	20			22	24	26	28	32	34	
F		98		107	B	3							
F		128		143	PE?	2							
F		158		171	DFP	3							
F				178	1G				99	999			
F		274		283	A	4							
F		296		326	A	4							
F		341		372	P1R	3							
F		372		402	G,RF	2							
F				410	G				99	999			
F		457		55	1B,P	5							
F		495		500	FP?								
F		551		643	B,P	6							
F		555		564	G3F								
F		571		573	G		99	999					
F		573		597	1GB								
F		722		738	P	3							
F		750		760	1GP	7							
F				797	G				99	999			
F		818		835	S,B								
F		835		844	B,P	8							
F		844		858	G3F								
F		883		890	B,G	5							
F		894		918	B								
F				933	G				50	000			
F		933		966	D								
F		1154		1162	B								
F		1162		1175	1D								
F		1210		1246	D								
F		1271		1276	X,D								
F		1323		1352	D								
F		1439		1454	M	0							
F				1813	G				99	999			
F				1932	G				45	000			
F		2109		2131	X,D,G								
F		2131		2141	G						75	300	
F		2173		2190	G,B,P	3							

Structural Log

Code	From		To		Feature	S.E.	S ₀		S ₁		S ₂		Description
	10	14	16	20			Dip	Direct.	Dip	Direct.	Dip	Direct.	
S	10	14	16	20	CIS12						710	2310	
S				22	CIS12						710		
S				33	CIS12						410		
S				42	CIS12						610		
S				55	CIS12						710		
S				56	CIS12	610					510		50 dip direction as S ₂ .
S				67	CIS12						810		
S				74	CIS12						710		
S				82	CIS12						710		
S				93	PS12 P						710		
S				98	PS12 P						710		
S				104	PS12 P						515		R band
S				107	PS12 P						810		
S				111	PS12 P						810		
S				115	PS12 P						710		
S				120	PS12 P						810		
S				127	PS12 P						715		
S				134	PS12 P						810		R BAND
S				138	PS12 P						715		
S				141	PS11 P	510							R BAND
S				142	CIS12						810		
S				151	PS12 P						810		
S				156	PS12 P						715		
S				163	PS12 P						810		
S				171	PS12 P						710		
S				179	PS12 P						710		
S				185	PS12 P						810		
S				189	PS12 P						710		
S				196	PS12 P						810		
S				206	PS12 P						710		
S				211	PS12 P						710		
S				218	PS12 P						710		E0H 221.6
S													

CODE	FROM		TO		SAMPLE	INTR.		REC (m)		UNIT	DESCRIPTION	
	10	14	16	20		22	26	28	30			32
P	1913	3	1914	8	144459	11	5	11	5	14C31*		
P	1914	8	1916	3	144460	11	5	11	5	14C31*		
P	1916	3	1917	8	144461	11	5	11	5	14C31*	(5329)	
P	1918	7	11010	7	144462	12	0	12	0	14C31*		
P	11010	7	11012	7	144463	12	0	12	0	14C31*		
P	11012	7	11014	7	144464	12	0	12	0	14C31*		
P	11014	7	11016	7	144465	12	0	12	0	14C31*		
P	11016	7	11018	5	144466	11	8	11	6	14C31*		
P	1112	5	11114	0	144467	11	5	11	5	14C71		
P	11114	0	11115	4	144468	11	4	11	2	14C71		
P	11115	4	11116	2	144469	10	8	10	8	14L27		
P	11116	2	11117	8	144470	11	6	12	5	14C71	(422) last 0.3 m.	
P	11117	8	11120	5	144471	12	7	12	5	14C71		
P	11120	5	11122	5	144472	12	0	12	0	14C71	(4252) 1st .5 m.	
P	11122	5	11124	6	144473	12	1	12	1	14C71		
P	11127	0	11128	8	144474	11	8	11	8	14C71		
P	11128	8	11130	6	144475	11	8	11	8	14E01		
P	11130	6	11132	3	144476	11	7	11	6	14E01		
P	11132	3	11133	7	144477	11	4	11	4	14A*		
P	11133	7	11135	2	144478	11	5	11	4	14A*		
P	11135	2	11137	2	144479	12	0	12	0	14E416	(50*) 3 m.	
P	11137	2	11139	8	144480	12	6	12	6	14C1*	(420)(3683) 1/3 EACH	
P	11139	8	11141	9	144481	12	1	11	8	14G141	(4E4) 50/50 .2 5C*	
P	11141	9	11144	0	144482	12	1	12	0	14A1311		
P	11144	0	11146	4	144483	12	4	12	1	14A1311		
P	11146	4	11148	0	144484	11	6	11	6	14C81*	(4E4) 1st .3 m	
P	11148	0	11149	8	144485	11	8	11	6	14C181*		
											E/O/S	

DDH: FAGA114 -- 42 DEGREE PROFILE

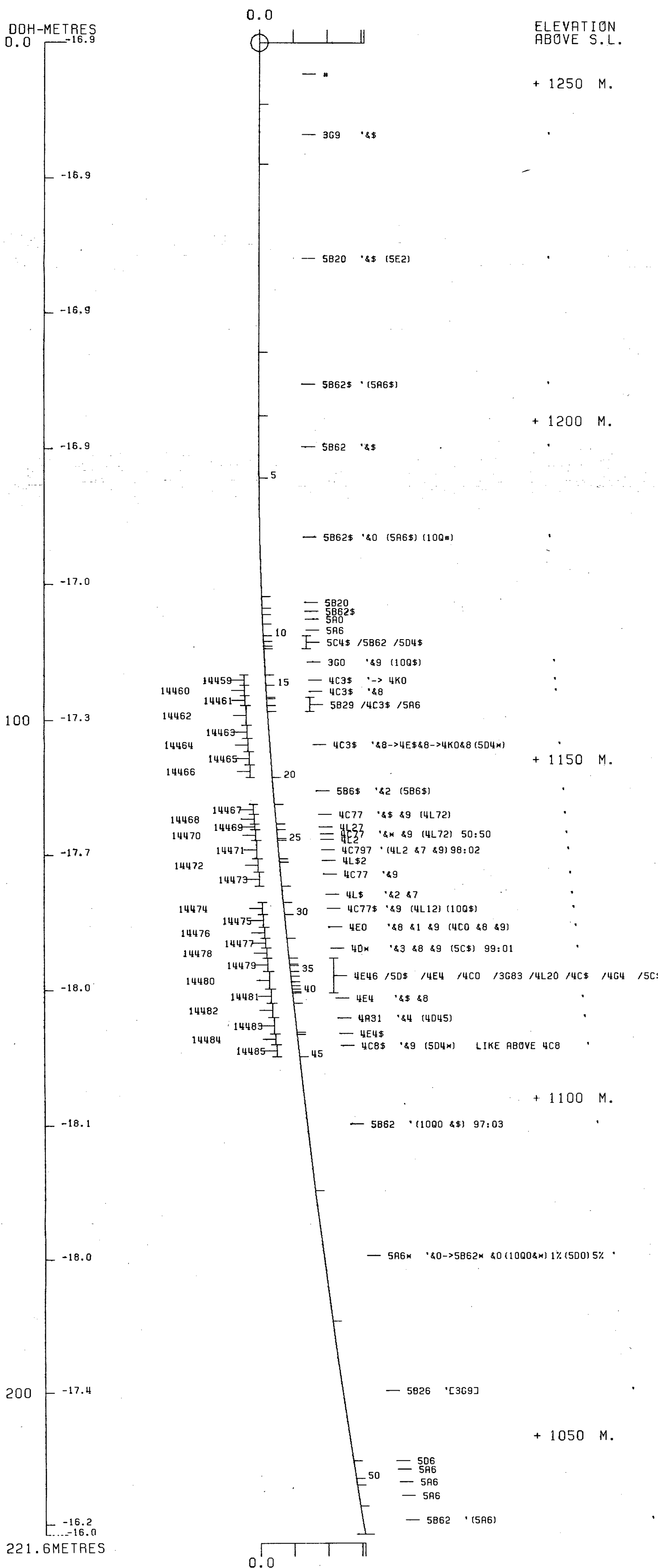
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1259 592423E ; 904470N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 191.8 Z = 1255.9

SECTION NAME: 60W



DDH: FAGA114 -- 42 DEGREE PROFILE

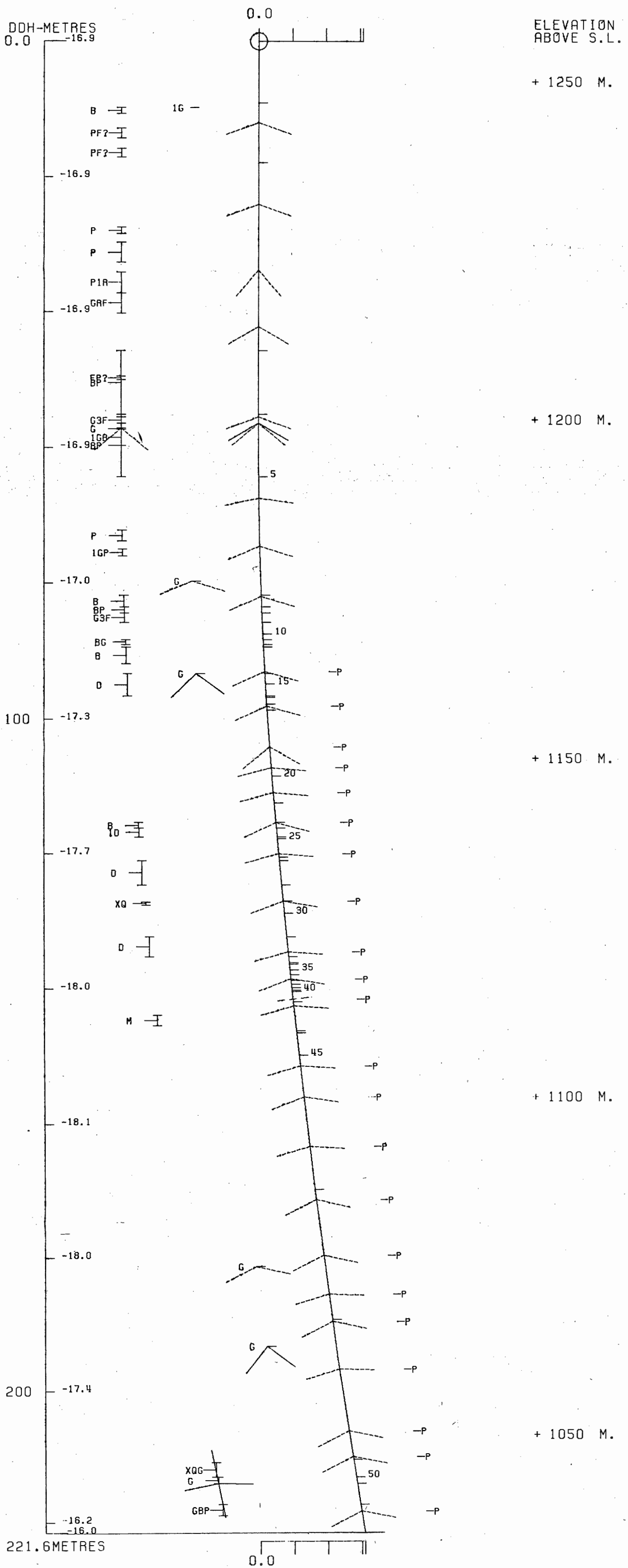
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1259 592423E ; 904470N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 191.8 Z = 1255.9

SECTION NAME: 60W



FA 64 119

DCH	SAMPLE	---DEPTHS---		INT M	REC %	ROCK UNIT	S.G.	CU %	PB %	ZN %	AG G/MT	AU G/MT	PO %	PY %	BAC %	PB+ZN %	PC+PY %	ZN RATIO	
		FROM	TO																
FAGA119	12401	49.0	50.2	1.2	92	4GE		.03	2.34	6.50	44.0							8.84	.74
	12402	50.2	51.5	1.3	100	4GE		.01	2.25	6.30	43.0							8.55	.74
	12403	51.5	52.8	1.3	92	4GE		.01	2.09	5.70	37.0							7.79	.73
	12404	115.2	116.1	.9	67	4E0		.29	1.25	1.64	25.0							2.89	.57

DDH	SAMPLE	ROCK UNIT	NORMATIVE MINERALS - WEIGHT %							NORMATIVE MINERALS - VOLUME %						
			CPY	GA	SP	PO	PY	BAR	OTHER	CPY	GA	SP	PO	PY	BAR	OTHER
FAGA119	12401	4GE	.09	2.70	9.69				87.52	*						
	12402	4GE	.03	2.60	9.39				87.98	*						
	12403	4GE	.03	2.41	8.50				89.06	*						
	12404	4ED	.84	1.44	2.44				95.27	*						

DRILL HOLE : FAGA119
NORTHING : 904,659.6
EASTING : 592,573.5
ELEVATION : 1,273.6
TOTAL DEPTH : 172.8
SECTION : W 60
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS GRE-SAMPLES: 4
NOS DOWN-H-SURVEYS: 4
NOS DOWN-H-LITHOLOGY: 33
NOS DOWN-H-STRUCTURE: 47
NOS DOWN-H-FAULTS: 39
NOS DOWN-H-SPLINES: 4
NOS COMPOSITES: 0

ZUMAR84 GRUM

DOWN-HOLE SURVEYS (DPQ2C)

PAGE: 35

CDH: FAGA119 UTM-N: 904,659.6 UTM-E: 592,573.5 UTM-ELEV: 1,273.6 TOTAL DEPTH: 172.8 SECTION: W 60
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHO CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
61.000	174.500	72.000
115.800	167.700	63.000
158.500	164.500	63.000

DDH: FAGA119 UTM-N: 904,659.6 UTM-E: 592,573.5 UTM-ELEV: 1,273.6 TOTAL DEPTH: 172.8 SECTION: W 60
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
49.0	OC01	#		0.5-	1
49.1	OC02	4E0		0.5-	1
52.8	OC03	4G0	8* (4G4)(4E0)	0.5-	1
56.0	OC04	4L0	81	0.5-	1
56.8	OC05	4L3	(4H0)(4E0) 75:20:05	0.5-	1
57.2	OC06	5B64		0.5-	1
59.7	OC07	5A6	-> 5B62 (5B6 84)	0.5-	1
62.3	OC08	5A6	(5B6)	0.5-	1
64.6	OC09	5B6	(5A6 -> 5B62)	0.5-	1
67.0	OC10	5B62	(5B6)	0.5-	1
68.8	OC11	5A6	-> 5B62 (5B64)	0.5-	1
73.3	OC12	5B62	80 MINOR	0.5-	1
75.9	OC13	5A3		0.5-	1
81.0	OC14	5B6	(5B20)	0.5-	1
86.9	OC15	5B6	80 MINOR (5B62)	0.5-	1
88.0	OC16	5B0	(5A0)	0.5-	1
90.8	OC17	5A0	(5B0)	0.5-	1
93.6	OC18	5B6	80 81 (5A6 80)	0.5-	1
96.6	OC19	5B61		0.5-	1
102.5	OC20	5A6	(5B6) MINOR	0.5-	1
108.8	OC21	5B6	82 (5B64)	0.5-	1
115.2	OC22	5B6	(5A6 -> 5B62)	0.5-	1
116.1	OC23	4E0		0.5-	1
116.5	OC24	5A*	(4A*) LOGGED AS 5A4*(4A5*)	0.5-	1
117.4	OC25	5B624		0.5-	1
125.3	OC26	5B6	(5B62) 60:40 (4L0)MINOR	0.5-	1
133.0	OC27	5A6	(5B6)	0.5-	1
138.9	OC28	4L72	84 (4L6) BIO	0.5-	1
142.6	OC29	5B64	(4L0)(4H0)	0.5-	1
144.8	OC30	4L3		0.5-	1
160.8	OC31	5A3		0.5-	1
167.7	OC32	5A6	81 89 MINOR	0.5-	1
172.8	OC33	5A68?	[3G0]	0.5-	1

DDH: FAGA119 UTM-N: 904,659.6 UTM-E: 592,573.5 UTM-ELEV: 1,273.6 TOTAL DEPTH: 172.8 SECTION: W 60
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	SC	ANGLE	DIRECT	S1	ANGLE	DIRECT	S2	ANGLE	DIRECT	RFE	CDE	DHDC	SDC	PROCESS
FAGA119	0.0	49.2	PS2	P		0	0	0	C		45	230	0			1	1	1
FAGA119	0.0	54.5	PS2	P		0	0	0	C		60	230	C			1	1	1
FAGA119	0.0	59.9	CS2	3		0	0	0	C		40	230	C			1	1	1
FAGA119	0.0	63.5	CS2	Z		0	0	0	G		60	230	C			1	1	1
FAGA119	0.0	66.0	PS2	P		0	0	0	G		60	230	C			1	1	1
FAGA119	0.0	69.4	CS2	S		0	0	0	G		65	230	C			1	1	1
FAGA119	0.0	70.5	CS2	Z		0	0	0	C		45	230	C			1	1	1
FAGA119	0.0	72.6	CS2	3		0	0	0	C		55	230	C			1	1	1
FAGA119	0.0	73.5	CS2	S		0	0	0	C		70	230	C			1	1	1
FAGA119	0.0	77.2	CS2	S		0	0	0	G		80	230	C			1	1	1
FAGA119	0.0	79.3	CS2	M		0	0	0	C		75	230	C			1	1	1
FAGA119	0.0	80.2	CS2	S		0	0	0	G		80	230	C			1	1	1
FAGA119	0.0	80.4	CS2	M		0	0	0	C		80	230	C			1	1	1
FAGA119	0.0	82.4	CS2	M		0	0	0	G		75	230	C			1	1	1
FAGA119	0.0	85.8	CS2	Z		0	0	0	C		70	230	C			1	1	1
FAGA119	0.0	86.2	CS2	3		0	0	0	G		70	230	C			1	1	1
FAGA119	0.0	88.2	CS2	S		0	0	0	C		75	230	C			1	1	1
FAGA119	0.0	92.5	CS2	S		0	0	0	C		70	230	C			1	1	1
FAGA119	0.0	94.9	PS2	P		0	0	0	C		70	230	C			1	1	1
FAGA119	0.0	96.8	CS2	S		0	0	0	C		60	230	C			1	1	1
FAGA119	0.0	99.3	CS2	M		0	0	0	C		85	230	C			1	1	1
FAGA119	0.0	100.2	CS2	Z		0	0	0	G		70	230	C			1	1	1
FAGA119	0.0	108.9	CS2	M		0	0	0	G		80	230	C			1	1	1
FAGA119	0.0	111.6	CS2	S		0	0	0	C		30	230	C			1	1	1
FAGA119	0.0	115.3	PS2	P		0	0	0	C		65	230	C			1	1	1
FAGA119	0.0	118.9	CS2			0	0	0	C		50	230	C			1	1	1
FAGA119	0.0	121.0	PS2	P		0	0	0	C		70	230	C			1	1	1
FAGA119	0.0	122.9	CS2	3		0	0	0	C		50	230	C			1	1	1
FAGA119	0.0	123.9	CS2	3		0	0	0	C		50	230	C			1	1	1
FAGA119	0.0	125.5	CS2			0	0	0	C		80	230	C			1	1	1
FAGA119	0.0	127.0	CS2	Z		0	0	0	G		75	230	C			1	1	1
FAGA119	0.0	128.3	CS2	3		0	0	0	C		70	230	C			1	1	1
FAGA119	0.0	129.2	CS2	E		0	0	0	G		70	230	C			1	1	1
FAGA119	0.0	132.1	CS2			0	0	0	C		65	230	C			1	1	1
FAGA119	0.0	132.7	CS2	Z		0	0	0	C		80	230	C			1	1	1
FAGA119	0.0	134.3	CS2	3		0	0	0	C		75	230	C			1	1	1
FAGA119	0.0	135.2	CS2	D		0	0	0	C		80	230	C			1	1	1
FAGA119	0.0	138.8	CS2	S		0	0	0	C		65	230	C			1	1	1
FAGA119	0.0	139.6	CS2	3		0	0	0	G		75	230	C			1	1	1
FAGA119	0.0	141.9	CS2	E		0	0	0	C		65	230	C			1	1	1
FAGA119	0.0	143.0	PS2	P		0	0	0	C		55	230	C			1	1	1
FAGA119	0.0	146.5	PS2	P		0	0	0	C		72	230	C			1	1	1
FAGA119	0.0	150.0	PS2	P		0	0	0	C		73	230	C			1	1	1
FAGA119	0.0	156.6	PS2	P		0	0	0	C		70	230	C			1	1	1
FAGA119	0.0	161.8	PS2	P		0	0	0	C		78	230	C			1	1	1
FAGA119	0.0	165.2	PS2	P		0	0	0	C		55	230	C			1	1	1
FAGA119	0.0	168.5	PS2	P		0	0	0	C		30	230	C			1	1	1

