

GRUM

SECTION 52W

015013

DCH	SAMPLE	---DEPTHS---		INT M	REC %	ROCK UNIT	S.G.	CU %	PB %	ZN %	AG G/MT	AU G/MT	PO %	FY %	BAC %	PB+ZN %	PC+PY %	ZN RATIO	
		FROM	TO																
FAGAC48	91668	35.8	39.0	3.2	98	4E4													
	91669	39.0	39.9	.9	100	4E4			1.20	1.30	16.1					2.50		.52	
	91670	39.9	40.8	.9	100	4E4			2.78	3.43	55.5					6.26		.56	
	91671	40.8	41.8	.8	63	4E4			.18	.47	5.1					.65		.72	
	91672	41.8	43.7	2.1	100	4A4			.14	.58	4.1					.72		.91	
	91673	43.7	46.6	2.9	100	4A4			.08	.18	4.1					.26		.69	
	91674	46.6	49.6	3.0	100	4C4			.12	.23	5.1					.26		.69	
	91675	49.6	52.7	3.1	100	4C4			.03	.30	5.1					.35		.66	
	91676	52.7	55.1	2.4	100	4E10			.32	.46	9.9					.38		.79	
	91677	56.5	58.9	2.4	96	4E8			3.75	3.30	48.3					.78		.59	
	91678	58.9	61.3	2.4	96	4E8			2.00	1.68	27.4					7.05		.47	
																3.68		.46	

DRILL HOLE : FAGA046
NORTHING : 904,274.1
EASTING : 592,548.5
ELEVATION : 1,241.9
TOTAL DEPTH : 112.3
SECTION : W 52
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: 11
NOS DOWN-H-SURVEYS: 2
NOS DOWN-H-LITHOLOGY: 17
NOS DOWN-H-STRUCTURE: 23
NOS DOWN-H-FAULTS: 27
NOS DOWN-H-SPLINES: 2
NOS COMPOSITES: 0

LDH: FAGA046 UTM-N: 904,274.1 UTM-E: 592,548.5 UTM-ELEV: 1,241.9 TOTAL DEPTH: 112.3 SECTION: W 52
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	179.500	40.000

DDH: FAGAC46 UTM-N: 904,274.1 UTM-E: 592,548.5 UTM-ELEV: 1,241.9 TOTAL DEPTH: 112.3 SECTION: W 52
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	INC
9.1	OC01	#	AIR & OVERBURDEN	0.5-	1
13.1	OC02	5A19	MINOR	0.5-	1
21.0	OC03	5B20	\$?	0.5-	1
35.8	OC04	3GC	9 MINOR (5C4 FUCH) (5D4 FUCH)	0.5-	1
38.6	OC05	4E48	81 8\$ (4L6 WEAK) BXA	0.5-	1
41.6	OC06	4EC	8 4 -> 4E1 (4E4 PORCLS) 80:20	0.5-	1
46.0	OC07	4AC	83 8\$	0.5-	1
53.7	OC08	4CC	83 85 8\$ -> (4A0) 80:20	0.5-	1
55.1	OC09	4E10	8 4	0.5-	1
56.5	OC10	5A19		0.5-	1
61.3	OC11	4E\$	81 88 (4L6 WEAK)	0.5-	1
83.5	OC12	3GC	(5D4*) MINOR	0.5-	1
90.2	OC13	3GC\$	MIN[5B6\$ MIN](5A6\$ MIN) 90:10	0.5-	1
93.2	OC14	3EC\$	MINOR? [5A6\$ MINCR?]	0.5-	1
97.8	OC15	5A1	9 V MINOR [3E19 V MINOR]	0.5-	1
105.9	OC16	3GC	-> (3G9) -> (3E0\$ MINOR)	0.5-	1
112.3	OC17	3GC	GOUGE & RUBBLE	0.5-	1

DDH: FAGAC46 UTM-N: 904,274.1 UTM-E: 592,548.5 UTM-ELEV: 1,241.9 TOTAL DEPTH: 112.3 SECTION: W 52
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT SYMTRY	SG ANGLE DIRECT	S1 ANGLE DIRECT	S2 ANGLE DIRECT	RFE CDE	DHDC	SDC	PROCESS			
FAGAC46	0.0	9.7	PS2	0	0	0	C	72	230	C	1	1	1
FAGAC46	0.0	14.0	CS2	0	0	0	C	60	230	C	1	1	1
FAGAC46	0.0	16.7	CS2	0	0	0	C	60	230	C	1	1	1
FAGAC46	0.0	28.9	PS2	0	0	0	C	35	230	C	1	1	1
FAGAC46	0.0	32.0	PS2	0	0	0	C	40	230	C	1	1	1
FAGAC46	0.0	35.3	PS2	0	0	0	C	40	230	C	1	1	1
FAGAC46	0.0	37.7	PS2	0	0	0	C	70	230	C	1	1	1
FAGAC46	0.0	42.0	CS2	0	0	0	C	65	230	C	1	1	1
FAGAC46	0.0	43.5	CS2	0	0	0	C	63	230	C	1	1	1
FAGAC46	0.0	47.8	CS2	0	0	0	C	65	230	C	1	1	1
FAGAC46	0.0	49.0	CS2	0	0	0	C	50	230	C	1	1	1
FAGAC46	0.0	53.6	PS2	0	0	0	C	65	230	C	1	1	1
FAGAC46	0.0	55.1	PS2	0	0	0	C	50	230	C	1	1	1
FAGAC46	0.0	58.2	PS2	0	0	0	C	60	230	C	1	1	1
FAGAC46	0.0	61.5	PS2	0	0	0	C	70	230	C	1	1	1
FAGAC46	0.0	67.0	PS2	0	0	0	C	60	230	C	1	1	1
FAGAC46	0.0	73.1	PS2	0	0	0	C	55	230	C	1	1	1
FAGAC46	0.0	77.4	PS2	0	0	0	C	55	230	C	1	1	1
FAGAC46	0.0	82.2	PS2	0	0	0	C	70	230	C	1	1	1
FAGAC46	0.0	88.3	CS2	0	0	0	C	55	230	C	1	1	1
FAGAC46	0.0	91.4	PS2	0	0	0	C	70	230	C	1	1	1
FAGAC46	0.0	100.2	PS2	0	0	0	C	55	230	C	1	1	1
FAGAC46	0.0	104.8	PS2	0	0	0	C	65	230	C	1	1	1

DDH: FAGA046 UTM-N: 904,274.1 UTM-E: 592,548.5 UTM-ELEV: 1,241.9 TOTAL DEPTH: 112.3 SECTION: W 52
 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			
FAGAC46	9.1	13.1	2B				C	0	C	C	0	0	1
FAGAC46	0.0	13.1	P				C	0	C	C	0	0	1
FAGAC46	13.1	17.0	2B				0	0	0	C	0	0	1
FAGAC46	17.0	19.0	2BP	3			0	0	C	C	0	0	1
FAGAC46	19.0	20.7	2BP	0			0	0	C	C	0	0	1
FAGAC46	20.7	22.8	2BR	2			0	0	C	C	0	0	1
FAGAC46	22.8	25.2	2BR	3			0	0	C	C	0	0	1
FAGAC46	25.2	28.1	2BR	2			0	0	0	C	0	0	1
FAGAC46	17.0	28.1	3F				0	0	C	C	0	0	1
FAGAC46	28.9	32.6	2B				C	0	C	C	0	0	1
FAGAC46	32.6	35.8	3BR	8			C	0	C	C	0	0	1
FAGAC46	35.9	38.6	XO				C	0	C	C	0	0	1
FAGAC46	41.3	41.6	R				C	0	0	C	0	0	1
FAGAC46	55.1	56.5	2B				C	0	C	C	0	0	1
FAGAC46	0.0	56.5	1R				C	0	0	C	0	0	1
FAGAC46	61.3	65.0	3BR	8			0	0	0	C	0	0	1
FAGAC46	65.0	67.9	1B				0	0	0	C	0	0	1
FAGAC46	67.9	70.1	2BR				0	0	0	C	0	0	1
FAGAC46	71.0	72.8	2B	8			0	0	0	C	0	0	1
FAGAC46	78.6	78.9	R				0	0	C	C	0	0	1
FAGAC46	78.9	80.6	1B				0	0	0	C	0	0	1
FAGAC46	80.6	81.0	2B	3			C	0	0	0	0	0	1
FAGAC46	83.8	85.6	2BR	1			0	0	0	C	0	0	1
FAGAC46	85.6	90.2	1B				0	0	0	C	0	0	1
FAGAC46	90.2	93.2	2BR				C	0	0	C	0	0	1
FAGAC46	93.2	105.9	2B				0	0	0	C	0	0	1
FAGAC46	105.9	112.1	GRF	5			C	0	0	C	0	0	1

26SEP84 GRUM

DOWN-HOLE SPLINES (DHO20)

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DDH: FAGAC46 UTM-N: 904,274.1 UTM-E: 592,548.5 UTM-ELEV: 1,241.9 TOTAL DEPTH: 112.3 SECTION: W 52
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH SEGMENT NOS COND INDICATOR

FAGAC46	1	2
FAGAC46	2	1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: FAG No46

Fabric Orientation Diagram:

Project: VANGORDA PLATEAU REMAP

Location: GRUM - CHAMP ZONE

Claim: BIX #3

Terr. Plane
Co-ords.: 6904274.1 N

592548.5 E

Grid
Co-ords.: 52 W / 8+005

-90°

All symmetry determinations looking

NW with 52 dipping

SW with dip azimuth 230.

Elevation: 1241.9 m

Total Depth: 112.3 m (368.5 ft)

Purpose: _____

Logged by: GAJ/LCP

Date(s) Logged: July 18/84

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

Started: Oct 4/74 Completed: Oct 12/74

FEET

DDH F.A.G.A.04.6
2 8

Cyprus Anvil Mining Corp.
Lithologic Log

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Date: July 19/84 Logged By: GAI/KCP

Code	From	To	Recov.	No.	Unit	Description					
I	10	14	16	20	22	24	26	28	30	34	35
L	100	13100		11	#1	Air & overburden					
L	13100	14300		12	151A1/19	minor Hard - very, black, siliceous phyllite "Dolomite flash" but noncalcareous 9 ft minor py associated w/ small qtz eyes/augens along S ₁ & S ₂ . Homogeneous. Minor lithons of qtz-dolomite weathering tan-white fresh. Mod. broken, 8' core missing at 43' - don't know which unit					
L	14300	16190		13	151B210	? Med to dk med. greenish gray to gray, moderately hard to mod. soft, well-lithonad, highly calcareous phyllite Calcite-qtz-tan-weathering dolomite in lithons. No calc-silicates. Extensively fractures - filled w/ calcite. Mod broken/recovery about 30% (note top of unit problem)					
L	16190	11175		14	131G10	9 minor (5C4 fuchsite) (5D4 fuchsite) Dk med gray, PS ₂ foliated, mod. soft, homogeneous, noncalcareous phyllite Few qtz lithons have minor actinolite. 5CD from 82'-85' as couple of 6" bands. Top of unit uncertain because of poor recovery 68-75: 1 1/2 ft recovery / 75-83: 3ft recov / 83-92 1/2: 2 1/2' recovery / in this interval core mod. broken w/ local rubble & redrilled core. No gauge. No strong indication of fault. Suggest significant fault zone at interval 56-92 1/2 with major strand near top & washed away - partly because of major lith change. / 95-107 mod broken w/ good recovery / 107-117 very broken - local rubble & incipient gauge recovery 80%. S ₂ lower core axis at 110' - Possible fault at sulphide contact					

poor recovery
56-62 1/2 - 2ft
62 1/2 - 68 - 1/2'

Top could be
between
69' & 74'

S₂ changes dramatically between Units 3 and 4

Code	From	To	Recov.	No.	Unit	Description
I	10 14 16	20 22 24	26 28 30	34 35		
L	11175	11216.7		15	4E4B ±1 ± \$	(4L6 weak) BXA Mod. well banded & foliated nearly massive pyritic sulphides alternating w/ short sections light greenish cream musc > chlorite minor py phyllite & short sections rich in banded qtz-dol-py vein material - coarse, flesh tan-weathering dolomite. Intercased 4L & 4E or clast of 4L in 4E matrix. Locally 4E approaches 4K. Core split & trashed - no idea of orig status. - recovery OK - contact w/ phyllite at top ground away
L	11216.7	11316.5		16	4E1D ±4 → 4E1	(4E4 porous) 80:20 Massive, homogeneous, locally foliated, fine-grained pyrite w/ patchy distr. base metals in short zones of banded porous massive sulphides. Floating, anhedral qtz 1mm-5mm across - locally approaching 4E1 Split - intact except last 1' which is rubble
L	11316.5	11511.0		17	4A1D ±3 ± \$	H.P. - lower contact gradational Minor interbanded 4C after 4A Sulphides 25% w/ py >>> sphal. Minor dolomite in pyritic bands Core split - orig relatively intact w/ good recovery. Excellent sulphides - black chert banding Dol. weathers tan - 10% of bands have dol.
L	11511.0	11716.5		18	4C1D ±3 ± 5 ± \$ → (4A0)	80:20 \$ dissem. in some bands & occupies fractures. Short massive sulphide bands similar to above 4E1. Largely derived from 4A by bleaching 20% of unit in 4A as 1 foot units. Total sulphides 30-35% - py >>>> sphal. Split / intact / good recovery

Dol. is 10% in the bands it resides in also

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	11765	11808		119	4E110	±4 Weakly banded, fine-grained, massive, homogeneous pyrite. Dissem. gtz blocks Patching sphal at bottom of unit Split / intact / recovery OK
L	11808	11855		110	5A119	9 for py & minor sphal. Black, hard, PS2 fltd phyllite w/ 5% white granular gtz-sulphide bands Very borderline for 4A/5A (Core mod. broken / recovery OK) rubble at EOI
L	11855	12012		111	4E111	±1 ±8 (4L6 weak) This is a curved bracket unit. Interbedded 4E1, 4E4B, 4E2B → 4K & grading in & out of each other. Short 4L intervals interspersed. 4L contacts are broken by splitting / 4L also as thin foliaform seams. Too broken for significant relevant meaningful geology. Recovery OK minor rubble at TOI. Magnetite w/ minor cpy, carbonate occurs as 2" band of 80% magnetite at 192' Elsewhere mag 1mm - 1cm irregular patches & lenses elongate in S ₂ . 30% magnetite bearing, 30% gtz block bearing, 40% massive py & 4L rubble lower contact drilled away. Likely that the total sulphide intersections is symmetric Upper & lower massive sections look similar because so heterogeneous & messy
L	12012	12140		112	316101	(504*) Minor Med grey, homogeneous, PS2 foliated, med soft, noncalcareous phyllite w/ brick red weathering S ₂ folia (laminar). Minor gtz bands ranging from mm to cm scale - no lithons. Gets lighter vertical even. cluge in first 3'

264.5-266 30% rec - mod broken / 266 - EOI intact

downhole. Lower contact gradational carbonate change. Minor foliaform 100% from 1cm - 20cm w/ local pyrite. 504* at 261'-1" thick. -
more gtz carbonate veined than enclosing rocks. TOI-213.5 mod. to v. broken, rubble 80% rec. / 213.5-223 intact to mod. broken / 223-230 mod. broken to rubble - vein broken -
vein rubble 80% rec. / 230-233 intact / 233-239 mod. broken, 80% rec. / 239-258 intact, locally pecker chippy - rec. OK / 258-259 rubble / 259-264.5 intact to mod. broken

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	12714 0	12916 0		113	31G101	minor [586\$ minor] (5A6 \$ minor siltstone bands) 90:10 Med grey to locally dark grey, noncalcareous phyllite w/ sparsely developed orange-brown weathering, granular gte - white mineral (fizzes slowly in 20% HCl) bands & lithons. Exhibits "dolomite flash". Tends to be lighter coloured than last unit #12. 5A occurs as 1" or 2" thick bands near 285' TOI-275' intact / 275-281 mod broken, rubble 1' recovery / 281-EOI intact to mod broken. Min. joints at 274'. No faults. Has "dolomite flash" minor po porphs
L	12916 0	131016 0		114	31E101	minor? [5A6\$ minor?] Dk grey to black, PS2 foliated, noncalcareous, carbonaceous, mod soft to soft phyllite. Minor orange-brown weathering gte-carbonate (?) bands forming S2 // bands & locally lithons. Mod. broken to locally rubble related to minor fractures near center. Recov OK, no faults. Not sure if additional mineral in gteose bands is dolomitic, siderite, weathered feldspar
L	131016 0	131211 0		115	15A11	9 v. minor [3E19 v. minor] Hard to mod hard, black, PS2 foliated, siliceous, carbonaceous phyllite. Sparse PS2 // bands gte - orange-weathering carbonate (?) - minor gy. Relatively homogeneous. Mod broken, recov OK, No faults. Has "dolomite flash"
L	131211 0	1314175		116	31G101	→ (3G9) → (3E0 \$ minor) Med grey to dk grey to black, mod. soft, PS2 foliated, phyllite w/ minor granular gteose bands // S2. No lithons. Thin interbeds (3"-1 1/2') black phyllite w/ granular gteose bands - similar to unit #14. Weak "dolomite flash". Mod broken - recov OK. Has weathering w/ blood / brick red S2 parallel folia - red laminae. minor py porphs

has "dolomite flash"

FEET!

DDH F.A.G.A.04.6
2 8

Cyprus Anvil Mining Corp.

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Structural Log

Date: July 19/84 Logged By: GAN/KCP

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				320	P.S12					72	230		
S				460	C.S12					610			
S				550	C.S12					610			
S				950	P.S12					35			
S				11050	P.S12					40			
S				11160	P.S12					410			
S				11240	P.S12					710			sulphide banding
S				113180	C.S12					615			
S				114135	C.S12					613			
S				115170	C.S12					615			
S				116110	C.S12					510			N.B S ₁ at high angle to S ₂ crudely consistent w/ S2-D2 fold hinge
S													
S				117160	P.S12					615			sulphide banding
S				118110	P.S12					510			→ C.S2
													much Z-symmetry near this interval highly uncertain because core split
S				119110	P.S12					610			sulphide banding
S				120120	P.S12					710			
S				1210120	C.S12			011	0190				post D2 cren.
S				122100	P.S12					60			
S				123100	C.S12			310	0415				post D2 cren. also 30/030
S				124100	P.S12					55			
S				124100	C.S12			25	1810				post D2 cren.
S				125140	P.S12					55			
S				127100	P.S12					70			
S				129100	C.S12					55			→ P.S2
S				1310100	P.S12					70			→ C.S2
S				132190	P.S12					55			
S				134140	P.S12					65			
													EOH

S
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Feet

FAULT

DDH A.0.4.6
2 8

Cyprus Anvil Mining Corp.

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Structural Log

Date: Aug 9/84 Logged By: LCP

REC UPPER INT LOWER

Code	From		To		Feature	S ₀		S ₁		S ₂		Description
	10	14	16	20		E ₁	Dip	Direct.	Dip	Direct.	Dip	
F	1300		430		21B							mod brkn
F			430		P							8' core missing
F	430		560		21B							mod brkn
F	560		625		21BIP 3							2' / 6 1/2' recov / mod brkn
F	625		680		21BIP 0							recov 1/2' / 5 1/2' / mod brkn
F	680		750		21BR 2							mod brkn w/ local rubble
												recov 1 1/2' / 7'
F	750		830		21BR 3							recov 3' / 8' mod brkn
												w/ local rubble
F	830		925		21BR 2							2 1/2' / 9 1/2' recov
F	925		1070		21B							mod brkn / recov OK
F	1070		11175		31BR 8							v brkn / local rubble &
												incip gauge 80% recov
F	560		925		31F							major fault w/ major
												strand at top & washed
												away
F	11180		112167		X1D							box of 4h cleats in
												4E pyritic matrix
F	11355		11365		R							rubbly in 4E
F	11810		11855		21B							mod brkn / recov OK
F			11855		11R							minor rubble
F	12101/2		121135		31BR 8							mod to v brkn to rubbly
												80% recov
F	121135		121230		11B							intact to mod brkn
F	121230		121310		21BR							mod brkn to rubbly
F	121310		1213190		21B 8							mod brkn / 80% recov
F	121530		121590		R							rubble
F	121590		121645		11B							intact to mod brkn
F	121645		121660		21B 3							mod brkn / 30% recovery
F	121750		121910		21BR 1							mod brkn, rubbly
												recov 1' / 6'
F	121810		121960		11B							intact to mod brkn
F	121960		13060		21BR							mod brkn to locally rubbly
F	13060		13475		21B							mod brkn / recov OK
F	13475		13680		GRIF 5							gauge & rubble
												50% recov

DOAL LAKE FAULT ?!

EOH

DIAMOND DRILL RECORD

LOGGED BY Stanley B. Reamsbottom

PROPERTY Kerr Addison - AEX Joint Venture

D.D.H. No. A - 46 PAGE 1 of 2

LATITUDE 10 060.65 N 8100E BEARING OF HOLE _____ STARTED Oct. 4/74

CLAIM No. BIX #3

DEPARTURE 7835.55 E 52W DIP OF HOLE - 90° COMPLETED Oct. 12/74

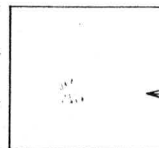
DIRECTION AND DISTANCE FROM

ELEVATION 4071' Topo (1252.46m) DIP TESTS _____ DEPTH Ultimate: 368.5'

NE. CLAIM POST

598' P.A.

(112.32m)



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	3.1 30	OVERBURDEN															
30	35.8 117.5	BLACK QUARTZ-GRAPHITIC PHYLLITE. Very micaceous, thin quartz-feldspar laminae. Abundant thin veins of quartz and carbonate between 35 - 60. Recovery poor to 90'. Core angles: 40' = 60°; 60' = 55°; 80' = 61°; 100' = 34°; 110' = subvertical; F ₂ fold nose. Note thin zones of quartz-sericite-mariposite at 82'.	10/19 10/18	--	31 50	50 68	19 18										
			2/7 6/8	--	68 75	75 83	7 8										
			1.5/7	--	83	90	7										
117.5	61.3 201.2	SULPHIDE ZONE IN STRIPED QUARTZ-GRAPHITE PHYLLITE, AND CREAM-WHITE QUARTZ-SERICITE PHYLLITES. Mainly mineralized phyllites with 15 - 20% sulphides concentrated in F ₁ layers (quartz-graphitic phyllite) and zones of massive banded pyritic sulphide. Note cream quartz-feldspar? brecciated sulphide at 122'. Sulphide content varies 15 - 65% (in massive sections). Mainly pyrite, 1 - 2% magnetite, lesser sphalerite, galena, arsenopyrite.	9.5/ 10.5	850	117.5	128	10.5	1.20	1.30	.47							
		117.5 - 128 - Sericite phyllite and sulphide	3/3	851	128	131	3	2.78	3.48	1.62			6.26				
		134 - 159 - Mineralized quartz-graphitic phyllite	3/3	852	131	134	3	.18	.47	.15			1.95	1.00			
		159 - 174 - Mineralized quartz-sericite phyllite	1.5/ 2.5	853	134	136.5	2.5	.14	.58	.12			1.8	"			
		174 - 181 - Mineralized quartz-graphitic phyllite and massive sulphide.	7/7	854	136.5	143.5	7	.08	.18	.12			1.82	"			
		181 - 201 - Mainly mineralized quartz-sericite phyllite	9.5/ 10.5	855	143.5	153	9.5	.08	.18	.18			2.47	"			
		Core angles: 120' = 75°; 140' = 45° (F ₁); 160' = 67°; 180' = 55°; 200' = 51°	10/10	856	153	163	10.0	.12	.23	.15			3.50	"			
			10/10	857	163	173	10.0	.08	.30	.15			3.62	"			
			7.8/ 7.8	858	173	180.8	7.8	.32	.46	.29			6.05	"			
			--	859	180.8	185.5	5.7	Barren quartz-graphitic phyllite									
			7.5/8	859	185.5	193.5	8.0	3.75	3.30	1.41			80.0	16.4	11.28		
			7.5/ 7.7	860	193.5	201.2	7.7	2.00	1.68	.80			4.0	3.38	1.60		
					183.5	195.5	10.0	2.4	2.0	1.21	11.1V		34.0	29.76	12.88		