DDH: FAGA119 UTM-N: 904,659.6 UTM-E: 592,573.5 UTM-ELEV: 1,273.6 TOTAL DEPTH: 172.8 SECTION: W 60
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT REC CD	PARLL	UPPER PLANE	INTERNAL PLANE	LOWER PLANE	DHD
FAGA119	0.0	52.8	G		0	0	0	1
FAGA119	56.3	56.8	1G		0	0	0	1
FAGA119	56.9	57.0	R		0	0	0	1
FAGA119	57.7	58.1	1FX		0	0	0	1
FAGA119	0.0	58.5	B		0	0	0	1
FAGA119	58.8	59.7	GQ		0	0	0	1
FAGA119	60.5	61.2	GR		0	0	0	1
FAGA119	0.0	62.2	1R		0	0	0	1
FAGA119	0.0	64.6	1R		0	0	0	1
FAGA119	0.0	65.7	BR		0	0	0	1
FAGA119	75.0	75.4	B		0	0	0	1
FAGA119	75.9	76.0	G		0	0	0	1
FAGA119	0.0	76.4	1G		0	0	0	1
FAGA119	0.0	77.0	B		0	0	0	1
FAGA119	81.4	81.7	R		0	0	0	1
FAGA119	82.8	85.2	R		0	0	0	1
FAGA119	87.6	87.8	B		0	0	0	1
FAGA119	91.0	91.2	B1G		0	0	0	1
FAGA119	92.1	92.8	B		0	0	0	1
FAGA119	94.7	94.8	B		0	0	0	1
FAGA119	95.9	96.0	B		0	0	0	1
FAGA119	0.0	97.1	1XQ		0	0	0	1
FAGA119	0.0	103.8	1G		0	0	0	1
FAGA119	0.0	109.9	1G		0	0	0	1
FAGA119	112.1	115.2	B		0	0	0	1
FAGA119	116.5	118.6	RG		0	0	0	1
FAGA119	122.3	122.9	2G		0	0	0	1
FAGA119	123.1	123.7	RG		0	0	0	1
FAGA119	124.2	125.1	RG		0	0	0	1
FAGA119	126.3	126.5	B		0	0	0	1
FAGA119	0.0	126.6	1G		0	0	0	1
FAGA119	128.8	128.9	B		0	0	0	1
FAGA119	130.3	131.1	B		0	0	0	1
FAGA119	131.7	132.0	B2G		0	0	0	1
FAGA119	142.6	145.7	GF		0	0	0	1
FAGA119	147.5	148.4	BP		0	0	0	1
FAGA119	0.0	152.1	G		0	0	0	1
FAGA119	151.8	153.7	BP		0	0	0	1
FAGA119	0.0	158.1	G		0	0	0	1

20MAR84 GRUM

DOWN-HOLE SPLINES (DHO20)

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DDH: FAGA119 UTM-N: 904,659.6 UTM-E: 592,573.5 UTM-ELEV: 1,273.6 TOTAL DEPTH: 172.8 SECTION: W 60
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHO CALC: 1 SS CALC: 1

DDH SEGMENT NOS COND INDICATOR

FAGA119	1	2
FAGA119	2	2
FAGA119	3	2
FAGA119	4	1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: FAGA 119

Fabric Orientation Diagram:

Project: _____

not logged by CAMC

Location: _____

Claim: _____

*UTM
979 HIW
Aerialphoto
Survey*

Terr. Plane
Co-ords.: 6904659.5821 N

592573.5277 E

Grid
Co-ords.: 60W / 02N

All symmetry determinations looking

_____ with _____ dipping

Elevation: 1273.61 m

_____ with dip azimuth _____.

Total Depth: 172.8 m

Purpose: _____

Logged by: _____ Date(s) Logged: _____

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

Started: _____ Completed: _____

60W

Sediment

DDH FAG-119
2 8

Cyprus Anvil Mining Corp.

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Lithologic Log

Date: March 20/82 Logged By: RWH

Code	From		To		Recov.		No.	Unit	Description	
	10	14	16	20	22	24				26
L		00		1490			1	IX	OVERBURDEN	
L		490		491			2	4E0	UNIT NOTED AS UPPER CONTACT IS MISSING AND DRILLERS MAY HAVE GONE THROUGH ADDITIONAL SULPHIDES.	
L		491		528	137		3	4G0	IX (464, 4E0) PREDOMINANTLY 4G0 WITH MASSIVE P _g ZONE (4E0) AT 52.4-52.5m, FROM 49.7-52.3 464 WITH 4G0, K.A. ASSAY RESULTS ARE; INTERVAL Pb Zn 49.0-51.2 2.43 6.56 51.2-52.3 1.78 4.78 52.3-52.9 3.83 7.41	
L		528		560	125		4	4L0	V. MINOR SULPHIDES <1%, 2cm GOUGE AT T.O.I. QTL VEINS &/OR ZONES OF INTENSE SILICIFICATION PRESENT 1-2cm WIDE TO S _g . LOWER CONTACT IS SHARP WITH A .5cm QTL VEIN.	
L		560		568		8	5	4L0	(4H0, 4E0) AT T.O.I IS .2m OF 4H0, 4E0 (80% 4H0). 56.3-56.8m 4L0 IS HIGHLY ALTERED (TO TALC?) WITH ZONE OF SILICIFICATION, GOUGE ON SHEAR FACES AND MINOR P _g (<1%)	
L		568		572		4	6	5B, 4L6	1cm THICK QTL VEIN AT 56.8m, 56.9-57.0m, RUBBLE FROM QTL VEIN. UPPER CONTACT IS QTL VEIN, LOWER CONTACT IS GRADATIONAL.	
L		572		597	123		7	5A, 6	(5B6±4) 57.7-58.1 FRACTURE TO C.A. MINOR P _g (<1%) B _{2c} , QTL AND (KAOLINITE-TALC?), 58.1-58.2 QTL VEINS WITH MINOR P _g & KAOLINITE. AT 58.5 BROKEN CORE WITH VERY MINOR P _g FROM 58.8-59.7. GOUGE AND 2cm QTL VEIN AT BOTTOM CONTACT (DRILLER'S GOUGE?). 5B6±4 OCCURS IN Bx ZONES AND BROKEN CORE, BLEACHED AROUND QTL VEINS?	

52.8
49.0
3.7

BIOTITE PRESENT IN SMALL AMOUNT

Silicification below Sulf

5A6-5B6

Lithologic Log

Date: March 21/82 Logged By: RWH

Code	From				To				Recov.				No.	Unit	Description
	10	14	16	20	22	24	26	28	30	34	35				
L	15	17	16	12	22	24	26	28	30	34	35	18	S1A6	(SB6) 20 cm GOUGE AND RUBBLE AT 60.5-61.2. MINOR Py INFRACTURES AT 60.5. SB6 OCCURS IN THE RUBBLE AND IN TWO BANDS ~ 7 cm THICK BELOW GOUGE. DRILLER'S RUBBLE AT 62.2.	
L	16	12	16	14	12	10						19	S1B16	(SAB) SAB AT T.O.I., MIDDLE AND AT E.O.I. ALSO HAS MINOR Py AND QTZ VEINS, DRILLER'S RUBBLE AT 64.5-64.6m.	
L	16	14	16	17	12	14						110	S1B62	(SB6) 1-2 cm QTZ VEINS ASSOC. WITH MINOR Py (<1%) APPROX EVERY 10 cm. BROKEN CORE & 5cm GOUGE AT 65.75 (DRILLER'S?). GRADATIONAL CONTACTS.	
L	16	17	16	18	11	17						111	S1A16	(SB64) SB64 HAS V. LITTLE C, OCCURS AT 67.2-67.45, MINOR Py (<1%). A FEW THIN QTZ VEIN < 2 cm THICK.	
L	16	18	17	13	13	19						112	S1B62	WEAKLY CALCAREOUS TO NONCALCAREOUS FOR TOP 2m. GRAD CONTACT. NOTE, 5m MISSING CORE. NO MAJOR GOUGE, MINOR Py IN PLACES	
L	17	13	17	15	12	22						113	S1A3	WEAKLY TO MODERATELY CALCAREOUS. CORE IS BROKEN FOR ~ 75.0-75.4m. V. LITTLE GOUGE. MINOR QTZ VEINING IN BROKEN CORE	
L	17	15	18	11	13	18						114	S1B3	(SB23) SB3 IS MAJOR COMPONENT. 10 cm OF GOUGE AT 75.9-76.0 FOLLOWED BY 10 cm QTZ VEIN (1000) AT 76.0-76.1 5cm GOUGE AT 76.4m, BROKEN CORE & GOUGE AT 77.0 (DRILLER'S GOU?) ALTERED AND V. SOFT FROM 79.4-79.7, ENTIRE INTERVAL IS WEAKLY TO MODERATELY CALCAREOUS.	

SAB IS → SB62

SAB- SB62

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	1810	1869	148	115	5B16 (±3) (5B62) UPPER	CONTACT GRADATIONAL OVER N. 4m. LOWER CONTACT SHARPER. IN PLACES UNIT IS V. WEAKLY CALCAREOUS BROKEN CORE (RUBBLE) AT 81.4-81.7, 82.8-85.1 MINOR SILICEOUS LAMINATIONS
L	1869	1880	111	116	5B13 (5A3)	LOWER CONTACT IS GRADATIONAL. UNIT IS MODERATELY CALCAREOUS. 20 cm QTZ VEIN (10%) WITH PY & PO AT 87.1- 87.3. BROKEN CORE AT 87.6-87.8. (DUE TO DRILLERS?)
L	1880	1908	128	117	5A13 (5B3)	BOTH CONTACTS GRADATIONAL. MODERATELY TO WEAKLY CALCAREOUS.
L	1908	1936	126	118	5B16 (±3) (5A6)	5A6 IS THE LESSOR COMPONENT OCCURS AS 1-5cm BANDS. UNIT IS WEAKLY TO MODERATELY CALCAREOUS IN PLACES ESP. ABOVE 92.6m. UNIT GETS PROGRESSIVELY MORE SILICEOUS NEAR FOOTWALL. ALL CONTACTS V. GRADATIONAL. BROKEN CORE AT 92.1-92.8m (DRILLERS)
L	1936	1966	126	119	5B16 (±1)	ALSO BROKEN CORE & MINOR GOUGE AT 91.0- 91.2m
L	1966	1025	159	120	5A6 (5B6)	GRADATIONAL CONTACTS, V. MINOR QTZ VEINING, SOMETIMES "PORUS". BROKEN CORE AT 94.7-94.8, 95.9-96.0 (DRILLERS) LAST 26m NOT SILICEOUS Py (<1%)
L	1025	1108	161	121	5B6 (±2) (5B4)	PRIMARILY 5A6 WITH MINOR 5B6. AT 97.1m 3cm BRECCIA ZONE WITH WHITE QTZITE CLASTS HEALED WITH QTZ. SILICEOUS AT 100.6-100.9m UPPER CONTACT GRADATIONAL. LOWER CONTACT SHARP. V. MINOR (PY <1%) IN PLACES (5B4) ± minor bands throughout SOME GRAPHITIC LAMIN & BANDS (BANDS < 5cm thick) FROM

LATE
1/2 to
5B51

5A3 →
5B32

2cm
minor
bands
5B64

5A6 →
5B62

Lithologic Log

Date: March 22 Logged By: RWH

Code	From				To				Recov.	No.	Unit	Description	
	10	14	16	20	22	24	26	28					30
												105.5 TO 108.2 GOOD SBG. MINOR GOUGE AND QTZ VEIN AT 103.8 MINOR QTZ VEIN THROUGHOUT UNIT. QTZ VEINS ASSOC. WITH BLEACHED PHYLLITE, TALC LAMINAS + WISPS OF Py (+ANKERITE?) IN UNIT PREDOMINANTLY NEAR QTZ VEINS BLEACHED PHYLLITE	
L	11088		11152		151	122		151B16				(SAG) UPPER CONTACT GRADATIONAL, LOWER CONFORMABLE CONTACT CONTACT SHARP AGAINST MASSIVE Py. MINOR QTZ VEINING, VEIN < 2cm THICK EXCEPT AT 109.6-109.75m, 15cm QTZ VEIN. SOMETIMES Py IN QTZ VEINS. AT 109.0m 3cm GOUGE. BETWEEN 112.1- 115.2 BROKEN CORE (RUBBLE).	SAG → SAG2
L	11152		11161		16	123		191E10				MASSIVE Py, UPPER CONTACT, SHARP BUT CONFORMABLE (NO GRADATION AT ALL) FRACTURES IN UNIT ~25° TO C.A. LOWER CONTACT NOT RECOVERED	
L	11161		11165		3	124		51A11*				(4ASX) LAMINATED Py, MINOR ANKERITE CHERTY QTZ AND GRAPHITIC PHYLLITE. Py ~ 5%	
L	11165		11174		5	125		51B12.4				RUBBLE AND GOUGE ONLY. VERY MINOR Py WISPS. UNIT MORE SERPENTINE	
L	11174		11256		6.4	126		51B.6				(SB62) PREDOMINANTLY SBG (60%) BROKEN CORE AT 117.4-118.6, 122.6-122.7 (DRILLERS?) 123.1-123.7, 124.2-125.1 BOTH CONTACTS ARE GOUGE (5cm). 70% GOUGE AT 122.3-122.9. QTZ VEINS UP TO 10cm THICK THROUGHOUT (~13 VEINS) BLEACHED PHYLLITE 120.7-120.9.	

March 23/82

Lithologic Log

Date: March 23 Logged By: RWH

Code	From			To			Recov.			No.			Unit			Description	
	10	14	16	20	22	24	26	28	30	34	35						
L	11283	11313	11330	11330	11330	11330	11330	11330	11330	11330	11330	11330	11330	11330	11330	(5B6) UPPER CONTACT GOUGE (E b/c?) LOWER CONTACT RUBBLE (b/c?) (DRILLER?). GOOD SAG UP TO ~128.1. FROM 128.1-133.0 MORE 5B6 AS AT 132.0 -133.0 BROKEN CORE (RUBBLE) AT 126.3- 126.5; 128.8-128.9 (DRILLER?) 130.3-130.1 (DRILLERS), 131.7-132.0 (SOME GOUGE). ALSO 10cm GOUGE AT 126.6	SAG → 5B62
L	11313	11330	11389	11389	11389	11389	11389	11389	11389	11389	11389	11389	11389	11389	11389	(4) (4L6) MINOR Po & Py < 5% OVER ALL EXCEPT WHERE Po IS IN BANDS (10cm THICK AT 136.3-136.4) ELSEWHERE IT IS IN THIN LAMEN (1-5mm WIDE). FIRST 18m HAS < 1% COMBINED Po + Py, 4L6 IS PREDOMINANTLY IN THE TOP 2m. MINOR QTZ VEINS PRESENT LOWER CONTACT IS UNCONFORMABLE MINOR Zn VISIBLE IN PLACES, ASSOC. WITH Py IN MOST CASES. Py & Po BANDS ARE SLIGHTLY POROUS.	BIOTITE VISIBLE ON SOME BANDS
L	11389	11426	11426	11426	11426	11426	11426	11426	11426	11426	11426	11426	11426	11426	11426	(4L0, 4H0) 15cm QTZ VEIN AT UPPER CONTACT WITH MINOR QTZ VEINS IN UNIT. THIS UNIT SIMILAR TO #28 ABOVE. THIS UNIT HAS LESS Po & Py (2%) EXCEPT A 10cm BAND (4H0) Po + Py (+ PbS & ZnS). LOWER CONTACT IS RUBBLE. L % ??	← ??
	11426	11448	11448	11448	11448	11448	11448	11448	11448	11448	11448	11448	11448	11448	11448	THE WHOLE UNIT IS FCT GOUGE (OOL L. D.). UPPER CONTACT IS RUBBLE. LOWER CONTACT IS GRADUALLY INTO UNIT 31 GOUGE. WEAKLY CALCAREOUS AT THE BOTTOM 14m	

Lithologic Log

Date: March 23 Logged By: RWH

Code	From				To				Recov.				No.	Unit	Description
	10.	14	16	20	22	24	26	28	30	34	36				
L	144	8	160	8	169					31	51A13	(SA34) (SA19) REFERS TO FLT GOUGE A TOP: 7m (144.8-145.7) IS FLT GOUGE			
												AND IS WEAKLY CALCAREOUS, THE REMAINDER IS A WEAK TO MODERATELY CALCAREOUS, LOWER CONTACT IS GRADATIONAL INTO NON-CALCAREOUS SAG, THE LAST 2m ARE WEAK TO NON CALCAREOUS, BROKEN CORE AND MISSING CORE AT 147.5-148.4, 151.8 - 153.7.			
												FINE CALCITE VEINING FROM ~ 154m, 10cm GOUGE AT 158.1m GOUGE OR DRILLERS GOU AT 152.1m MINOR WISPS OF Py AS LAMEN & VEINS THROUGHOUT, MINOR P ₀ FROM ~159.6-160.8 TWO INCH WIDE P ₀ BANDS. BOTTOM 1/2 OF UNIT GETS INCREASINGLY SILICEOUS.			
L	160	8	167	7	168					32	51A16	BOTH CONTACTS VERY GRADATIONAL VERY THIN CALCITE VEINS PRESENT, VERY LITTLE P ₀ (<.1%), WISPY Py LAMEN AND VEINS + Py ON FRACTURES.			
L	167	7	172	8	178					33	51A16B	MOTTLED TEXTURE, QTL VEINS UPTO 10cm WIDE.			
												E.O.H.			

UPPER
PARTS
IS → S6

check
4A17


?
mottled.

Structural Log

Code	From		To		Feature	SYM	S ₀		S ₁		S ₂		Description
	10	14	16	20			Dip	Direct.	Dip	Direct.	Dip	Direct.	
				METERS									
S			4.9	2	IND P						4.5	2310	UNIT IS BANDED 4G0
S			5.4	5	IND P						6.0		
S			5.6	2	FRIC		1.5	01010			6.0		ASSOC. WITH GOUGE & RUBBLE
S			5.7	4	S ₁₄		6.0	0210			6.0		FOLD AXIS OF S ₁ ON S ₂ PLANE
R.T. S			5.9	9		3					4.0		S ₂ TO MINOR FRC. WITH GOUGE
S			6.2	2	S ₁₄ P		3.0	0310			6.0		FOLD AXIS OF S ₁ ON S ₂
S			6.3	5		2					6.0		
R.T. S			6.6	0		P					6.0		POSSIBLE 2 SYM AT 66.6 2?
R.T. S			6.6	8		D					6.5		
S			6.9	4		S					6.5		
S			7.0	5		Z					4.5		V. SMALL STRUCTURE
S			7.2	0		D					6.5		
S			7.2	6		3					5.5		ALSO SYM OBSERVED
S			7.3	5		S					7.0		
S			7.7	2		S					8.0		ALSO 'S' AT 77.0m
S			7.9	3		M					7.5		ALSO POSS. '3' ? (3)
													20cm ZONE ON FOLDED S ₁
													WITH DIP OF ~ 40°
S			8.0	2		S	4.0	01010			8.0		
S			8.0	4		M					8.0		
S			8.1	1	FRIC		5.0	31210			8.0		MINOR FRC
S			8.2	4		M					7.5		OR 3 SYM ?
S			8.5	8		Z					7.0		
R.T. S			8.6	2		3					7.0		ZONE OF 'S' SYM 1m DOWN
S			8.8	2		S					7.5		
S			9.2	5		S					7.0		
S			9.4	9		P					7.0		
S			9.6	8		S					6.0		
S			9.9	3		M					8.5		
S			1.0	0	2	Z	3.0	0113			7.0		S ₁ READING NOT V. RELIABLE
S			1.0	3	FRIC		2.4	5000			6.7		TO S ₂
S			1.0	8	9	M					8.0		
S			1.1	1	6	S					3.0		
S			1.1	5	3	FRIC	2.5	0510			6.5		IN 4G0
S			1.1	5	3	FRIC	2.0	1810			6.5		APPROX IN 4G0



Structural Log

Code	From				To				Feature	E S ₁	S ₀		S ₁		S ₂		Description
	10	14	16	20	22	24	26	28			Dip	Direct.	Dip	Direct.	Dip	Direct.	
S				11, 18			9	IND M							50	2, 3, 10	
S				12, 10				P							70		
S				12, 2				3							50		
S				12, 3				3							50		
S				12, 5			5	IND M							80		
S				12, 7				2							75		
S				12, 8				3							70		Hinge of a fold. 
S				12, 9				E							70		" " " " (AS ABOVE)
S				13, 2				IND M							65		
S				13, 3			2	FRC CP	4.5	2	9.0				60		ALSO FRC TO S ₂
S				13, 4				3							75		
S				13, 4				D							80		DIP IS APPROX
S				13, 5			2	S ₁₁ D	4.0	0	9.0				80		"
S				13, 8				S							65		
S				13, 8				P							70		QTL VEIN TO S ₂
S				13, 9				3							75		
S				14, 1				E							65		
S				14, 3				P							55		DUAL L FLT.
S				14, 6				P							72		
S				15, 0				P							73		S ₀ S ₁ S ₂ ??
S				15, 4			8	FRC P	3.0	0	9.5				65		FRC WITH CALCITE COATING
S				15, 6				P							70		FOLD HINGE?
S				16, 1			8	S ₁₄ P	0.0	0	3.0				78		FOLD AXIS OF S _y
																	P IS ALMOST R (TRANPOSED)
																	IN PLACES
S				16, 5				P							55		S ₂ IS TRANPOSED AT HINGES
																	OF MINOR FOLDS
S				16, 8				IND D									
S				16, 8				P							30		TRANPOSED, MOTTLED TEXTURE
																	E, O, H

R, T

Check.

"



DDH FAGA 119
2 8
 meters

Cyprus Anvil Mining Corp.

Page _____ of _____

Lithologic Log

Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	00	490		1	#	
L	490	491		2	4E0	
L	491	528		3	4G0	2*(4G4)(4E0)
L	528	560		4	4L0	21
L	560	568		5	4L3	(4H0)(4E0) 75:20:5
L	568	572		6	SB64	
L	572	597		7	SA6	→ SB62 (SB624)
L	597	623		8	SA6	(SB6)
L	623	646		9	SB6	(SA6 → SB62)
L	646	670		10	SB62	(SR1)
L	670	688		11	SA6	→ SB62 (SB64)
L	688	733		12	SB62	20 minor
L	733	759		13	SA3	
L	759	810		14	SB0	(SB20)
L	810	869		15	SB6	20 minor (SB62)
L	869	880		16	SB0	(SA0)
L	880	908		17	SA0	(SB0)
L	908	936		18	SB6	20 21 (SA620)
L	936	966		19	SB61	
L	966	1025		20	SA6	(SB6) minor
L	1025	1088		21	SB6	22 (SB64)
L	1088	1152		22	SB6	(SA6 → SB62)
L	1152	1161		23	4E0	
L	1161	1165		24	SA*	(4A*) logged as SA4*
L	1165	1174		25	SB624	
L	1174	1253		26	SB6	(SB62) 60:40 (4L0) minor
L	1253	1330		27	SA6	(SB6)
L	1330	1389		28	4L72	24 (4L6) B10
L	1389	1426		29	SB64	(4L0)(4H0)
L	1426	1448		30	4L3	
L	1448	1608		31	SA3	
L	1608	1677		32	SA6	21 29 minor
L	1677	1728		33	SA68	P[3G0]

DDH FAGA 119
2 8

Cyprus Anvil Mining Corp.

Page _____ of _____

Structural Log

Date: _____ Logged By: _____

Code	From		To		Feature	SYM	S ₀		S ₁		S ₂		Description
	10	14	16	20			Dip	Direct.	Dip	Direct.	Dip	Direct.	
	26	28	32	34	38	40	44						
S				492	PS2P						45	230	
S				545	PS2P						60		
S				599	GS2B						40		
S				635	GS2Z						60		
S				660	PS2P						60		
S				694	GS2S						65		
S				705	GS2Z						45		
S				726	GS2B						55		
S				735	GS2S						70		
S				772	GS2S						80		
S				793	GS2M						75		
S				802	GS2S						80		
S				804	GS2M						80		
S				824	GS2M						75		
S				858	GS2Z						70		
S				862	GS2B						70		
S				882	GS2S						75		
S				925	GS2S						70		
S				949	PS2P						70		
S				968	GS2S						60		
S				993	GS2M						85		
S				1002	GS2Z						70		
S				1089	GS2M						80		
S				1116	GS2S						50		
S				1153	PS2P						65		
S				1189	GS2						50		
S				1210	PS2P						70		
S				1229	GS2B						50		
S				1239	GS2B						50		
S				1255	GS2						80		
S				1270	GS2Z						75		
S				1283	GS2B						70		
S				1292	GS2F						70		
S				1321	GS2						65		
S				1327	GS2Z						80		
S				1343	GS2B						75		

DDH FAGA 119
2 8

Cyprus Anvil Mining Corp.

Page _____ of _____

Structural Log

Date: _____ Logged By: _____

meters

Code	From		To		Feature	S ₀ Dip Direct.	S ₁ Dip Direct.	S ₂ Dip Direct.	Description
	10	14	16	20					
F				528	G				
F		563		568	IG				
F		569		570	R				
F		577		581	FIX				
F				585	B				
F		588		597	GP				
F		605		612	GR				
F				622	IR				
F				646	IR				
F				657	BR				
F		750		754	B				
F		759		760	G				
F				764	IG				
F				770	B				
F		814		817	R				
F		828		852	R				
F		876		878	B				
F		921		928	B				
F		910		912	B, IG				
F		947		948	B				
F		959		960	B				
F				971	IXD				
F				1038	IG				
F				1099	IG				
F		1121		1152	B				
F		1165		1188	RG				
F		1231		1237	RG				
F		1242		1251	RG				
F		1223		1229	2G				
F		1263		1265	B				
F		1288		1289	B				
F		1303		1311	B				
F		1317		1320	B, 2G				
F				1266	IG				
F		1426		1457	GF				
F		1475		1484	BP				

DDH: FAGA119 -- 42 DEGREE PROFILE

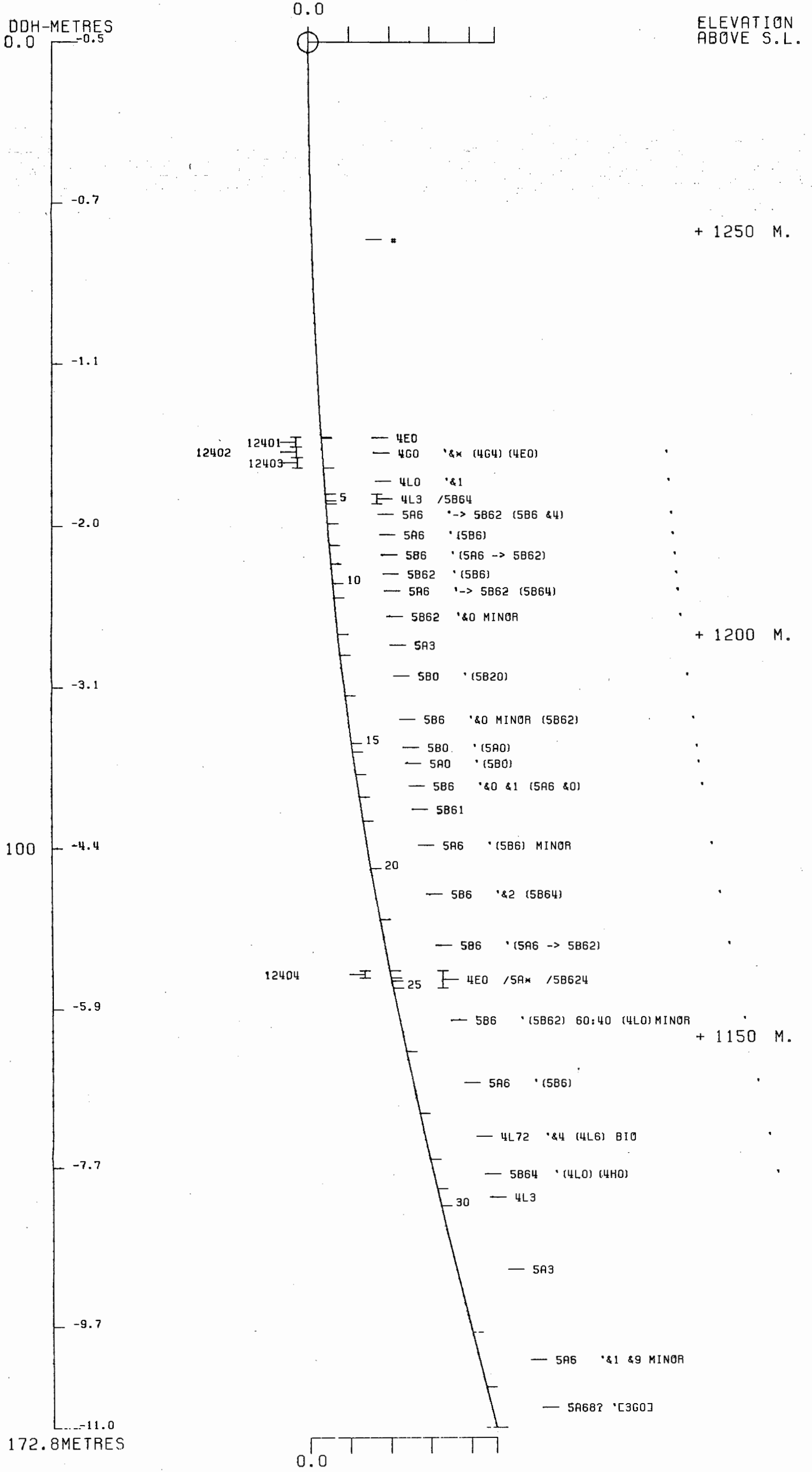
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1274 592574E ; 904660N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

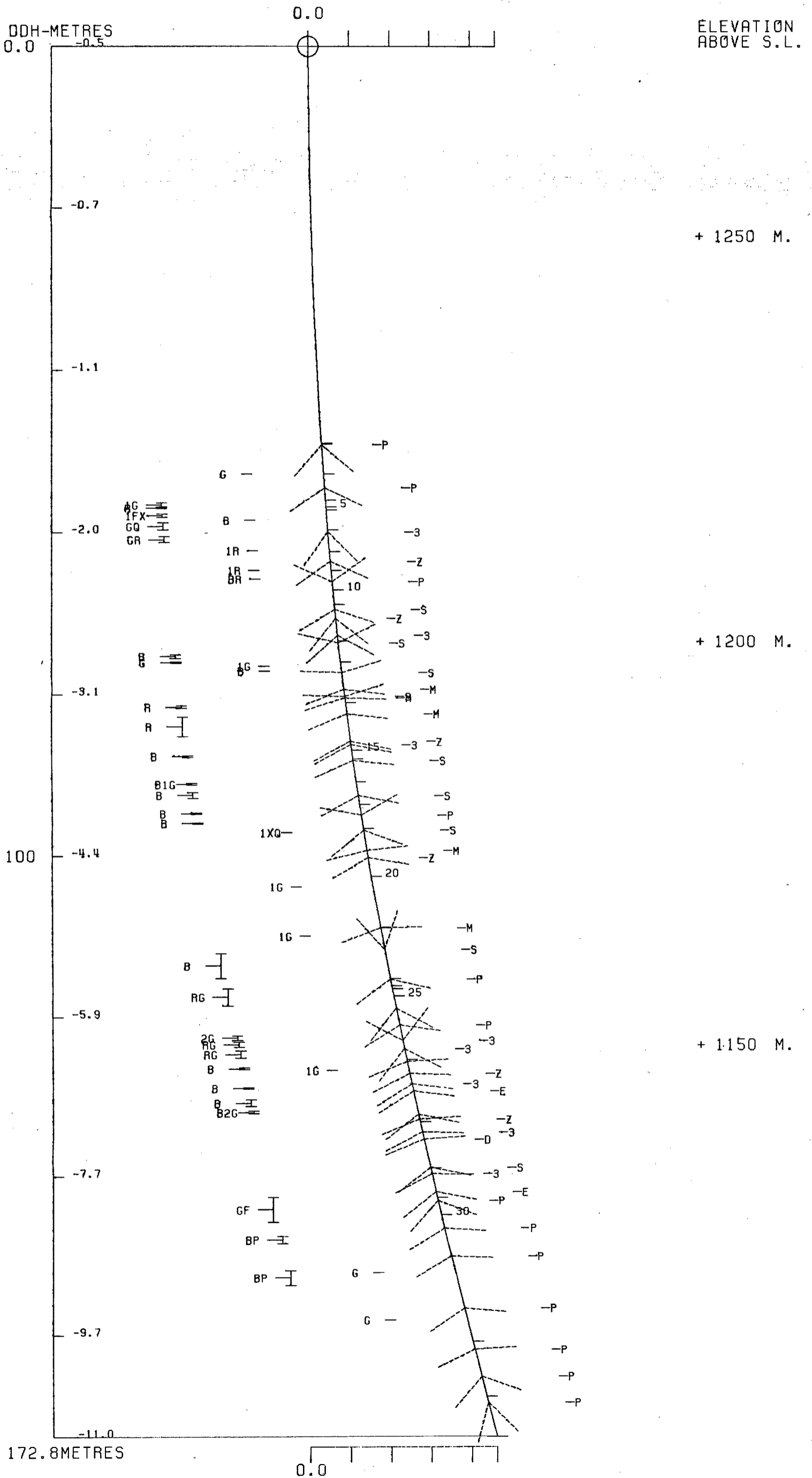
CORRECTED COLLAR POSITION: X = 433.3 Z = 1273.5

SECTION NAME: 60W



DDH: FAGA119 -- 42 DEGREE PROFILE (VIEW AZIMUTH = 312 DEGREES)

ELEV: 1274 592574E ; 904660N
 PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0
 CORRECTED COLLAR POSITION: X = 433.3 Z = 1273.5
 SECTION NAME: 60W



FA64 130

DRILL HOLE : FAGA130
NORTHING : 904,749.1
EASTING : 592,655.9
ELEVATION : 1,276.8
TOTAL DEPTH : 72.0
SECTION : W 60
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 0

DETAIL RECORD COUNTS:

NOS CRE-SAMPLES: 0
NOS DOWN-H-SURVEYS: 2
NOS DOWN-H-LITHOLOGY: 1
NOS DOWN-H-STRUCTURE: 0
NOS DOWN-H-FAULTS: 0
NOS DOWN-H-SPLINES: 2
NOS COMPOSITES: 0

20MAR84 GRUM

DOWN-HOLE SURVEYS (DHO20)

PAGE: 41

DDH: FAGA130 UTM-N: 904,749.1 UTM-E: 592,655.9 UTM-ELEV: 1,276.8 TOTAL DEPTH: 72.0 SECTION: W 60
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 0

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
64.100	174.800	72.500

ZUMAR84 GRUM

DOWN-HOLE LITHOLOGY (DHQ20)

PAGE: 42

DDH: FAGA13G UTM-N: 904,749.1 UTM-E: 592,655.9 UTM-ELEV: 1,276.8 TOTAL DEPTH: 72.0 SECTION: W 60
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHQ CALC: 1 SS CALC: 0

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
72.0	OC01	#	ECH IN OVERBURDEN	0.5-	1

ZOMAR84 GRUM

DOWN-HOLE SPLINES (DH020)

PAGE: 43

DDH: FAGA130 UTM-N: 904,749.1 UTM-E: 592,655.9 UTM-ELEV: 1,276.8 TOTAL DEPTH: 72.0 SECTION: W 60
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 OHD CALC: 1 SS CALC: 0

DDH SEGMENT NOS COND INDICATOR

FAGA130	1	2
FAGA130	2	1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: FAGA 130

Fabric Orientation Diagram:

Project: _____

Location: _____

Claim: _____

not logged by CAMC

UTM Terr. Plane
Co-ords.: 6904749.1456 N

*No Core - hole lost in
Overburden @ 72.0m.*

*1979 HIW
orthophoto Survey*
Co-ords.: 592655.9173 E

Grid
Co-ords.: 60W /

All symmetry determinations looking

_____ with _____ dipping

Elevation: 1276.75m.