DDH: FAGA046 -- 42 DEGREE PROFILE

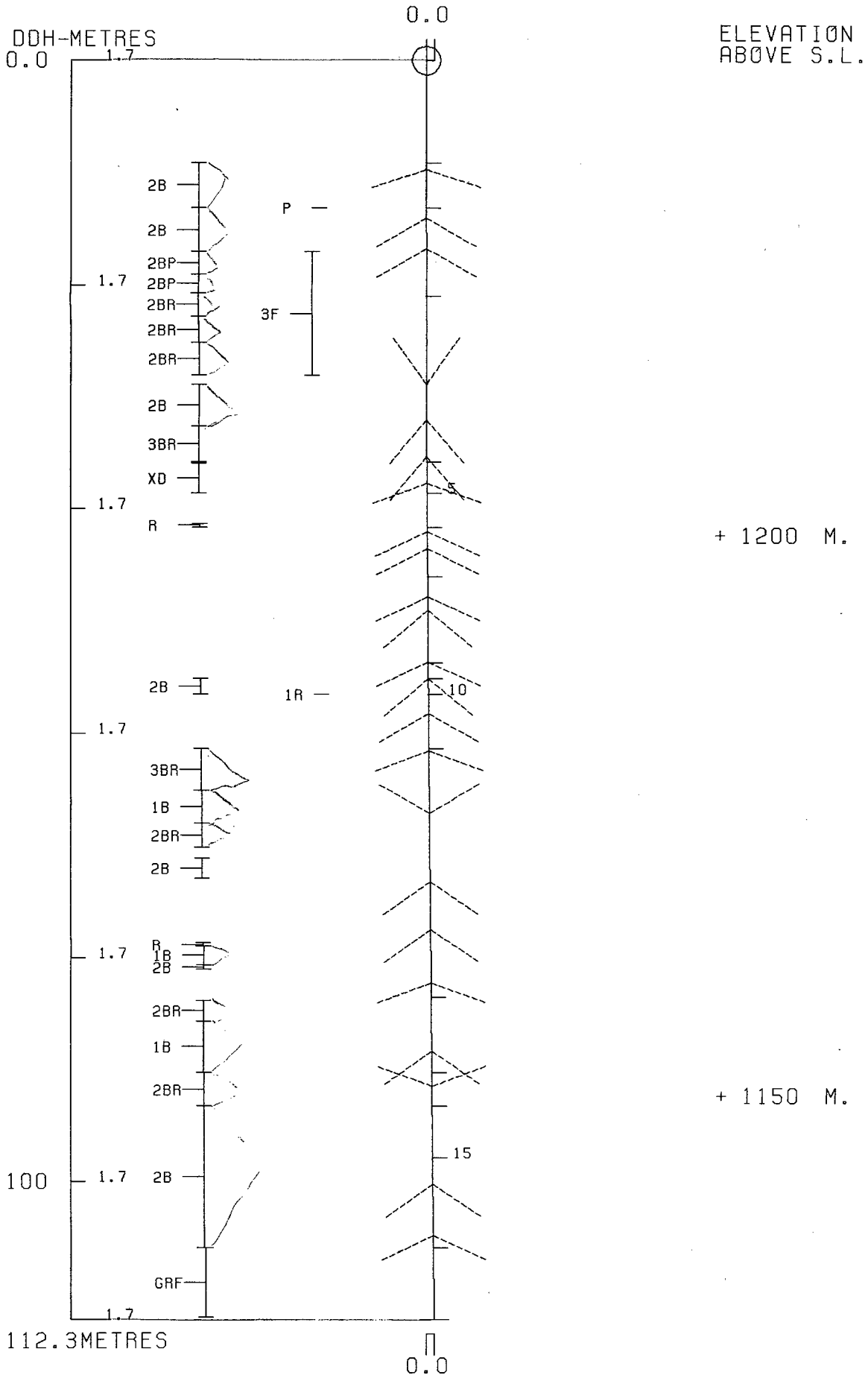
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1242 592549E ; 904274N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 131.1 Z = 1242.2

SECTION NAME: 52W



FAGA 050

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																
FAGAC50	91679	21.3	23.7	2.4	33	4E8			2.45	1.88	27.4						4.33		.43
	91680	23.7	26.3	2.6	35	4E8			2.48	1.92	34.3						4.40		.44
	91681	28.4	29.5	1.1	91	4GE			2.35	2.46	30.2						4.81		.51
	91682	48.3	49.1	.8	88	4E863			3.15	3.00	35.3						6.15		.49
	91683	49.4	50.9	1.5	87	4E8			2.30	1.96	30.2						4.26		.46
	91684	50.9	53.3	2.4	37	4E1E			.85	.72	19.2						1.57		.46

DCH	SAMPLE	ROCK UNIT	CPY	NCRMATIVE MINERALS - WEIGHT %					OTHER	*	CPY	NCRMATIVE MINERALS - VOLUME %					OTHER
				GA	SP	PC	PY	BAR				GA	SP	PO	PY	BAR	
	91079	4E8		2.83	2.80				94.37	*							
	91080	4E8		2.86	2.86				94.27	*							
	91081	4E8		2.71	3.67				93.62	*							
	91082	4E8A1		3.64	4.47				91.89	*							
	91083	4E8		2.66	2.92				94.42	*							
	91084	4E10		.98	1.07				97.94	*							

DRILL HOLE : FAG050
NORTHING : 904,319.1
EASTING : 592,589.7
ELEVATION : 1,242.0
TOTAL DEPTH : 203.3
SECTION : W 52
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: 6
NOS DOWN-H-SURVEYS: 5
NOS DOWN-H-LITHOLOGY: 39
NOS DOWN-H-STRUCTURE: 41
NOS DOWN-H-FAULTS: 32
NOS DOWN-H-SPLINES: 5
NOS COMPOSITES: 0

DDH: FAGAC50 UTM-N: 9047319.1 UTM-E: 5927589.7 UTM-ELEV: 1242.0 TOTAL DEPTH: 203.3 SECTION: W 52
RFE: S2 RFE DIR: 030 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
61.000	179.500	40.000
115.800	175.500	53.300
170.700	174.500	44.500
195.100	171.500	27.300

CDH: FAGAC50 UTM-N: 904,319.1 UTM-E: 592,589.7 UTM-ELEV: 1,242.0 TOTAL DEPTH: 203.3 SECTION: W 52
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	INC
21.3	OC01	#	1 INTRUSIVE BOULDER CORED	0.5-	1
26.3	OC02	4E8	& 2	0.5-	1
28.4	OC03	5A9		0.5-	1
29.5	OC04	4G8		0.5-	1
30.4	OC05	4K4\$	[4?4\$] [4D\$] (4L2) 80:20	0.5-	1
31.1	OC06	5B64	9 -> 5AC	0.5-	1
47.7	OC07	5B62	84 MINOR 83 MINOR (5D4*) V MIN	0.5-	1
48.3	OC08	5A1		0.5-	1
49.9	OC09	4E86	& \$	0.5-	1
53.3	OC10	4E1B	BXA	0.5-	1
53.9	OC11	5A6	(10Q0) 50:50	0.5-	1
55.4	OC12	5D4\$	(5B6) 90:10	0.5-	1
60.9	OC13	5B20	& \$	0.5-	1
61.2	OC14	5D0		0.5-	1
63.7	OC15	5B62		0.5-	1
68.7	OC16	5A	GOUGE	0.5-	1
77.0	OC17	1004	[4L]	0.5-	1
79.4	OC18	4L0	[104]	0.5-	1
80.7	OC19	3B34	(4L6 WEAK) 90:10	0.5-	1
90.5	OC20	4L6	WEAK [3G48]	0.5-	1
93.5	OC21	3G08		0.5-	1
94.1	OC22	3B9	& BIC	0.5-	1
97.9	OC23	5C3	(5C\$) (3G0) 45:45:10	0.5-	1
98.4	OC24	5C0	& 3	0.5-	1
102.2	OC25	3G0		0.5-	1
103.0	OC26	3B3	BIO MINOR (3G0) 60:40	0.5-	1
121.6	OC27	3G0	CALC-SIL MINOR	0.5-	1
122.2	OC28	3B3	BIO (3G0) 70:30	0.5-	1
125.2	OC29	3G0		0.5-	1
127.2	OC30	3G9		0.5-	1
131.6	OC31	3G0	(3G9) MINOR (10Q0) MINOR	0.5-	1
138.9	OC32	3G9	& \$ MINOR (3G0) 85:15	0.5-	1
151.4	OC33	3G0	& \$ MINOR	0.5-	1
160.9	OC34	3G93	1 (3FC) (3G0) 80:10:10	0.5-	1
170.1	OC35	3G3	CALC-SIL & BIC	0.5-	1
183.1	OC36	3G9	& 1	0.5-	1
192.4	OC37	3G0	83 89 CALC-SIL BIC	0.5-	1
193.2	OC38	3G93	[3F9] & CALC-SIL	0.5-	1
203.3	OC39	3G9		0.5-	1

DCH: FAGAC50 UTM-N: 904,319.1 UTM-E: 592,589.7 UTM-ELEV: 1,242.0 TOTAL DEPTH: 203.3 SECTION: W 52
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DCH	F DEPTH	T DEPTH	FEAT	SYMTY	S0 ANGLE	DIRECT	S1 ANGLE	DIRECT	S2 ANGLE	DIRECT	RFE	CDE	DHDC	SDC	PROCESS
FAGAC50	0.0	27.4	CS2		0	0	0	0	74	230	C		1	1	1
FAGAC50	0.0	32.6	PS2		0	0	0	0	79	230	C		1	1	1
FAGAC50	0.0	39.4	PS2		0	0	0	0	70	230	C		1	1	1
FAGAC50	0.0	43.8	PS2		0	0	0	0	52	230	C		1	1	1
FAGAC50	0.0	44.5	PS2		0	0	0	0	58	230	C		1	1	1
FAGAC50	0.0	48.4	PS2		0	0	0	0	80	230	C		1	1	1
FAGAC50	0.0	53.9	PS2		0	0	0	0	67	230	C		1	1	1
FAGAC50	0.0	56.6	PS2		0	0	0	0	73	230	C		1	1	1
FAGAC50	0.0	59.7	PS2		0	0	0	0	58	230	C		1	1	1
FAGAC50	0.0	63.3	PS2		0	0	0	0	35	230	C		1	1	1
FAGAC50	0.0	70.7	PS2		0	0	0	0	77	230	C		1	1	1
FAGAC50	0.0	76.5	PS2		0	0	0	0	65	230	C		1	1	1
FAGAC50	0.0	79.5	CS2		0	0	0	0	85	230	C		1	1	1
FAGAC50	0.0	85.6	PS2		0	0	0	0	71	230	C		1	1	1
FAGAC50	0.0	89.6	CS2		0	0	0	0	72	230	C		1	1	1
FAGAC50	0.0	96.3	CS2		0	0	0	0	69	230	C		1	1	1
FAGAC50	0.0	101.4	PS2		0	0	0	0	78	230	C		1	1	1
FAGAC50	0.0	106.6	PS2		0	0	0	0	75	230	C		1	1	1
FAGAC50	0.0	111.8	PS2		0	0	0	0	76	230	C		1	1	1
FAGAC50	0.0	117.0	PS2		0	0	0	0	62	230	C		1	1	1
FAGAC50	0.0	121.6	PS2		0	0	0	0	71	230	C		1	1	1
FAGAC50	0.0	125.8	PS2		0	0	0	0	77	230	C		1	1	1
FAGAC50	0.0	127.4	PS2		0	0	0	0	84	230	C		1	1	1
FAGAC50	0.0	129.5	PS2		0	0	0	0	74	230	C		1	1	1
FAGAC50	0.0	132.8	CS2		0	0	0	0	40	230	C		1	1	1
FAGAC50	0.0	135.0	CS2		0	0	0	0	51	230	C		1	1	1
FAGAC50	0.0	138.0	PS2		0	0	0	0	70	230	C		1	1	1
FAGAC50	0.0	142.0	PS2		0	0	0	0	67	230	C		1	1	1
FAGAC50	0.0	146.3	PS2		0	0	0	0	78	230	C		1	1	1
FAGAC50	0.0	151.1	PS2		0	0	0	0	68	230	C		1	1	1
FAGAC50	0.0	156.3	CS2		0	0	0	0	59	230	C		1	1	1
FAGAC50	0.0	159.4	PS2		0	0	0	0	62	230	C		1	1	1
FAGAC50	0.0	163.9	CS2		0	0	0	0	63	230	C		1	1	1
FAGAC50	0.0	170.0	PS2		0	0	0	0	64	230	C		1	1	1
FAGAC50	0.0	174.6	PS2		0	0	0	0	79	230	C		1	1	1
FAGAC50	0.0	178.9	PS2		0	0	0	0	75	230	C		1	1	1
FAGAC50	0.0	181.6	PS2		0	0	0	0	74	230	C		1	1	1
FAGAC50	0.0	187.4	PS2		0	0	0	0	60	230	C		1	1	1
FAGAC50	0.0	192.0	PS2		0	0	0	0	71	230	C		1	1	1
FAGAC50	0.0	196.2	PS2		0	0	0	0	67	230	C		1	1	1
FAGAC50	0.0	203.3	PS2		0	0	0	0	75	230	C		1	1	1

DDH: FAGAC50 UTM-N: 904,319.1 UTM-E: 592,589.7 UTM-ELEV: 1,242.0 TOTAL DEPTH: 203.3 SECTION: W 52
 PFE: 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	
FAGAC50	21.3	26.3	RP	3			0	0	0	0	1
FAGAC50	26.3	28.4	TR	9			0	0	0	0	1
FAGAC50	30.4	31.1	T3B				0	0	0	0	1
FAGAC50	31.1	32.6	3R				0	0	0	0	1
FAGAC50	32.6	35.0	G	8			0	0	0	0	1
FAGAC50	35.0	36.2	3R				0	0	0	0	1
FAGAC50	36.2	39.3	3R	5			0	0	0	0	1
FAGAC50	39.3	43.2	R3B				0	0	0	0	1
FAGAC50	43.2	43.8	2B	6			0	0	0	0	1
FAGAC50	43.8	47.7	2B				0	0	0	0	1
FAGAC50	47.7	48.3	R				0	0	0	0	1
FAGAC50	49.9	50.2	R				0	0	0	0	1
FAGAC50	53.0	53.3	R				0	0	0	0	1
FAGAC50	49.9	53.3	P	3			0	0	0	0	1
FAGAC50	53.6	53.9	R				0	0	0	0	1
FAGAC50	53.9	55.4	2B				0	0	0	0	1
FAGAC50	61.8	62.7	3B	3			0	0	0	0	1
FAGAC50	62.7	63.7	3B	7			0	0	0	0	1
FAGAC50	63.7	69.0	GF	9			0	0	0	0	1
FAGAC50	94.1	94.7	T				0	0	0	0	1
FAGAC50	103.0	121.6	1BR				0	0	0	0	1
FAGAC50	129.8	131.6	R3B				0	0	0	0	1
FAGAC50	131.6	138.9	1B				0	0	0	0	1
FAGAC50	143.5	144.4	B				0	0	0	0	1
FAGAC50	150.8	151.1	B				0	0	0	0	1
FAGAC50	152.0	152.7	BR				0	0	0	0	1
FAGAC50	154.8	155.7	R3B	7			0	0	0	0	1
FAGAC50	155.7	160.9	B1R				0	0	0	0	1
FAGAC50	160.9	161.0	XR				0	0	0	0	1
FAGAC50	194.3	197.8	T3B	5			0	0	0	0	1
FAGAC50	197.8	198.7	XQ				0	0	0	0	1
FAGAC50	198.7	203.3	T3B	5			0	0	0	0	1

DDH: FAGA050 UTM-N: 904,319.1 UTM-E: 592,589.7 UTM-ELEV: 1,242.0 TOTAL DEPTH: 203.3 SECTION: W 52
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH SEGMENT NOS COND INDICATOR

FAGA050	1	2
FAGAC50	2	2
FAGA050	3	2
FAGA050	4	2
FAGAC50	5	1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: FAGA 050

Fabric Orientation Diagram:

Project: Vangorda - Grum Re-log

Location: VANGORDA PLATEAU GRUM 52W

Claim: Bix #3

^{UTM} Terr. Plane
Co-ords.: 6904319.1 N

592 589.7 E

Grid
Co-ords.: 52W / 6+005

-90

All symmetry determinations looking

NW with 52 dipping

Elevation: 1242.0 m.

SW with dip azimuth 230.

Total Depth: 667 feet

Purpose: _____

Logged by: LCP / GAI

Date(s) Logged: July 12-13 / 84

Drilling
Contractor: _____

Core: Size From To Collar Cased
and Capped: _____

BW 0' 71'

BQ 71' 667'

Started: Oct 14 / 1974

Completed: Oct 22 / 1974

DDH FAGA05.0
 2 8
 FEET

Cyprus Anvil Mining Corp.
 Lithologic Log

Page 3 of

Date: Logged By: LCP/GAJ

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	7.00	7.00		1	#	2 intrusive boulder cored
	7.00	8.65		2	4E8	& @ poorly banded pyrite w thin int. streaky laminae, minor augen & lenses of pale tan weath CO_2 that fizzes with difficulty in 20% HCl-, minor gal sphal 10% mt, 5% CO_2 , 85% py core split & rubbly, crusty orange brown weath, 6/16' recy
L	8.65	9.35		3	SA9	moderately hard carbonaceous phyllite with quartzose laminae py along fractures cutting S_1 & S_2 - center of interval is 10 cm band of S_2 of py - ight probably a vein. v. dark grey to black core is piker chippy to rubbly, ~90% recy
L	9.35	9.70		4	HIS@	~60% py 25% $BasO_4$ + CO_2 CO_2 as augen & lenses and as fg. mineral in matrix S_1 & S_2 discern in offwhite to creamy tan matrix - poorly defined sulphide banding
L	9.70	10.00		5	4I?4H\$	(4L2) 80:20 P = poorly laminated dolomitic rock with dissem py gal sphal in fine CO_2 matrix and with larger dolomitic "augen" along S_2 , sphal is reddish brown. Rck texturally like 4C or 4G but not particularly gtz or banded 4L2 = pale creamy white musc phyllite with crosscutting fractures filled with py and S_2 foliaform gtz py lenses & laminae, minor cpy in cutting fractures up & down contacts sharp. not split, intact

main rock
needs a
name!

4K4\$??

See notes to lose the core.

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	1010	1023		6	SB, 649 → 5A0	<p>7 = sphal + py soft to mod soft in grey non calc ps₂ fol phyllite becoming increasingly black down hole. contains abundant fine xcutting fractures with py - lowest 6" is sulphide vein with 5A frags vein is S₂ foliiform and consists of Fg py sphal + gtz. poker chippy to very broken, no faults, recvy ok</p>
L	1023	1565		7	SB, 62 & 4 minor & 3 minor (SD4*) v. minor	<p>in dk grey → dk grey, mod soft ps₂ foliated, generally ^{mottled in shades of grey} non calc phyllite with short intervals with variably calc brown weath laminae/lithons. Short lighter grey intervals are slightly altered versions of same. Contains abundant xcutting py veinlets 102-3-107 = v. broken recvy ok 107-115 = 1 ND gauge 7/8" recvy 115-119 v. broken recvy ok 119-129 v. broken 50% recvy mainly lost 119-124 (=1' reveal) 129-142 v. broken to rubble recvy ok 142-144 mod broken 65% recvy 144-156.5 m broken, recvy ok</p>
L	1565	1585		8	SA, 11	<p>hard siliceous carbonaceous gtz. be abundant dk gtz. k bands separated by thin carbonaceous S₂ laminae. rock is dull black rubble, recvy ok</p>

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	1585	1640		9	4E86 @ \$	Fine grained poorly laminated with vague lamination due to gal sphal barite int & carbonate (not all coincident) has pale tan weath lenses of dol & @ center of unit is 15 cm of SA6 - sulphide in sulphide bxa in lower part of interval core split SA rubble remains mainly intact except at very bottom which is rubble
L	1640	1750		10	4E1 @ BXA	sulphide in sulphide Bxa with crosscutting gtz veins - xcutting antlerite veins & lenses split, upper 1' is rubble, lower 1' rubble, remainder intact ≈ 30% recov
L	1750	1770		11	SA6 (1090) 50:50	upper 1/2 is 109 lower 1/2 is SA rubble, very looks OK
L	177	182		12	SD4 \$ (536) 90:10	brn weath dolomite finely laminated off white homogeneous muscovitic phyllite, 536 bands up to 15 cm thick with sharp contacts mod broken, no faults
	182	200		13	SB20 ± \$	mdk grey mod soft generally ps ₂ laminated phyllite with minor gtz calc bands (some gtz dol & weath ^{tan} basun) generally not forming good lithons. contains minor rxn fract and as S ₂ streaks intact

201

Code	From	To	Recov.	No.	Unit	Description
1	10	14 16	20 22 24	26 28	30 34 35	
L	2528	2607		18	4L0	[104] pale creamy green white laminated P ₂ foliated massive => chl phyllite, minor gtzose laminae. Streaky rusty brown weath along S ₂ folia in in small fractures cutting S ₂ , upper contact arbitrary; based on lack of evidence of original garnet or biotite lower contact gradational increase in chlorite intact - no obvious faults to explain the end of the altered schists?
L	2607	2650		19	3B34 (4L6 weak) 90:10	intact micaceous musc phyllite slightly greener than last unit indicating more chlorite. 3B3 with typical calc gts banding with bi. selvages - typical green color destroyed rocks are now creamy green-white - several calc gte foliation veins in interval original rock looks like it was a phyllite rather than a schist
	2650	2970		20	4L6	weak [3648] creamy pale green musc => chl non calc S ₂ to small soft phyllite - dominantly P ₂ foliated but locally has gtzose lithon texture gradually becomes greener down hole - local S ₂ folia are in grey - parent assumed to be in grey n. calc phyllite no metabuff/vole bands.

Code	From	To	Recov.	No.	Unit	Description
1	10	14 16	20 22 24	26 28 30	34 35	
						lower contact where phyllite turns grey - local rusty weathering fractures S_2 folia intact, recovery ok.
L	2970	3070		21	3G08	in grey moderately soft ps_2 foliated non calc phyllite locally with slightly greenish tinged bands - also chl selvages along gte veins - S_2 folia good grey color intact good recovery
	3070	3090		22	3B $\frac{1}{2}$	\pm B10 in green generally homogeneous with minor vague green banding chl phyllite - contains gte dolo schistose bands - minor patchy B10 development intact
	3090	3214		23	5C3	(5C $\frac{1}{2}$)(360) 45:45:10 Strongly foliated in grey with irregular anastomosing chl laminae along S_2 - well foliated toward rock. core is upper 2' piker chippy, intact below that
	3214	3229		24	5C9	\pm 3 in dark green fine grained homogeneous metabasite without typical 3B color or bands - bottom 6" is like unit 23; intact

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	3229	3356		25	360	ps ₂ foliated med grey non calc phyllite with minor small dissemin. po grains in thin gtz laminae - appears to be minor green calc sil mineral also assoc with gtzose laminae. core is intact
L	3356	3380		26	3B3	B10 minor (360) 60:40 in dark green homogeneous with gtz calcite in green calc silicate mineral bearing bands - intact
	3380	399		27	360	calc sil minor dominantly ps ₂ fol med soft med grey non calc phy local minor gtzose bands & fibrous up to 2 cm thick commonly with minor med dk green calc sil (actinolite?) local gtz chl veins along S ₂ - terminating in streaks of grey - no porphs seen med broken to intact - a few short ribby zones
	3990	4070		28	3B3	B10 (360) 70:30 10 cm 3G band near top otherwise med dk green with brown tint homog chl phy - contains gtz calc bands ^{one or two} contains minor epidote intact

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	4010	4108		29	360	med soft m grey ps ₂ foliated, non calc intact minor g ₂ bands with even more minor possible calc sil mineral
L	4108	4175		30	369	m dk grey to dk grey non calc soft ps ₂ fol phyllite minor fine dissemin po assoc with g ₂ bands intact
L	4175	4320		31	369	(369) minor (1000) minor typical ps ₂ fol, soft, m grey, non calc phy intact to 426 426-432 is v. broken to rubble but recvy OK
L	4320	4560		32	369	± \$ minor (360) 85:15 Dark grey, moderately hard to moderately soft, generally "noncalcareous" phyllite. Some short intervals display "dolomite flash" locally contains medium dark grey g ₂ lithons and bands. Where present these are up to 1cm thick, constitute up to 70% of core, and extend for intervals of up to 3 feet. Very locally g ₂ bands contain minor dolomite. Minor disseminated pyrite in g ₂ bands and cross-cutting fractures. 360 is med grey phyllite for interval 440'-444'. G ₂ bands also have diss po. Core mod. broken to intact. No core

loss / no major faults.

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	1415160	1419170		1313	3160	± minor Medium grey, soft, generally noncalcareous, PS2-foliated phyllite Contains intervals up to 10cm thick which weather to a dull rusty brown - these intervals consistently exhibit dolomite subdued fizzing in both 10 & 20% HCl. Also weathers rusty orange along S2 folia (diss sulphides?) Color striped in shades of grey along PS2 folia orientations. Minor lithons (qtz-dolomite) in uppermost 1' of unit Core intact except for broken zones 471'-474', 495'-496' Recovery OK
L	1419170	1512180		1314	3169.3	1 (3FO) (3GO) 80:10:10 Dk grey to black, PS2 foliated, moderately hard to hard carbonaceous phyllite. Contains med-dk grey qtz-calcite bands up to 20cm thick. These are hard and react easily to HCl. Some are calcite-rich enough to be thin marble bands (short silicated 3FO biotite in silicate banding at 511'). Commonly the bands are PS2 foliated - locally they have microlithons. Discontinuous, fine, streaky pyrite laminae parallel S2 folia & in cross-cutting fractures. Unit correlates w/ calcareous-carbonaceous Mt Mye beneath Champ zone and Gram NW extension (i.e. DDH FAGA086). TOI-499 intact / 499-501 broken & rubble, recovery OK / 501-508 intact / 508-511 very broken & rubble 70% recovery, no gauge / 511-EOT broken w/ minor rubble zones. No major fault noted.