_____ with dip azimuth _____.

Total Depth: 72.0m

Purpose: _____

Logged by: _____ Date(s) Logged: _____

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

Started: _____ Completed: _____

DDH: FAGA130 -- 42 DEGREE PROFILE

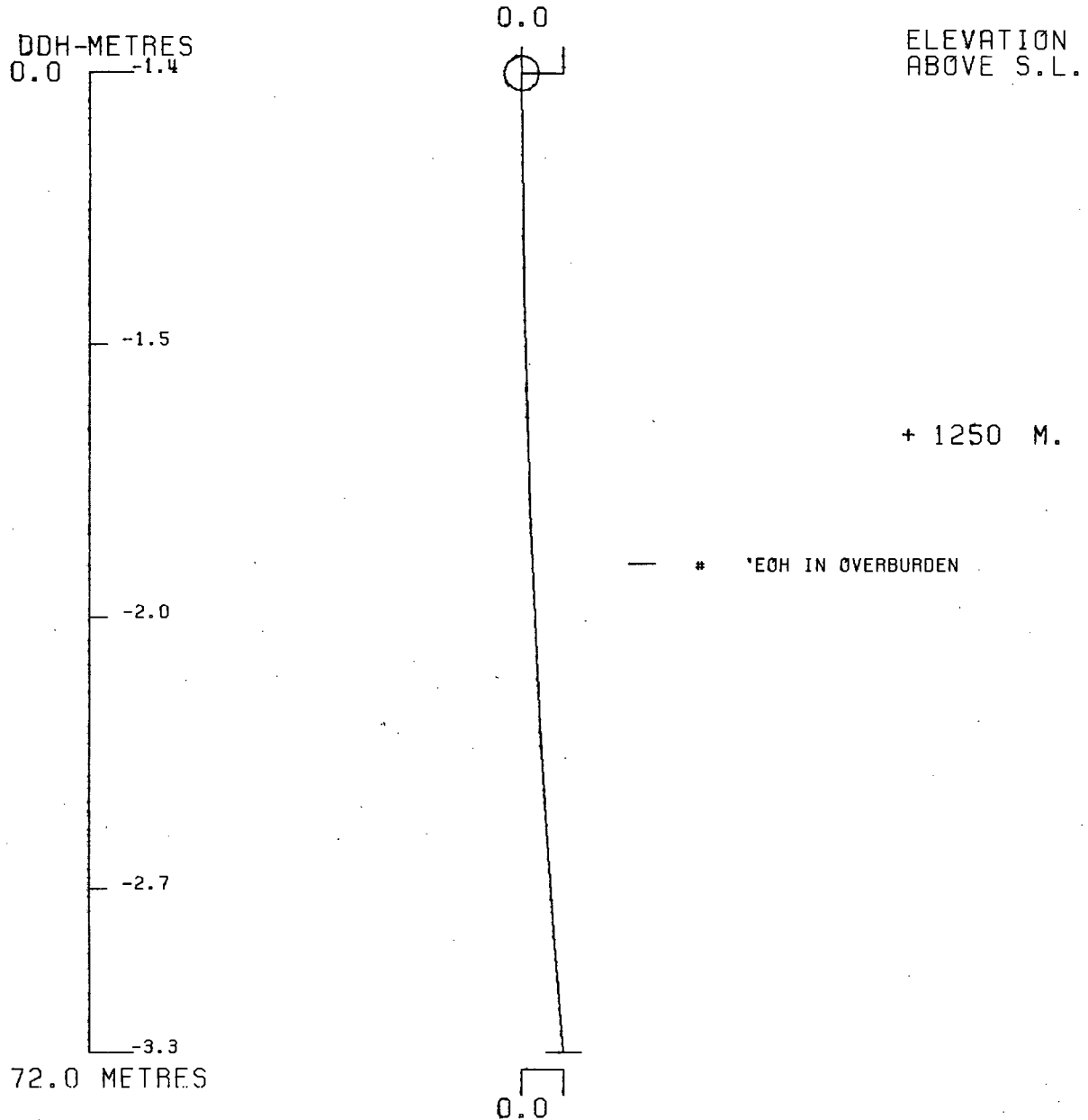
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1277 592656E ; 904749N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 555.0 Z = 1276.5

SECTION NAME: 60W



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 17 APR 1984 10:25 AM



FAGA 131

84/1C/18

GRUM DATABASE - QUIZ REPORT

PAGE 7

DDH	SAMPLE	---DEPTHS---		INT M	REC %	ROCK UNIT	S.G.	CU %	PB %	ZN %	AG G/MT	AU G/MT	PO %	PY %	BAO %	PB+ZN %	PC+PY %	ZN RATIO	
		FROM	TO																
FAGA131	9C605	115.2	117.0	1.8	17	4A4				2.95	4.60	33.3						7.55	.61
	9C606	117.0	118.9	1.9	47	4A4				4.50	8.70	75.8						13.20	.66

84/10/18

GRUM DATABASE - QUIZ REPORT

PAGE 7

DCH	SAMPLE	ROCK UNIT	NORMATIVE MINERALS - WEIGHT %						*	NORMATIVE MINERALS - VOLUME %							
			CPY	GA	SP	PC	PY	BAR		OTHER	*	CPY	GA	SP	PO	PY	BAR
FAGA131	9C605	4A4		3.41	6.86					89.74	*						
	9C606	4A4		5.20	12.97					81.83	*						

DRILL HOLE : FAGA131
NORTHING : 904,704.6
EASTING : 592,614.7
ELEVATION : 1,276.4
TOTAL DEPTH : 165.5
SECTION : W 60
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS GRE-SAMPLES: 2
NOS DOWN-H-SURVEYS: 3
NOS DOWN-H-LITHOLOGY: 36
NOS DOWN-H-STRUCTURE: 17
NOS DOWN-H-FAULTS: 14
NOS DOWN-H-SPLINES: 3
NOS COMPOSITES: 0

20MAR84 GRUM

DOWN-HOLE SURVEYS (DH02G)

PAGE: 46

DDH: FAGA131 UTM-N: 904,704.6 UTM-E: 592,614.7 UTM-ELEV: 1,276.4 TOTAL DEPTH: 165.5 SECTION: W 6C
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
91.400	177.000	42.000
165.500	172.000	62.000

DDH: FAGA131 UTM-N: 904,704.6 UTM-E: 592,614.7 UTM-ELEV: 1,276.4 TOTAL DEPTH: 165.5 SECTION: W 60
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
81.1	0001	*		0.5-	1
94.8	0002	4A0		0.5-	1
95.2	0003	4E0	[4E1] (4A0) 66:34 [4E15]	0.5-	1
95.4	0004	4A0		0.5-	1
95.6	0005	4E1		0.5-	1
107.5	0006	4A0	-> 4B5 LOCALLY	0.5-	1
108.4	0007	4L1a	(4A0)	0.5-	1
111.3	0008	5D4*		0.5-	1
111.5	0009	4B5	?	0.5-	1
112.1	0010	5D4*		0.5-	1
113.0	0011	4A0		0.5-	1
114.0	0012	5A19	(4A0)	0.5-	1
115.2	0013	5A6	(10Qa)	0.5-	1
118.9	0014	4A4	MOSTLY NO CORE	0.5-	1
119.4	0015	4A4	(5A6) (10Q*)	0.5-	1
119.9	0016	5D4*	(5A6) (4A0)	0.5-	1
120.1	0017	5A6		0.5-	1
122.3	0018	5B6	84 -> 4L	0.5-	1
126.4	0019	3G0	(4L0) (5A6)	0.5-	1
127.6	0020	5B62	8a (10Qa)	0.5-	1
128.8	0021	5B62	(5A6)	0.5-	1
132.2	0022	5B62	a MINOR	0.5-	1
133.0	0023	5B02	? (10Q0)	0.5-	1
133.6	0024	5B62		0.5-	1
134.9	0025	5A13		0.5-	1
143.6	0026	5B62		0.5-	1
148.1	0027	3G0	[5B62]	0.5-	1
150.0	0028	5A6		0.5-	1
153.1	0029	3G0	[5B62]	0.5-	1
153.5	0030	5A6		0.5-	1
153.7	0031	5D3	? [3B3]	0.5-	1
154.0	0032	5B62		0.5-	1
154.4	0033	5D3	? [3B3]	0.5-	1
162.5	0034	3G0	[5B62]	0.5-	1
162.8	0035	3G0		0.5-	1
165.5	0036	3G0	[5B62] (10Q0+ ANDUL)	0.5-	1

DDH: FAGA131 UTM-N: 904,704.6 UTM-E: 592,614.7 UTM-ELEV: 1,276.4 TOTAL DEPTH: 165.5 SECTION: W 60
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYTRY	S0	ANGLE	DIRECT	S1	ANGLE	DIRECT	S2	ANGLE	DIRECT	RFE	CDE	DHDC	SDC	PROCESS
FAGA131	0.0	85.0	CS2	Z	0	0	0	0	0	55	230	C	1	1	1	1	1	1
FAGA131	0.0	87.0	PS2	P	0	0	0	0	0	55	230	C	1	1	1	1	1	1
FAGA131	0.0	92.0	CS2	S	0	0	0	0	0	60	230	C	1	1	1	1	1	1
FAGA131	0.0	97.0	CS2	Z	0	0	0	0	0	55	230	C	1	1	1	1	1	1
FAGA131	0.0	102.0	CS2	M	0	0	0	0	0	60	230	C	1	1	1	1	1	1
FAGA131	0.0	106.5	PS2	P	0	0	0	0	0	72	230	C	1	1	1	1	1	1
FAGA131	0.0	114.0	PS2	P	0	0	0	0	0	65	230	C	1	1	1	1	1	1
FAGA131	0.0	121.0	PS2	P	0	0	0	0	0	85	230	C	1	1	1	1	1	1
FAGA131	0.0	126.5	PS2	P	0	0	0	0	0	66	230	C	1	1	1	1	1	1
FAGA131	0.0	131.0	PS2	P	0	0	0	0	0	57	230	C	1	1	1	1	1	1
FAGA131	0.0	135.0	PS2	P	0	0	0	0	0	65	230	C	1	1	1	1	1	1
FAGA131	0.0	139.5	PS2	P	0	0	0	0	0	78	230	C	1	1	1	1	1	1
FAGA131	0.0	142.3	PS2	P	0	0	0	0	0	75	230	C	1	1	1	1	1	1
FAGA131	0.0	147.3	PS2	P	0	0	0	0	0	58	230	C	1	1	1	1	1	1
FAGA131	0.0	153.5	PS2	P	0	0	0	0	0	80	230	C	1	1	1	1	1	1
FAGA131	0.0	159.5	PS2	P	0	0	0	0	0	68	230	C	1	1	1	1	1	1
FAGA131	0.0	165.5	PS2	P	0	0	0	0	0	70	230	C	1	1	1	1	1	1

DDH: FAGA131 UTM-N: 904,704.6 UTM-E: 592,614.7 UTM-ELEV: 1,276.4 TOTAL DEPTH: 165.5 SECTION: W 6C
 RFE: S2 RFE DIR: 230 FLUNGE 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			
FAGA131	81.1	26.0	BP	6			0	0	C	C	0	0	1
FAGA131	98.8	100.3	BP	7			0	0	C	C	0	0	1
FAGA131	107.5	108.4	G				99	999	C	C	0	0	1
FAGA131	110.0	111.5	2G				0	0	C	C	0	0	1
FAGA131	112.1	113.0	P	5			0	0	C	C	0	0	1
FAGA131	113.0	114.0	B2G				0	0	C	C	0	0	1
FAGA131	114.0	115.2	GBP				0	0	C	C	0	0	1
FAGA131	115.2	117.0	NNN				0	0	C	C	0	0	1
FAGA131	119.9	120.1	G				0	0	C	C	0	0	1
FAGA131	122.3	126.4	GF				0	0	C	C	0	0	1
FAGA131	132.2	133.0	G				0	0	C	C	0	0	1
FAGA131	148.1	150.0	XS				0	0	C	C	0	0	1
FAGA131	0.0	157.4	G				0	0	99	999	0	0	1
FAGA131	162.5	162.8	G				0	0	C	C	0	0	1

ZCM4R84 GRUM

DOWN-HOLE SPLINES (GH020)

PAGE: 50

DDH: FAGA131 UTM-N: 904,704.6 UTM-E: 592,614.7 UTM-ELEV: 1,276.4 TOTAL DEPTH: 165.5 SECTION: W 6C
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DDH SEGMENT NOS COND INDICATOR

FAGA131	1	2
FAGA131	2	2
FAGA131	3	1

CYPRUS ANVIL MINING CORPORATION

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DIAMOND DRILL CORE LOG

Date: 25 July 82

Hole Number: FAG A 131

Reference Fabric Orientation Diagram:

Project: GRUM

Location: Vangorda Plateau 60W.

Claim: Champ 7

Terr. Plane Co-ords.: 904704.6 N

592614.7 E

Grid Co-ords: 4N

60W

Elevation: 1276.4 (C.A.M.C.)

Total Depth: 165.5 m

Purpose: to test ore

Reason hole Terminated: ore tested.

Logged by: GAJ

Date(s) Logged: 9 June - 16 June 82

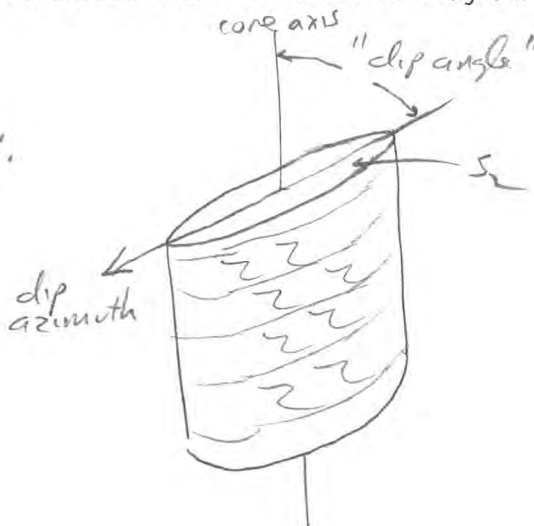
Drilling Contractor: Cameron MacCabeon

Size	CORE From	To	Collar Cased and Capped:
<u>BW</u>	<u>0</u>	<u>80.5m</u>	<u>no</u>
<u>BQ</u>	<u>80.5m</u>	<u>165.5m</u>	

Hole Cemented: no

Steel down hole: no

Started: 29 June 76 Completed: 5 July 76



All symmetry determinations looking

NW with S2 dipping

SW with dip azimuth 230.

1979 HSW UTM Orthophoto Survey

Section 60W

DDH F.A.G.A.13.1
2 8
Meters

Cyprus Anvil Mining Corp.

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Lithologic Log

Date: 9 June 82 Logged By: GJ

Code	From	To	Recov.	No.	Unit	Description					
	10	14	16	20	22	24	26	28	30	34	35
L	100	811		1	*	overburden					
L	811	948			4A0	~15% pyrite ^{overall} in light ^{gy} granular bands alternating with med grey finely granular qtzose + graph bands with no py - tr sphal and cpy with py - $\frac{1}{2}$ light coarse py bearing layers - poor recovery to 89 m ~ $\frac{2}{3}$ overall - lots of chips and broken rock to 86m but cell was 4A0 not gouge per se but could have washed away soft component of same					
L	948	952		2	4E0	(4A0) $\frac{2}{3}$ 4E with 10-20% qtz and some graphitic partings [4E1] very barren					
L	952	954		3	4A0						
L	954	956		4	4E1						
L	956	1075		5	4A0	near 965m approaches 4B5 Sembanded of 4E1 near 98m. 10cm ~ 4B5 at 97.6m 98-8-100-3 core broken ~75% recovery 101-105 approaches 4B5 ~5% py lower contact 15 with a gouge zone whose contact is 11 to 5 ₂					
L	1075	1084		6	4L1*	(4A0) GOUGE * = antikerite					
L	1084	1173		7	5D4*	minor felsite + deformed OQ* * = tan weather antikerite particularly gassy below 110					
L	1113	1115		8	4B5						
L	1115	1121		9	5D4*						
L	1121	1130		10	4A0	50% recvy					
L	1130	1140		11	5A19	(4A0) heavily broken and gassy sections					
L	1140	1152		12	5A0	(OQ*) actually black gouge with a few pieces of qtz antikerite vein material along 5 ₂ - poor recovery					

Code	From	To	Recov.	No.	Unit	Description
L	1152	1182		13	4A4	no recovery - only wood in core boxes 116.3 - 117 must have been mass sulfide
L	1182	1189		14	4A4	sphal rich
L	1189	1194		15	4A4	(SAG)(OQX)
L	1194	1199		16	S.D.4*	(SAG)(4A0)
L	1199	1201		17	SAG	GOUGE ENTIRELY
L	1201	1223		18	S.B.6	minor sericite → incipient 4L
L	1223	1264		19	360	(4L0)(SAG) GOUGE ZONE - presumed to be DofL LK Detachment (constable Dudley Dought presiding) lower contact cuts S ₂ slightly at 40° to CA.
L	1264	1276		20	S.B.62	* minor ankerite near end (OQX)
L	1276	1288		21	S.B.62	(SAG)
L	1288	1322		22	S.B.62	minor ankerite in thin, loose bands
L	1322	1330		23	S.B.62	(OQX) GOUGE gouge is very calcareous - foams!
L	1330	1336		24	S.B.62	
L	1336	1349		25	S.A.1	strongly calcareous
L	1349	1436		26	S.B.62	v. slightly calcareous mostly just veinlets
L	1436	1481		27	360	[S.B.62]
L	1481	1500		28	S.A.6	minor calcite in veinlets - section heavily brecciated & sheared.
L	1500	1531		29	360	[S.B.62]
L	1531	1535		30	S.A.6	minor calcite in veinlets
L	1535	1537		31	S.D.3	
L	1537	1540		32	S.B.62	
L	1540	1544		33	S.D.3	
L	1544	1625		34	360	[S.B.62] minor gouge at 157.4 // S ₂ minor OQX scattered through section // S ₂ - tr calcite in vlt's.
L	1625	1628		35	360	GOUGE lower contact not // S ₂ ~ 40° to CA - very calcareous - foams!
L	1628	1655		36	360	[S.B.62] 163-163.2 = OQX w/ardul

165.5 = EOH

Note RGN/SRKN at end of hole similar to swim LK's section

DDH FAGA.13.1
² Meters ⁸

Cyprus Anvil Mining Corp.