Code	From				To				Recov.	No.	Unit	Description
	1	10	14	16	20	22	24	26				
L	152	180	155	183						135	136A3	calc. silicatey ± bio Med grey to med dk grey, mod soft to mod hard, calcareous phyllite Excellent microlithon texture. Includes qtz + calcite + med green calc-silicate (actinolite). Biotite locally present in very calc-silicate rich intervals. Fine streaky dissem py along S ₂ folia & in cross-cutting fractures. 52B-52B.5 reground core of carbonate fault breccia - now rubble - recovery OK(?). 52B.5-EOZ intact.
L	155	183	160	110						136	1369	±1 Dk grey to black, noncalcareous, moderately hard to hard, carbonaceous phyllite. Contains thin med dark grey qtzose bands parallel S ₂ . Unit PS ₂ foliated. Sections of phyllite are very hard and smooth cutting surface - removes metal - not always associated w/ abundant qtzose bands. Streaky diss po laminae and fine diss. po in qtzose bands. At top & bottom of interval see minor green actinolite (?) in qtzose bands. Upper & lower contacts S ₂ Core essentially intact.
L	160	110	163	115						137	13610	I 3 I 9 calc-silicatey bio Med grey to med dk grey, moderately hard, PS ₂ foliated phyllite. Contains abundant qtzose bands flooded with green actinolite (?) qtzose bands locally contains some calcite. Biotite developed in calc-silicatey intervals patchily. Contains dk grey to black interbanded intervals. Locally have good lithon texture. Core intact. Disseminated po along S ₂ folia.

Code	From	To	Recov.	No.	Unit	Description
I	10 14 16	20 22 24	26 28	30 34 35		
L	1613115	161341		1318	1316-19.3	[3F9] ± calc-silicatory Dk. grey, moderately hard, calcareous phyllite or phyllitic, carbonaceous marble. Marble as thin dk grey bands in phyllitic matrix. Interval is (obviously) very calcareous locally some development of actinolite in especially gross bands. Generally P52 foliated - some minor lithon development. Steady fine Po disseminated along S2 filia. Core intact.
L	161341	161670		1319	1316-19	Dk grey, moderately hard, noncalcareous, carbonaceous phyllite. Distinctive P52 striping between thin med grey bands to dk grey carbonaceous bands attenuating on mm. scale. Minor diss. po. Core intact TOI- 637.5 / 637.5-649 core v. broken - poker chippy w/ 50% recovery / 649-652 S2 disrupted w/ abundant qtz-calcite fracture fills - recovery OK - ends w/ incipient gouge / 652-667 core poker chippy (v. broken) - recovery 50% for 653-658, from 658-EOI recovery appears OK EOH

Structural Log

Date: July 13/84 Logged By: LCP

Code	From				To				Feature	Sym	S ₀		S ₁		S ₂		Description
	10	14	16	20	22	24	26	28			Dip	Direct.	Dip	Direct.	Dip	Direct.	
S				19100				CS12							71	2310	
S				11070				PS12							79		
S				11295				PS12							70		
S				11440				PS12							52		
S				11460				PS12							510		
\$				11460				CS1n				12	0100				post D ₂ cren. cluge
S				11590				PS12							80		
\$				11590				CS1n				60	31410				post D ₂ cren. cluge
S				11770				PS12							67		
S				11860				PS12							73		
\$				11860				CS1n				219	31410				post D ₂ cren. cluge
S				11960				PS12							518		
S				120180				PS12							35		just before fault zone
S				121320				PS12							77		→ CS2
S				125110				PS12							65		→ CS2
S				126110				CS12							85		
S				128110				PS12							71		
S				12940				CS12							72		
S				131160				CS12							69		
S				13330				PS12							78		
S				13510				PS12							75		
S				13670				PS12							76		
S				13840				PS12							62		
S				13996				PS12							71		
S				141130				PS12							77		
\$				141180				PS12							84		
\$				141180				CS1n				35	01910				post D ₂ cren. cluge
S				14250				PS12							74		
S				143160				CS12							410		
S				14430				CS12							57		
S				145130				PS12							70		
S				14660				PS12							67		
S				148100				PS12							78		
S				14960				PS12							68		
S				151130				CS12							59		
S				15230				PS12							62		

Feet

FAULT

DDH EAGAD.50
2 8

Cyprus Anvil Mining Corp.

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REC Structural Log

Date: July 19/84 Logged By: LCP

UPPER MIDDLE LOWER

Code	From		To		Feature	S ₁ Pr	S ₀		S ₁		S ₂		Description	
	10	14	16	20			22	24	26	28	32	34		38
F	17	10	0	18	6	5	RIP	3						rubbly / recov. 6'/16'
F	18	6	5	19	3	5	TR	9						poker chippy to rubbly / 90% rec
F	11	10	10	11	10	12	3	TI	3	B				poker chippy to v. brken
F	11	10	12	11	10	17	0	3	B					v. brken
F	11	10	17	11	15	0	G	8						IND gauge rec 7'/8'
F	11	15	0	11	19	0	3	B						v. brken
F	11	19	0	11	29	0	3	B	5					v. brken 50% rec mainly lost 119-124 1' recov.
F	11	29	0	11	42	0	R	3	B					v. brken to rubbly
F	11	42	0	11	44	0	2	B	6					mod brken / 65% rec.
F	11	44	0	11	56	5	2	B						mod brken / rec OK
F	11	56	5	11	58	5	R							rubbly / rec OK
F	11	64	0	11	65	0	R							rubbly
F	11	74	0	11	75	0	R							rubbly
F	11	64	0	11	75	0	P	3						30% recovery
F	11	76	0	11	77	0	R							SA rubbly / rec OK
F	11	77	0	11	82	0	2	B						mod brken
F	12	0	3	12	0	16	0	3	B	3				v. brken / 30% rec.
F	12	0	6	12	0	19	0	3	B	7				v. brken / 70% rec.
F	12	0	19	12	2	16	5	G	F	9				black IND gauge / rec 90%
F	13	0	19	13	1	11	0	T						poker chippy
F	13	3	18	13	9	19	0	1	B	R				mod brken to intact / a few short rubbly zones
F	14	2	16	14	3	12	0	R	3	B				v. brken to rubbly / rec OK
F	14	3	12	14	5	16	0	1	B					mod brkn. to intact / rec OK
F	14	7	11	14	7	14	0	B						brken / rec OK
F	14	9	15	14	9	16	0	B						brken / rec OK
F	14	9	19	15	0	11	0	B	R					brken & rubbly / rec OK
F	15	0	18	15	1	11	0	R	3	B	7			v. brken & rubbly / rec 70%
F	15	1	11	15	2	18	0	B	1	R				brken w minor rubbly / rec OK
F	15	2	18	15	2	18	5	X	R					re-ground core of carbonate fault box
F	16	3	17	16	4	19	0	T	3	B	5			v. brken & poker chippy / 50% rec.
	16	4	19	16	5	12	0	X	G					S ₂ disrupted / qtz-cc fracture fillings
	16	5	12	16	6	17	0	T	3	B	5			v. brken - poker chippy / 50% rec.

DOAL LAKE FAULT →

ASSAY LOG (SAMPLER'S COPY)

Date _____

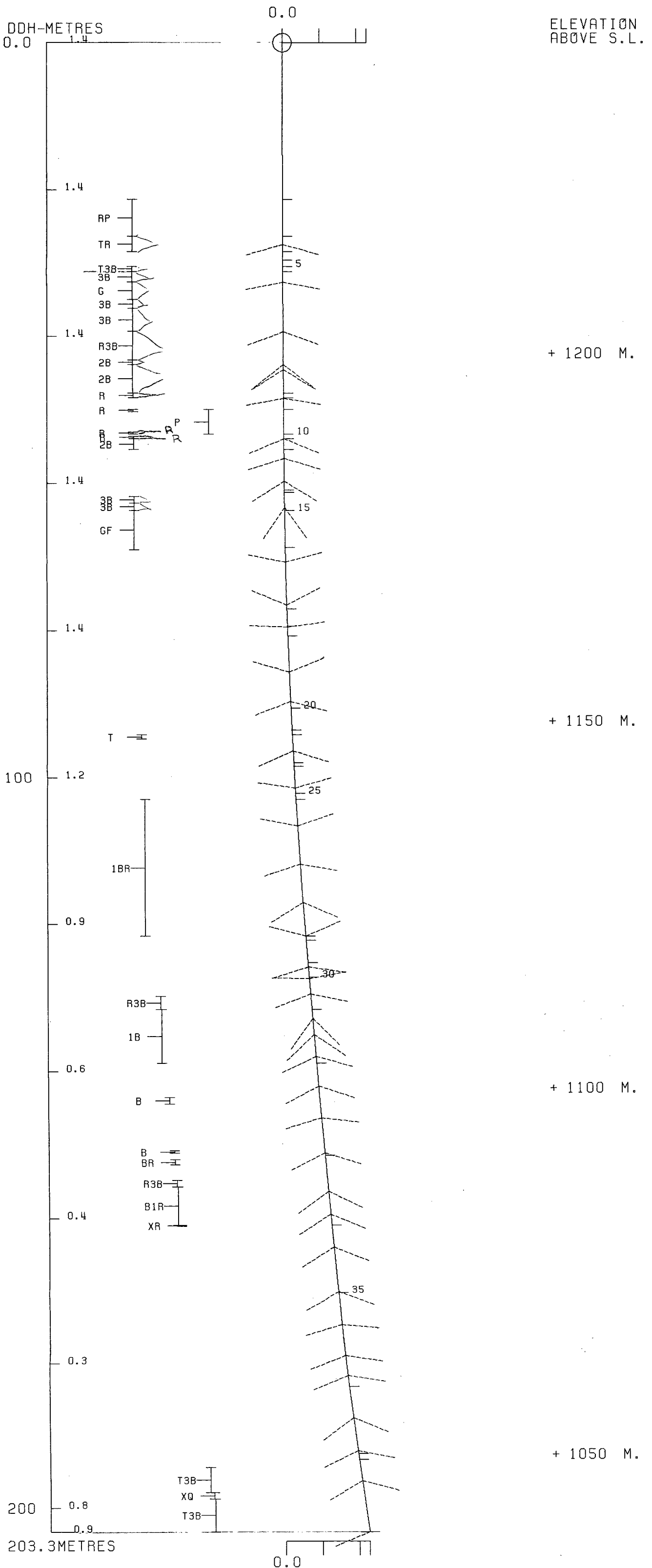
Sampled by Kerr Addison

Feet

CODE	FROM				TO				SAMPLE				INTR.				REC (m)				UNIT				DESCRIPTION		
	10	14	16	20	22	26	28	30	32	34	36	40	42	10	14	16	20	22	26	28	30	32	34	36		40	42
P	1710	0	1780	0	911679		180		1254E8																		
P	1718	0	1816	5	911680		185		1284E8																		
P	1913	5	1970	0	911681		135		1324G@																		
P	1158	5	1161	4	911682		129		1264E816@																		
P	1162	1	1167	0	911683		149		1454E@																		
P	1167	0	1175	0	911684		180		1304E1@																		
																											EOH

DDH: FAGA050 -- 42 DEGREE PROFILE
 (VIEW AZIMUTH = 312 DEGREES)

ELEV:1242 592590E ; 904319N
 PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0
 CORRECTED COLLAR POSITION: X = 192.1 Z = 1242.3
 SECTION NAME: 52W



DDH: FAGA050 -- 42 DEGREE PROFILE

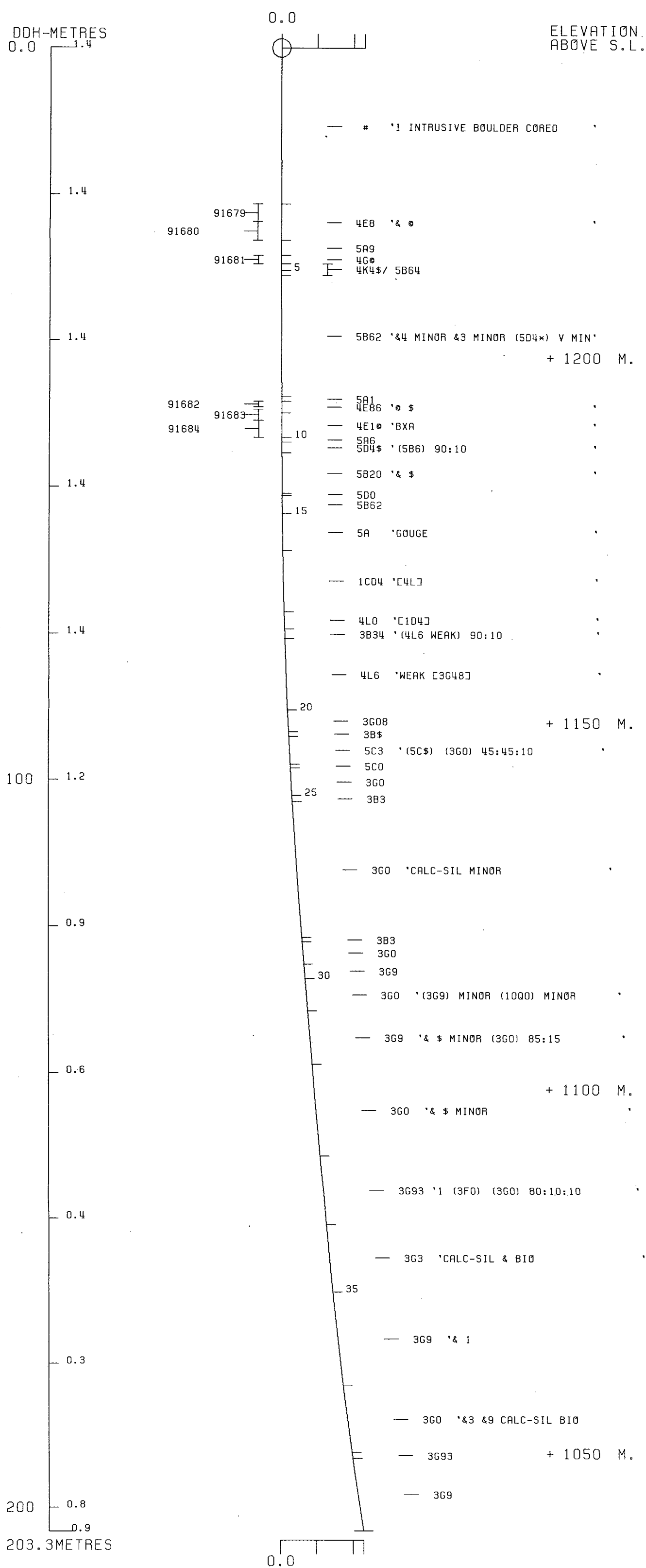
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1242 592590E ; 904319N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 192.1 Z = 1242.3

SECTION NAME: 52W



FAGA 054

DRILL HOLE : FAG054
 NORTHING : 904,363.9
 EASTING : 592,630.3
 ELEVATION : 1,249.1
 TOTAL DEPTH : 142.0
 SECTION : W 52
 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: 0
 NOS DOWN-H-SURVEYS: 3
 NOS DOWN-H-LITHOLOGY: 23
 NOS DOWN-H-STRUCTURE: 18
 NOS DOWN-H-FAULTS: 10
 NOS DOWN-H-SPLINES: 3
 NOS COMPOSITES: 0

DDH: FAGA054 UTM-N: 904,363.9 UTM-E: 592,630.8 UTM-ELEV: 1,249.1 TOTAL DEPTH: 142.0 SECTION: W 52
RFE: S2 RFE DIP: 230 FLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
61.000	179.500	40.000
115.800	175.500	53.300

DDH: FAGAC54 UTM-N: 904,363.9 UTM-E: 592,630.8 UTM-ELEV: 1,249.1 TOTAL DEPTH: 142.0 SECTION: W 52
 RFE: S2 PFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
27.4	OCC1	#	NO RECOVERY - TRICONED	0.5-	1
50.9	OCC2	#	CCRED O/B GRANITE BOULDER	0.5-	1
64.6	OCC3	3G0	-> 3G48 -> (4L2 8#)	0.5-	1
71.4	OCC4	3G4	BIO -> 4L6 WEAK	0.5-	1
76.5	OCC5	4L67	[3G48]	0.5-	1
84.8	OCC6	4L07	8 1 -> 4L6 WEAK (4Q247 GARNET)	0.5-	1
90.5	OCC7	3G0		0.5-	1
92.6	OCC8	3B2	8 3 MINOR	0.5-	1
94.3	OCC9	3G0		0.5-	1
96.9	OC10	3B3	BIO	0.5-	1
100.4	OC11	3G0		0.5-	1
101.9	OC12	3G48	(3B3 BIO) 70:30	0.5-	1
103.7	OC13	3G0		0.5-	1
104.7	OC14	3C3	LEOPARD ROCK	0.5-	1
121.3	OC15	3G0	-> (3G9)	0.5-	1
122.9	OC16	3E2	(3G0) 70:30	0.5-	1
129.9	OC17	3G0	83V MN 8CALC-SIL MN(3F9)(3G93)	0.5-	1
133.5	OC18	3G93	(3F9) 75:25	0.5-	1
134.5	OC19	4G#9		0.5-	1
134.9	OC20	3G0		0.5-	1
135.9	OC21	3E3	(3F9)	0.5-	1
139.9	OC22	3G0		0.5-	1
142.0	OC23	3E3	(3F9)	0.5-	1

DDH: FAGAC54 UTM-N: 904,363.9 UTM-E: 592,630.8 UTM-ELEV: 1,249.1 TOTAL DEPTH: 142.0 SECTION: W 52
 RFE: S2 RFE DIP: 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
FAGAC54	0.0	51.8	PS2		0	0	0	C	75	230	C		1	1	1
FAGAC54	0.0	60.6	PS2		0	0	0	C	70	230	C		1	1	1
FAGAC54	0.0	65.5	PS2		0	0	0	C	74	230	C		1	1	1
FAGAC54	0.0	69.4	PS2		0	0	0	C	60	230	C		1	1	1
FAGAC54	0.0	74.3	PS2		0	0	0	C	65	230	C		1	1	1
FAGAC54	0.0	80.1	PS2		0	0	0	C	60	230	C		1	1	1
FAGAC54	0.0	85.1	PS2		0	0	0	C	55	230	C		1	1	1
FAGAC54	0.0	88.6	CS2		0	0	0	C	68	230	0		1	1	1
FAGAC54	0.0	100.2	PS2		0	0	0	C	70	230	C		1	1	1
FAGAC54	0.0	105.4	PS2		0	0	0	C	72	230	C		1	1	1
FAGAC54	0.0	111.2	PS2		0	0	0	C	75	230	0		1	1	1
FAGAC54	0.0	116.7	PS2		0	0	0	C	75	230	C		1	1	1
FAGAC54	0.0	118.2	PS2		0	0	0	C	65	230	0		1	1	1
FAGAC54	0.0	125.2	PS2		0	0	0	C	75	230	C		1	1	1
FAGAC54	0.0	130.7	PS2		0	0	0	C	75	230	C		1	1	1
FAGAC54	0.0	135.0	PS2		0	0	0	C	70	230	C		1	1	1
FAGAC54	0.0	137.7	PS2		0	0	0	C	75	230	C		1	1	1
FAGAC54	0.0	141.1	PS2		0	0	0	C	80	230	C		1	1	1

DDH: FAGAC54 UTM-N: 9047367.9 UTM-E: 5927630.8 UTM-ELEV: 1249.1 TOTAL DEPTH: 142.0 SECTION: W 52
 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			
FAGAC54	50.9	64.6	3RG	7			C	0	C	C	0	0	1
FAGAC54	78.6	81.9	2BR	5			C	0	C	C	0	0	1
FAGAC54	81.9	84.2	1B				C	0	C	C	0	0	1
FAGAC54	84.8	90.5	1B	8			C	0	C	C	0	0	1
FAGAC54	90.5	92.3	RP	7			C	0	C	C	0	0	1
FAGAC54	121.3	122.9	1B				C	0	C	C	0	0	1
FAGAC54	131.2	133.5	2B				C	0	C	C	0	0	1
FAGAC54	137.4	139.3	2BR				C	0	C	C	0	0	1
FAGAC54	139.2	139.9	X				C	0	C	C	0	0	1
FAGAC54	139.9	140.2	R				C	0	C	C	0	0	1

DCH: FAGAC54 UTM-N: 904,363.9 UTM-E: 592,630.8 UTM-ELEV: 1,249.1 TOTAL DEPTH: 142.0 SECTION: W 52
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 TSS CALC: 1

DCH SEGMENT NOS COND INDICATOR

FAGAC54	1	2
FAGAC54	2	2
FAGAC54	3	1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: FAGA 054

Fabric Orientation Diagram:

Project: VANGORDA PLATEAU RECAP

Location: GRUM - CHAMP ZONE

Claim: CHAMP 5?

Terr. Plane
Co-ords.: 6904363.9 N

592630.8 E

Grid
Co-ords.: 52W / 4+005

-90°

All symmetry determinations looking

NW with 52 dipping

Elevation: 1249.1m

SW with dip azimuth 230.

Total Depth: 142.0m

Purpose: _____

Logged by: GAS / LCP

Date(s) Logged: July 19/84

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

BW 0' 170'

BQ 170' 466'

Started: OCT 23/74

Completed: OCT 27/74

Feet

DDH F.A.G.A.O.5.4
2 8

Cyprus Anvil Mining Corp.
Lithologic Log

Page 3 of

Date: July 19/04 Logged By: GAI/LCP

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	100	19100		1	#	No recovery - triconce
L	19100	116170		2	#	Core overburden or 148' or granite boulder at 167'
L	116170	121120		3	3G10	→ 3G48 → (4L2 ± #) Interval largely garbage covered w/ rusty coating. Mod grey, noncalcareous, P52 fltd. phyllite. Thin greenish grey, granular gneiss bands. Reddish brown weathering along sz folia. Some interlayered 4L2 py and transitional lithology of 3G84 [4L6]. - light greenish cream. Strongly brkn & gougy w/ 75% recovery. Could be fault above 198' / alternatively could be "top of hole blues."
L	121120	1213145		4	3G14	bio → 4L6 weak Mod. hard, locally soft, dominantly purplish grey-brn w/ greenish-grey intervals. Short sections are calcic-actinolite-biotite granular bands. Small biotite-gt-minor actinolite. Grades into soft, light to med. green to greenish cream altered-looking phyllite - may be short intercalated 3B3 sections. Shows slight alteration of brn bio → green actinolite - like calc-silicates. Possibly a retrograded/alttered schist? Or altered 3B? or calc-silicate? Intact
L	1213145	1215110		5	4L1617	[3G48] Mod. hard to mod. soft, light greenish grey, noncalcareous, P52 foliated phyllite. 1% finely disseminated po. Intact

Code	From	To	Recov.	No.	Unit	Description
I	10	14 16	20 22 24	26 28	30 34 35	
L	1215110	1217185		16	14L1017	±1 → 4L6 weak (4:Q 247 garnet) 4Q because strongly foliated - as opposed to 10Q vein Phyllite transitional to pale creamy green at TOI & EOI Light, slightly greenish cream, mod. hard to mod. soft phyllite w/ minor diss ps Grades into greener variants at TOI & EOI Noncalcareous 261-268 very hard, PS2 folio, sulphide-bearing qtz vein w/ minor garnet Appears to be center around which bleaching / colour loss has occurred Not normal 10Q. Mod. brken. TOI-258 intact / 258-269 mod. brkn to rubble 50% / 269-EOI wkly brken, good recovery Base of unit gradual colour change.
L	1217185	1219170		17	131G01	Med. grey to slight greenish grey, mod soft, noncalc phyllite. 25% finely granular greenish phase bands - locally w/ fine ps PS2 - to finely CS2 - foliated. Similar to phyllite at top of DDH Orange to blood-red weathering S2 folia Intact to locally mod. brken 80% recov.
L	1219170	1310140		18	131B121	± 3 minor Dk to mod green, PS2 foliated, mod hard to mod. soft, chloritic phyllite Rubble / lost 1' intact / recovery 70% Noncalcareous except for minor cc-bands following S1
L	1310140	1310195		19	131G101	Mod. hard to mod. soft, mod to greenish grey, noncalcareous phyllite w/ greenish grey phase bands following S2 & forming lickers Similar to unit #7 Intact

Qtz vein may
be a mylonite?