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Structural Log

Date: 16 June Logged By: GAT/DSJ

Code	From		To		Feature	SYM	S ₀		S ₁		S ₂		Description
	10	14	16	20			Dip	Direct.	Dip	Direct.	Dip	Direct.	
S				850	CSZ	Z					55	230	
S				870	IND	P					55		
S				920	CSZ	S					60		
S				970	CSZ	Z					55		
S				1020	CSZ	M					60		
S				1065	IND	P					72		
S				1140	IND	P					65		
S				1210	IND	P					85		
S				1265	IND	P					66		
S				1310	IND	P					57		
S				1350	IND	P					65		
S				1395	IND	P					78		
S				1423	IND	P					75		
S				1473	IND	P					58		
S				1535	IND	P					80		
S				1595	IND	P					68		
S				1655	IND	P					70		

DIAMOND DRILL RECORD

LOGGED BY STANLEY B. REAMSBOTTOM

D. D. H. No A 131 PAGE 1

PROPERTY VANGORDA MINES-GRAUM EXTENSION

HOLE SURVEY:

DEPTH	BEARING	DIP
0		90°
300	10°NE/42°	3°/87
543	30°NE/62°	8°/82

CLAIM No CHAMP 7



DIRECTION AND DISTANCE FROM N.E. CLAIM POST

LATITUDE 4N 10, 48, 36^A STARTED June 29, 1976
 DEPARTURE L60W 7 13 56^C COMPLETED JULY 5, 1976
 ELEVATION 1286.97^H PROPOSED DEPTH (500') 152.4m
 ULTIMATE DEPTH (543') 165.5m

Interval		DESCRIPTION	Recovery	Sample No	Interval		Sample Length	Assay					Assay x				
From	To				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag		
0	80.5	OVERBURDEN: Samples taken at 3m intervals. Mainly sandy silt fraction of probably boulder clay recovered. Boulders noted 6-30m. Some granite boulders cored between 62-80.5m															
80.5	107.6	QUARTZ-GRAPHITE SULPHIDES 10 1 Ribbon banded, contorted, quartz graphite sulphide zone. Thin white quartz laminae (0.5cm) alternate 10 1 with black graphitic laminae. Pyrite concentrated in F ₁ laminae. Locally it is recrystallized in F ₂ foliation. Sulphide: 10%. Mainly pyrite, minor cpy, virtually no PbZn. Note Cpy gashes at 95. Representative samples assayed. See back of page for structure of core. CA: See sketch previous page: 85=F ₁ 37, F ₂ =82 same dip direction: 90, F ₁ =F ₂ =52, 95=F ₁ =F ₂ =60, 97=F ₁ =50-80=50° opp. dip. 100=F ₁ =50, F ₂ =61 opp dip; 103=F ₁ 32, F ₂ =58 same dip.	1.4	3609	83.5	85.0	1.5	0.6	0.43	9.96							
					85.0	92.3	1.5	0.05	0.23	6.17							
					93.8	94.8											
					94.8	96.3	1.5	0.02	0.35	5.61							

DDH: FAGA131 -- 42 DEGREE PROFILE

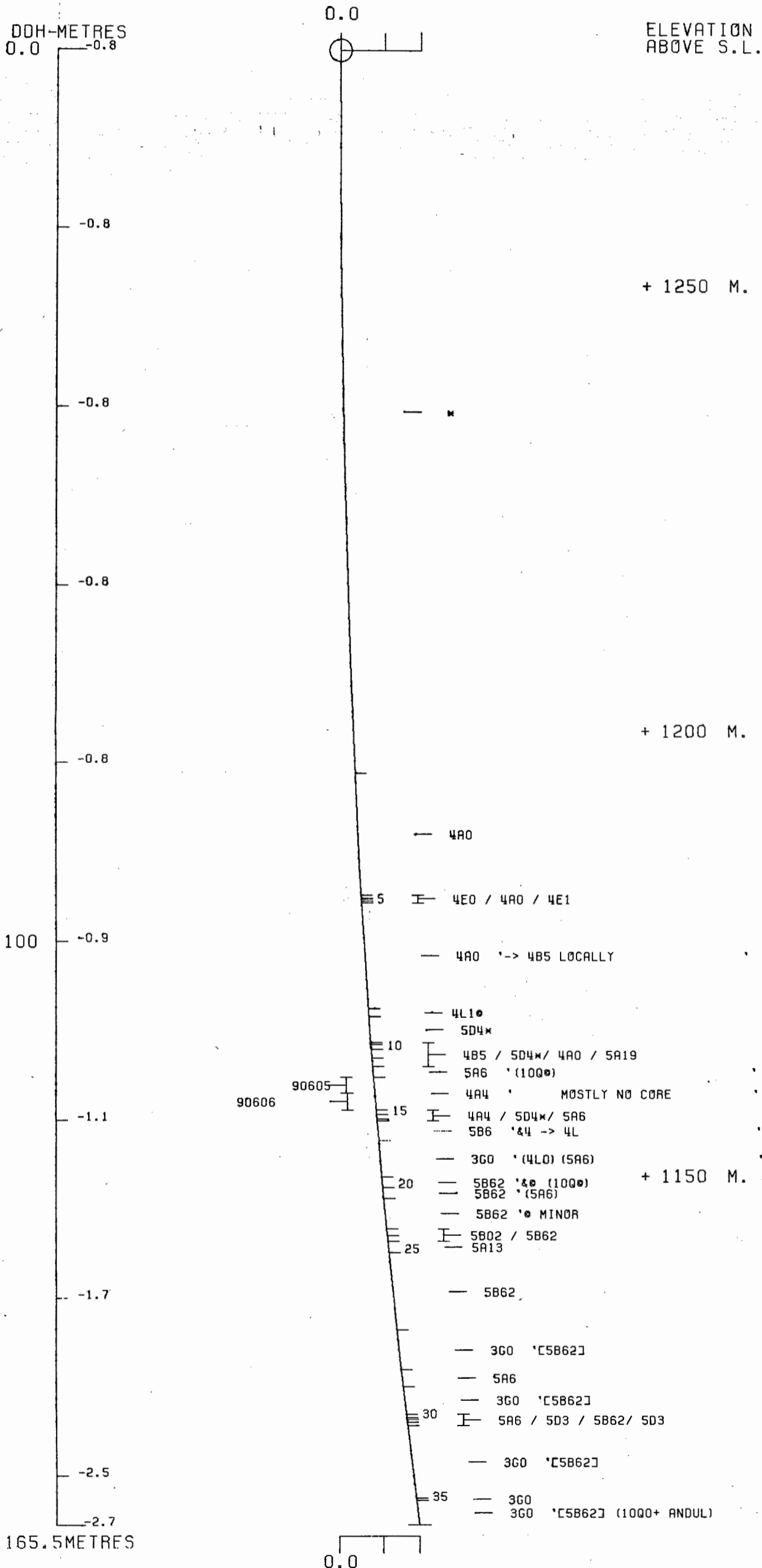
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1276 592615E ; 904705N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

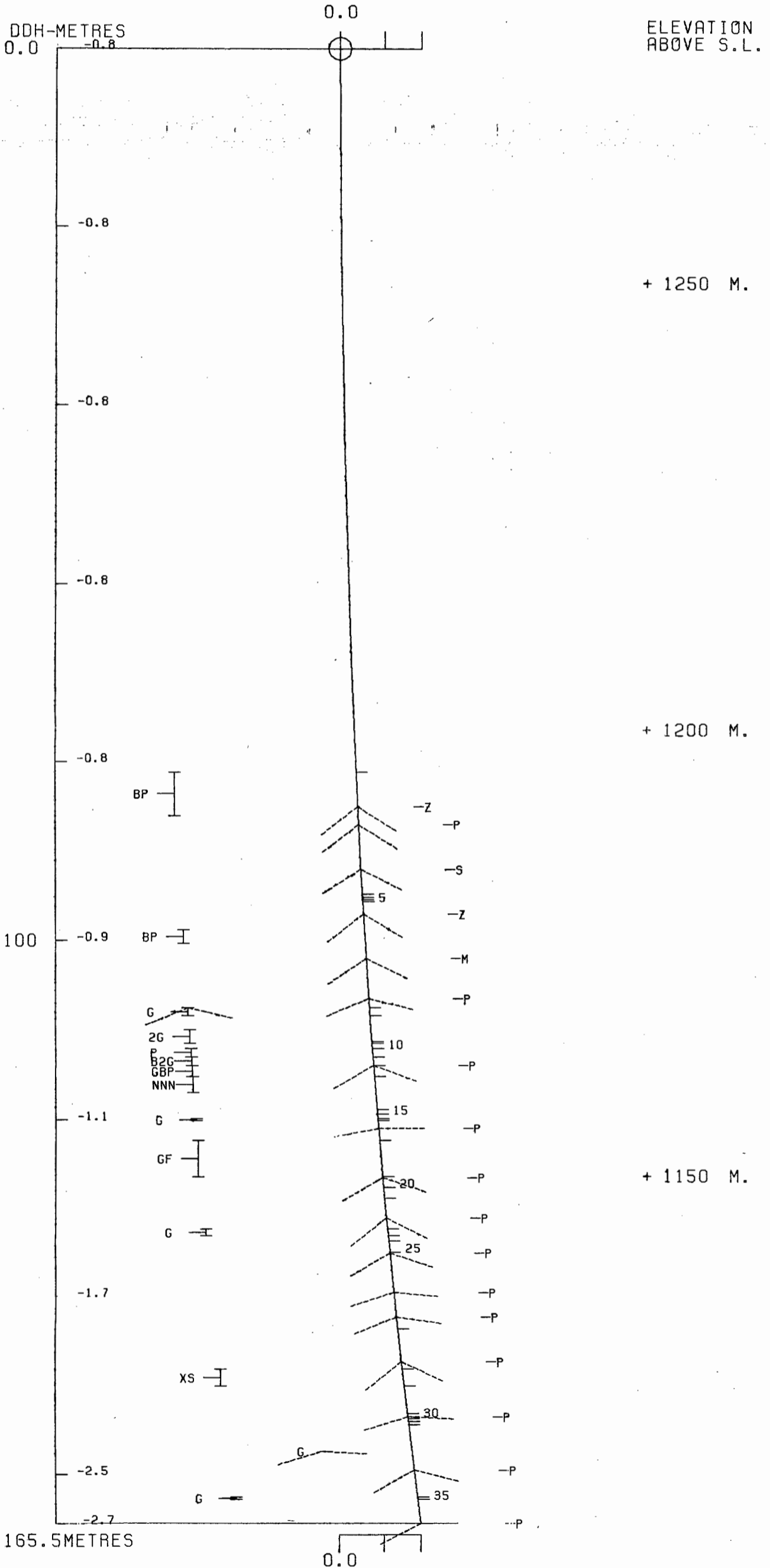
CORRECTED COLLAR POSITION: X = 494.3 Z = 1276.3

SECTION NAME: 60W



DDH: FAGA131 -- 42 DEGREE PROFILE
 (VIEW AZIMUTH = 312 DEGREES)

ELEV:1276 592615E ; 904705N
 PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0
 CORRECTED COLLAR POSITION: X = 494.3 Z = 1276.3
 SECTION NAME: 60W





DRILL HOLE : FAGA217
NORTHING : 904,772.2
EASTING : 592,677.5
ELEVATION : 1,278.0
TOTAL DEPTH : 187.4
SECTION : W 60
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS ORE-SAMPLES: 0
NOS DOWN-H-SURVEYS: 4
NOS DOWN-H-LITHOLOGY: 26
NOS DOWN-H-STRUCTURE: 22
NOS DOWN-H-FAULTS: 9
NOS DOWN-H-SPLINES: 4
NOS COMPOSITES: 0

20MAR84 GRUM

DOWN-HOLE SURVEYS (DHD2C)

PAGE: 52

DDH: FAGA217 UTM-N: 904,772.2 UTM-E: 592,677.5 UTM-ELEV: 1,278.0 TOTAL DEPTH: 187.4 SECTION: W 60
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
93.900	178.000	259.000
121.300	177.500	259.000
182.300	174.000	10.000

DDH: FAGA217 UTM-N: 964,772.2 UTM-E: 592,677.5 UTM-ELEV: 1,278.0 TOTAL DEPTH: 187.4 SECTION: W 60
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DMC CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	INC
90.7	OC01	*		0.5-	1
91.4	OC02	5B62		0.5-	1
93.8	OC03	5B62		0.5-	1
97.2	OC04	5B64	82 (10QC)(5B0?)	0.5-	1
100.3	OC05	5B62	84 (5A6)	0.5-	1
102.1	OC06	5B6	82 (5B62 80)	0.5-	1
106.1	OC07	5A6	89 81 80	0.5-	1
113.5	OC08	5A6	89 81	0.5-	1
117.4	OC09	5A6	80	0.5-	1
118.6	OC10	5A1	80	0.5-	1
121.1	OC11	5B120	88 ? CALCITE IN 383 ??	0.5-	1
122.8	OC12	5A3	89 88 (10QC)	0.5-	1
123.6	OC13	5A0	89	0.5-	1
124.6	OC14	5D0	84 (5A6) [383]	0.5-	1
129.5	OC15	5B86	80 BIO. CALCITE IN 383??	0.5-	1
130.9	OC16	5B8C	(10QC) "	0.5-	1
136.0	OC17	5B8	80 82 "	0.5-	1
136.5	OC18	5B4C	(5B6) "	0.5-	1
140.4	OC19	10QC	(5B61 80) BIO. "	0.5-	1
145.5	OC20	5C3	BIO. [383 BIO.]	0.5-	1
149.4	OC21	3G0	88 MINOR	0.5-	1
151.4	OC22	3G0	88 MINOR (10QC) TR. ANDUL.	0.5-	1
155.8	OC23	3G0	88 MINOR	0.5-	1
157.3	OC24	3G4	83	0.5-	1
186.3	OC25	3G0	88 8BIO. (10QC & ANDUL.)	0.5-	1
187.4	OC26	3G8	RELOG THIS HOLE !!!	0.5-	1

DDH: FAGA217 UTM-N: 904,772.2 UTM-E: 592,677.5 UTM-ELEV: 1,278.0 TOTAL DEPTH: 187.4 SECTION: W 60
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	SO	ANGLE	DIRECT	S1	ANGLE	DIRECT	S2	ANGLE	DIRECT	RFE	CDE	DHCC	SDC	PROCESS
FAGA217	0.C	91.5	PS2	P	G	0	0	0	C	75	230	C			1	1	1	
FAGA217	0.C	95.3	PS2	P	0	0	0	0	C	75	230	C			1	1	1	
FAGA217	0.0	97.6	PS2	P	0	0	0	0	C	65	230	0			1	1	1	
FAGA217	0.C	99.8	PS2	P	G	0	0	0	C	65	230	G			1	1	1	
FAGA217	0.C	103.0	PS2	P	0	0	0	0	C	70	230	C			1	1	1	
FAGA217	0.C	109.1	PS2	P	0	0	0	0	C	60	230	C			1	1	1	
FAGA217	0.C	112.4	PS2	P	0	0	0	0	G	60	230	C			1	1	1	
FAGA217	0.0	114.8	CS2	S	0	C	0	0	C	70	230	C			1	1	1	
FAGA217	0.0	123.7	PS2	P	0	0	0	0	C	65	230	0			1	1	1	
FAGA217	0.0	128.0	PS2	P	0	0	0	0	0	70	230	C			1	1	1	
FAGA217	0.0	136.5	PS2	P	0	0	0	0	0	65	230	C			1	1	1	
FAGA217	0.0	139.7	CS2	3	0	0	0	0	C	65	230	0			1	1	1	
FAGA217	0.C	144.7	PS2	P	0	0	0	0	C	70	230	C			1	1	1	
FAGA217	0.C	147.8	PS2	P	0	0	0	0	0	75	230	C			1	1	1	
FAGA217	0.C	153.9	PS2	P	0	0	0	0	C	70	230	C			1	1	1	
FAGA217	0.C	159.5	PS2	P	0	0	0	0	G	75	230	C			1	1	1	
FAGA217	0.0	167.4	PS2	P	0	0	0	0	G	70	230	0			1	1	1	
FAGA217	0.0	173.7	PS2	P	0	0	0	0	0	70	230	G			1	1	1	
FAGA217	0.C	176.0	PS2	P	G	C	0	0	C	90	230	C			1	1	1	
FAGA217	0.0	180.5	PS2	P	0	0	0	0	0	90	230	C			1	1	1	
FAGA217	0.C	184.4	PS2	P	0	0	0	0	C	90	230	G			1	1	1	
FAGA217	0.C	187.1	PS2	P	0	0	0	0	G	90	230	C			1	1	1	

DDH: FAGA217 UTM-N: 904,772.2 UTM-E: 592,677.5 UTM-ELEV: 1,278.0 TOTAL DEPTH: 187.4 SECTION: W 60
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	REC	CD	PARLL	UPPER PLANE	INTERNAL PLANE	LOWER PLANE	DHD			
FAGA217	90.7	91.4	B				0	0	C	0	0	1	
FAGA217	95.8	96.0	S				0	0	99	999	0	0	1
FAGA217	0.0	114.7	1G				0	0	C	0	0	0	1
FAGA217	115.2	117.0	M		C		0	0	C	0	0	0	1
FAGA217	117.4	118.6	XQ				0	0	C	0	0	0	1
FAGA217	122.8	123.6	G				0	0	C	0	99	999	1
FAGA217	136.0	136.2	S				0	0	C	0	0	0	1
FAGA217	0.0	167.8	1S				0	0	C	0	0	0	1
FAGA217	0.0	173.2	1S				0	0	C	0	0	0	1

20MAR84 GRUM

DOWN-HOLE SPLINES (DHO20)

PAGE: 56

DDH: FAGA217 UTM-N: 904,772.2 UTM-E: 592,677.5 UTM-ELEV: 1,278.0 TOTAL DEPTH: 187.4 SECTION: W 60
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH SEGMENT NOS COND INDICATOR

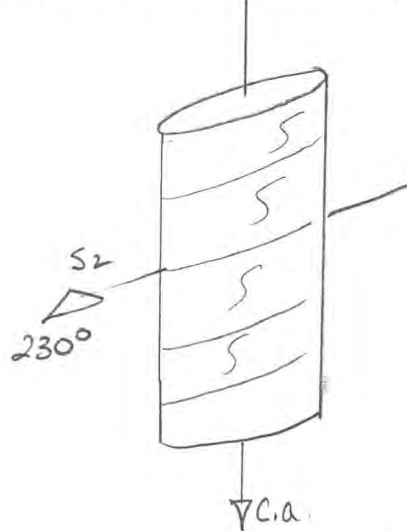
FAGA217	1	2
FAGA217	2	2
FAGA217	3	2
FAGA217	4	1

CYPRUS ANVIL MINING CORPORATION
DIAMOND DRILL CORE LOG

Page 1 of 5
Date: May 20 / 82

Hole Number: FAGA 217 (82-A-217)
Project: Grum 1982 Drill Program
Location: VANGORDA PLATEAU (10SK)
Claim: Champ 7
UTM ~~Temp. Plane~~ Co-ords.: 6904772.214 N
592677.508 E
AMC Mine Survey
Grid Co-ords: 60 West
7 North

Reference Fabric Orientation Diagram:



All symmetry determinations looking

Elevation: 1277.988

NW with S2 dipping

Total Depth: 187.5m (615feet)

SW with dip azimuth 230°.

Purpose: To test presence of sub Doal Lake Detachment upright ore panel.

Reason hole Terminated: No indications of ore at 100' past interpreted interval.

Logged by: RST

Date(s) Logged: May 20/82

Drilling Contractor: Arctic Diamond Drilling

Size	CORE From	To	Collar Cased and Capped:
<u>NQ</u>	<u>89.9m</u>	<u>187.5m</u>	<u>No</u>
_____	_____	_____	_____
_____	_____	_____	_____

Hole Cemented: No

Steel down hole: No

Started: May 16/82 Completed: May 20/82

Lithologic Log

Date: May 23/82 Logged By: RST

Code	From				To				Recov.	No.	Unit	Description
	10	14	16	20	22	24	26	28				
L		00		9,07						1	*	Overburden & casing
L		9,07		9,14						2	5B,6,2	Broken bedrock and overburden
L		9,14		9,38						3	5B,6,2	minor narrow qtz-ank veining near end of unit.
L		9,38		9,72						4	5B,6,4	±2 (OQO) (5B3) Variably though weakly altered SB. with minor calcareous sections 95.8 (1.0m) 96.3 (0.1m).
L		9,72		1,003						5	5B,6,2	±4 (5A6) gradational change between unit 4 & 6 5A6 at 98.6 (0.4m) Minor calcite in veinlets.
L		1,003		1,021						6	5B,6	±2 (5B,6,2 (3)) minor calcite in veinlets 101.7-102.1 more reactive than start of interval.
L		1,021		1,061						7	5A,6	±9 ±3 (OQO, 4A0) Essentially non-calc. with narrow weakly calc. intervals. Thin intermittent bands of SiO ₂ , py. 7 Qtz versus avg < 0.1m over last 2m // Sz. 4A0 [5A19] for 0.1m at 103.7
L		1,061		1,135						8	5A,6	±9 ±1 very minor py
L		1,135		1,174						9	5A,6	±3 Weakly calc., narrow gouge < 0.1m at 114.7m. Mismatch 115.2-117m (0.9m rec).
L		1,174		1,186						10	5A,1	±3 Brecciated & fractured. healed with SiO ₂ & calcite
L		1,186		1,211						11	5B,1,2	3 ±8 Weakly to strongly calc. Calcite introduced with silica healing fractures. Minor chlorite. Lower contact sharp. 75° to c.a.
L		1,211		1,228						12	5A,3	±9 ±8 (OQO) fractured. SiO ₂ healed. Strongly calcareous. Lower contact sheared.
L		1,228		1,236						13	5A,3	±9 Gouge weakly calc. *
L		1,236		1,246						14	5D,3,4	(5A6) 5D3 over 0.5 of upper part of unit.
L		1,246		1,295						15	5B,8,6	±3 Weakly calcareous. First appearance of biotite. Chlorite appearance from here on may be metamorphic effect.
L		1,295		1,309						16	5B,8,3	(OQO) medium to strongly calc Qtz veining over 0.6m in middle of unit.
L		1,309		1,360						17	5B,8	±3 ±2 weakly calcareous.

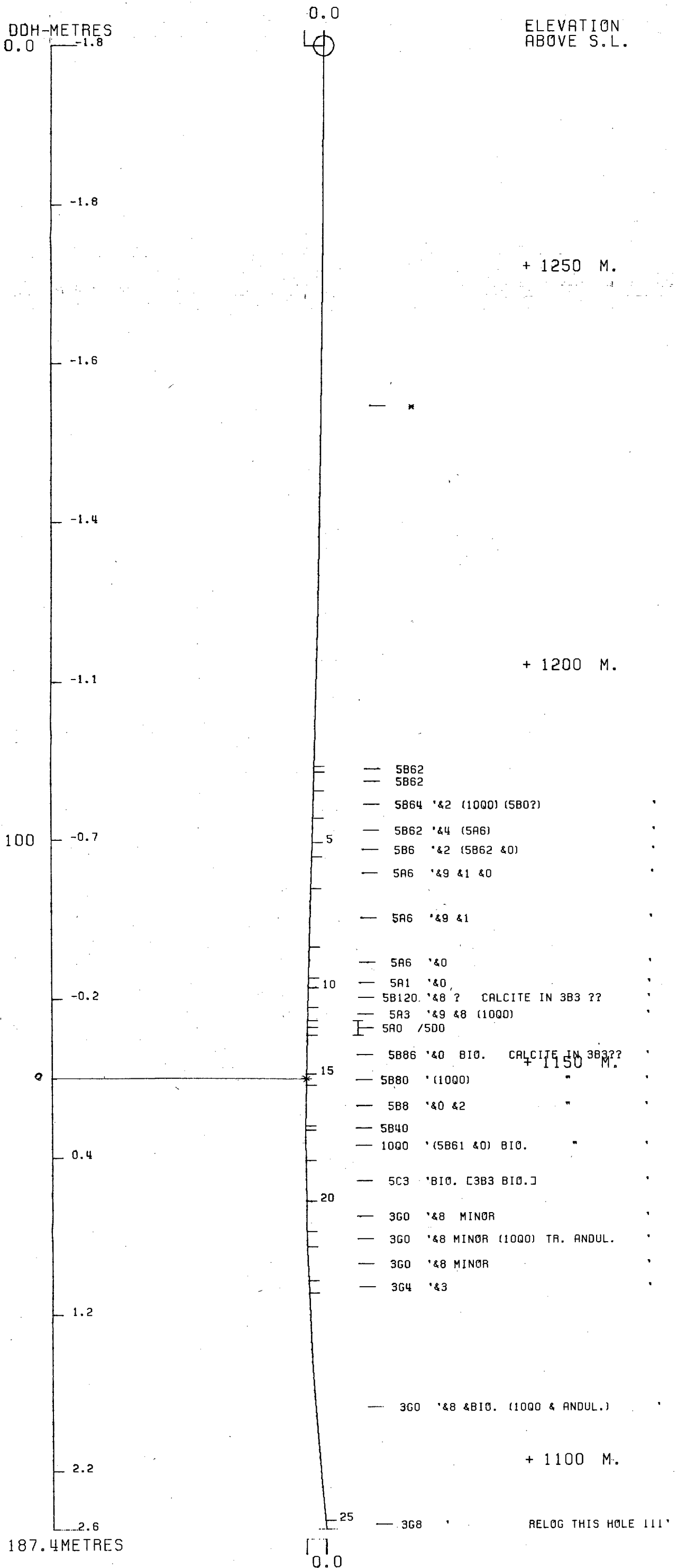
Lithologic Log

Code	From				To				Recov.				No.	Unit	Description
	10	14	16	20	22	24	26	28	30	34	35				
L	1,360		1,365										18	5,843	(5B6) altered and sheared at 60° to ca at start of unit over 0.2m Lower contact sharp // Ca at 65°.
L	1,365		1,404										19	10,00	(5B6/±3) 5B6 @ 138.3-139.3, white bull qtz, biotite developed in 5B6.
L	1,404		1,455										20	5,03	weakly to strongly calcareous Generally more strongly calc over 2 nd 1/2 of unit. biotite developed in bands throughout. Qtz veins at lower contact.
L	1,455		1,494										21	3,90	±8 Monotonous Ps ₂ developed grey non-calc phyllite weak developed chlorite throughout.
L	1,494		1,514										22	3,90	±8 (000) Qtz veins over 0.5m at start and 150-150.8m. End 0.1m at end. andalusite developed in last 0.1m.
L	1,514		1,558										23	3,90	±8 same as unit 22 3,90±8
L	1,558		1,573										24	3,94	±3 (000) calcite in altered first 0.5m which also is gonged at 156.1-156.3 calc is in healed frad.
L	1,573		1,863										25	3,90	±8 (000) Chlorite and biotite developed in bands throughout. Andalusite occasionally assoc. with qtz veins. larger veins 160.2-160.4, 170.5-170.8, 172.0-172.3, 173.7-174.1, 181.3-181.5, 186.1-186.3. narrow shears <0.1m @ 167.8, 172.3.
L	1,863		1,874										26	3,983	Weakly to mod. calc. mostly in fractures.
															End of Hole @ 187.4m

Code	From		To		Feature	SYM	S ₀		S ₁		S ₂		Description
	10	14	16	20			Dip	Direct.	Dip	Direct.	Dip	Direct.	
S				9,15	INDP						75	23,0	
S				9,58	INDP						75		Shear @ 95.8-96.0m //S ₂
S				9,76	INDP						65		
S				9,98	INDP						65		
S				1,030	INDP						70		
S				1,091	INDP						60		
S				1,124	INDP						60		
S				1,148	CS2S						70		
S	1,117			1,233									Zone of fracturing with gauge @ base //S ₂
S				1,237	INDP		65	140			65		Lower cut sub //S ₂
S				1,280	INDP						70		
S				1,365	INDP						65		
S				1,397	CS23						65		pool location in middle of qtz veinj.
S				1,447	INDP						70		
S				1,478	INDP						75		
S				1,539	INDP						70		
S				1,595	INDP						75		
S				1,674	INDP						70		
S				1,737	INDP						70		
S				1,760	INDH								⊥ to ca
S				1,805	INDH								⊥ to ca
S				1,844	INDH								⊥ to ca.
S				1,871	INDH								⊥ to ca.

DDH: FAGA217 -- 42 DEGREE PROFILE
 (VIEW AZIMUTH = 312 DEGREES)

ELEV:1278 592678E ; 904772N
 PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0
 CORRECTED COLLAR POSITION: X = 586.6 Z = 1277.6
 SECTION NAME: 60W



DDH: FAGA217 -- 42 DEGREE PROFILE

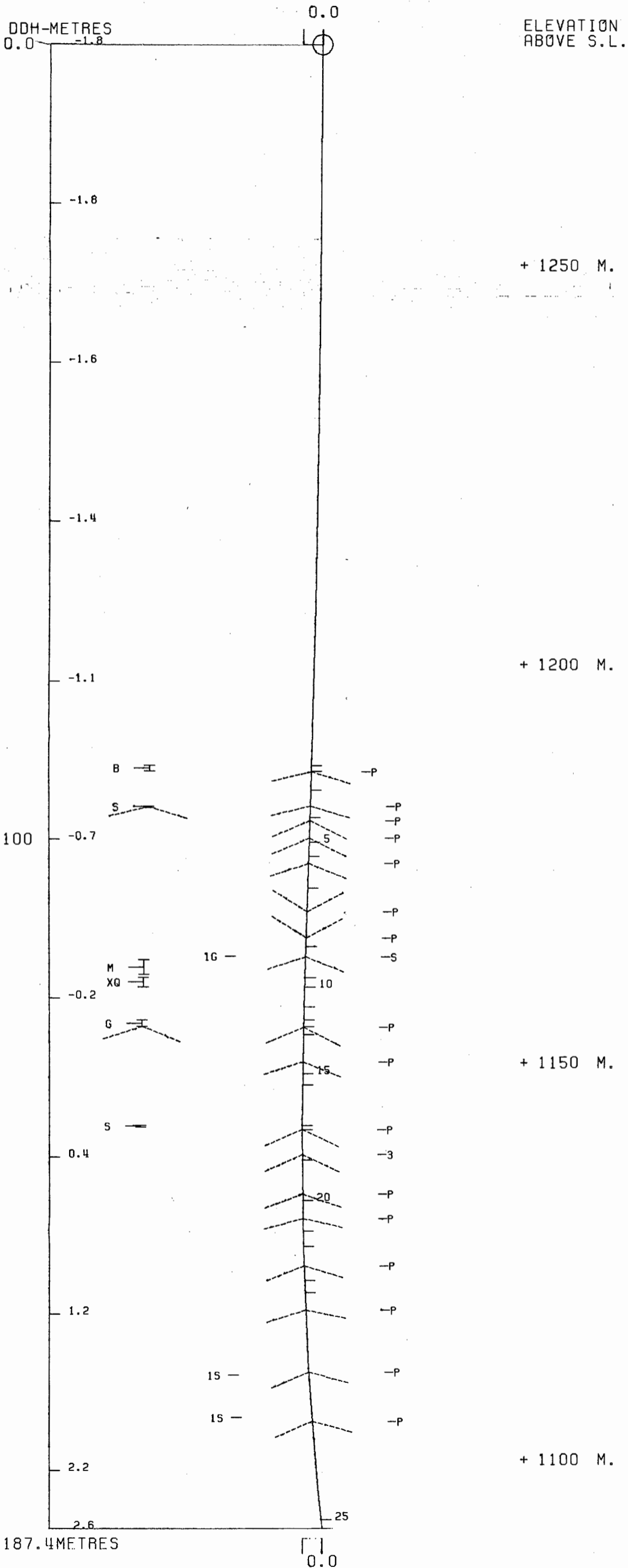
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1278 592678E ; 904772N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 586.6 Z = 1277.6

SECTION NAME: 60W



225

D&H	SAMPLE	---DEPTHS---		INT M	REC %	ROCK UNIT	S.G.	CU %	PB %	ZN %	AG G/MT	AU G/MT	PO %	PY %	BAC %	PB+ZN %	PG+PY %	ZN RATIO
		FROM	TO															
FAGA225	12408	58.2	59.5	1.3	85	4AC		.03	2.11	2.70	36.0					4.81		.56
	12409	59.5	60.8	1.3	10C	4AC		.02	.08	.23	3.0					.31		.74
	12410	60.8	62.0	1.2	83	4A0		.02	.27	.53	5.0					.80		.66
	12411	69.0	69.6	.6	83	4LE	3.55	.01	.12	3.23	4.0	.34	2.50	12.10		3.35	14.60	.96
	12412	69.6	70.7	1.1	82	4E4	4.82	.28	12.50	20.50	184.0	2.13	.85	21.80		33.00	22.65	.62
	12413	70.7	72.0	1.3	69	4G4	4.89	.22	7.11	10.90	148.0	1.37	1.66	23.30		18.01	24.96	.61
	12414	72.0	73.3	1.3	85	4G4	4.81	.18	6.03	9.00	114.0	1.65	.69	19.50		15.03	20.19	.60
	12415	73.3	74.0	.7	86	4E4	4.92	.17	4.67	9.10	73.0	2.19	21.70	1.93		13.77	23.63	.66
	12416	74.5	75.0	.5	100	4C0		.09	1.05	1.62	16.0					2.67		.61
	12417	93.3	94.5	1.2	92	4AC		.03	.34	.62	7.0					.96		.65
	12419	96.1	96.7	.6	100	4A0		.04	.02	.06	4.0					.08		.75
	12420	103.6	104.2	.6	100	4A1		.06	.04	.07	4.0					.11		.64
	12421	104.6	105.1	.5	100	4A1		.06	.13	.56	6.0					.69		.81
	12422	105.1	106.6	1.5	93	4L1		.03	.03	.07	4.0					.10		.70
	12423	107.5	108.1	.6	100	4LC		.09	.19	.67	7.0					.86		.78
	12424	133.5	133.8	.3	100	4H14		.06	3.28	11.10	56.0					14.38		.77
	12425	141.3	142.7	1.4	100	4D7		.20	2.88	5.00	38.0					7.88		.63
	12498	142.7	144.1	1.4	100	4C7	4.16					.34	12.30	8.00			20.30	
	12499	144.1	145.4	1.3	100	4C7		.22	.42	.32	10.0					.74		.43
	12500	146.0	147.7	1.7	100	4D7	4.17	.23	2.80	2.54	38.0	.27	13.80	11.20		5.34	25.00	.48
	12621	147.7	148.5	.8	100	4C7	3.78	.17	1.74	1.89	25.0	.14	11.70	9.13		3.63	20.83	.52
	12622	148.5	149.1	.6	83	4D4*	3.89	.37	2.31	2.52	31.0	.14	11.10	9.84		4.83	20.94	.52
	12623	149.1	150.1	1.0	90	4E47	4.43	.28	5.25	6.20	62.0	.21	15.50	14.30		11.45	29.80	.54
	12624	150.1	151.1	1.0	100	4C*	3.44	.19	1.32	.95	18.0	.07	7.95	5.75		2.27	13.70	.42
	12625	151.1	152.8	1.7	88	4L35		.12	.58	.62	9.0					1.20		.52
	12407	155.0	156.4	1.4	100	4E41		.17	6.23	8.26	67.0					14.49		.57
	12627	156.7	157.1	.4	100	4E42		.14	2.10	2.97	28.0					5.07		.59

DRILL HOLE : FAGA225
NORTHING : 904,637.2
EASTING : 592,553.5
ELEVATION : 1,270.3
TOTAL DEPTH : 217.9
SECTION : W 60
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS ORE-SAMPLES: 27
NOS DOWN-H-SURVEYS: 4
NOS DOWN-H-LITHOLOGY: 68
NOS DOWN-H-STRUCTURE: 39
NOS DOWN-H-FAULTS: 27
NOS DOWN-H-SPLINES: 4
NOS COMPOSITES: 0

20MAR84 GRUM

DOWN-HOLE SURVEYS (DHO2C)

PAGE: 60

DCH: FAGA225 UTM-N: 904,637.2 UTM-E: 592,553.5 UTM-ELEV: 1,270.3 TOTAL DEPTH: 217.9 SECTION: W 60
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	130.000	0.000
90.800	175.500	88.000
151.800	173.000	93.000
212.700	171.000	57.000