Code	From	To	Recov.	No.	Unit	Description
L	131095	131180		110	3B131	bio Med dk green w/ purplish brn patches grading down to med olive green w/ some purplish biotite, chloritic phyllite w/ biotite & amphibole Irregular, D2-folded Qtz-calcite veins follow P2 - pinch & swell in typical SD fashion - locally lithonoid Generally P2 foliated Bio tends to be selvages to Qtz-carbonate veins Intact
L	131180	131295		111	3G10	Med hard to med. soft, P2 fld, greenish grey w/ greenish granular Qtz layers noncalc phyllite Intact. Small Qtz-chlorite + po veins. Similar to above 3G units # 9,
L	131295	131345		112	3B3 (3B3 bio) 70:30	3B3 as above Unit # 10 3G - light greyish green, non calc, med soft, P2 fld phyllite. Minor granular Qtz + po bands. Between 2 3B3 bands 6" & 1.15' at TOI & EOI respect Protolith is 3G as up the DDH Possible alteration adjacent to 3B Upper 3B has pale colour on lower portion Intact
L	131345	131404		113	3G10	Med. hard to med. soft, med grey, P2 fld phyllite. Slight greenish tint Granular greenish Qtz bands grossly developed Same as 3G up DDH Intact
L	131404	131437		114	3C31	leopard Rock Med to dk med green, P2 foliated w/ irregular light lenses separated by dk folia Texture of leopard Rock Intact

lower contact
has pale
colour

Intact

Code	From	To	Recov.	No.	Unit	Description
I	10 14 16	20 22 24	26 28	30 34 35		
L	134137	13980		115	131G9	→ (369) Mod soft to mod hard, noncalcareous, med grey, homogeneous, PS2 f ₁₀₀ phyllite. Greenish grey gneiss bands w/ fine diss. ps. Grading down to 369 w/ gneiss bands containing minor carbonate & some grey PS2 stringing. Few % D2-folded chlorit-gt-calcite veins - S2 foliiform masses 15-30 cm thick - locally rootless fold hinges. Change 36 → 369 gradual & about 369. Rots in last 10' exhibit "dolomite flash" & contains some carbonate. One 3B3 ^{bio} band 386-387 in Unit Intact - recovery OK
L	131980	1410135		116	131E21	(360) 70:30 Arbitrary unit of darker grey & black, noncalcareous phyllite in proportions 70:30. Mod. biten to intact.
L	1410135	1412165		117	131G10	± 3 v. minor ± calc silicaty minor (3F9)(3693) 90% 360 Mod. grey, generally noncalc phyllite. Mod hard to mod soft, PS2 foliated. Light greenish grey gneiss bands which have minor biot + calcite + epidote in last 1/2' of unit. 416-418 several thin interbands 3F9 marble & 3E3 black calcareous phyllite - mod. hard; PS2 f ₁₀₀ , beds/laminae of white quartz. Intact
L	1412165	1413180		118	131G1913	(3F9) 75:25 Dk grey to black, PS2 f ₁₀₀ , mod hard, variably calcareous interbedded w/ short sections 3F9 black calcareous marble. Mod biten 4306-E0I TOI-4306 intact

Code	From	To	Recov.	No.	Unit	Description
I	10 14 16	20 22 24	26 28	30 34 35		
L	143180	14413		119	14Q#19	Foliated gte vein cut by crenulations cluge. Strong S1 fltn w/ well-developed coarse CSZ. Preserved in fold nose. To be consistent w/ above in DDH this is 4Q. Thin carbonaceous streaks mark fltn. Intact
L	144113	14427		120	131G10	Med grey, noncalc phyllite Intact. Cut by thin gte-bio-pg-ss stringers - seem to cut lithos & also from D2 folds (late D2?)
	14427	14460		121	3E3 (3F9)	Dk grey to black, variably calcareous, carbonaceous phyllite interlayered w/ 6" carbonaceous marble. Intact
L	14460	14590		122	131G10	Med grey, PSZ filled, noncalcareous phyllite. Thin granular gte microlithous along S2. Calcite filled crackle bxa with py films on fractures on S2. Rubby, T2-451 Intact / 451-457 Med. broken to rubble. Lost 2' in IND fault bxa
L	14590	14660		123	131E31 (3F9)	Black, variably calc, PSZ filled w/ short very calcareous, carbonaceous marble sections. Core rubble in top 1' Intact below that
						EST

Feet

FAULT

DDH A.054
2 8

Cyprus Anvil Mining Corp.

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Structural Log

Date: Aug 9/04 Logged By: LCP

REC UPPER INT LOWER

Code	From	To	Feature	S ₀ Dip Direct.	S ₁ Dip Direct.	S ₂ Dip Direct.	Description
F	11670	12120	31B1G7				v. brkn & greasy 75% recovery
F	125180	12690	21B1R5				mod. brkn to rubbly 50% recovery
F	12690	12785	11B				weakly brkn - good recov
F	12785	12970	11B 8				intact to locally mod brkn 80% recovery
F	12970	13030	R4A 7				rubble - 70% recovery
F	13980	14035	11B				mod brkn to intact
F	14306	14380	21B				mod. brkn
F	14510	14570	21B1R				mod. brkn to rubbly
F	14570	14590	X1				IND fault box
F	14590	14600	R1				rubbly
							EOH

DDH: FAGA054 -- 42 DEGREE PROFILE

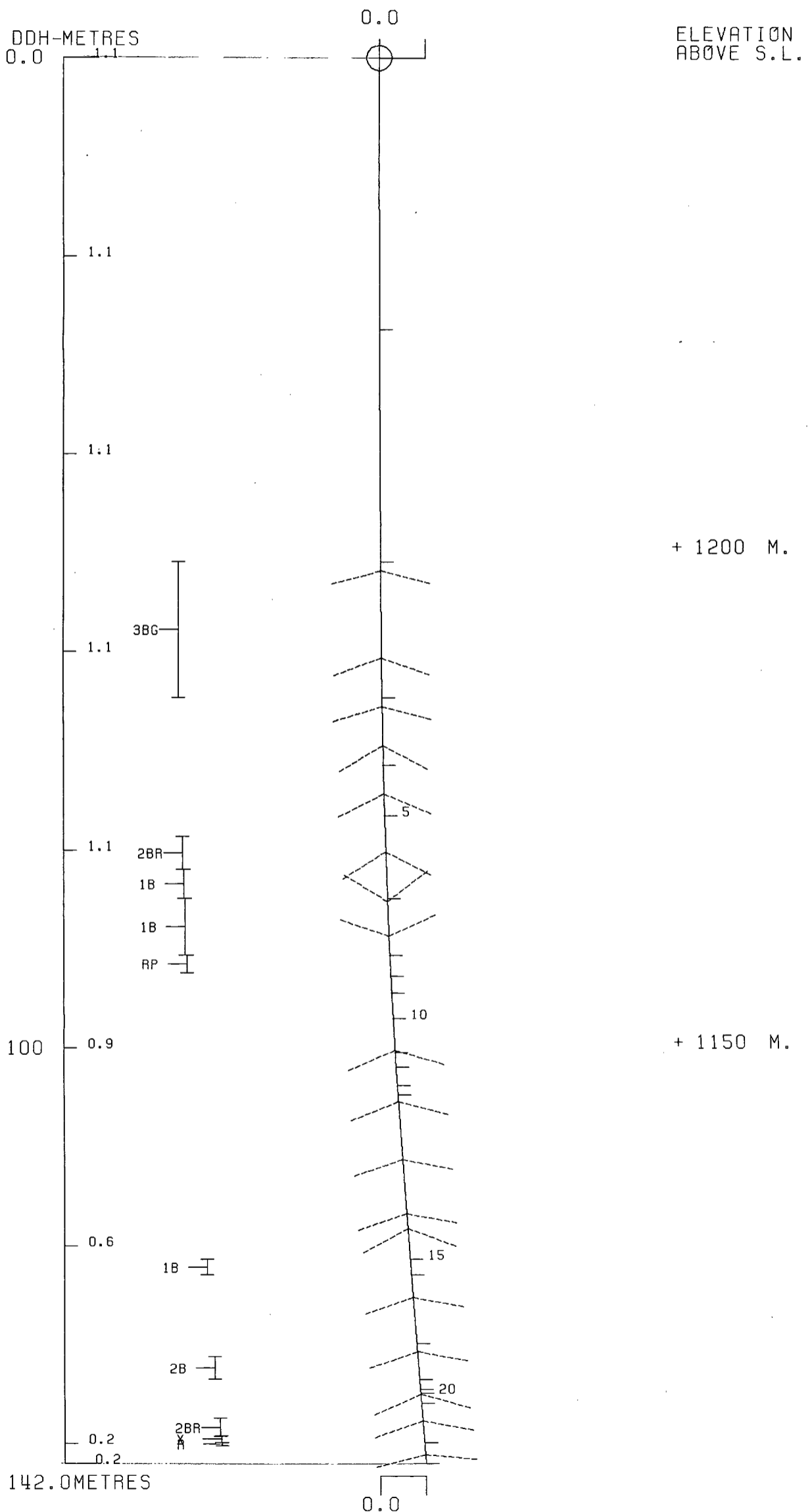
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1249 592631E ; 904364N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 252.9 Z = 1249.3

SECTION NAME: 52W



52/56/ = 1

226

DRILL HOLE : FAGA226
NORTHING : 904,497.2
EASTING : 592,752.8
ELEVATION : 1,262.8
TOTAL DEPTH : 181.3
SECTION : W 52
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS CORE-SAMPLES: 0
NOS DOWN-H-SURVEYS: 4
NOS DOWN-H-LITHCLOGY: 29
NOS DOWN-H-STRUCTURE: 26
NOS DOWN-H-FAULTS: 3
NOS DOWN-H-SPLINES: 4
NOS COMPOSITES: 0

DOWN-HOLE SURVEYS (DHL20)

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DDH: FAGA226 UTM-N: 904,497.2 UTM-E: 592,752.8 UTM-ELEV: 1,262.8 TOTAL DEPTH: 181.3 SECTION: W 52
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
56.100	178.000	105.000
117.000	174.200	73.000
178.000	170.000	77.000

DDH: FAGA226 UTM-N: 904,497.2 UTM-E: 592,752.8 UTM-ELEV: 1,262.8 TOTAL DEPTH: 101.3 SECTION: W 52
 RFE: S2 RFE DIP: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	INC
52.4	0001	*		0.5-	1
59.2	0002	3G0	82 (3B3) [3D4]	0.5-	1
60.0	0003	1004	(3G0)	0.5-	1
61.9	0004	3G4		0.5-	1
69.7	0005	3G0		0.5-	1
69.9	0006	3B0	[5D6]	0.5-	1
72.8	0007	3B3	[5C8] MOTTLED	0.5-	1
73.4	0008	3B0	[5D6]	0.5-	1
81.9	0009	3G0	(3G9)	0.5-	1
84.3	0010	3G93	(3F9)MINOR [5A0 83]	0.5-	1
86.3	0011	3G3	NCT 5B0 !!	0.5-	1
89.4	0012	3G0		0.5-	1
89.7	0013	3G9		0.5-	1
90.5	0014	3G0		0.5-	1
96.1	0015	3G3		0.5-	1
96.4	0016	3G9		0.5-	1
97.8	0017	3G9	[5A6]	0.5-	1
98.5	0018	3G0		0.5-	1
115.3	0019	3G0	(3G3)MINOR (3B3)V. MINOR	0.5-	1
124.8	0020	3G0	(3B33 BIC)	0.5-	1
137.2	0021	3G0		0.5-	1
138.5	0022	3G9		0.5-	1
141.0	0023	3G93	(3B3) NCT 5A	0.5-	1
142.7	0024	3G0		0.5-	1
147.4	0025	3G39	(3F9)(3B3)	0.5-	1
159.8	0026	3G0	83 (3B3) WEAKLY CALC-SIL.	0.5-	1
162.2	0027	5A19	-> [4A0]	0.5-	1
163.8	0028	5A0		0.5-	1
181.3	0029	3G0	83 (3B3) WEAK C.S. #33 OFA219	0.5-	1

DOWN-HOLE STRUCTURE (DHC20)

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DDH: FAGA226 UTM-N: 904,497.2 UTM-E: 592,752.8 UTM-ELEV: 1,262.8 TOTAL DEPTH: 181.3 SECTION: W 52
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	SG	ANGLE DIRECT	S1 ANGLE DIRECT	S2 ANGLE DIRECT	RFE	CDE	DHCC	SDC	PROCESS
FAGA226	0.0	55.0	PS2	F	C	C	C	75	23C	C	1	1	1
FAGA226	0.0	61.6	PS2	F	C	C	C	70	23C	C	1	1	1
FAGA226	0.0	64.3	PS2	F	C	C	C	64	23C	C	1	1	1
FAGA226	0.0	71.3	PS2	F	C	C	C	70	23C	C	1	1	1
FAGA226	0.0	78.1	PS2	F	C	C	C	65	23C	C	1	1	1
FAGA226	0.0	83.0	PS2	F	C	C	C	80	23C	C	1	1	1
FAGA226	0.0	86.6	PS2	F	C	C	C	70	23C	C	1	1	1
FAGA226	0.0	92.5	PS2	F	C	C	C	70	23C	C	1	1	1
FAGA226	0.0	98.2	PS2	F	C	C	C	70	23C	C	1	1	1
FAGA226	0.0	104.1	PS2	F	C	C	C	72	23C	C	1	1	1
FAGA226	0.0	111.0	PS2	F	C	C	C	65	23C	C	1	1	1
FAGA226	0.0	115.4	PS2	F	C	C	C	70	23C	C	1	1	1
FAGA226	0.0	122.1	PS2	F	C	C	C	74	23C	C	1	1	1
FAGA226	0.0	126.4	PS2	F	C	C	C	75	23C	C	1	1	1
FAGA226	0.0	130.6	PS2	F	C	C	C	70	23C	C	1	1	1
FAGA226	0.0	136.0	PS2	F	C	C	C	75	23C	C	1	1	1
FAGA226	0.0	141.5	PS2	F	C	C	C	75	23C	C	1	1	1
FAGA226	0.0	142.4	PS2	F	C	C	C	78	23C	C	1	1	1
FAGA226	0.0	150.1	PS2	F	C	C	C	72	23C	C	1	1	1
FAGA226	0.0	155.6	PS2	F	C	C	C	70	23C	C	1	1	1
FAGA226	0.0	161.0	PS2	F	C	C	C	85	23C	C	1	1	1
FAGA226	0.0	165.4	PS2	F	C	C	C	85	23C	C	1	1	1
FAGA226	0.0	169.3	PS2	F	C	C	C	85	23C	C	1	1	1
FAGA226	0.0	175.1	PS2	F	C	C	C	80	23C	C	1	1	1
FAGA226	0.0	178.2	PS2	F	C	C	C	80	23C	C	1	1	1
FAGA226	0.0	181.2	PS2	F	C	C	C	80	23C	C	1	1	1

DDH: FAGA226 UTM-N: 904,497.2 UTM-E: 592,752.8 UTM-ELEV: 1,260.8 TOTAL DEPTH: 181.3 SECTION: W 52
 RFE: S2 RFE DIR: 250 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT REC CC	PARLL	UPPER PLANE	INTERNAL PLANE	LOWER PLANE	DHD
FAGA226	59.2	60.0	G		30 0	C C	99 999	1
FAGA226	84.9	89.7	G		99 999	C C	99 999	1
FAGA226	96.1	96.4	BG		0 0	C C	0 0	1

CDH: FAGA226 UTM-N: 904,497.0 UTM-E: 592,752.8 UTM-ELEV: 1,262.8 TOTAL DEPTH: 181.3 SECTION: W 52
RFE: S2 RFE DIA: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

CDH SEGMENT NOS COND INDICATOR

FAGA226	1	2
FAGA226	2	2
FAGA226	3	2
FAGA226	4	1

DIAMOND DRILL CORE LOG

Date: _____

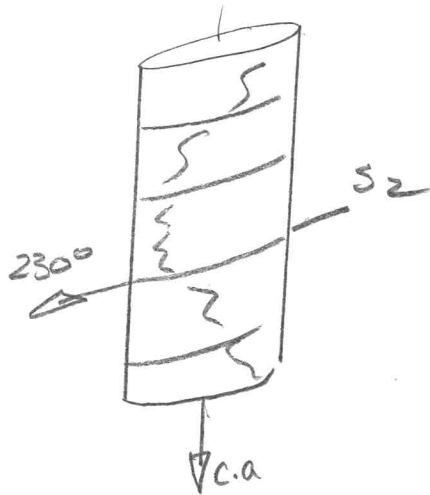
Hole Number: FAGA 226 (82A226)

Reference Fabric Orientation Diagram:

Project: 1982 Grum Drill Program

Location: VANGOROA PLATEAU

Claim: Champ 5



Terr. Plane Co-ords.: 6904497.220 N

592752.800 E

Grid Co-ords: 52W

2N

Elevation: 1262.800

All symmetry determinations looking

NW with S2 dipping

Total Depth: 181.3m (595')

SW with dip azimuth 230°.

Purpose: To test presence of HORI URP at coincident airborne EM, mag anomaly.

Reason hole Terminated: 3G to depth.

Logged by: DSJ/GAJ

Date(s) Logged: 13 June 82

Drilling Contractor: Arctic Diamond Drilling Ltd.

Size	CORE From	To	Collar Cased and Capped:
<u>NQ</u>	<u>52.4m</u>	<u>181.3m</u>	<u>yes</u>

Hole Cemented: no

Steel down hole: no

Started: June 8/82 Completed: June 11/82

NTS
CAMC
Mine
Survey

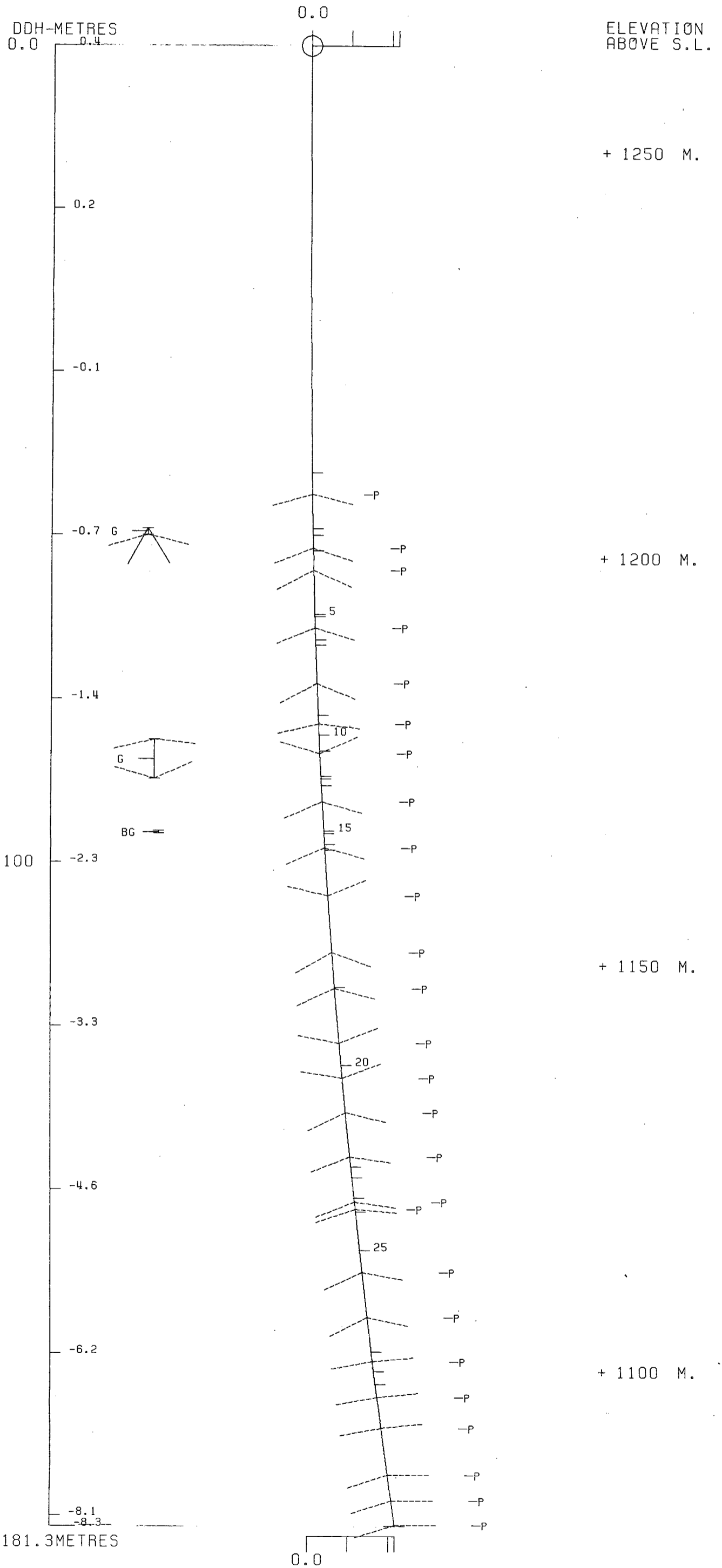
Lithologic Log

Date: 13 June Logged By: DSJ/GJ

Code	From				To				Recov.				No.	Unit	Description
	10	14	16	20	22	24	26	28	30	34	35				
L		00		524									1	*	overburden
L		524		592									2	3G0	±3 (3B3) [3D4] moderately well developed calc silicates
L		592		600									3	0P*	* = calc (3G0 GOUGE) upper contact of gouge 30/000 - gtz vein bears minor galena on fractures and more py along margin of gouge and as frags in gouge not very different from 4E - lower contact sub // S ₂
L		600		619									4	3G4	
L		619		697									5	3G0	
L		697		699									6	3B0	[5D6]
L		699		728									7	3B*	* = dolo [5C * dolo] mottled metabasite texture
L		728		734									8	3B0	[5D6]
L		734		819									9	3G0	(3G9)
L		819		843									10	3G9.3	(3F9) minor [5A0 ± 3]
L		843		863									11	3G3	pervasively foliated medium grey weakly to moderately calcareous phyllite showing no macro lithic structure not SB!! - excellent example of what not to call SB.
L		863		894									12	3G0	
L		894		897									13	3G9	GOUGE upper and lower contact // S ₂
L		897		905									14	3G0	
L		905		961									15	3G3	as unit 11
L		961		964									16	3G9	broken core and gouge upper and lower contact, ind. internal gouge x cuts S ₂ @ 45° to CA.
L		964		978									17	3G9	[5A6]
L		978		985									18	3G0	
L		985		1153									19	3G0	(3G3) minor (3B3) very minor
L		1153		1248									20	3G0	(3B3) biotitic, very calc
L		1248		1372									21	3G0	
L		1372		1385									22	3G9	
L		1385		1410									23	3G9.3	(3B3) not SA

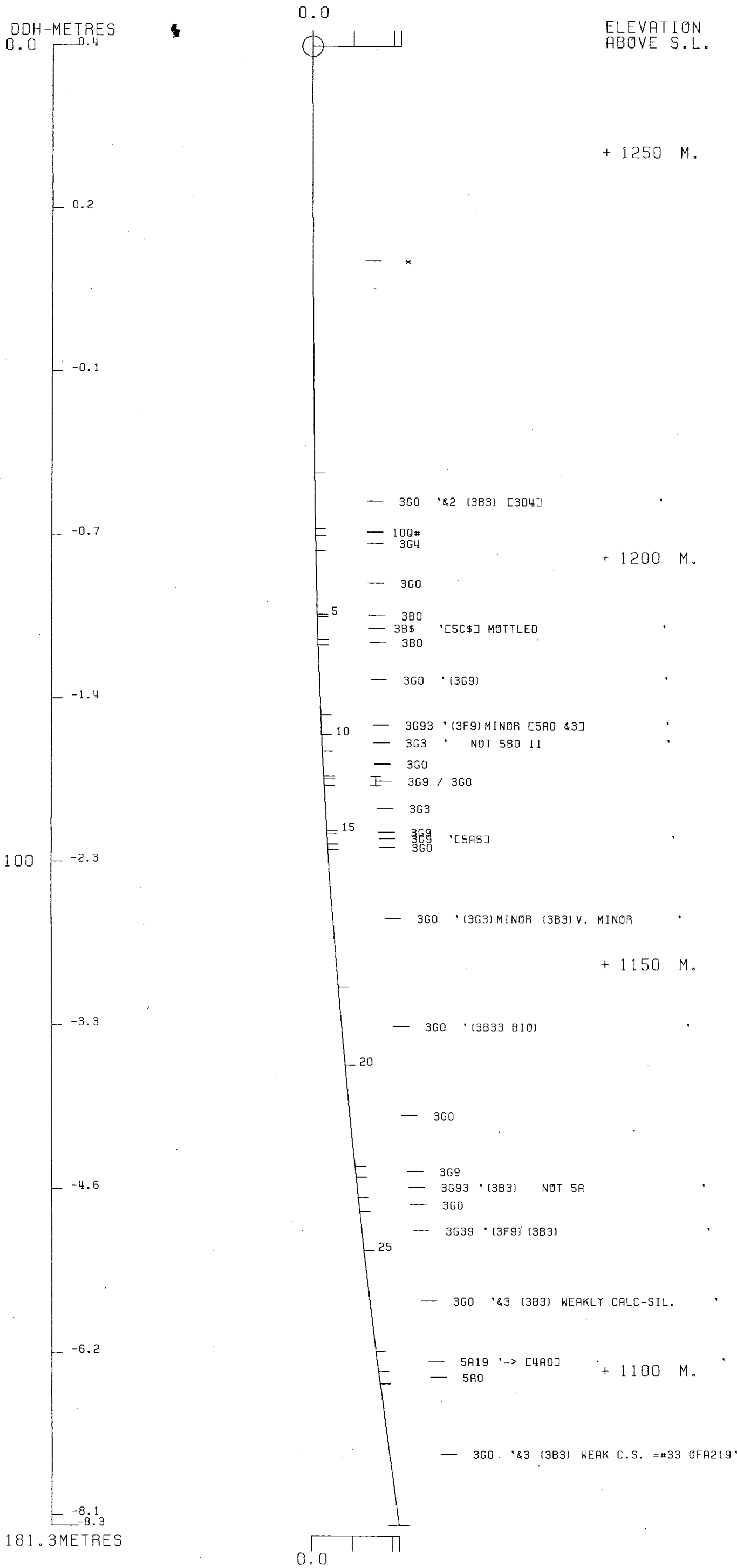
DDH: FAGA226 -- 42 DEGREE PROFILE
 (VIEW AZIMUTH = 312 DEGREES)

ELEV:1263 592753E ; 904497N
 PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0
 CORRECTED COLLAR POSITION: X = 433.6 Z = 1262.9
 SECTION NAME: 52W



DDH: FAGA226 -- 42 DEGREE PROFILE
 (VIEW AZIMUTH = 312 DEGREES)

ELEV: 1263 592753E ; 904497N
 PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0
 CORRECTED COLLAR POSITION: X = 433.6 Z = 1262.9
 SECTION NAME: 52W



81 AX 01

DRILL HOLE : FA01AX1
NORTHING : 9047653.2
EASTING : 5927906.1
ELEVATION : 1270.2
TOTAL DEPTH : 303.8
SECTION : W 52
R.F.E. : 32
RFE DIRECTION: 250
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHC CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS CORE-SAMPLES: 0
NOS DOWN-H-SURVEYS: 6
NOS DOWN-H-LITHOLOGY: 33
NOS DOWN-H-STRUCTURE: 52
NOS DOWN-H-FAULTS: 27
NOS DOWN-H-SPLINES: 6
NOS COMPOSITES: 0

15OCT84 GRUM

DOWN-HOLE SURVEYS (DH02C)

PAGE: 2

CDH: FA81AX1 UTM-N: 9047653.2 UTM-E: 5927906.1 UTM-ELEV: 1,270.8 TOTAL DEPTH: 303.8 SECTION: W 52
RFB: S2 RFB DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	190.000	0.000
63.900	146.000	20.000
117.800	174.200	50.000
178.600	170.000	61.000
239.600	172.500	54.000
300.500	170.000	35.000

GCH: FA81AX1 UTM-N: 904,453.2 UTM-E: 592,906.1 UTM-ELEV: 1,270.2 TOTAL DEPTH: 303.8 SECTION: W 52
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	END
28.3	0001	#	TRICCNED/NO RECOVERY	0.5-	1
47.2	0002	#	GRANITE BOLLDENS	0.5-	1
77.1	0003	3G9	30	0.5-	1
80.2	0004	3G9	33 MINOR	0.5-	1
80.9	0005	3F9	.	0.5-	1
93.1	0006	3G0	.	0.5-	1
93.5	0007	3B3	BIO [30]	0.5-	1
108.6	0008	3G0	.	0.5-	1
113.4	0009	3G0	3BIO 30.S. 33 MINOR 39 MINOR	0.5-	1
119.1	0010	3G90	.	0.5-	1
143.0	0011	3G0	"CALC-SILICATY" 3BIO MINOR	0.5-	1
145.7	0012	3G3	"CALC-SILICATY" BIO	0.5-	1
148.8	0013	3G0	BIO "CALC-SILICATY" MINOR	0.5-	1
149.2	0014	3G01	BIO "CALC-SILICATY"	0.5-	1
159.5	0015	3G0	"CALC-SIL." 3BIO 39 MINOR	0.5-	1
162.1	0016	3G90	.	0.5-	1
177.2	0017	3G0	39 3"CALC-SIL." 3BIO	0.5-	1
189.9	0018	3G0	C.S. ->3G90 (50:44) 50:50:MIN.	0.5-	1
192.0	0019	3XA	.	0.5-	1
202.6	0020	3G0	(1000 AND) [100 RETROGRADED]	0.5-	1
206.7	0021	100	RETROGRADED [10048]	0.5-	1
213.5	0022	100	34 38	0.5-	1
218.2	0023	1004	3 31	0.5-	1
224.7	0024	100	34 38	0.5-	1
228.0	0025	1F	BIO 33 MINOR (100) 60:40	0.5-	1
229.4	0026	100	34 38	0.5-	1
230.2	0027	1H4S	.	0.5-	1
235.0	0028	1004	3	0.5-	1
257.7	0029	100	-> 10 DOWN	0.5-	1
262.4	0030	3F0	BIO	0.5-	1
275.8	0031	3F0	BIO CALC-SIL.	0.5-	1
271.3	0032	30	AMPHIBOLE EPIDOTE	0.5-	1
303.9	0033	100	34? 38	0.5-	1

CDH: FA81AX1 UTM-N: 904,653.2 UTM-E: 592,906.1 UTM-ELEV: 1,270.3 TOTAL DEPTH: 303.3 SECTION: W 52
 RFE: S2 RFE DIR: 230 FLUNCE ANGLES: 11 312 DFD CALC: 1 SS CALC: 1

CDH	F DEPTH	T DEPTH	FEAT	SYTRY	S0 ANGLE	DIRECT	S1 ANGLE	DIRECT	S2 ANGLE	DIRECT	RFE	CDE	DHDC	SDC	PROCESS
FA81AX1	0.0	48.0	PS2		0	0	0	0	73	230	C		1	1	1
FA81AX1	0.0	54.2	PS2		0	0	0	0	78	230	C		1	1	1
FA81AX1	0.0	58.7	PS2		0	0	0	0	79	230	C		1	1	1
FA81AX1	0.0	61.8	PS2		0	0	0	0	83	230	C		1	1	1
FA81AX1	0.0	65.3	PS2		0	0	0	0	68	230	C		1	1	1
FA81AX1	0.0	72.6	PS2		0	0	0	0	77	230	C		1	1	1
FA81AX1	0.0	75.9	PS2		0	0	0	0	72	230	C		1	1	1
FA81AX1	0.0	80.5	PS2		0	0	0	0	61	230	C		1	1	1
FA81AX1	0.0	85.0	PS2		0	0	0	0	55	230	C		1	1	1
FA81AX1	0.0	90.7	PS2		0	0	0	0	75	230	C		1	1	1
FA81AX1	0.0	94.0	PS2		0	0	0	0	73	230	C		1	1	1
FA81AX1	0.0	99.7	PS2		0	0	0	0	60	230	C		1	1	1
FA81AX1	0.0	104.0	PS2		0	0	0	0	73	230	C		1	1	1
FA81AX1	0.0	107.0	PS2		0	0	0	0	64	230	C		1	1	1
FA81AX1	0.0	114.5	PS1	Z	0	0	0	0	61	230	C		1	1	1
FA81AX1	0.0	120.7	PS2		0	0	0	0	80	230	C		1	1	1
FA81AX1	0.0	127.7	PS2		0	0	0	0	63	230	C		1	1	1
FA81AX1	0.0	131.6	PS2		0	0	0	0	80	230	C		1	1	1
FA81AX1	0.0	138.0	PS2		0	0	0	0	78	230	C		1	1	1
FA81AX1	0.0	143.3	PS2		0	0	0	0	80	230	C		1	1	1
FA81AX1	0.0	149.1	PS2		0	0	0	0	85	230	C		1	1	1
FA81AX1	0.0	150.2	PS2		0	0	0	0	82	230	C		1	1	1
FA81AX1	0.0	153.6	PS2		0	0	0	0	73	230	C		1	1	1
FA81AX1	0.0	155.7	PS2		0	0	0	0	34	230	C		1	1	1
FA81AX1	0.0	159.0	PS2		0	0	0	0	65	230	C		1	1	1
FA81AX1	0.0	162.7	PS2		0	0	0	0	75	230	C		1	1	1
FA81AX1	0.0	167.2	PS2		0	0	0	0	63	230	C		1	1	1
FA81AX1	0.0	172.0	PS2		0	0	0	0	70	230	C		1	1	1
FA81AX1	0.0	180.5	PS2		0	0	0	0	63	230	C		1	1	1
FA81AX1	0.0	184.3	PS2		0	0	0	0	66	230	C		1	1	1
FA81AX1	0.0	194.7	PS2		0	0	0	0	67	230	C		1	1	1
FA81AX1	0.0	201.2	PS2		0	0	0	0	72	230	C		1	1	1
FA81AX1	0.0	208.7	PS2		0	0	0	0	85	230	C		1	1	1
FA81AX1	0.0	212.7	PS2		0	0	0	0	40	230	C		1	1	1
FA81AX1	0.0	219.2	PS2		0	0	0	0	52	230	C		1	1	1
FA81AX1	0.0	223.1	PS2		0	0	0	0	65	230	C		1	1	1
FA81AX1	0.0	227.5	PS2		0	0	0	0	66	230	C		1	1	1
FA81AX1	0.0	236.7	PS2		0	0	0	0	75	230	C		1	1	1
FA81AX1	0.0	241.0	PS2		0	0	0	0	77	230	C		1	1	1
FA81AX1	0.0	250.1	PS2		0	0	0	0	34	230	C		1	1	1
FA81AX1	0.0	255.2	PS2		0	0	0	0	72	230	C		1	1	1
FA81AX1	0.0	259.7	PS2		0	0	0	0	77	230	C		1	1	1
FA81AX1	0.0	265.7	PS2		0	0	0	0	73	230	C		1	1	1
FA81AX1	0.0	272.3	PS2		0	0	0	0	90	230	C		1	1	1
FA81AX1	0.0	277.3	PS2		0	0	0	0	67	230	C		1	1	1
FA81AX1	0.0	282.6	PS2		0	0	0	0	90	230	C		1	1	1
FA81AX1	0.0	287.1	PS2		0	0	0	0	90	230	C		1	1	1
FA81AX1	0.0	288.4	PS2		0	0	0	0	75	230	C		1	1	1
FA81AX1	0.0	291.0	PS2		0	0	0	0	85	230	C		1	1	1
FA81AX1	0.0	294.2	PS2		0	0	0	0	1	230	C		1	1	1
FA81AX1	0.0	298.0	PS2		0	0	0	0	75	230	C		1	1	1

15OCT84 GRUM

DOWN-HOLE STRUCTURE (DHC20)

PAGE: 5

DDH: FA81AX1 UTM-N: 9047653.2 UTM-E: 5927906.1 UTM-ELEV: 1270.8 TOTAL DEPTH: 303.6 SECTION: W 52
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYTRY	S0	ANGLE	DIRECT	S1	ANGLE	DIRECT	S2	ANGLE	DIRECT	RFE	CDE	DHCC	SDC	PROCESS
FA81AX1	0.0	303.6	PS2		C		C	C		C	63		230	C		1	1	1

150CT84 GRUM

DOWN-HOLE FAULTS (DHCEO)

PAGE: 6

DCH: FA81AX1 UTM-N: 904,657.2 UTM-E: 592,906.1 UTM-ELEV: 1,270.8 TOTAL DEPTH: 303.8 SECTION: W 52
 REF: S2 REF DTC: 330 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DCH	F DEPTH	T DEPTH	FEAT	REC	CC	PARLL	UPPER PLANE	INTERNAL PLANE	LOWER PLANE	DHD
FA81AX1	47.2	77.1	2BT		8		0	0	0	1
FA81AX1	77.1	80.0	3BR		9		0	0	0	1
FA81AX1	80.0	80.0	2B				0	0	0	1
FA81AX1	80.9	82.0	3BR		7		0	0	0	1
FA81AX1	95.3	97.3	1B				0	0	0	1
FA81AX1	97.3	99.3	2BR				0	0	0	1
FA81AX1	0.C	109.4	G				0	0	0	1
FA81AX1	109.5	110.2	2B				0	0	0	1
FA81AX1	0.C	110.3	G				0	0	0	1
FA81AX1	110.4	115.4	1B				0	0	0	1
FA81AX1	115.4	119.1	2B				0	0	0	1
FA81AX1	119.1	145.7	1B				0	0	0	1
FA81AX1	145.7	148.9	1BT				0	0	0	1
FA81AX1	149.2	154.4	1B				0	0	0	1
FA81AX1	154.4	158.1	RTG				0	0	0	1
FA81AX1	158.1	159.5	1B				0	0	0	1
FA81AX1	161.C	161.3	R1G				0	0	0	1
FA81AX1	162.1	169.7	2B				0	0	0	1
FA81AX1	169.7	172.7	3BR		5		0	0	0	1
FA81AX1	172.3	177.2	2B				0	0	0	1
FA81AX1	173.9	179.1	G				27	100	0	1
FA81AX1	177.2	189.0	2BR				0	0	0	1
FA81AX1	189.9	192.0	3XR		2		0	0	0	1
FA81AX1	192.C	202.6	2BR		7		0	0	0	1
FA81AX1	192.C	202.6	1XF				0	0	0	1
FA81AX1	202.6	203.4	3B				0	0	0	1
FA81AX1	273.4	274.6	1R				0	0	0	1

15OCT84 GRUM

DOWN-HOLE SPLINES (DH020)

PAGE: 7

DDH: FA81AX1 UTM-N: 904,653.0 UTM-E: 592,906.1 UTM-ELEV: 1,270.8 TOTAL DEPTH: 303.3 SECTION: W 52
RFE: S2 RFE DIF: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH SEGMENT NOS COND INDICATOR

FA81AX1	1	2
FA81AX1	2	2
FA81AX1	3	2
FA81AX1	4	2
FA81AX1	5	2
FA81AX1	6	1

**THIS REPORT WAS REQUESTED BY: LEEP .GEOLOGY AT: 10:20:00

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: FAB14X1

Reference Fabric Orientation Diagram:

Project: Vangorda Plateau Remap

Location: _____

Claim: _____

Terr. Plane Co-ords.: 6904653.182 N

CAMC MINE SURVEY

592906.114 E

Grid Co-ords: GRUM 52W/09N

Elevation: 1270.751 metres

All symmetry determinations looking

Total Depth: 303.9 metres

DW with 52 dipping

Inclination: -90°

SW with dip azimuth 230.

Purpose: Dumpsite DDH

Reason hole Terminated: _____

Logged by: LCP/GAS

Date(s) Logged: Aug 6/1984

Drilling Contractor: ARCTIC

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

Hole Cemented: _____

Steel down hole: _____

Started: _____ Completed: _____

DDH FLAX 01
 2 8
 metres.

Cyprus Anvil Mining Corp.
 Lithologic Log

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Date: 6 Aug 84 Logged By: LCP/GAJ

Code	From	To	Recov.	No.	Unit	Description
	10	14	16	20	22 24 26 28 30 34 35	
L	00	288		1	#	traced no recvy
L	288	472		2	#	granitic boulders - 5.5m recvd.
L	472	771		3	3G9 ±0	med grey to dk grey, non calc, ps ₂ Foliated, homogenous phyllite; S ₂ folia weath rusty orange brown; Thickly banded between med and dk grey; dk grey bands locally 1-2m thick Short intervals 20cm - 50cm of brown & green/blue green banded non calc bio-act phyllite / calc silicate at 72-72.4 & 76.6-76.8 Core is moderately to very broken locally poker chippy no faults 80% recvy overall RPD = .01! 10cm granite boulder at 69.3 ≈ 70% dk grey 30% med grey
L	771	802		4	3G9 ±3 minor	dk grey med soft to med hard, ps ₂ Fol., homogenous phyllite, generally non calc with thin dark slightly calc bands up to 3cm thick - S ₂ folia weath orange brown locally Core is very broken to rubble ~90% recvy no significant faults
L	802	809		5	3F9	dk grey ps ₂ Fol, med soft to med hard, finely xln, calcite mbl has beaded white gtz texture. med broken, recvy OK poor excuse for the usual carbonaceous phyllite/3F9 pkg.

Code	From	To	Recov.	No.	Unit	Description
L	80.9	93.1		6	360	<p>mod soft to soft, med to med dk grey, P₅ Fol. non calc phyllite. poorly laminated in shades of grey possibly related to slightly more gtease bands/lamine (locally = microlithons) best developed in last 1/2 of interval - no distinct green disseminated mineral in gtease bands. (10 A7-36) Core is v. broken - rubble to 82.9 1.5/2.0 m recovd remainder of unit is intact</p>
L	93.1	93.5		7	383	<p>Bio [30-] banded brown & green, mod soft, slightly calcareous phyllite - calcite mainly in thin gte-calcite-calc sil bands/veins - upper ^{flawed} contacts sharp. brown = bio intact</p>
L	93.5	106.6		8	360	<p>mod soft, med grey to med dk grey, P₅ Fol, non calc Phyllite - overall homogeneous; thinly to thickly lam in shades of grey due to gtease bands locally with minor disseminated green mineral ± minor biotite 15 cm green & brown band as #7 at 95.5 calc-sil? 93.5-97.3 = med broken to intact 97.3-99.3 = med broken with local rubble & conc. gtease zones recov ok. 99.3-EoI = intact to med broken</p>

DDH 81AX01
2 8Cyprus Anvil Mining Corp.
Lithologic LogPage 5 of _____Date: _____ Logged By: LCP/GAJ

Code	From	To	Recov.	No.	Unit	Description
1	10 14 16 20 22 24 26 28 30 34 35					
L	106.6	115.4		9	3G01	± bio ± calc sil ± 3 minor ± 9 minor upper contact is 1 st appearance of sparse calcite biotite gtz po laminae to bands. med soft to mod hard, PS ₂ foliated med grey to med dk grey - Biotite and actinolite(?) are locally readily visible in bands - Lower contact is a color break to slightly darker phyllites chosen to correspond to previously logged unit 106.6 - 109.4 = intact 109.4 - 110.3 = mod broken with 10 cm gouges at top and bottom both IND 110.3 - 115.4 = ^{mod} broken to intact
L	111.54	111.91		10	3G90	mod soft to mod hard, PS ₂ striped to PS ₂ fol dk grey to blk homog phyllite. Non calc. Very minor discontinuous po streaks along S ₂ S ₂ folia v. dark grey mod broken
L	111.91	114.30		11	3G10	"calc silicatey" ± bio minor mod hard to mod soft, unq. to mod dk grey, unbreak overall homog PS ₂ fol. Phyllite. Contains ^{granular} gtz bands with disseminated mineral ± po ± bio ranging from 1 cm to > 30 cm thick - mainly < 10 cm. - Locally lithoned generally very thinly banded to thickly laminated intact to mod broken, revery good

note possible black porphs after andalusite or
chloritoid

Code	From	To	Recov.	No.	Unit	Description
L 11430	11457			12	363	calc silicity + bio
						similar to #11 but has bands up to 15cm thick of calcite
						bio actinolite(?)
						bio like more evident in this interval than above
						und broken to intact good recovery
L 11457	11488			13	361	bio + calc silicity minor
						act to moderately hard, ps fol, med gray, non-
						calc phyllite
						Bands up to 30cm thick have abundant bio in matrix
						contains granular gneiss bands with distinct actinolite - these
						bands also carry most of the biotite as opposed to
						phyllite bands.
						und broken to intact local pakerchippy
L 11488	11492			14	361	bio + calc silicity
						homogenous med soft ps fol granular looking slightly calc
						biotactinolite phyllite (chlorite?) bio > actinolite
						separated out since slightly calcareous - also happens to
						be more bio rich -
						closely related to granular gneiss bands in
						adjoining units
						intact
L 11492	11595			15	361	calc silicity + bio = granular
						med to med dk gray, non calc homogeneous, soft, ps fol,
						phyllite. Abundant granular gneiss bands locally
						with bio in matrix to actinolite/chlorite - typical of

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

36" calc silicity whatever that means.

149.2-154.4 = intact to med broken

154.4-158.1 = pakerchippy, rrbby, v. broken, incipiently, very OK = minor and fault

158.1-159.5 = intact to med broken.

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	159.5	162.1		116	3G90	mod soft PS ₂ fol non calc dk grey phyllite v. minor thin streaky discontinuous po laminae - minor granular gtzose bands intact but for 161.0-161.3 is rubble & imp. gage.
L	162.1	177.2		117	3GP ±	9 ± "calc silicatey" ± bio mid grey ^{to mid dk grey} PS ₂ fol, mod soft to mod hard, non calc. Phyllite Locally has granular gtz bands with act/chl ± locally bio Lower contact is structural contact not strictly lithostratigraphic No andol visible. Thickly banded in shades of grey Core mod broken to locally very broken Tot -169.7 169.7-173.2 = v. broken to rubble ~80% recov 173.2-EUI = m broken to locally v. broken.
L	177.2	189.9		118	3GP ₁	calc silicatey → 3G90 (SD64) downwards so:so:minor upper contact is start of local interleaved fault rock and shearing along S ₂ producing structural truncation of S ₂ // bands/lithons → unit similar to above unit - 3G with gran gtz bands with actinolite/chlorite. Downwards unit changes from m. grey to m. dk grey lose granular gtz bands and appear to gain thin SD6 tuff bands at ~186.5 Unit is noncalc. mod soft to soft, lowermost 1m has off reme slightly bleached appearance and its uncertain whether this is derived from phyllite or the underlying schist unit.

DDH 81AX01
2 8

Cyprus Anvil Mining Corp.
Lithologic Log

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Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
1	10 14 16 20 22 24 26 28 30 34 35					
						Core is overall well broken to rubble, recy ok 178.9 - 179.1 = 20 cm gouge. - related to steep fault at 27°/100° (=upper contact)
L	189 9	192 0		19	BXA	dk grey ± lt grey fth rx marking transition from generally darker rx up hole ± lighter rx down hole - interval all rubble. - internal scaly foliation at ~35° to core axis - locally slickensided Steep fractures at bottom This would have to be the major marker between units 17 and 21 ??? 0.6/2.2 m recvd.
L	192 0	202 6		20	BSO	(1000 and) [ICD retrograded] mid grey moderately soft non calcareous S ₂ foliated Phyllite? locally with zones of disturbed S ₂ - locally rubble and with minor undeformed fault rock. lower contact is marked by the highest point where convincing schist with biotite is seen. entire unit may be retrograded schist - very broken to rubble ~70% recy overall contains small in quartz veins

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	2026	2067		21	ICD	retrograded [ICD48] mid soft to mid hard PS ₂ fol, med greenish gray, non calc. schist no retrograded to overall greenish color - can see relict porphs of staur biotite ± garnet ± possible andul clots - contains minor g to veins with coarse pink andul. lower contact is based on more readily visible biotite in original rock T.I to 203.4 is broken 203.4 - EOE is intact
L	2067	2135		22	ICD	±4±8 same as last unit bio musc, staur like, ± andul (minor) schist with only patchy retrograding - well developed S ₂ banding Minor andul clots retrograded to dk green. 211.2 - 211.3 = SC34 leopard rock, calcareous Intact
L	2135	2182		23	ICD48±1	mid soft to hard, m. green, chloritic phyllite contains intervals of relict ICD schist - contains abundant fractures with stringy irregular PU at acute angle to core axis near these fractures core is harder. Fracture controlled alteration of pelites implied by relict schist texture, relict andul. ± degree of fracturing upper contact sharp 11 S ₂ & marked by change from bio to chl - lower contact gradual with gradual return of "matrix" biotite intact

Code	From	To	Recov.	No.	Unit	Description
L 2182	2247			24	ICD	74±8
						bioherm staur andul. (both fresh & green chlo) schist with variable retrograde(?) chl (in "matrix")
						intact - as unit 22
L 2247	2280			25	IF	810±3mm(1CD) 60:40
						moderated to herd, ps. foliated, homogeneous chl phyllite with thin discont. bio rich bands (~5% of these chl phyllites) contains interbands of typical bio nurse staur ICD schist. 15-30 cm thick
						bottom 0.5m is slightly calc.
						uncertain whether altered pelites or metabasites - contact with definite pelite sharp 115, this plus hornog nature of chlx suggests possible metab.
						intact
L 2280	2294			26	ICD	54±8
						nurse bio staur minor andul schist - also contains iron m. green andul? clots - minor "matrix" chl
						intact
L 2294	2302			27	IFHIF	
						homogenous, fair wealth, off crease, fine grained, globular metabasite - more foliated on margins around fractures
L 2302	2350			28	ICD	148
						mod soft homogenous in mass, non calc. chl phyllite/schist locally with good reflect ICD schist textures - locally homing to partly banded in streaks of green to olive green - looks like a high grade equivalent to the SR8/5D problem unit

polite: what's possible metab. G.E.H. lives at amphibole facies... confusion reigns. core intact

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

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	2350	2577		29	1CD	→ IC downwards. bio, musc, staur, garnet, chl schist - homogeneous - PS ₂ foliated. Abundant staurolite - mod to minor but ubiquitous garnet. Locally has white spotted appearance due to possible small plagioclase porphs. minor green chlorite and clots at top of interval upper portion of interval also marked by porphyroblastic biotite in a musc rich matrix (with minor chl) most bio along S ₂ however. [not clear in context of this hole whether looking at new bio on retrograde schist or just new bio in matrix with minor unreacted chlorite] lowermost 20 cm is med green slightly calcareous and appears to be amphibole rich transition to next unit - Not clear if ^{breccia} metasomatic interaction or just a compositional gradation - LCP favors latter. Transitional lithology since andalusite is not so visible at end of unit
L	2577	2684		30	3F0	Bio med hard thickly lens - very thinly banded med xln blue grey mbl with abundant brown biotitic banding bands/lamine. 30-50% silicate assemblage. Intact