DDH: FAGA225 UTM-N: 904,637.2 UTM-E: 592,553.5 UTM-ELEV: 1,270.3 TOTAL DEPTH: 217.9 SECTION: W 60
 RFE: S2 RFE DIR: 230 FLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	INC
55.2	0001	*		0.5-	1
58.2	0002	5A19	->4A	0.5-	1
62.0	0003	4AC	(4H0)(10Q0)	0.5-	1
62.9	0004	10QC		0.5-	1
66.2	0005	4A1	PHYLLITIC	0.5-	1
68.0	0006	4AE	?	0.5-	1
69.6	0007	5C4*	MOTT. (5D4*)(4E*)	0.5-	1
70.7	0008	4E4		0.5-	1
73.3	0009	4G4	8 POROUS	0.5-	1
74.0	0010	4EC	(4G4)(4A3)(5C4*)	0.5-	1
74.5	0011	5A19	(5A0)(10Q0)(4C)	0.5-	1
75.0	0012	4C0	SER. (4A) 95:05	0.5-	1
76.4	0013	5A1	8C?	0.5-	1
86.9	0014	5B3?	[3B3]	0.5-	1
88.8	0015	5B6	(5B3[3B3])	0.5-	1
92.2	0016	5B62	8C	0.5-	1
93.3	0017	5B621		0.5-	1
95.7	0018	4A0	(4A4)[5A19]	0.5-	1
96.1	0019	10Q*		0.5-	1
96.7	0020	4AC		0.5-	1
101.6	0021	4LC	-> 5B64	0.5-	1
103.6	0022	4L1	83 85 MINOR	0.5-	1
104.2	0023	4A1		0.5-	1
104.6	0024	4L1		0.5-	1
105.1	0025	4A1	84	0.5-	1
106.6	0026	4L1	(4A1)[4L ON 4A?]	0.5-	1
107.5	0027	5A19	[4A0]	0.5-	1
108.1	0028	4LC	(4C37)(4A0)	0.5-	1
109.8	0029	5B62		0.5-	1
115.0	0030	5B621	83	0.5-	1
118.6	0031	5B32		0.5-	1
124.7	0032	5B3	82	0.5-	1
128.0	0033	5B6	80?	0.5-	1
129.7	0034	5B64	(4L1)	0.5-	1
130.6	0035	5B6		0.5-	1
132.8	0036	5B6	(5B64)(10Q0)	0.5-	1
133.5	0037	4L14	(4L0)	0.5-	1
133.8	0038	4H4		0.5-	1
135.2	0039	4LC		0.5-	1
139.2	0040	5B64	[4L0]	0.5-	1
141.3	0041	4LC	(10Q0)	0.5-	1
142.7	0042	4D73	(4H0)(4L1) 5C:10:40	0.5-	1
145.4	0043	4C73	(4L1)[4C7 SER.]	0.5-	1
146.0	0044	4LC	83	0.5-	1
147.7	0045	4D73		0.5-	1
148.5	0046	4C73	(4L0)	0.5-	1
149.1	0047	4D43*	BX	0.5-	1
150.1	0048	4E47	8* (4H0)(10Q0)	0.5-	1
151.1	0049	4C3*	SER.	0.5-	1
152.8	0050	4L35	84	0.5-	1
155.0	0051	10QC	(4L31 84) 70:30	0.5-	1

20MAR84 GRUM

DOWN-HOLE LITHOLOGY (DH020)

PAGE: 62

DDH: FAGA225 UTM-N: 904,637.2 UTM-E: 592,553.5 UTM-ELEV: 1,270.3 TOTAL DEPTH: 217.9 SECTION: W 60
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
156.4	0052	4E41	8a	0.5-	1
156.7	0053	4L1		0.5-	1
157.1	0054	4E4a		0.5-	1
160.9	0055	5B6	(5A3)	0.5-	1
161.9	0056	5A3		0.5-	1
180.2	0057	5A6	81	0.5-	1
185.7	0058	5A9		0.5-	1
189.0	0059	3G8	89 CHL. AFTER BIO.	0.5-	1
191.6	0060	3G8		0.5-	1
197.2	0061	3G8	-> 108 BIO. ANDUL.	0.5-	1
200.1	0062	3G4	-> 104	0.5-	1
202.9	0063	1C0	(3D08)(10Q0)	0.5-	1
206.8	0064	3FC	(3D08)	0.5-	1
208.8	0065	3D08	(3F0) [3C3?]	0.5-	1
211.5	0066	3FC	(3D08) MINOR	0.5-	1
217.1	0067	1CD	STEUR. ANDUL. GARNET	0.5-	1
217.9	0068	3D08	(10Q0)(1CD)	0.5-	1

DDH: FAGA225 UTM-N: 9C4,637.2 UTM-E: 592,553.5 UTM-ELEV: 1,270.3 TOTAL DEPTH: 217.9 SECTION: W 60
 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
FAGA225	0.0	55.4	CS2	3	0	0	0	G	70	230	C		1	1	1
FAGA225	0.0	58.2	CS2	M	0	0	0	C	75	230	C		1	1	1
FAGA225	0.0	60.5	CS2	M	0	0	0	C	70	230	C		1	1	1
FAGA225	0.0	61.6	CS2	M	0	0	0	C	70	230	0		1	1	1
FAGA225	0.0	66.0	CS2	S	0	0	0	G	60	230	0		1	1	1
FAGA225	0.0	70.8	PS2	P	0	0	0	C	60	230	C		1	1	1
FAGA225	0.0	72.6	PS2	P	0	0	0	G	35	230	C		1	1	1
FAGA225	0.0	77.5	CS2	S	0	0	0	0	50	230	C		1	1	1
FAGA225	0.0	80.0	CS2		0	0	0	G	65	230	C		1	1	1
FAGA225	79.2	81.0	CS2	E	0	0	0	0	0	0	C		1	1	1
FAGA225	0.0	85.0	CS2		0	0	0	G	65	230	0		1	1	1
FAGA225	81.0	91.0	CS2	S	0	0	0	C	0	0	0		1	1	1
FAGA225	0.0	92.0	CS2		0	0	0	0	65	230	C		1	1	1
FAGA225	91.0	93.0	CS2	Z	0	0	0	G	0	0	C		1	1	1
FAGA225	0.0	94.5	PS2	F	0	0	0	G	60	230	C		1	1	1
FAGA225	0.0	96.3	CS2	M	0	0	0	G	75	230	C		1	1	1
FAGA225	0.0	100.0	CS2		0	0	0	G	65	230	0		1	1	1
FAGA225	97.0	103.6	CS2	M	0	0	0	C	0	0	C		1	1	1
FAGA225	0.0	110.0	CS2		0	0	0	G	70	230	C		1	1	1
FAGA225	108.2	119.5	CS2	S	0	0	0	C	0	0	C		1	1	1
FAGA225	0.0	120.0	CS2	M	0	0	0	C	70	230	C		1	1	1
FAGA225	0.0	125.0	CS2		0	0	0	G	65	230	0		1	1	1
FAGA225	121.3	128.0	CS2	E	0	0	0	G	0	0	0		1	1	1
FAGA225	0.0	130.5	CS2	S	0	0	0	C	65	230	C		1	1	1
FAGA225	0.0	132.9	CS2	M	0	0	0	G	65	230	0		1	1	1
FAGA225	0.0	135.0	CS2		0	0	0	G	60	230	C		1	1	1
FAGA225	133.4	136.9	CS2	Z	0	0	0	G	0	0	G		1	1	1
FAGA225	0.0	143.0	CS2		0	0	0	G	70	230	C		1	1	1
FAGA225	142.0	144.0	CS2	E	0	0	0	0	0	0	0		1	1	1
FAGA225	0.0	150.4	PS2	P	0	0	0	C	60	230	0		1	1	1
FAGA225	0.0	166.5	CS2	S	0	0	0	C	65	230	C		1	1	1
FAGA225	0.0	168.8	PS2	P	0	0	0	G	50	230	0		1	1	1
FAGA225	0.0	175.4	PS2	P	0	0	0	0	60	230	0		1	1	1
FAGA225	0.0	178.9	PS2	P	0	0	0	C	70	230	0		1	1	1
FAGA225	0.0	192.3	PS2	P	0	0	0	G	60	230	0		1	1	1
FAGA225	0.0	195.0	PS2	P	0	0	0	C	70	230	C		1	1	1
FAGA225	0.0	201.9	PS2	P	0	0	0	C	65	230	0		1	1	1
FAGA225	0.0	205.6	PS2	P	0	0	0	C	50	230	0		1	1	1
FAGA225	0.0	215.8	PS2	P	0	0	0	G	65	230	0		1	1	1

DDH: FAGA225 UTM-N: 904,637.2 UTM-E: 592,553.5 UTM-ELEV: 1,270.3 TOTAL DEPTH: 217.9 SECTION: W 60
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	REC	CD	PARLL	UPPER PLANE	INTERNAL PLANE	LOWER PLANE	D/D			
FAGA225	0.0	57.4	S				0	0	G	C	0	0	1
FAGA225	0.0	63.2	B				0	0	C	C	0	0	1
FAGA225	66.2	68.0	M				0	0	G	G	0	0	1
FAGA225	0.0	69.6	S				C	0	C	C	0	0	1
FAGA225	71.0	71.5	XF				1C	90	G	C	0	0	1
FAGA225	74.0	75.0	S				0	0	G	C	0	0	1
FAGA225	0.0	89.2	1S				0	0	C	C	0	0	1
FAGA225	0.0	92.8	1S				C	0	C	0	0	0	1
FAGA225	0.0	106.6	1S				0	0	G	C	0	0	1
FAGA225	107.5	108.1	S				C	0	G	C	0	0	1
FAGA225	0.0	112.7	S				0	0	C	G	0	0	1
FAGA225	118.6	124.7	3B				0	0	C	C	0	0	1
FAGA225	129.7	130.6	S				0	0	99	999	0	0	1
FAGA225	0.0	132.8	1G				0	0	C	0	0	0	1
FAGA225	139.7	140.1	XG				0	0	0	C	0	0	1
FAGA225	0.0	141.3	S				0	0	0	C	0	0	1
FAGA225	145.4	146.0	1S				0	0	99	999	0	0	1
FAGA225	148.5	149.1	X?				0	0	C	0	0	0	1
FAGA225	151.1	152.8	GB				0	0	99	999	0	0	1
FAGA225	156.7	157.1	XD?				0	0	0	0	0	0	1
FAGA225	160.9	161.9	SG				0	0	0	C	0	0	1
FAGA225	0.0	162.9	S				0	0	0	C	0	0	1
FAGA225	0.0	168.9	S				15	350	C	G	0	0	1
FAGA225	0.0	170.5	S				0	0	C	0	0	0	1
FAGA225	0.0	175.4	S				25	0	C	C	0	0	1
FAGA225	180.2	185.7	SF				0	0	0	C	0	0	1
FAGA225	0.0	198.7	G				0	0	0	0	0	0	1

20MAR84 GRUM

DOWN-HOLE SPLINES (DHO20)

PAGE: 65

DDH: FAGA225 UTM-N: 904,637.2 UTM-E: 592,553.5 UTM-ELEV: 1,270.3 TOTAL DEPTH: 217.9 SECTION: W 60
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DOH SEGMENT NOS COND INDICATOR

FAGA225	1	2
FAGA225	2	2
FAGA225	3	2
FAGA225	4	1

**THIS REPORT WAS REQUESTED BY: LEEP .GEOLOGY AT: 13:23:56

CYPRUS ANVIL MINING CORPORATION
DIAMOND DRILL CORE LOG

Page 1 of 10
Date: June 15/82

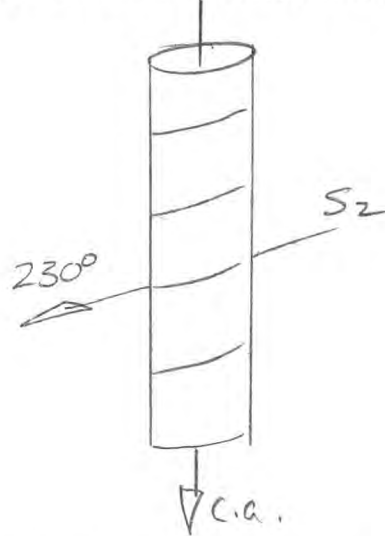
Hole Number: FAGA 225 (82A225)

Reference Fabric Orientation Diagram:

Project: 1982 GRUM DRILL PROGRAM

Location: VANGORDA PLATEAU

Claim: Grum #4



~~Terr. Plane~~
Co-ords.: 6904637.222 N

592553.543 E

Grid Co-ords: 60 W

1 N

All symmetry determinations looking

Elevation: 1270.292 m

NW with S2 dipping

Total Depth: 217.9 m (715 feet)

SW with dip azimuth 230°.

Purpose: To test for 2. ORE presence in F2 Anticlinal Synform.

Reason hole Terminated: Below 3D3/IF unit into 3G/IC seen in all 1982 hole strat

Logged by: PST

Date(s) Logged: June 13-15/82

Drilling Contractor: Archie Diamond Drilling Ltd

Size	CORE From	To	Collar Cased and Capped: <u>No</u>
<u>NQ</u>	<u>55.2</u>	<u>217.9</u>	

Hole Cemented: No

Steel down hole: No

Started: June 5/82 Completed: June 8/82

NTS
AMC
Mine
Survey

Lithologic Log

Date: 13 June/82 Logged By: R.S. Talbot

Code	From			To			Recov.	No.			Unit	Description
	10	14	16	20	22	24		26	28	30		
L		00		55	2				1	*		Overburden & casing
L		55	2	58	2				2	AA1		(SA19) No grade. Shear @ 57.4 (0.4m)
L		58	2	62	0				3	AA0		(4H0, 0Q0) 4H0 bands @ 58.4 (0.2m), 61.0m (0.1m) Qtz vein @ 61.0 (0.3m).
L		62	0	62	9				4	0Q0		45° to c.a.
L		62	9	66	2				5	AA1		phyllitic no grade. Broken core @ 63.2 (0.1m) and encl (driller, gas probably latter)
L		66	2	68	0				6	AAE		? Mismatch
L		68	0	69	6				7	SCA, X		with (SD4X, 4EX) SD4X @ 688-69.2 4EX @ 69.2 (0.1m) sheared lower contact.
L		69	6	70	7				8	AE4		
L		70	7	73	3				9	AG4		Porous bands over 0.3m @ start. box & fractured // to cat to 71.0 - 71.5
L		73	3	74	0				10	AE0		(AG4, AA3, SCA) 0.05m felsitic SC @ upper contact. AE0 to 74.0 // AA3 to 74.1 // AG4 to end of unit. Qtz vein 0.05m // S2 lower contact.
L		74	0	74	5				11	SA1, 9		(SA3, 0Q0, 4C) All in sheared zone AA over 0.5m @ start. 4C @ 74.4m (0.1m) Qtz as vein < 1cm in shear
L		74	5	75	0				12	AC0		senescent (SA) in shear zone. 95% 4C.
L		75	0	76	4				13	SA1		±3 sheared strongly calcareous in veins.
L		76	4	86	9				14	SB3		strongly calcareous Miner Qtz veins // S2 top of unit.
L		86	9	88	8				15	SB6		(SB3) Miner SB3 strongly calc bands 20% unit
L		88	8	92	2				16	SB6, 2		±3 @ 89.2 (0.1m) minor shear
L		92	2	93	3				17	SB6, 2		1 shear 92.8 (0.1m) carb veins
L		93	3	95	7				18	AA0		(AA) [SA19] 0.1m AA @ start of unit + SA19
L		95	7	96	1				19	0Q*		
L		96	1	96	7				20	AA0		
L		96	7	101	6				21	AL0		± (SB64) Miner bands less altered
L		101	6	103	6				22	AL1		±3 weakly calcareous
L		103	6	104	2				23	AA1, 3		20% py
L		104	2	104	6				24	AL1		
L		104	6	105	1				25	AA1		±4
L		105	1	106	6				26	AL1		(AA1) AA1 @ 105.5-105.7. The AL1 appears as though AA was probable.

Code	From				To				Recov.	No.	Unit	Description
	10	14	16	20	22	24	26	28				
L	1,066		1,075							27	A.A.O.	5A19 Nograd sheared upper & lower contact
L	1,075		1,081								A.L.O.	(40, 37, 4A0) 11 in shear zone Ac over last 0.2 m.
L	1,081		1,098							28	5.B.62	Banded carbonaceous minor calcite
L	1,098		1,150							29	5.B.62	1±3 weakly to strongly calcareous, sheared at 112.7 (0.2m)
L	1,150		1,186							30	5.B.32	strongly calc. 116.6 drillings? (0.1m)
L	1,186		1,247							31	5.B.3	±2 carbonate partings widely spaced than previous unit. Broken core 90° 121.2 to end of unit fractured // to ca with Qtz carb vein also // to ca.
L	1,247		1,280							32	5.B.6	±3 weakly cal SC bands @ 125.3 over 0.3m avg < 1cm.
L	1,280		1,297							33	5.B.6A	(4L1) first 1/2m 4L1
L	1,297		1,306							34	5.B.6	shear zone sub // S2
L	1,306		1,328							35	5.B.6	(5B64, 0Q0) 0Q0 132.1 (0.1m) 0.1m gneiss at end of unit.
L	1,328		1,335							36	4.L.1.4	(4L0) minor sphalerite < 2.00% Zn
L	1,335		1,338							37	4.H.0	
L	1,338		1,352							38	4.L.0	
L	1,352		1,392							39	5.B.6A	[4L0]
L	1,392		1,413							40	4.L.0	(0Q0) Qtz vein over last metre upper part of unit sheared. Bx @ gage 139.7-140.1 ; sheared 4L0 @ lower contact.
L	1,413		1,427							41	A.C.7	(4H0, 4L1) 40% of unit 4L1, 4H 142.3(0.1) 142.6 (0.1)
L	1,427		1,454							42	A.C.7	with narrow 4L1 partings upper metre appears as though fold hinge
L	1,454		1,460							43	A.L.O.	±3 weakly sheared // ca.
L	1,460		1,477							44	A.D.7	fractured // ca. bx over last 0.2m. CO ₂ weakly developed in fractures.
L	1,477		1,485							45	A.C.7	(4L0) fractures sub // ca. 4L0 over last 0.2m. with quartz vein at contact.
L	1,485		1,491							46	A.D.A.X	Bx ankerite as bx. filling 10% of unit
L	1,491		1,501							47	A.E.A.7	±* (4H0, 0Q0) fracturing 30° to c.a. 4H0 over last 0.1m with minor Qtz vein. CO ₂ in fractures & bx.

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	1506	1511		48	A.C.X	sev. (000, 4L0) Qtz veining brtd over 1 st 0.2m sheared with 4L0 in middle 0.1m. sheared lower contact
L	1511	1528		49	A.L.35	±4 sheared gauged & broken - core sub//c.a.
L	1528	1550		50	0.00	(4L31±4) 70% Qtz veining in middle of unit 4L over 1 st 0.3m & last 0.5m.
L	1550	1564		51	A.E.41	±x minor ank. sil ₂ as clots <1cm fracturing sub// to & 30° to c.a. lower contact at high 50 angle
L	1564	1567		52	A.L.1	
L	1567	1571		53	A.E.4	* bx sulphide bx minor ank.
L	1571	1609		54	S.B.6	(5A3) shear zone of gneiss quite mixed
L	1609	1619		55	S.A.3	strong calc as in 5A3 above
L	1619	1802		56	S.A.6.2	±1 shear 162.9 <0.1m, shear with CO ₂ veining 115.2 168.9, 170.5 (0.1m) veining & narrow shears with strong slickes developing towards foot wall of unit veining at 30° to c.a. possible tensional stress
L	1802	1857		57	S.A.39	2 Shear zone 40% shearing strong slickes CO ₂ essentially in veinlets as is pyrite Make Believe fault.
L	1857	1890		58	3.G.8	±9 (000) CO ₂ in veinlets shears 30° 30° to c.a. chlorite prob. retrograded biotite.
L	1890	1916		59	3.G.8	chlorite " " "
						Qtz veining developed in last two units 58, 59 seen in other holes close to M.B.F.
L	1916	1972		60	3.G.8	⇒ ID with biotite and andalusite developed. CO ₂ in veining. Minor Qtz veining with chlorite rims
L	1972	2001		61	3.G.4	⇒ ICA light colored muscovite rich CO ₂ rich gneiss 198.7 (0.3m)
L	2001	2029		62	1.C.0	(3D8, 000) 3D8 over 0.3m at start 000 over 202.4 - 202.9
L	2029	2068		63	3.F.0	(3D8) strongly calcareous 3D8 over 1 st 0.3m and minor parts throughout.