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	2684	2758		31	3FO	biot+calc sil similar to above but get interbands of med green calcilicate (actinolite) with biotite bands banded silicates really up to 50cm thick but generally v. thinly banded to thickly laminated - overall core intact 273.4-274.6 = local rubble + calc sil layers are creme/white soft pinky clay (?) - possible small fault or groundwater leaching
L	2758	2783		32	3D1	amph + ep. hard, m. green, homogeneous, PS ₂ foliated, non calc to locally slightly calc. chloritic schist - only minor matrix calcite most is in xcutting calcite+glt+po fractures yellowish green color interbanded with darker med. green suggests epidote bearing interbanded with actinolite/chlorite bearing Overall texture suggests altered pelite with fracture controlled metasomatism to calc silicate (= "Intuitive Guess" i.e. B.S.) intact
L	2783	3039		33	1CO	±4±8 musc biotite, staur, garnet, gte chl schist PS ₂ fol. well developed garnets - no readily visible andalusite - no readily visible chlorite clotting but does have chl in "matrix" intact - as with all the schists in this hole there is some question if the chl. is retrograde or relict unreacted prograde assemblage thus the ±4±8

303.9 = EOH

DDH 81 AX 01
 2 m. 8

Cyprus Anvil Mining Corp.
 Structural Log

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 Date: _____ Logged By: LCP/GAJ

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
S				480			P.S.R							73		
S				542			P.S.R							78		
S				587			P.S.R							79		CSN = 42/000
S				618			P.S.R							83		CSN = 40/180
S				653			P.S.R							68		
S				726			P.S.R							77		
S				759			P.S.R							72		
S				805			P.S.R							61		
S				850			P.S.R							55		CSN = 15/035
S				903			P.S.R							75		CSN = 30/040
S				940			P.S.R							73		CSN = 50/000 ± 25/000 due to refraction?
S				997			P.S.R							60		CSN 25/000
S				1040			P.S.R							78		CSN 45/200
S				1070			P.S.R							64		
S				1145			P.S.R Z							61		→ CS ₂
S				1209			P.S.R							80		
S				1273			P.S.R D							68		→ CS ₂
S				1316			P.S.R							80		
S				1380			P.S.R							78		
S				1433			P.S.R							80		
S				1491			P.S.R							85		
S				1508			P.S.R							82		CSN = 56/180
S				1536			P.S.R							78		
S				1557			P.S.R							34		
S				1590			P.S.R							65		
S				1627			P.S.R							75		
S				1672			P.S.R							63		
S				1720			P.S.R							70		
S				1805			P.S.R							63		
S				1848			P.S.R							66		CSN = 29/000
S				1943			P.S.R							67		
S				2012			P.S.R							72		CSN = 40/000
S				2083			P.S.R							85		CSN = 35/000
S				2127			P.S.R							40		
S				2198			P.S.R							52		

note
 L2 is
 poss. b/c
 close to
 clean
 dip

Structural Log

Code	From				To				Feature	SYM	S ₀		S ₁		S ₂		Description	
	10	14	16	20	22	24	26	28			Dip	Direct.	Dip	Direct.	Dip	Direct.		
W				2231					PSZ							65		
W				2325					CSZ							66		→ PS ₂ could be CS _N
W				2367					PSZ							75		
W				2410					PSZ							77		
W				2501					PSZ							84		
W				2552					PSZ							72		→ CS ₂ could be CS _N
S				2597					PSZ							77		
W				2657					PSZ							73		
S				2723					PSZ							90		
S				2783					PSZ							67		
S				2826					PSZ							90		
S				2871					PSZ							90		CS _N = 70 could be S ₂ ???
W				2911					PSZ							85		CS _N 45/180
W				2884					PSZ							75		CS _N 82/000 CS _N =1 40/000
S				2942					PSZ							01		CS _N 80
W				2980					PSZ							75		Fracture elev. 32/180
S				3036					PSZ							63		

see log of 81AX05

DDH 81A.X01
 2 8
 meters

Cyprus Anvil Mining Corp.

Page 15 of _____

F ^{FAULT} ~~Structural~~ Log

Date: _____ Logged By: _____

Code	From		To		Feature	SYM	Dip Direct.		Dip Direct.		Dip Direct.		Description	
	10	14	16	20			22	24	26	28	32	34		38
		47	2		77	1	2, BT	8						
		77	1		80	2	3, BR	9						
		80	2		80	9	2, B							
		80	9		82	9	3, BR	7						
		95	3		97	3	1, B							
		97	3		99	3	2, BR							
		109	5		111	0	2, B							
					110	9	4, G							
					110	3	6, G							
		111	0		115	4	1, B							
		115	4		119	1	2, B							
		119	1		145	7	1, B							
		145	7		148	8	1, BT							
		149	2		154	4	1, B							
		154	4		158	1	RTG							
		158	1		159	5	1, B							
		161	0		161	3	R, IG							
		162	1		169	7	2, B							
		169	7		172	3	3, BR	8						
		172	3		177	2	2, B							
		177	2		189	9	2, BR							
		178	9		179	1	G	27	100					
		189	9		192	0	3, XR	2						scaly foln at 35° to CA
		192	0		202	6	2, BR	7						
		192	0		202	6	1, X, F							
		202	6		203	4	3, B							
		273	4		274	6	1, R							

DRILL HOLE : FA81AX1
NORTHING : 904,653.2
EASTING : 592,906.1
ELEVATION : 1,270.8
TOTAL DEPTH : 303.8
SECTION : W 52
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: 0
NOS DOWN-H-SURVEYS: 6
NOS DOWN-H-LITHOLOGY: 23
NOS DOWN-H-STRUCTURE: 45
NOS DOWN-H-FAULTS: 19
NOS DOWN-H-SPLINES: 6
NOS COMPOSITES: 0

DDH: FAB1AX1 UTM-N: 904,653.2 UTM-E: 592,906.1 UTM-ELEV: 1,270.8 TOTAL DEPTH: 303.8 SECTION: W 52
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
68.900	166.000	28.000
117.600	174.200	58.000
178.600	170.000	61.000
239.600	172.500	54.000
300.500	170.000	35.000

ODH: FA81AX1 UTM-N: 904,653.2 UTM-E: 592,906.1 UTM-ELEV: 1,270.8 TOTAL DEPTH: 303.8 SECTION: W 52
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
47.2	OC01	#		0.5-	1
61.1	OC02	3G9		0.5-	1
82.9	OC03	3GC	STR(QTZ-CHL-CC)-WK (3G9)MINOR	0.5-	1
87.6	OC04	3GC	&STR(QTZ-CHL-PO)	0.5-	1
93.6	OC05	3GC	STR(QTZ-CHL-PC) BIO-E.O.I.	0.5-	1
96.6	OC06	3GC		0.5-	1
103.6	OC07	3GC	STR(QTZ-CHL-CC-PC)	0.5-	1
114.3	OC08	3GC	STR(CC-CHL-PC) (3G9)MIN BIO	0.5-	1
115.4	OC09	3GC	STR(PO)-WEAK	0.5-	1
119.1	OC10	3G9	STR(PO)-WEAK	0.5-	1
138.8	OC11	3GC	&9 STR(PO)-WEAK	0.5-	1
154.5	OC12	3GC	STR(QTZ-CHL-CC-PC) BIO-MINOR	0.5-	1
156.0	OC13	3G9		0.5-	1
159.5	OC14	3GC	GCUGE	0.5-	1
162.1	OC15	3G9	STR(PO) WEAK N.B. STR=4L6??	0.5-	1
185.4	OC16	3GC	(3G9) MINCR	0.5-	1
188.2	OC17	3G9		0.5-	1
203.3	OC18	3GC		0.5-	1
234.9	OC19	3GC	BIO-MINOR (3B1) (3F0)	0.5-	1
257.4	OC20	3GC	BIO-STAU-GAR SCHST (3D0) (3B0)	0.5-	1
275.7	OC21	3FC	PCROUS BROKEN	0.5-	1
278.3	OC22	3FC	[3B3? 3D ?]	0.5-	1
303.9	OC23	3GC	BIO-STAU-GAR SCHST	0.5-	1

DDH: FA81AX1 UTM-N: 904,653.2 UTM-E: 592,906.1 UTM-ELEV: 1,270.8 TOTAL DEPTH: 303.8 SECTION: W 52
 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			
FA81AX1	0.0	47.9	CS2	0	0	0	C	77	230	C	1	1	1
FA81AX1	0.0	54.5	CS2	0	0	0	C	77	230	C	1	1	1
FA81AX1	0.0	62.7	CS2	0	0	0	C	60	230	C	1	1	1
FA81AX1	0.0	66.0	CS2	0	0	0	C	74	230	C	1	1	1
FA81AX1	0.0	72.7	CS2	0	0	0	C	76	230	C	1	1	1
FA81AX1	0.0	79.7	CS2	0	0	0	C	66	230	C	1	1	1
FA81AX1	0.0	84.8	CS2	0	0	0	C	51	230	C	1	1	1
FA81AX1	0.0	90.0	CS2	0	0	0	C	62	230	C	1	1	1
FA81AX1	0.0	95.6	CS2	0	0	0	C	66	230	C	1	1	1
FA81AX1	0.0	101.2	CS2	0	0	0	C	70	230	C	1	1	1
FA81AX1	0.0	106.5	CS2	0	0	0	C	53	230	C	1	1	1
FA81AX1	0.0	111.7	CS2	0	0	0	C	66	230	C	1	1	1
FA81AX1	0.0	117.4	CS2	0	0	0	C	75	230	C	1	1	1
FA81AX1	0.0	123.2	CS2	0	0	0	C	75	230	C	1	1	1
FA81AX1	0.0	127.0	CS2	0	0	0	C	63	230	C	1	1	1
FA81AX1	0.0	132.5	CS2	0	0	0	C	77	230	C	1	1	1
FA81AX1	0.0	137.2	CS2	0	0	0	C	63	230	C	1	1	1
FA81AX1	0.0	143.1	CS2	0	0	0	C	72	230	C	1	1	1
FA81AX1	0.0	148.6	CS2	0	0	0	C	82	230	C	1	1	1
FA81AX1	0.0	154.0	CS2	0	0	0	C	77	230	C	1	1	1
FA81AX1	0.0	155.8	CS2	0	0	0	C	35	230	C	1	1	1
FA81AX1	0.0	159.2	CS2	0	0	0	C	70	230	C	1	1	1
FA81AX1	0.0	163.8	CS2	0	0	0	C	65	230	C	1	1	1
FA81AX1	0.0	169.5	CS2	0	0	0	C	66	230	C	1	1	1
FA81AX1	0.0	173.4	CS2	0	0	0	C	45	230	C	1	1	1
FA81AX1	0.0	184.2	CS2	0	0	0	C	68	230	C	1	1	1
FA81AX1	0.0	193.5	CS2	0	0	0	C	67	230	C	1	1	1
FA81AX1	0.0	199.5	CS2	0	0	0	C	72	230	C	1	1	1
FA81AX1	0.0	205.0	CS2	0	0	0	C	80	230	C	1	1	1
FA81AX1	0.0	210.5	CS2	0	0	0	C	77	230	C	1	1	1
FA81AX1	0.0	216.2	CS2	0	0	0	C	50	230	C	1	1	1
FA81AX1	0.0	221.9	CS2	0	0	0	C	68	230	C	1	1	1
FA81AX1	0.0	232.4	CS2	0	0	0	C	70	230	C	1	1	1
FA81AX1	0.0	235.9	CS2	0	0	0	C	80	230	C	1	1	1
FA81AX1	0.0	241.8	CS2	0	0	0	C	70	230	C	1	1	1
FA81AX1	0.0	246.2	CS2	0	0	0	C	75	230	C	1	1	1
FA81AX1	0.0	254.2	CS2	0	0	0	C	80	230	C	1	1	1
FA81AX1	0.0	261.6	CS2	0	0	0	C	70	230	C	1	1	1
FA81AX1	0.0	269.5	CS2	0	0	0	C	67	230	C	1	1	1
FA81AX1	0.0	278.3	CS2	0	0	0	C	72	230	C	1	1	1
FA81AX1	0.0	283.2	CS2	0	0	0	C	75	230	C	1	1	1
FA81AX1	0.0	288.7	CS2	0	0	0	C	85	230	C	1	1	1
FA81AX1	0.0	293.3	CS2	0	0	0	C	83	230	C	1	1	1
FA81AX1	0.0	297.6	CS2	0	0	0	C	79	230	C	1	1	1
FA81AX1	0.0	301.3	CS2	0	0	0	C	79	230	C	1	1	1

DDH: FA81AX1 UTM-N: 904,653.2 UTM-E: 592,906.1 UTM-ELEV: 1,270.8 TOTAL DEPTH: 303.8 SECTION: W 52
 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	
FA81AX1	77.4	78.7	1R				C	0	C	0	1
FA81AX1	81.1	82.9	1R				0	0	C	0	1
FA81AX1	97.3	97.4	1G				0	0	C	0	1
FA81AX1	98.1	98.5	1G				0	0	C	0	1
FA81AX1	109.4	109.5	1G				0	0	C	0	1
FA81AX1	110.2	110.3	1G				0	0	C	0	1
FA81AX1	113.3	113.4	Q				0	0	C	0	1
FA81AX1	140.5	140.9	Q				0	0	C	0	1
FA81AX1	0.0	154.9	1G				0	0	C	0	1
FA81AX1	156.0	157.5	SG				0	0	C	0	1
FA81AX1	161.1	161.5	G				0	0	C	0	1
FA81AX1	178.9	179.1	G				0	0	C	0	1
FA81AX1	188.2	188.5	Q				0	0	C	0	1
FA81AX1	190.0	190.4	1G				0	0	C	0	1
FA81AX1	195.4	195.5	1G				0	0	C	0	1
FA81AX1	196.3	196.4	1G				0	0	C	0	1
FA81AX1	219.4	221.0	XF?				0	0	C	0	1
FA81AX1	228.4	228.7	Q				0	0	C	0	1
FA81AX1	257.4	275.7	2B				0	0	C	0	1

12APR84 GRUM

DOWN-HOLE SPLINES (DH020)

PAGE: 6

DDH: FA81AX1 UTM-N: 904,653.2 UTM-E: 592,906.1 UTM-ELEV: 1,270.8 TOTAL DEPTH: 303.8 SECTION: W 52
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH SEGMENT NOS COND INDICATOR

FA81AX1	1	2
FA81AX1	2	2
FA81AX1	3	2
FA81AX1	4	2
FA81AX1	5	2
FA81AX1	6	1

**THIS REPORT WAS REQUESTED BY: LEEP .GEOLOGY AT: 14:13:12

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

FA 81AX1

Hole Number: B1-AX-01

Fabric Orientation Diagram:

Project: _____

Location: VANBORDA PLATEAU

Claim: _____

VTM
Terr. Plane
Co-ords.: 6904653.182 N

CAME
Mine Survey

592906.114 E

Grid
Co-ords.: 52W /

All symmetry determinations looking

_____ with _____ dipping

Elevation: 1270.751 m.

_____ with dip azimuth _____.

Total Depth: 303.9 m.

Purpose: _____

Logged by: PN

Date(s) Logged: MAR. 20-21 / 01

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

NQ 0 EOH

Started: _____ Completed: MAR. 20 / 01

Lithologic Log

Logged By: PAI

Code	From	To	Unit	Code	Description	
	10	14	16	20	22 23 25 27	
L	10	14.72	1			o/B; granitic & diorite boulders; rusty weathering along SZ planes; dk. grey colour; minor gtz bands & veins parallel to SZ;
L	14.72	16.11	2	3G,9		numerous gtz-chl-calc veins SZ; numerous gtz-chl-calc veins SZ; rusty weathering along SZ planes; po stringers & gtz-chl-calc veins at 68.4m; w/ lithobands of 3G9; rk. chip recovery 77.4-78.7m; oqo 75.8-75.9m; rk. chips 81.1-82.9m; med. - dk. grey;
L	16.11	18.29	3	3G,0		gtz bands SZ w/ gtz-chl-po fensitic gash fillings & SZ 82.9-83.6m; med. grey; no weathering;
L	18.29	18.76	4	3G,0		numerous ^{numerous} gtz-chl-po bands SZ; bt-chl. rich 93.2-93.6m;
L	18.76	19.36	5	3G,0		as unit 5 w/ numerous gtz-chl-calc-apo bands SZ; gauge 97.3-97.4, 98.1-98.5, calc. bands SZ 106.7-107.0m; minor 3G9; calc ^{chl-po} fensitic gash fillings; minor bt. development 108.0m towards EOH; gauge 109.4-109.5, 110.2-110.3m; 6QO 113.3-113.4
L	19.36	19.66	6	3G,0		w/ minor (2 1/2% ^{numerous} apo bands SZ) & po blebs; dk. grey
L	19.66	110.36	7	3G,0		w/ po bands as in unit 9;
L	110.36	111.43	8	3G,0		w/ minor (<1%) po bands; few gtz-chl-calc-po veins SZ; grades to & out of 3G9;
L	111.43	111.54	9	3G,0		lt to med. grey; scattered po blebs (<1%); oqo 140.5-140.9m; again scattered gtz-chl-calc-po veins; minor bt. development (?);
L	111.54	111.91	10	3G,9		minor gauge at 154.9m; dk. grey;
L	111.91	113.88	11	3G,0		lt. grey; sheared core + gauge 156.0-157.5m;
L	113.88	115.45	12	3G,0		minor po stringers & blebs; gauge 161.1-161.5m;
L	115.45	115.60	13	3G,9		lt. grey; banded; minor 3G9; gauge 178.9-179.1m.
L	115.60	115.95	14	3G,0		5% py. blebs at 186.0m; numerous gtz veins;
L	115.95	116.21	15	3G,9		lt. grey; oqo 188.2-188.5m; 197.2-197.3m
L	116.21	118.54	16	3G,0		gauge 190.0-190.4, 191.4-195.5, 196.3-196.4m)

See log
P. 10
May 80

Code	From		To		Unit		Code	Description
	10	14	16	20	22	23		
								qtz vein w/ large (<3cm) qtz & chl. blebs 192.7-192.8m;
L	2033		2349		1,9		3,90	min. bt. development; numerous qtz veins (11.52); inc. chlite towards EOH; few po. blebs L qtz fracture fillings; unusual hard dk. brown layers w/ sharp contacts w/ 36 & somewhat fractured & brecciated 219.4-221.0m w/ 3B1 interbands; 090 228.4-228.7m; 3F0 229.5-230.1m;
L	2349		2574		2,0		3,610	mass-grained; musc.-chl.-bt.-staurolite (?) phyllite; numerous qtz veins & lenses; min quartz; 3D0 251.7-252.0m; 3B0 257.2-257.4m w/ min po. blebs
L	2574		2757		2,1		3,110	gross & broken w/ min py 273.4-273.8m;
L	2757		2783		2,2		3,110	med. green; calcareous; po. stringers (<3%); min 3B bands; chmatic [3B3? 3D?];
L	2783		3039		2,3		3,160	coarse-gr; chl-bt-staurolite-qtz phyllite; numerous qtz veins & lenses;
			EOH					

[100]

Summary of lithologies

DDH F.A.B.I.A.X.1
2 8

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 30 34 35					
L	100	1472		1	#	
L		1611		2	3G9	
L	1611	1829		3	3G0	(3G9) MINOR STR-WEAK RUSTY (QTZ-CHL-CC)
L		1876		4	3G0	± STR (QTZ-CHL-PO)
L		1936		5	3G0	STR BIO-E.O.I. (QTZ-CHL-PO)
L		1966		6	3G0	
		11036		7	3G0	STR (QTZ-CHL-CC-PO)
		11143		8	3G0	(CC-CHL-PO) STR (3G9) MINOR BIO-E.O.I.
		11154		9	3G0	STR-WEAK (PO)
		11191		10	3G0	STR-WEAK (PO)
		11388		11	3G0	± 9 STR-WEAK (PO)
		11545		12	3G0	(QTZ-CHL-CC-PO) STR BIO-MINOR
		11560		13	3G0	
		11595		14	3G0	GOUGE
		11621		15	3G0	STR-WEAK (PO)
		11854		16	3G0	(3G9) MINOR
		11882		17	3G0	
		2033		18	3G0	

DDH F.A.B.I.A.X.1
 2 8

Cyprus Anvil Mining Corp.

Page _____ of _____

Lithologic Log

Date: _____ Logged By: _____

Code	From				To				Recov.				No.				Unit				Description						
	1	10	14	16	20	22	24	26	28	30	34	35	1	10	14	16	20	22	24	26		28	30	34	35		
L					21	3	4	9					1	1	9						3	6	0				BIO-MINOR (3B1)(3F0)
L					25	7	4																				BIO-MSL-STAU-GAR SCHIST [1CD] (3DS)(3BO)
					27	5	7																				POROUS BROKEN
					27	8	3																				[3B3? 3D?]
					30	3	9																				BIO-STAU-GAR SCHIST [1CD]

Structural Log

Code	From		To		Feature	S ₁ Dip Direct.	S ₂ Dip Direct.		Description
	10	14 16	20	22 24 26 28			32	34 38	
S			479	CSZ			77	230	
S			545	CSZ			77	230	
S			627	CSZ			60	230	
S			660	CSZ			74	230	
S			727	CSZ			76	230	
S			797	CSZ			66	230	
S			848	CSZ			51	230	
S			900	CSZ			62	230	
S			956	CSZ			66	230	
S			1012	CSZ			70	230	
S			1065	CSZ			53	230	
S			1117	CSZ			66	230	
S			1174	CSZ			75	230	
S			1232	CSZ			75	230	
S			1270	CSZ			63	230	
S			1325	CSZ			77	230	
S			1372	CSZ			63	230	
S			1431	CSZ			72	230	
S			1486	CSZ			82	230	
S			1540	CSZ			77	230	
S			1558	CSZ			35	230	
S			1592	CSZ			70	230	
S			1638	CSZ			65	230	
S			1695	CSZ			66	230	
S			1734	CSZ			45	230	
S			1842	CSZ			68	230	
S			1935	CSZ			67	230	
S			1995	CSZ			72	230	
S			2050	CSZ			80	230	
S			2105	CSZ			77	230	
S			2162	CSZ			50	230	
S			2219	CSZ			68	230	
S			2324	CSZ			70	230	
S			2359	CSZ			80	230	
S			2418	CSZ			70	230	
S			2462	CSZ			75	230	

Metres

FAULT

DDH F.A.B.I.A.X.1
2 8

Cyprus Anvil Mining Corp.

Page _____ of _____

Structural Log

Date: _____ Logged By: _____

Code	From		To		Feature			SYM	S ₀		S ₁		S ₂		Description
	10	14	16	20	22	24	26		28	Dip	Direct.	Dip	Direct.	Dip	
F	177	4	178	7	1R										rock chip recovery
F	181	1	182	9	1R										rock chip
F	197	3	197	4	1G										} gauge
F	198	1	198	5	1G										
F	1109	4	1109	5	1G										} gauge
F	1110	2	1110	3	1G										
F	1113	3	1113	4	Q										10Q0
F	1140	5	1140	9	Q										10Q0
F	1154	9	1154	9	1G										minor gauge in 3G9
F	1156	0	1157	5	5G										skinned core & gauge
F	1161	1	1161	5	G										gauge
F	1178	9	1179	1	G										gauge
F	1188	2	1188	5	Q										10Q0
F	1190	0	1190	4	1G										} gauge
F	1195	4	1195	5	1G										
F	1196	3	1196	4	1G										
F	1219	4	1221	0	1X										somewhat fractured & oxidated
F	1228	4	1228	7	Q										10Q0
	1257	4	1275	7	2B										Porous & broken

DDH: FA81AX1 -- 42 DEGREE PROFILE

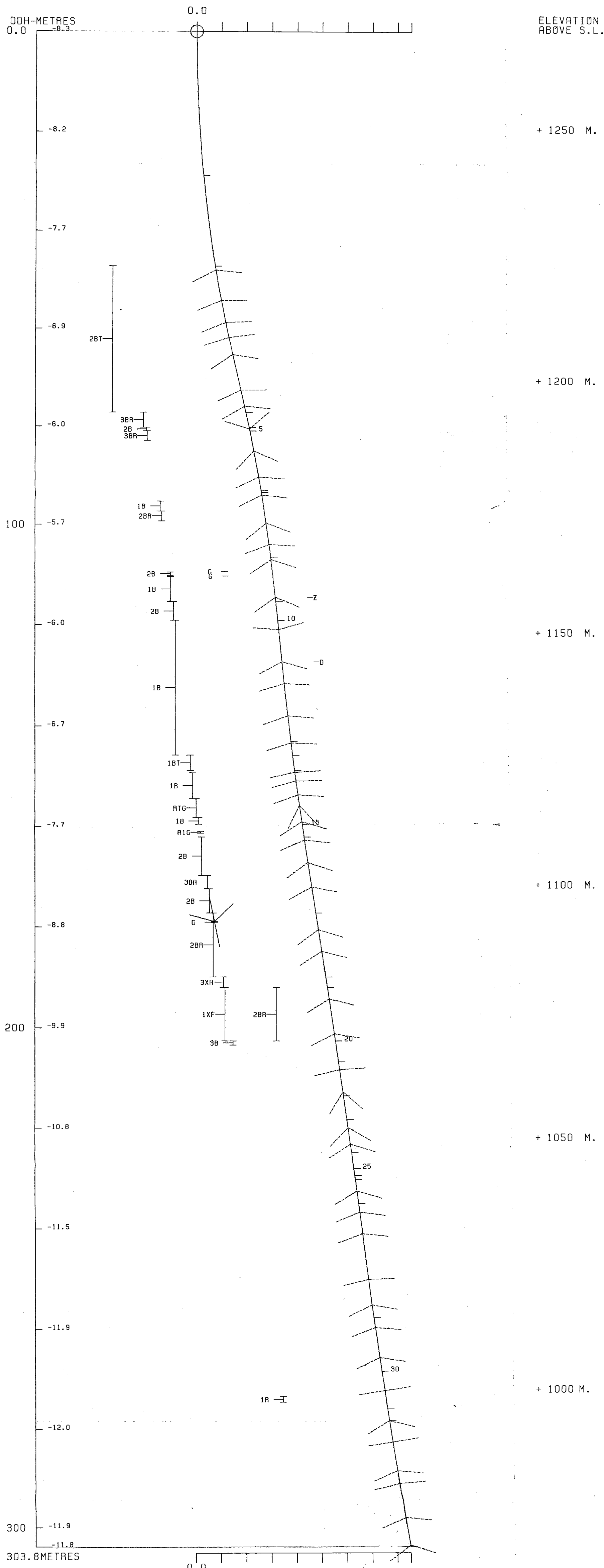
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1271 592906E ; 904653N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 652.1 Z = 1269.2

SECTION NAME: 52W



DDH: FA81AX1 -- 42 DEGREE PROFILE

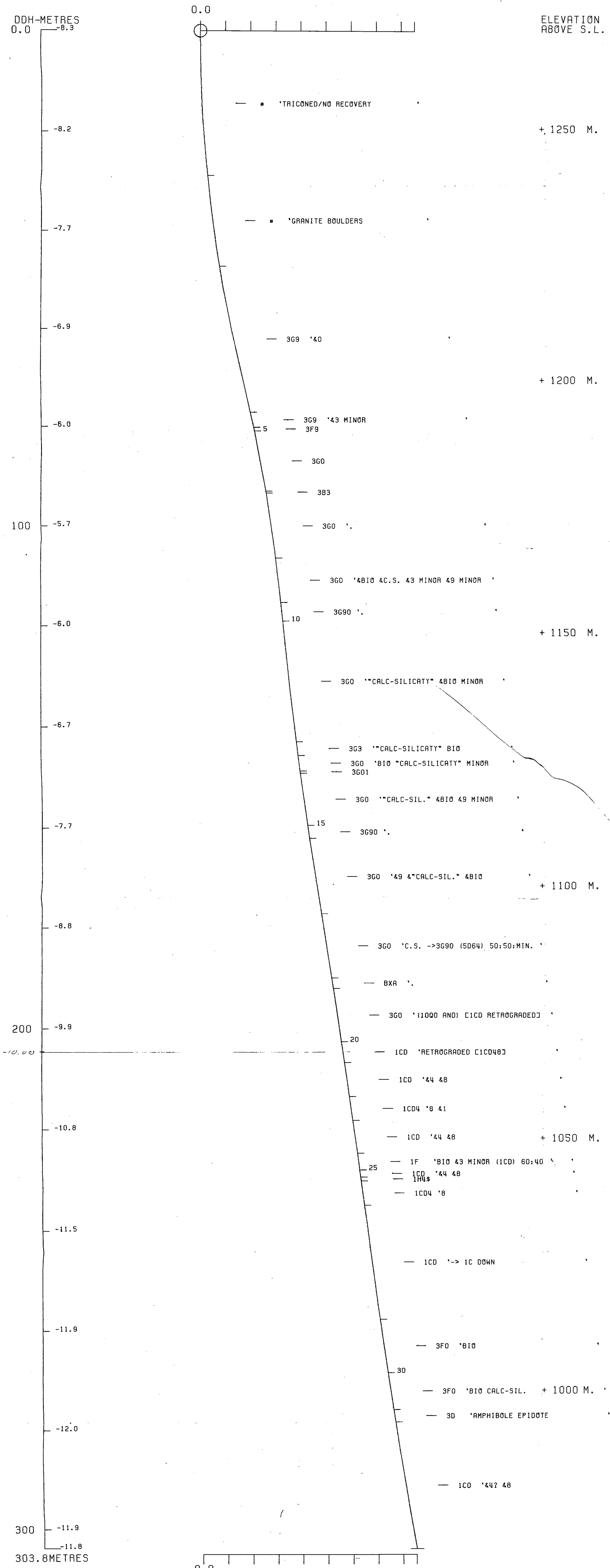
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1271 592906E ; 904653N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 652.1 Z = 1269.2

SECTION NAME: 52W



81 AX 02

DRILL HOLE : FAS14X2
NORTHING : 905,004.8
EASTING : 593,223.9
ELEVATION : 1,304.6
TOTAL DEPTH : 304.8
SECTION : W 52
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHO CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS CRE-SAMPLES: 0
NOS DOWN-H-SURVEYS: 6
NOS DOWN-H-LITHOLOGY: 35
NOS DOWN-H-STRUCTUPE: 54
NOS DOWN-H-FAULTS: 46
NOS DOWN-H-SPLINES: 6
NOS COMPOSITES: 0

15OCT84 GRUM

DOWN-HOLE SURVEYS (DHD2C)

PAGE: 2

CDR: FA81AX2 UTM-N: 9057004.8 UTM-E: 5937223.9 UTM-ELEV: 17304.6 TOTAL DEPTH: 304.8 SECTION: W 52
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
55.000	176.500	123.000
110.700	174.500	131.000
177.700	177.500	43.000
236.000	179.500	213.000
299.000	177.500	171.000

15OCT84 GRUY

DOWN-HOLE LITHOLOGY (DHO20)

PAGE: 3

CDH: FA61AX2 UTM-N: 025,004.9 UTM-E: 593,223.9 UTM-ELEV: 1,304.6 TOTAL DEPTH: 304.3 SECTION: W 52
 RFB: S2 RFB DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
15.1	0001	#	TRICORNE	0.5-	1
33.7	0002	300	39 MINOR	0.5-	1
35.5	0003	301	C.S. BIO MINOR (393 BIO) 90:20	0.5-	1
43.2	0004	300	"CALC-SIL." 8BIO MINOR	0.5-	1
47.4	0005	309	83 MINOR (300) 90:20	0.5-	1
54.9	0006	300	89 MINOR	0.5-	1
60.4	0007	309	80 MINOR	0.5-	1
127.1	0008	300	"CALC-SILICATY"	0.5-	1
134.8	0009	309		0.5-	1
139.9	0010	300	"CALC-SILICATY" 1 MINOR	0.5-	1
142.4	0011	309		0.5-	1
159.0	0012	300	"CALC-SIL" 2BIO V. MINOR	0.5-	1
163.5	0013	301		0.5-	1
165.0	0014	309	CALC-SILICATY BIO	0.5-	1
166.0	0015	309	BIO(309 CS 23)(3091) 90:15:05	0.5-	1
171.3	0016	309	(309 CALC-SIL. BIO)	0.5-	1
171.6	0017	302	34	0.5-	1
177.3	0018	300	"CALC-SILICATY" 39	0.5-	1
181.3	0019	309		0.5-	1
185.2	0020	300	"CALC-SILICATY" 34?	0.5-	1
186.4	0021	3048	FAULT	0.5-	1
208.9	0022	1008	?	0.5-	1
200.9	0023	303	8BIO MINOR	0.5-	1
234.3	0024	1004	8 (303 BIO 33)	0.5-	1
235.6	0025	302	83	0.5-	1
236.5	0026	1004	8	0.5-	1
242.0	0027	302	83 V. MINOR	0.5-	1
250.3	0028	1004	8	0.5-	1
259.1	0029	303	85	0.5-	1
262.2	0030	FAULT	GCUGE AND RUBBLE	0.5-	1
284.0	0031	1004	8	0.5-	1
291.8	0032	300		0.5-	1
303.3	0033	1004	8	0.5-	1
304.0	0034	10081	9	0.5-	1
304.8	0035	FAULT	GCUGE AND RUBBLE	0.5-	1

GDH: FA81AX2 UTM-N: 905,004.3 UTM-E: 593,223.9 UTM-ELEV: 1,304.6 TOTAL DEPTH: 304.8 SECTION: W 52
 RFE: S2 RFE DIP: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

GDH	F DEPTH	T DEPTH	FEAT	SYTRY	SC	ANGLE	DIRECT	S1	ANGLE	DIRECT	S2	ANGLE	DIRECT	RFE	CDE	DHDC	SDC	PROCESS
FA81AX2	0.0	17.7	PS2	C	C	0	C	70	230	C	1	1	1					1
FA81AX2	0.0	23.7	PS2	C	C	0	C	75	230	C	1	1	1					1
FA81AX2	0.0	28.0	PS2	C	C	0	C	70	230	C	1	1	1					1
FA81AX2	0.0	32.6	PS2	C	C	0	C	75	230	C	1	1	1					1
FA81AX2	0.0	35.6	PS2	C	C	0	C	70	230	C	1	1	1					1
FA81AX2	0.0	39.9	PS2	C	C	0	C	60	230	C	1	1	1					1
FA81AX2	0.0	45.4	PS2	C	C	0	C	58	230	C	1	1	1					1
FA81AX2	0.0	52.2	PS2	C	C	0	C	74	230	C	1	1	1					1
FA81AX2	0.0	58.4	PS2	C	C	0	C	72	230	C	1	1	1					1
FA81AX2	0.0	67.1	PS2	C	C	0	C	80	230	C	1	1	1					1
FA81AX2	0.0	70.1	PS2	C	C	0	C	80	230	C	1	1	1					1
FA81AX2	0.0	74.6	PS2	C	C	0	C	82	230	C	1	1	1					1
FA81AX2	0.0	82.3	PS2	C	C	0	C	80	230	C	1	1	1					1
FA81AX2	0.0	85.5	PS2	C	C	0	C	82	230	C	1	1	1					1
FA81AX2	0.0	90.6	PS2	C	C	0	C	70	230	C	1	1	1					1
FA81AX2	0.0	97.0	PS2	C	C	0	C	69	230	C	1	1	1					1
FA81AX2	0.0	101.2	PS2	C	C	0	C	82	230	C	1	1	1					1
FA81AX2	0.0	107.0	PS2	C	C	0	C	73	230	C	1	1	1					1
FA81AX2	0.0	113.1	PS2	C	C	0	C	73	230	C	1	1	1					1
FA81AX2	0.0	118.5	PS2	C	C	0	C	68	230	C	1	1	1					1
FA81AX2	0.0	120.7	PS2	C	C	0	C	80	230	C	1	1	1					1
FA81AX2	0.0	129.0	PS2	C	C	0	C	65	230	C	1	1	1					1
FA81AX2	0.0	137.9	PS2	C	C	0	C	74	230	C	1	1	1					1
FA81AX2	0.0	140.8	PS2	C	C	0	C	63	230	C	1	1	1					1
FA81AX2	0.0	146.0	PS2	C	C	0	C	72	230	C	1	1	1					1
FA81AX2	0.0	149.7	PS2	C	C	0	C	85	230	C	1	1	1					1
FA81AX2	0.0	158.3	PS2	C	C	0	C	75	230	C	1	1	1					1
FA81AX2	0.0	164.7	PS2	C	C	0	C	64	230	C	1	1	1					1
FA81AX2	0.0	170.8	PS2	C	C	0	C	65	230	C	1	1	1					1
FA81AX2	0.0	178.0	PS2	C	C	0	C	75	230	C	1	1	1					1
FA81AX2	0.0	183.7	PS2	C	C	0	C	75	230	C	1	1	1					1
FA81AX2	0.0	189.6	PS2	C	C	0	C	73	230	C	1	1	1					1
FA81AX2	0.0	197.6	PS2	C	C	0	C	70	230	C	1	1	1					1
FA81AX2	0.0	204.2	PS2	C	C	0	C	65	230	C	1	1	1					1
FA81AX2	0.0	210.0	PS2	C	C	0	C	78	230	C	1	1	1					1
FA81AX2	0.0	218.2	PS2	C	C	0	C	70	230	C	1	1	1					1
FA81AX2	0.0	224.0	PS2	C	C	0	C	72	230	C	1	1	1					1
FA81AX2	0.0	228.8	PS2	C	C	0	C	75	230	C	1	1	1					1
FA81AX2	0.0	235.4	PS2	C	C	0	C	70	230	C	1	1	1					1
FA81AX2	0.0	239.0	PS2	C	C	0	C	65	230	C	1	1	1					1
FA81AX2	0.0	243.2	PS2	C	C	0	C	66	230	C	1	1	1					1
FA81AX2	0.0	248.0	PS2	C	C	0	C	80	230	C	1	1	1					1
FA81AX2	0.0	254.0	PS2	C	C	0	C	85	230	C	1	1	1					1
FA81AX2	0.0	263.7	PS2	C	C	0	C	60	230	C	1	1	1					1
FA81AX2	0.0	270.2	PS2	C	C	0	C	75	230	C	1	1	1					1
FA81AX2	0.0	271.0	PS2	C	C	0	C	55	230	C	1	1	1					1
FA81AX2	0.0	280.5	PS2	C	C	0	C	70	230	C	1	1	1					1
FA81AX2	0.0	285.0	PS?	C	C	0	C	60	230	C	1	1	1					1
FA81AX2	0.0	288.8	PS?	C	C	0	C	55	230	C	1	1	1					1
FA81AX2	0.0	291.7	PS?	C	C	0	C	65	230	C	1	1	1					1
FA81AX2	0.0	297.5	PS2	C	C	0	C	55	230	C	1	1	1					1

15OCT84 GRUM

DOWN-HOLE STRUCTURE (DHC20)

PAGE: 5

CDH: FAB1AX2 UTM-N: 905,004.8 UTM-E: 593,223.9 UTM-ELEV: 1,304.6 TOTAL DEPTH: 304.8 SECTION: W 52
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

CDH	F DEPTH	T DEPTH	FEAT SYMTRY	S0 ANGLE DIRECT	S1 ANGLE DIRECT	S2 ANGLE DIRECT	RFE	CDE	DHDC	SDC	PROCESS
FAB1AX2	0.0	301.8	PS2	0	0	65	230	C	1	1	1
FAB1AX2	0.0	303.8		0	0	35	230	C	1	1	1
FAB1AX2	0.0	304.4		0	0	75	230	C	1	1	1

CDH: FA81AX2 UTM-N: 409,004.8 UTM-E: 597,223.9 UTM-ELEV: 1,304.6 TOTAL DEPTH: 304.8 SECTION: W 52
 REF: 52 REF DIF: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

CDH	F DEPTH	T DEPTH	FEAT	REC	CC	PAPLL	UPPER PLANE	INTERNAL PLANE	LOWER PLANE	DHD	
FA81AX2	15.1	21.5	3BR				C	0	C	0	1
FA81AX2	0.0	31.1	1F				C	0	C	0	1
FA81AX2	21.8	33.7	1P				C	0	C	0	1
FA81AX2	35.6	43.2	2BR				C	0	C	0	1
FA81AX2	43.2	47.4	3BR	7			C	0	C	0	1
FA81AX2	47.4	54.9	3B				C	0	C	0	1
FA81AX2	54.9	60.4	3BR	8			C	0	C	0	1
FA81AX2	0.0	61.0	1R				C	0	C	0	1
FA81AX2	66.4	67.0	1FG				C	0	32 7C	0	1
FA81AX2	118.6	118.9	RG				C	0	C	0	1
FA81AX2	110.9	124.9	1B				C	0	C	0	1
FA81AX2	126.2	127.1	BR				C	0	C	0	1
FA81AX2	0.0	127.1	1F				C	0	C	0	1
FA81AX2	127.1	133.0	2BR				C	0	C	0	1
FA81AX2	133.0	134.8	3BG				C	0	C	0	1
FA81AX2	136.1	139.9	3BR				C	0	C	0	1
FA81AX2	139.9	141.4	1B				C	0	C	0	1
FA81AX2	141.4	142.4	2F				C	0	C	0	1
FA81AX2	146.6	146.7	2F				C	0	C	0	1
FA81AX2	150.4	156.4	3BR	7			C	0	C	0	1
FA81AX2	156.4	156.0	1P				C	0	C	0	1
FA81AX2	159.0	163.5	3BR	8			C	0	C	0	1
FA81AX2	0.0	164.6	1P				C	0	C	0	1
FA81AX2	168.0	171.0	1P				C	0	C	0	1
FA81AX2	171.0	171.3	R1G				C	0	C	0	1
FA81AX2	171.3	177.3	2B				C	0	C	0	1
FA81AX2	177.3	179.8	1B				C	0	C	0	1
FA81AX2	179.8	180.9	RG	5			C	0	C	0	1
FA81AX2	180.9	184.4	3FB				C	0	25	0	1
FA81AX2	194.4	194.7	G				C	0	C	0	1
FA81AX2	196.9	197.2	GP				C	0	C	0	1
FA81AX2	197.0	202.6	GRF	1			C	0	C	0	1
FA81AX2	214.0	221.0	3BR				C	0	C	0	1
FA81AX2	221.0	234.3	1G				C	0	C	0	1
FA81AX2	234.3	236.6	1B				C	0	C	0	1
FA81AX2	235.6	234.5	2B				C	0	C	0	1
FA81AX2	235.6	242.0	1P				C	0	C	0	1
FA81AX2	242.0	249.7	2P				C	0	C	0	1
FA81AX2	249.7	256.4	3B				C	0	C	0	1
FA81AX2	259.1	263.0	3GR	7			C	0	C	0	1
FA81AX2	262.1	274.3	1B				C	0	C	0	1
FA81AX2	274.3	274.6	G				C	0	C	0	1
FA81AX2	274.6	284.7	2BG				C	0	C	0	1
FA81AX2	284.7	291.8	D				C	0	C	0	1
FA81AX2	291.8	303.5	3BR				C	0	C	0	1
FA81AX2	304.8	304.8	GRF				C	0	C	0	1

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DOWN-HOLE SPLINES (DHDDC)

PAGE: 7

DCH: FA81AX2 UTM-N: 9057004.8 UTM-E: 5937223.9 UTM-ELEV: 17304.6 TOTAL DEPTH: 304.3 SECTION: W 52
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DCH SEGMENT NOS COND INDICATOR

FA81AX2	1	2
FA81AX2	2	2
FA81AX2	3	2
FA81AX2	4	2
FA81AX2	5	2
FA81AX2	6	1

**THIS REPORT WAS REQUESTED BY: LEEP .GEOLOGY AT: 15:48:25

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: FAB1AX2

Reference Fabric Orientation Diagram:

Project: VANGORDA PLATEAU REMAP

Location: _____

Claim: _____

Terr. Plane Co-ords.: 6905004.783 N

CAMC MINE SURVEY
593223.868 E

Grid Co-ords: 52W /

Elevation: 1304.572 metres

All symmetry determinations looking

Total Depth: 304.8 metres

NW with 52 dipping

Inclination: -90°

SW with dip azimuth 230°

Purpose: DUMPSITE DDH

Reason hole Terminated: REACHED TARGET DEPTH (1000 FT)

Logged by: GAS/LCP

Date(s) Logged: August 7/84

Drilling Contractor: ARCTIC

Size	CORE From	To	Collar Cased and Capped: _____
<u>NQ</u>	<u>16.1</u>	<u>304.8 m</u>	

Hole Cemented: _____

Steel down hole: _____

Started: _____ Completed: _____

Lithologic Log

Date: Aug 7/84 Logged By: GAI/CCP

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	100	1161		1	#1	Overburden - Triconed - No recovery Minus 2/3 redrilled granite boulders
L	1161	1337		2	136101	± 9 minor Mod. soft to locally med. hrd, P52 flss, med to dk med gray, noncalc phyllite. Overall homogeneous - in detail likely to thickly lam parallel 52 in shades gray to light greenish gray, reflecting presence of slightly hrd, more quartz, microcline forming laminae. w/ very minor diss fine green mineral (after silstone?) TOI - 215 strongly broken, locally taken clippings w/ short coarse rubble, gauge (IND), incip gauge. No faults / 215 - EOI med broken to intact 31.1 small flt 45° C.A No oxidation at top of hole ± 9 minor for short darker gray interval
L	1337	1355		3	13611	calc-silicate bio minor (383 bio) 80:20 Mod. soft to med hrd, thickly lam to thinly banded in brown & gray green & gray P52 flss, locally calc, chlorite-biot phyll. Overall - unit impression is ssiltstone rich 38 w/ interbands 10-30 cm 383 w/ patchy biot in homogeneous green chlorite-rich phyllite. Ucing qtz-cs-epidote 1 of 38 for abundant phase (greenish) bands laminae - contain well developed green mineral & minor bio Towards EOI interband of carbonaceous phyllite like next unit Intact Similar to calc-silicate intervals at top of DDH 91-A1-01

Code	From	To	Recov.	No.	Unit	Description
I	10	14 16	20 22 24	26 28 30	34 35	
L	13155	14132		14	31601	"calc-silicatey" ± bio minor Med grey to dk med grey, PS2 fltd, med soft to locally med hrd, noncalc phyllite. Similar to Unit #2 w/ more abundant bio in lower portion. Ass. of greenish grey, more glass bands Med. to v. brkn - locally rubble. No signif fault
L	14132	14174		15	31619	±3 minor (360) 80:20 Dk grey, PS2 fltd, locally calc, homogeneous, med soft phyll. Interlayered w/ med soft, med grey, PS2 fltd, noncalc phyllite. Carbon phyll have minor po+py diss along S2 as streaks & in gte lenses parallel S2 Carb. rocks are more sulphur bearing than lighter, non-carbonaceous rocks. Cc. confined to upper 1m. - carbonaceous. Med to v. brkn, lower 1/2 approaches rubble. Recovery 75-80%. No signif faults - carb. lith. more rubbley
L	14174	15149		16	31610	±9 minor Med soft to med hrd, PS2 fltd, noncalc, med greenish grey phyllite thinly to thickly laminated but overall homog. Interlayered w/ minor darker grey versions of same phyll. laminations due to soft dk grey to med grey phyllite & slightly harder, coarser, light greenish grey bands/lithons similar to prev units. Small dk lenses along S2. 2mm thick, 1cm long - fairly hard - may be flattened chert nodules. Med. brkn - approaching rubbley. RQD near 0
L	15149	1604		17	31619	±0 minor Med. soft to med hrd, dk grey, noncalc, PS2 fltd, homog, slightly carb phyll. interlayered w/ lesser dk med grey phyllite similar to last Unit #6. Diker rocks minor

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

diss. po-py streaks along S2 & assoc. w/ gte lenses along S2. Short sections contain harder, greenish
glass bands similar to next Unit. Last 3 units mainly proportions carb/non-carb. they could be lumped. Med. to v. brkn, minor rubble EOI

Recon. 80% +

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	1610.4	11271		8	31610	"calc-silicaty" Med. hrd to med. soft, med. greenish grey, homog, noncalc, PSZ fhd phyllite. Thinly to thickly laminated in shades of grey & green to greenish grey. Grey micaceous folia separating slightly broken, more glassy bands of microtilons. These bands have green mineral diss - identity uncertain - chlorite or actinolite? No gradational changes in coarseness or abundance of green mineral. Bio not noted. Unit 20% coarser glassy bands, 20% soft grey phyllitic laminae (no green mineral), 60% finely granular qtz-actinolite/chlorite - musc phyllite w/ intermed grain size & intermed composition. A 25 cm band of v. slightly calc, PSZ fhd, med soft to med hrd, chlorite - v. minor biotite ^{phyllite} = 382 ± 3 band at 105.0m. Unit intact w/ good recovery w/ exceptions at 61 minor rubble ass qtz vein / 86.4-87.0 small fault 32/070 w/ incip gauge / 118.6-118.9 rubble & IND gauge / 126.8-127.1 brkn & rubble possibly related to small steep fault. Upper contact gradational over 1m. 118.9-EOI med brkn to intact. No signif. faults
L	11271	11314.8		9	31619	Dk grey, med soft to med hard, PSZ fhd, overall homogeneous, noncalc. phyllite. Minor thinly interbedded, light grey qtz-rich intervals w/ no readily visible green mineral - look like siltstone interbeds. Not much sulphide - minor po in fractures & locally diss along S2. Mod-stc brkn TOI - 133.0 w/ minor rubble / 133-EOI v. brkn to rubble w/ IND gauge lumps. Lower contact grad. Upper contact minor fault. Recovery 75%
L	11314.8	11319.9		10	31610	"calc-silicaty" 1 minor Med greenish grey, med hrd to med soft, PSZ fhd, noncalc phyllite

Thickly lam. in shades grey & light to med greenish grey due to glassy bands/tilons. Overall homogeneous. Appears to contain more abundant, coarser, light grey glassy bands than Unit # 8. 1 for abundant qtz siltst. bands. Intact to 138.1 / 138.1-EOI v. brkn locally rubble, minor IND gauge.