Structural Log

Code	From				To				Feature	SYN	S ₀		S ₁		S ₂		Description
	10	14	16	20	22	24	26	28			Dip	Direct.	Dip	Direct.	Dip	Direct.	
S				55	A	CS, Z	3							70	23p		
S				58	Z	CS, Z	M							75			
S				60	S	CS, Z	M							70			
S				61	6	CS, Z	M							70			
S				66	0	CS, Z	S							60			
S				70	8	INDR		10	90					60			S ₀ = Fracture will be developed.
S				72	6	INDR								35			
S				74	5												Shear 45° to c.a.
S				77	5	CS, Z	S							50			
S	79	2		81	0	CS, Z	E							65			
S	81	0		91		CS, Z	S							65			
S	91	0		93	0	CS, Z	Z							65			
S				94	5	INDP		35	330					60			S ₀ = S _u post D ₂
S				96	3	CS, Z	M							75			
S	97	0		103	6	CS, Z	M							65			
S				107	7												Shear 45° ca.
S	108	2		119	5	CS, Z	S							70			
S				120	0	CS, Z	M							70			
S	121	3		128	0	CS, Z	E	10	180					65			S ₀ = fracture
S				130	5	CS, Z	S							65			
S				132	9	CS, Z	M							65			
S	133	4		136	9	CS, Z	Z							60			
S	142	0		144	0	CS, Z	E							70			S ₁ compositional band in ore in fold hinge →
S				150	4	INDR								60			
S				156	7												Bx 45° to c.a.
S	156	7		160	9												Shear zone. weak ginge development lower contact 65° ca.
S				162	1	CS, Z	S							60			
S				166	5	CS, Z	S							65			
S				168	8	INDP		15	350					50			S ₀ = frac.
S				175	4	INDP		25	000					60			S ₀ = shear.
S				178	9	INDP								70			slicks @ 330° to ca.
S	181	3		185	6												SA sheared upper cut 45° to ca lateral movement apparent from slicks.

DDH FAGA225
2 8

Cyprus Anvil Mining Corp.

Page _____ of _____

Structural Log

Date: _____ Logged By: _____

Code	From		To		Feature	Sym	S ₀		S ₁		S ₂		Description
	10	14	16	20			22	24	26	28	32	34	
F				1574	S								
F				1632	B								
F		1662		1680	M								
F				1696	S								
F		1710		1715	XF		10	090					
F		1740		1750	S								45° to CA
F				1892	S								
F				1928	S								
F				11066	S								
F		11075		11081	S								45° to CA
F				11127	S								
F		11186		11247	3B								
F		11297		11306	S				99	999			
F				11328	S								
F		11397		11401	XG								
F				11413	S								
F		11454		11460	S				99	999			
F		11485		11491	X?								
F		11511		11528	GB				99	999			
F		11567		11571	XD?								45° to CA at U.C.
F		11609		11619	SG								
F				11629	S								
F				11689	S		15	350					
F				11705	S								
F		11802		11857	SF								U.C. = 45° to CA slicks rocks shallow
F				11987	G								
C				11754	S		25	000					

change interval
 to 157.1 - 160.9
 LCP Nov/84

ASSAY LOG (SAMPLER'S COPY)

Date June 14/82

Sampled by _____

CODE	FROM		TO		SAMPLE		INTR.		REC (m)		UNIT		DESCRIPTION
	10	14	16	20	22	26	28	30	32	34	36	40	
P	5.8	2	5.9	5	12408		13		11		4A0		(4H0,0Q0)
P	5.9	5	6.0	8	12409		13		13		4A0		(4H0,0Q0)
P	6.0	8	6.2	0	12410		12		10		4A0		(4H0,0Q0)
P	6.9	0	6.9	6	12411		06		05		5CA*		with 4EX
P	6.9	6	7.0	7	12412		11		09		4EA		
P	7.0	7	7.2	0	12413		13		09		AGA		
P	7.2	0	7.3	3	12414		13		11		AGA		
P	7.3	3	7.4	0	12415		07		06		4E0		(AG4, 4A3, 5C3)
P	7.4	5	7.5	0	12416		05		05		4C0		sev. (5A)
P	9.3	3	9.4	5	12417		12		11		4A0		(5A19) Narrow band 4A4 at top.
	9.4	5	9.5	7	12418		12				4A0		(5A19) Do not split
P	9.6	1	9.6	7	12419		06		06		4A0		
P	10.3	6	10.4	2	12420		06		06		4A13		
P	10.4	6	10.5	1	12421		05		05		4A1		±4
P	10.5	1	10.6	6	12422		15		14		4L1		(4A1)
P	10.7	5	10.8	1	12423		06		06		4L0		(4C37, 4A0)
P	11.3	5	11.3	8	12424		03		03		4H0		
P	11.4	1	11.4	7	12425		14		14		4C7		(4H0, 4L1)
P	11.4	7	11.4	1	12498		14		14		4C7		
P	11.4	1	11.4	5	12499		13		12		4C7		
P	11.4	6	11.4	7	12500		17		17		4D7		
P	11.4	7	11.4	8	12621		08		08		4C7		(4L0)
P	11.4	8	11.4	9	12622		06		05		4DA*		Bx
P	11.4	9	11.5	0	12623		10		09		4EA7		±* (4H0, 0Q0)
P	11.5	0	11.5	1	12624		10		10		4CX		sev. (0Q0, 4L0)
P	11.5	1	11.5	2	12625		17		15		4L3S		±4
P	11.5	5	11.5	6	12407		14		14		4EA1		±* duplicate tag #12626 should have been destroyed by now.

DDH: FAGA225 -- 42 DEGREE PROFILE

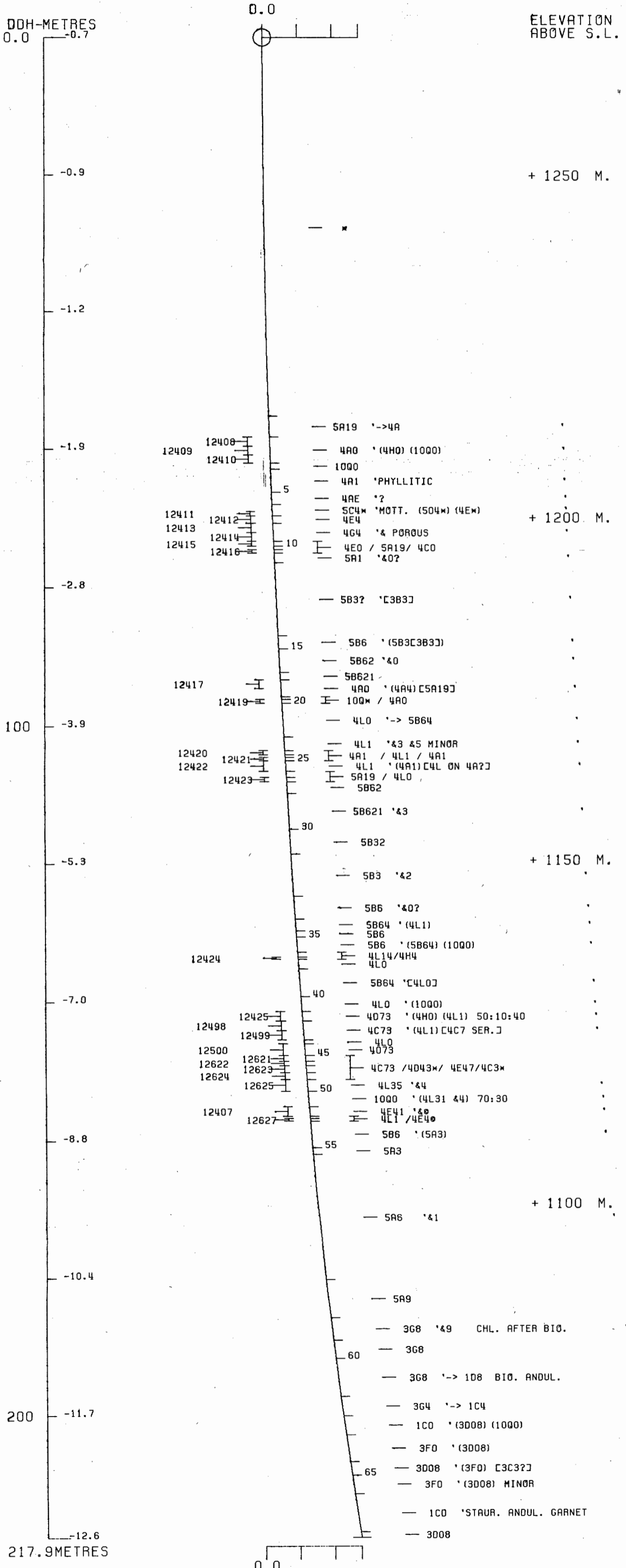
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1270 592554E ; 904637N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 403.3 Z = 1270.2

SECTION NAME: 60W



DDH: FAGA225 -- 42 DEGREE PROFILE

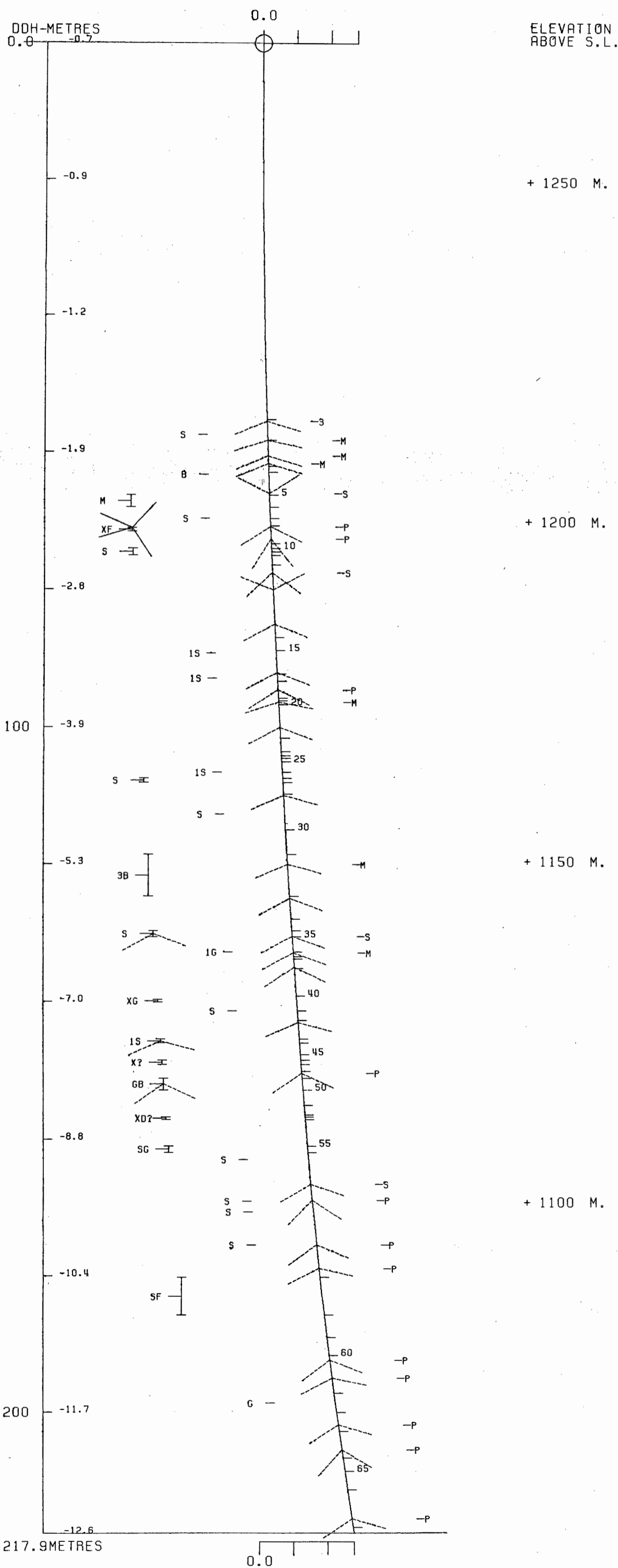
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1270 592554E ; 904637N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 403.3 Z = 1270.2

SECTION NAME: 60W



FRA 64 DL 4

W60

DRILL HOLE : FAGADL4
NORTHING : 904,474.8
EASTING : 592,423.4
ELEVATION : 1,259.6
TOTAL DEPTH : 61.6
SECTION : W 60
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 0

DETAIL RECORD COUNTS:

NOS CRE-SAMPLES: 0
NOS DOWN-H-SURVEYS: 1
NOS DOWN-H-LITHOLOGY: 1
NOS DOWN-H-STRUCTURE: 0
NOS DOWN-H-FAULTS: 0
NOS DOWN-H-SPLINES: 1
NOS COMPOSITES: 0

08FEB84 GRUM

DOWN-HOLE SURVEYS (DHO20)

PAGE: 2

DDH: FAGADL4 UTM-N: 904,474.8 UTM-E: 592,423.4 UTM-ELEV: 1,259.6 TOTAL DEPTH: 61.6 SECTION: W 60
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHO CALC: 1 SS CALC: 0

DEPTH ZENITH AZIMUTH

0.000 180.000 0.000

08FEB84 GRUM

DOWN-HOLE LITHOLOGY (DH020)

PAGE: 3

DDH: FAGADL4 UTM-N: 904,474.8 UTM-E: 592,423.4 UTM-ELEV: 1,259.6 TOTAL DEPTH: 61.6 SECTION: W 60
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 0

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
61.6	0001	#	BAD GROUND - POOR RECOVERY	0.0	1

08FEB84 GRUM

DOWN-HOLE SPLINES (DHO20)

PAGE: 4

DDH: FAGADL4 UTM-N: 904,474.8 UTM-E: 592,423.4 UTM-ELEV: 1,259.6 TOTAL DEPTH: 61.6 SECTION: W 60
RFE: 52 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 0

DDH SEGMENT NOS COND INDICATOR

FAGADL4 1 1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: FAGA 024

Fabric Orientation Diagram:

Project: _____

Location: _____

Claim: _____

UTM Terr. Plane
Co-ords.: 6904474.785 N

CAMC
Mine Survey
592423.403 E

Grid
Co-ords.: 60 W /

All symmetry determinations looking

_____ with _____ dipping

Elevation: 1259.589m. _____ with dip azimuth _____.

Total Depth: 61.6m.

Purpose: _____

Logged by: _____ Date(s) Logged: _____

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

NQ _____ 61.6m.

Started: _____ Completed: Oct 28/79

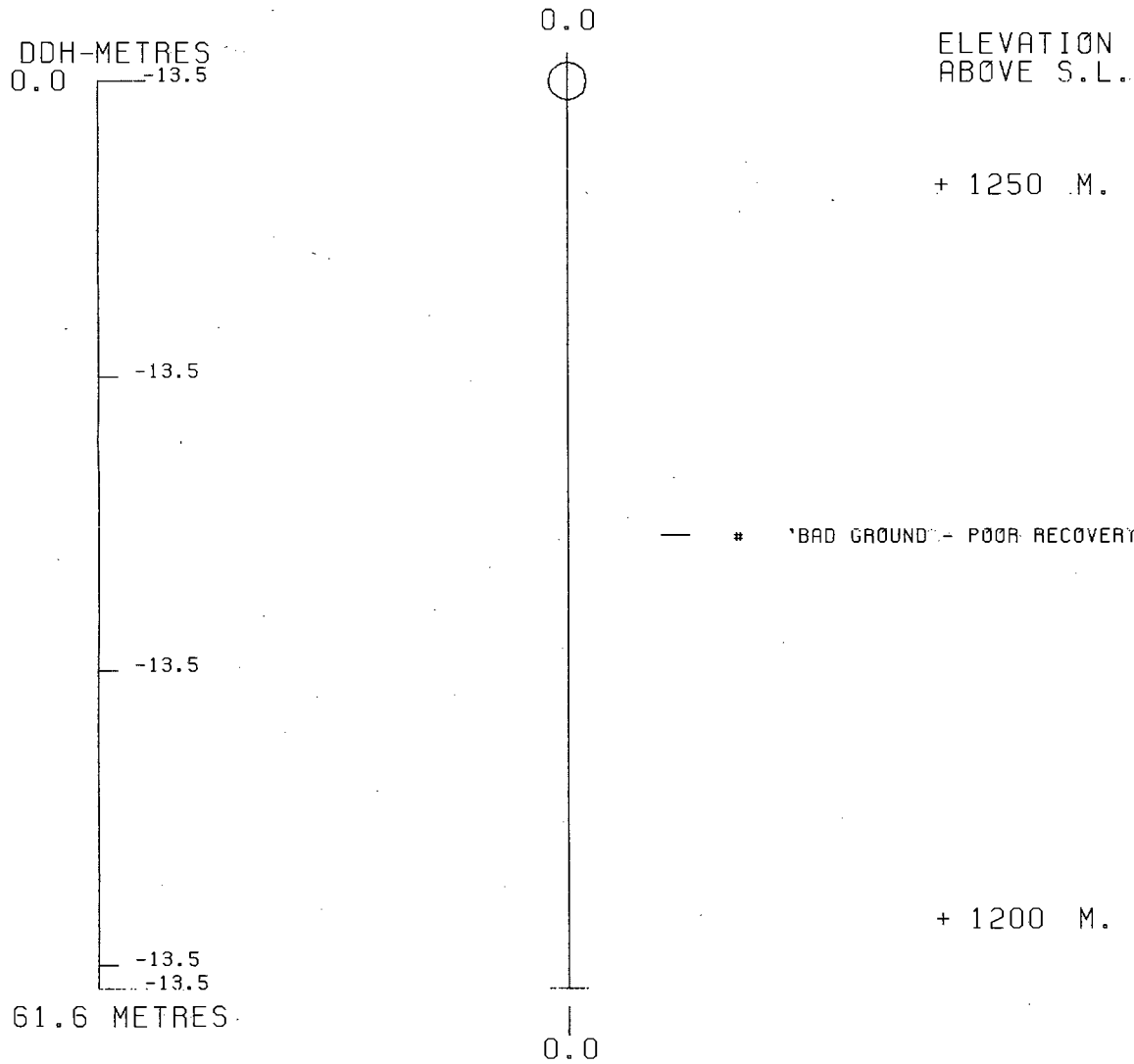
DDH: FAGADL4 -- 42 DEGREE PROFILE
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1260 592423E ; 904475N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 195.5 Z = 1257.0

SECTION NAME: 60W



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 1 MAY 1984 5:10 PM