Code	From		To		Recov.		No.		Unit		Description
	10	14	16	20	22	24	26	28	30	34	
L	11399	11424						111	3191		Dk. grey, PS2 filled, noncalc, mod hrd to mod soft, homog phyll. locally light grey to greenish grey, gneiss bands similar to Unit # 9 in upper portion. Intact to mod broken. Mod. brkn in last 1.0m.
L	11424	11519	0					112	3160		"calc-silicate" and ± bio v. minor Mod hrd to mod. soft, noncalc, homog, mod greenish grey, PS2 filled phyllite. Overall homog. thickly laminated in grey phyllitic & greenish gneiss bands/laminae - locally microlithonced. Gradually broken downhole. Below 151.8m. mod. abund possible andal porphs - dk "rectangular" porphs locally irreg. v. minor bio locally associated greenish gneiss bands. Couple of mod-dk green, mod soft, slightly calc, bio-rich interbands - unusual sed (calc-silicate) interbands or meta-ign (3B) interbands at 148-148.8m. TOT-146.5 intact / 146.5-148.8 mod. brkn / 148.8-152.4 intact / 152.4-156.6 v. brkn, cut by several faults rubble & incip gouge. fault at Top 40° C.A., internally 45° C.A., 20° C.A. Andal both above & below fault zone, lithology same, No major fault / 156.6-157.0 mod. brkn to intact. Recov. in flt zone 75%
L	11519	11613	5					113	31E1		Dk grey to black, mod hrd to hrd, PS2 filled, carbonac., siliceous phyllite Noncalc. Extensively veined by cc. or scuffing fractures. Contains seams & veins of py along S2 & scuffing fractures. Minor go as well. Qtz-sulphide banding not well developed v. broken to rubble. 80% recovery. Thin light grey gneiss laminae separating black, carb. folia. Grades into homog dk grey, PS2 filled rock. S2 locally steep & slickensided - don't know if fault or breakage related to flow in underlying unit.

possible chloritoid??

Code	From	To	Recov.	No.	Unit	Description
I	10 14 16	20 22 24	26 28	30 34 35		
L	116135	116150		113	31G91	calc-silicate bio Thickly lam. to v. thinly bedded, dk grey, med green, locally brownish, hrd to med hrd, generally noncalc. calc-silicate & med. carbonaceous phyllite. 2/3 interbedded green to brown calc-silicate in dk grey, noncalc, med soft to med hrd phyllite. Intact except for minor rubble 164.6m.
L	116150	116180		114	31F91	bio (369 calc-silicate ³) (3691) 80'15'05 Hrd, dk grey to blk, finely x-line, thinly laminated marble. Thinly lamina w/ brownish dk grey biotitic carb. phyllite. Interbedded w/ 0.2-0.3m hrd, dk grey to black, noncalc, siliceous, carb. phyllite & variably calc. calc-silicates. Intact. Calc-silicate like last unit # 13. Has po, minor py, & possibly sphal rather than bio
L	116180	11713		115	31G91	(369 calc-silicate bio) Med. hrd to soft, Background rock soft dk grey to blk, noncalc phyllite. Contains interbedded (var. proportions) of hrd yellowish green to light greenish grey to brown, noncalc, calc-silicates. C-s. v. well developed in upper 2m & less so in last 1/2 m. Phyll. dominant elsewhere. Minor diss & fracture-bound po & py where calc-sil. rich. Mod. bitn to intact. 0.3m rubble & incip gauge EOE Insignif fault at 30°/180°
L	11713	11716		116	31C31	±4 Mottled, calc, chlorite phyllite. Intact

Lithologic Log

Date: Aug 7/84 Logged By: GAI/CCP

Code	From	To	Recov.	No.	Unit	Description
	10 14 16	20 22 24	26 28 30	34 35		
L	11716	11773		117	31G101	"calc-silicaty" ± 9 Mod. soft to med hrd, med greenish grey, generally noncalc, PS2 f140 phyllite Contains interlayers of slightly calc chlorite-bis phyllite 174.4 - 175.1. Similar to Units #12 but banding is less well developed Greenish grey glauc & noncalc, grey, pelitic bands. Becomes more pelitic rich downhole. Pelitic bands become slightly darker grey downhole. Mod to v. brkn. Recov. OK
L	11773	11813		118	31G191	Mod. soft - locally med hrd, dk grey, PS2 f140, noncalc phyllite. Contains minor greenish grey, glauc interbands. Mod. to v. brkn. Mod brkn to intact TOI 179.8 / 179.8-180.9 has 0.5m rubble & IOD gauge / 180.9- EOI med. brkn. EOI has possible relict anhyd - dk weathering on cut surface
L	11813	11832		119	31G101	"calc-silicaty" ± 4? Mod. soft, med to light greenish grey, PS2 f140, noncalc phyllite. Contains soft dk grey carbonaceous interbands / laminae between harder granular glauc bands / laminae. Texture similar to 3G's up DDH. Similar to rocks below fault zone which is next unit - Here dk grey bands are darker grey & seem more carbonaceous
L	11832	11864		120	31G148	Fault Mod greenish grey, noncalc, PS2 f140, med. soft phyllite similar to last unit (#19). S2? f140 steeper & prominently slickensided & polished and has talcose feel. Fault zone - fr steep fault 25° C.A. (S2) slicks random major axis of ellipse EOI relations suggest fault dips same direction as S2 - but uncertain (fractures of same orient as S2 within zone)

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

Strongly brkn to rubble. Recov. basically OK.

Code	From	To	Recov.	No.	Unit	Description
	10 14 16	20 22 24	26 28 30	34 35		
L	118164	121039		121	1CDB ?	<p>Med to light greenish grey, P52 fHd, noncalc, homog, med. soft to soft, chlorite-musc phyllite locally coarse relict porphy - some unbed. & relict diss staurolite? (not staur. now). Possibly this is a retrograded schist. Not very different from rocks in fault & above fault last 3m. tends to weather brn. TOT-194.4 intact / 194.4-194.7 gouge & micp. gouge / 194.7-196.9 intact / 196.9-197.2 gouge & rubble fault 25-30° C.A / 197.2-199.0 intact / 199.0-202.6 gouge & rubble steep fault zone similar to last unit. Recov. bal 0.5m / 3.6m. recovered / 202.6-203.9 intact. Rocks weather funny adjacent to fault. Look dolomitic - don't fizz in 20% HCl when powdered. Ankeritic? First good schist textures are in interval 202.6-203.9.</p> <p>NB. Abrupt metamorphic transition. Similar to 81-AX-01. Not able to readily put finger on the sharp grade change. This contrasts with DDH 81-AX-05 where fault jump is obvious. Perhaps dealing w/ transitional lithologies as horses in large fault zone rather than a single discrete fault plane.</p>
L	121039	121069		122	31C31	<p>± bio minor</p> <p>Med. hrd, slightly calc, med greenish green, chlorite phyllite. ± bio. Contains small dk green mottling on cut surface. Cc largely in fractures but aka diss in rock. Contains several % diss pp locally. Possibly a metabasite. Intact</p>
L	121069	123143		123	11C1D14 B	<p>(3BD bio ± 3)</p> <p>Unit largely med greenish grey, med soft to med hrd, generally noncalc, P52</p>

possible read
miscount.
20' interval w/
10' core in box.

fHd., retrograded, formerly porphyroblastic schist. largely musc-chlorite w/ local remnant garnet. Upper 6m. has patches of bio preserved.

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
		1213143		1213		Can see ghosts of andal, probable staurolite Upper 6m. has also at least 1 40cm wideband 3B3 bio central at 210m. & another above that similar to last unit (208.0-208.5), and also at 228.3-228.6 m. 3C6 bio ±4 TOI-214.0 intact / 214.0-221.0 v brkn locally rubbly, minor IND gauge / 221.0-EOI intact w/ local incip. gauge Gauge insign. small faults
L	1213143	1213156		1214	13C121	±3 Soft to mod soft, light to med grey green to yellowish green, slightly calc, chlorite-rich phyllite Thick laminae to thin bands of grey-green chlorite alternating w/ yellowish green ^{bands which are} felted masses of actinolite? / chlorite? local biot - esp near margins Slight calc mainly at margins - internally, see ass of fractures - both in fractures & near them Texture faintly like heggard rock. Green colour like metabasite Mod. brkn to intact
L	1213156	1213165		1215	11C1D14	8 Mod hrd to mod soft, med greenish grey w/ brn tinge Biot-musc-chlorite schist Dk green andal clots Minor possible staurolite Noncalc Mod brkn S2 folia shiny silvery greenish grey
L	1213165	1214120		1216	13C121	±3 v minor Same as Unit #24 Calc very minor near margins Definitely not normal 3C colour - definitely too grey Reminiscent of grey, altered metabasite Lower contact sharp parallel S2 10cm zone could call bleached margins in adjoining schists next to unit Intact to mod brkn

Code	From	To	Recov.	No.	Unit	Description
	10	14 16	20 22 24	26 28 30	34 35	
L	124120	125166		127	11C148	Med. greenish grey w/ local brown tinge, PSZ fltd, noncalc, chlorite-musc ± bio schist. Porphyroblasts of staurolite-garnet-andalusite - all locally still recognizable. Also contains dark clots presumed after andalusite (10-15 clots in every 2.5m core). Beautiful pink andal. in qtz veins. Qtz-feldspathic banding not well developed. Mod. to v. brkn. - no signif. faults. Lower 1/2 more brkn.
L	125166	125191		128	13C131	± f = Mod soft to soft, med grey green to brownish green, calcare, variably dolomitic, chlorite phyllite. Presumably metabasite. Similar to Units # 26, 24. Only calc or dolomitic. Carbonate between grey-green chloritic folia & in greenish grey or brownish feld. andalusite (?) bands/lenses. Intact. Altered but can't say 4 because of previous use for 4.
L	125191	126122		129	FI1A11KIT	GAUGE and RUBBLE Light grey-green, noncalc, gauge & rubble. Involves both schist & metabasite (like Unit # 28). Upper contact 20° C.A. Lower contact I-SD against qtz vein. Involves both adjoining units. Internally mod. slipping fltn. Recovery reasonable - 75%.
L	126122	128148		130	11C148	Mod. brk to mod soft, med to light greenish grey, chlorite-musc ± bio (minor) schist. Pseudomorphs of & relicts of staurolite, andal., garnet. Locally has disc yellowish mica resembling staurolite - generally only mottled. Local preservation.

Code	From	To	Recov.	No.	Unit	Description
I	10 14 16	20 22 24	26 28 30	34 35		
		1218148		1310		of pinkish-bluish andal. bio clots. Dark andal clots string out along 52. Staur in both clotted & fresh andal. Noncalc. host 0.75m is hard, green, variably calc. calc-silicate - presumably related to next unit. Metamorphic reactions rim? (as opposed to compositional variations). Contains epidote-diopside(?). Texture somewhat like skarn TOI-274.3 mod brkn to intact. / 274.3-274.6 IAD gauge / mod brkn w/ local rubble IAD gauge 274.6-EOI No signif faults
L	1218148	1219118		1311	B1F01	v. light med grey to bluish grey, finely xline marble. Nearly rounded, subspherical to andal clots of greenish calc-silicates similar to EOI of last Unit (# 30). Appears to have clots of 5D4* Unit contrasts w/ normal 3FO in that v. fine-grained calc. matrix w/ wispy irregular lying wrapping around rounded clots (1-4cm diam) (as opposed to usual boundaries). Reminds Gregg of 4#1 fabric (but much coarser) Fabric probably due to extreme ductile flow. Intact
L	1219118	131035		1312	11C134 8	Med. greenish grey to beige, locally w/ brownish tinge chlorite-musc ± bio phyllite/schist. v. finely banded to thickly laminated w/ drk grey, finely xline calc. marble to very calc. calc-silicate. Core overall v. calc - largely due to fractures/calc bands only about 10% unit. Calc bands are drk grey to drk green. local garnet in schist v brkn to rubble
L	131035	131040		1313	110AB11 9	Med to strongly ribbon pt-foliated granite. Top is small fault 45° C.A.

DDH B1AX02
2 8

Cyprus Anvil Mining Corp.
Lithologic Log

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Date: Aug 7/84 Logged By: CAI/LCP

Code	From	To	Recov.	No.	Unit	Description
	10 14 16	20 22 24	26 28	30 34 35		
		131040		1313		-not parallel internal fltn. Bottom contact against gouge & rubble No biotite in intrusive. Feldspars still hrd so not heavily altered.
L	131040	131048		1314	FAULT	GOUGE AND RUBBLE Parent rock? Fault fltn in gouge 50° C.A. FOH
						SUMMARY STATEMENT: Rocks below Make Believe Fault (presumed) do not readily fit into the classification scheme. Schists are very altered - do not seem to have normal mineralogy. Difficult to determine if they are schists even in place.

DDH B1AX.02
2 8

Cyprus Anvil Mining Corp.

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Structural Log

Date: Aug 7/84 Logged By: GAI/KCP

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	Dip		Direct.	Dip	Direct.
S				1177				P1S2										710		
S				1213				P1S2										715		CSn 35/270
S				1280				P1S2										710		crenulation CSn 47/000
S				1312				P1S2										715		CSn 30/000
S				1315				P1S2										710		CSn 27/000
S				1319				P1S2										610		
S				1454				P1S2										518		
S				1522				P1S2										714		
S				1624				P1S2										712		CSn 45/270
																				L2 045 to major axis of core ellipse
																				fine crenulation 070 to major axis of core ellipse CSn
S				1671				P1S2										810		
S				1710				P1S2										810		
S				1716				P1S2										812		
S				1823				P1S2										810		
S				1855				P1S2										812		
S				1910				P1S2										710		CSn 40/270
S				1917				P1S2										619		→ CS2
S				11011				P1S2										812		CSn 45/270
S				11017				P1S2										713		CSn 35/300
S				11113				P1S2										718		CSn 30/270
S				11118				P1S2										618		
S				11210				P1S2										810		
S				11219				P1S2										615		
S				11317				P1S2										714		
S				11408				P1S2										613		
S				11416				P1S2										712		
S				11419				P1S2										815		
S				11518				P1S2										715		
S				11616				P1S2										614		
S				11712				P1S2										615		
S				11780				P1S2										715		
S				11833				P1S2										715		
S				11896				P1S2										718		

DDH BLAX.02
2 8

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Structural Log

Date: Aug 7/84 Logged By: GAL/LCP

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			
S				119176				PS12								70		
S				121042				PS12								65		
S				121100				PS12								78		
S				121182				PS12								710		
S				121240				PS12								72		
S				121288				PS12								75		
S				12354				PS12								70		
S				12390				PS12								65		
S				12432				PS12								66		
S				12489				PS12								810		
S				12540				PS12								85		
S				12637				PS12								610		
S				12702				PS12								75		
S				12710				PS12								55		
S				128105				PS12								70		
S				12888				PS1?								55		flaser in marble
S				12917				PS1?								65		flaser in marble
S				12850				PS1?								610		flaser in marble
S				12975				PS12								55		
S				13018				PS12								65		?
S				131044												75		flaser fabric?
S				131035												35		ribbon gtz fltr.

F Structural Log

Date: _____ Logged By: _____

Code	From		To		Feature	Sym	Dip Direct.		Dip Direct.		Dip Direct.		Description
	10	14	16	20			22	24	26	28	32	34	
F		1,61		2,15	3BR								
F		2,15		3,37	1B								
F				3,11	1F								45° to CA
F		3,55		4,32	2BR								
F		4,32		4,74	3BR	7							
F		4,74		5,49	3B								
F		5,49		6,04	3BR	8							
F				6,10	1R								
F		8,64		8,70	1FG				3,20	0,70			
F		1,186		1,189	RG								
F		1,268		1,271	1BR								
F		1,189		1,268	1B								
F		1,271		1,330	2BR								
F		1,330		1,348	3BG								
F				1,271	1F								
F		1,381		1,399	3BR								
F		1,399		1,414	1B								
F		1,414		1,424	2B								
F		1,465		1,488	2B								
F		1,524		1,566	3BR	7							upper at 40° internal 45-20°
F		1,566		1,590	1B								
F		1,590		1,635	3BR	8							
F				1,646	1R								
F		1,680		1,710	1B								
F		1,710		1,713	RG								
F		1,716		1,773	2B								
F		1,773		1,798	1B								
F		1,798		1,809	RG	S							
F		1,809		1,813	2B								
F		1,832		1,864	3FB				2,5	0,00			25° to CA sticks DD
F		1,944		1,947	G								
F		1,969		1,972	GR								25-30° to CA
F		1,990		2,026	GRF	1							Sleep FH.
F		2,140		2,210	3BR								
F		2,210		2,343	1G								
F		2,343		2,356	1B								

FA6A 0416

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 81-AX-02

Fabric Orientation Diagram:

Project: _____

Location: VANGORDA PLATEAU

Claim: _____

UTM
~~Terr.~~ Plane

Co-ords.: _____ N

_____ E

Grid
Co-ords.: _____

All symmetry determinations looking

_____ with _____ dipping

Elevation: _____ with dip azimuth _____.

Total Depth: 304.8m

Purpose: _____

Logged by: PN

Date(s) Logged: MARCH 24-25 / 81

Drilling Contractor: ARCTIC DIAMOND DR. Core: Size From To Collar Cased and Capped: _____

NQ 0 EDH

Started: _____ Completed: MARCH 24 / 81

Code	From	To	Unit	Code	Description
1	10 14 16 20	22 23 25 27			
L	00	161	1		o/B ticored;
L	161	337	2	3G10	med. grey; w/ qtz-chl-po veins & lenses; broken 16.4-16.7m; gauge 21.0-21.1m; minor carbonaceous intervals;
L	337	349	3	3G8	lt. green color w/ brown bt. bands; non-calc. except 34.0-34.4m where calc. bands;
L	349	430	4	3G10	as unit 2; py blebs elongated along S2 at 38.6m;
L	430	441	5	5A10	calcareous; gauge + broken core 43.5-43.7, 43.8-43.9m;
L	441	462	6	3G10	med. grey;
L	462	476	7	3G9	40% broken core;
L	476	549	8	3G10	
L	549	603	9	3E10	OQO 55.7-56.1m;
L	603	1026	10	3G10	OQO 60.7-60.8m; sheared 86.4-86.7m; numerous qtz bands S2;
L	1026	1103	11	OQ10	
L	1103	1128	12	3G10	few chl-calc. lt. bands; gauge & broken rock 118.6-118.8m; numerous qtz veins & bands (w/ po blebs);
L	1128	1129	13	3G9	
L	1129	1137	14	3G10	qtz-calc-py tension gash fillings; gauge 133.1-133.2m;
L	1137	1138	15	OQ10	
L	1138	1139	16	3G10	broken core 139.0-139.1m;
L	1139	1142	17	3G9	
L	1142	1157	18	3G10	numerous wide qtz veins (< 3m); qtz-calc-chl-py tension gash fillings 153.5-154.8m; gauge 155.5-155.6m;
L	1157	1159	19	3G9	minor (< 1%) po blebs;
L	1159	1163	20	3E10	25% gauge & broken core;
L	1163	1171	21	3F9	w/ minor chl + bt bands; few py blebs;
L	1171	1177	22	3G10	minor 3G9 bands; 3F8 171.4-171.5m;
L	1177	1180	23	3G9	minor po blebs assoc. w/ qtz veins & bands;
L	1180	2039	24	3G10	broken core 184.0-184.4, 185.8-186.2m; gauge 201.1-201.7m;

Lithologic Log

Code	From	To	Unit	Code	Description
	10	14	16	20	22 23 25 27
L	121039	121087	25	3B3	? ; chloritic ; calcareous but without the characteristic ^{white} calc. bands of 3F0 ; numerous ^{calc} minor cracks w/ qtz + po fillings ; some bt development (10% bt) ; graphitic 206.9 - 207.5 m ;
L	121087	12298	26	3G0	numerous calc. minor crack fillings & qtz veins ; misc - chl - bt phyllite ; ~2% po blebs (assoc. w/ qtz veins & lenses) ; few qtz i qtz veins ;
L	12298	12343	27	3G0	med. grey ; minor po blebs (<1%) ; broken core + gouge 232.6 - 233.0 m ;
L	12343	12435	28	3G0	med. green colour ; numerous calc. fracture fillings ; dk. grey 3G0 w/ staurolite + andalusite ? (dk. grey blebs elongated along S2 < 5mm) 235.6 - 236.2 m ; greater bt. development towards 60H ;
L	12435	12451	29	0Q0	
L	12451	12566	30	3G0	med. grey ; minor po stringers i qtz ;
L	12566	12590	31	3B3	as unit 25 ;
L	12590	12613	32	3G0	gouge w/ siliceous pebbles ;
L	12613	12622	33	0Q0	
L	12622	12836	34	3G0	as unit 30 w/ minor qtz ; gouge 274.2 - 274.7 m ; calcareous w/ calc. fracture fillings 277.0 towards bottom of interval ;
L	12836	12847	35	3G8	calcareous w/ calc. fracture fillings ; w/ minor qtz ;
L	12847	12920	36	3F18	50% - calcite ;
L	12920	13032	37	3F0	w/ alternating bt & chl. bands ; breccia 294.5 - 295.9 m ;
L	13032	13048	38	3F0	gouge ; 0% w/ calc. & chl. 303.4 - 303.8 m ;
		E.O.H			

Structural Log

Code	From		To		Feature	S ₁ Dip Direct.	S ₂ Dip Direct.		Description			
	10	14	16	20			22	24		26	28	32
S				17	6	CS12				69	230	
S				24	4	CS2				70	230	
S				30	1	CS2				81	230	
S				35	6	CS2				75	230	
S				40	9	CS2				78	230	
S				46	7	CS2				72	230	
S				53	7	CS2				76	230	
S				60	1	CS2				71	230	
S				66	6	CS2				83	230	
S				71	7	CS2				80	230	
S				77	7	CS2				75	230	
S				84	4	CS2				76	230	
S				89	2	CS2				83	230	
S				96	9	CS2				67	230	
S				103	3	CS2				80	230	
S				108	1	CS2				81	230	
S				113	4	CS2				82	230	
S				119	7	CS2				85	230	
S				123	1	CS2				82	230	
S				128	9	CS2				71	230	
S				136	7	CS2				80	230	
S				140	0	CS2				72	230	
S				146	1	CS2				67	230	
S				150	9	CS2				82	230	
S				158	3	CS2				72	230	
S				164	6	CS2				83	230	
S				169	7	CS2				74	230	
S				176	1	CS2				69	230	
S				181	2	CS2				74	230	
S				188	9	CS2				72	230	
S				196	5	CS2				76	230	
S				204	5	CS2				65	230	
S				211	9	CS2				78	230	
S				219	5	CS2				50	230	
S				224	8	CS2				77	230	
S				231	9	CS2				67	230	

* way grid north of section

DDH: FA81AX2 -- 42 DEGREE PROFILE

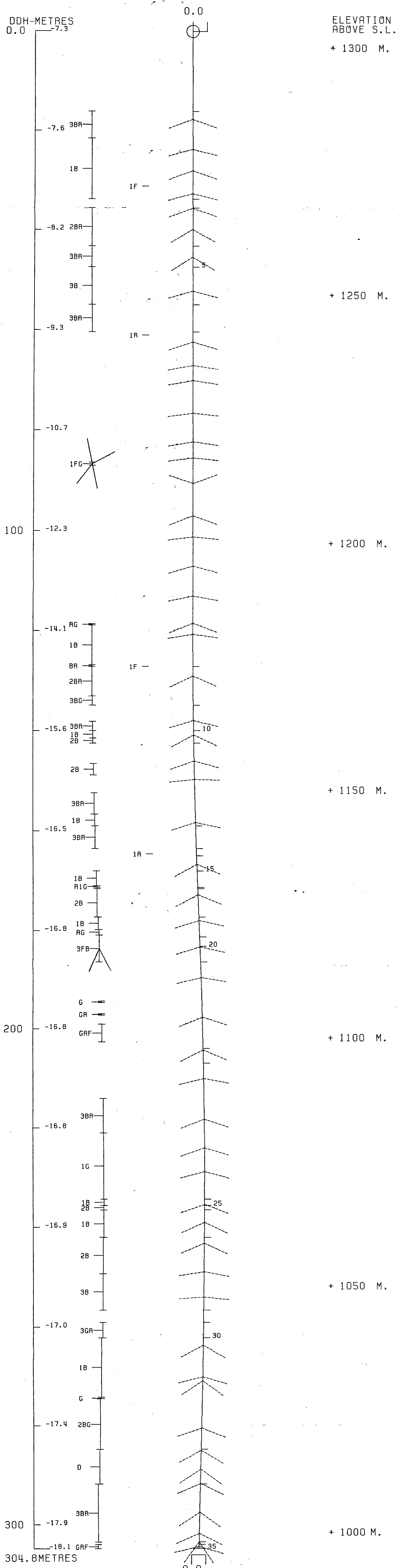
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1305 593224E ; 905005N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 1126.0 Z = 1303.2

SECTION NAME: 52W



* way grid north of panel 2

DDH: FA81AX2 -- 42 DEGREE PROFILE
 (VIEW AZIMUTH = 312 DEGREES)

ELEV: 1305 593224E ; 905005N
 PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0
 CORRECTED COLLAR POSITION: X = 1126.0 Z = 1303.2
 SECTION NAME: 52W

