

DRILL HOLE : FAGU176
NORTHING : 905,254.8
EASTING : 592,131.7
ELEVATION : 1,090.1
TOTAL DEPTH : 170.0
SECTION : W 84
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS ORE-SAMPLES: 13
NOS DOWN-H-SURVEYS: 3
NOS DOWN-H-LITHOLOGY: 43
NOS DOWN-H-STRUCTURE: 28
NOS DOWN-H-FAULTS: 19
NOS DOWN-H-SPLINES: 3
NOS COMPOSITES: 0

DDH: FAGU176 UTM-N: 905,254.8 UTM-E: 592,131.7 UTM-ELEV: 1,090.1 TOTAL DEPTH: 170.0 SECTION: W 84
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	160.000	224.000
76.200	162.000	205.000
152.400	160.000	183.000

015037

SECTION 84W
3063

DJH: FAGU176 UTM-N: 905,254.8 UTM-E: 592,131.7 UTM-ELEV: 1,090.1 TOTAL DEPTH: 170.0 SECTION: W 84
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
1.9	0001	4A0	->5A19	0.5-	1
6.4	0002	5A\$	80 ->5B2\$&0	0.5-	1
15.9	0003	5A6	8\$ ->5B62&\$	0.5-	1
16.4	0004	4A0	->5A19 (5D4*) MINOR	0.5-	1
25.3	0005	5A6	8\$ ->5B62&\$ (5D4*)	0.5-	1
27.9	0006	5D*	(10Q*)	0.5-	1
30.9	0007	4A4	(4H) MINOR AT E.O.I.	0.5-	1
31.4	0008	4L0	->3G4 (5D4*) 40:40:20	0.5-	1
54.6	0009	3G0	(5D6) (10Q08\$) 96:1:3	0.5-	1
56.9	0010	3G4	->4L0	0.5-	1
53.6	0011	3G0	(10Q\$)	0.5-	1
61.1	0012	4A34		0.5-	1
62.0	0013	4E0	(4Q\$[10Q\$])	0.5-	1
62.8	0014	4E4	(4C5) (4A\$)	0.5-	1
66.1	0015	3G4	->4L0 (3G46)(4L24)(10Q*)MINOR	0.5-	1
63.4	0016	3G0	89	0.5-	1
71.6	0017	3G16	->[4C5](3G1)(3G0)(10Q0) "W.R."	0.5-	1
79.0	0018	3G0	84 "STRING" (10Q*)	0.5-	1
80.6	0019	5D4*	"LAM & CLASTIC?"	0.5-	1
84.6	0020	3G0	(5D4*) (10Q*) 92:5:3	0.5-	1
85.3	0021	5D4*	"LAM. & CLASTIC?"	0.5-	1
93.3	0022	3G0	(5D4*) (10Q*)	0.5-	1
94.0	0023	5C4*	(10Q*)	0.5-	1
98.0	0024	3G0	89 MINOR (5D4*)(10Q*) MINOR	0.5-	1
99.6	0025	5C4*	(4L6 STR.) (10Q*) 5%	0.5-	1
104.7	0026	3G9	8\$ 86 (3B*)	0.5-	1
111.0	0027	4L0	81 82 (4L124->[4C0]) (5C4*)	0.5-	1
113.2	0028	4A0		0.5-	1
115.7	0029	4A31	(4E0) MINOR	0.5-	1
117.3	0030	4E46	(5C4*) MINOR	0.5-	1
113.1	0031	5C4*		0.5-	1
118.8	0032	5A19	(10Q*)	0.5-	1
120.3	0033	3G14	36 89 (10Q\$) 90:10	0.5-	1
150.1	0034	5B2\$	80MINOR(5A*)(5D4*)3%(4EDH VNS)	0.5-	1
150.8	0035	3G4*	(10Q*[4Q*]) (4E0 VEIN)	0.5-	1
154.6	0036	4E46	(5C4*) MINOR	0.5-	1
159.5	0037	4E4	80 81 TOWARD E.O.I.	0.5-	1
161.0	0038	4A0		0.5-	1
161.5	0039	4E0	81 85	0.5-	1
162.0	0040	4A34	1	0.5-	1
166.7	0041	3G9	(3B*) BIO	0.5-	1
169.3	0042	3G16	89	0.5-	1
170.1	0043	4L24	81	0.5-	1

DDH: FAGU176 UTM-N: 905,254.8 UTM-E: 592,131.7 UTM-ELEV: 1,090.1 TOTAL DEPTH: 170.0 SECTION: W 84
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	SO	ANGLE	DIRECT	S1	ANGLE	DIRECT	S2	ANGLE	DIRECT	RFE	CDE	DHDC	SDC	PROCESS
FAGU176	0.0	2.3	PS2	P		0	0	0	0		72	230	0		1	1	1	1
FAGU176	0.0	6.9	CS2			0	0	0	0		75	230	0		1	1	1	1
FAGU176	0.0	14.3	PS2	P		0	0	0	0		70	230	0		1	1	1	1
FAGU176	0.0	18.4	PS2	P		0	0	0	0		70	230	0		1	1	1	1
FAGU176	0.0	24.2	PS2	P		0	0	0	0		72	230	0		1	1	1	1
FAGU176	0.0	27.0	CS2			0	0	0	0		90	230	0		1	1	1	1
FAGU176	0.0	33.8	PS2	P		0	0	0	0		78	230	0		1	1	1	1
FAGU176	0.0	38.0	PS2	P		0	0	0	0		80	230	0		1	1	1	1
FAGU176	0.0	46.4	CS2			0	0	0	0		85	230	0		1	1	1	1
FAGU176	0.0	53.7	PS2			0	0	0	0		90	230	0		1	1	1	1
FAGU176	0.0	65.0	CS2			0	0	0	0		70	230	0		1	1	1	1
FAGU176	0.0	70.3	PS2	P		0	0	0	0		65	230	0		1	1	1	1
FAGU176	0.0	78.6	PS2	P		0	0	0	0		60	230	0		1	1	1	1
FAGU176	0.0	81.8	CS2	D		0	0	0	0		69	230	0		1	1	1	1
FAGU176	0.0	87.0	CS2	D		0	0	0	0		68	230	0		1	1	1	1
FAGU176	0.0	95.5	PS2	P		0	0	0	0		68	230	0		1	1	1	1
FAGU176	0.0	102.2	CS2			0	0	0	0		78	230	0		1	1	1	1
FAGU176	0.0	107.8	CS2			0	0	0	0		75	230	0		1	1	1	1
FAGU176	0.0	120.2	CS2			0	0	0	0		80	230	0		1	1	1	1
FAGU176	0.0	125.5	CS2			0	0	0	0		85	230	0		1	1	1	1
FAGU176	0.0	131.2	CS2			0	0	0	0		80	230	0		1	1	1	1
FAGU176	0.0	138.4	CS2			0	0	0	0		85	230	0		1	1	1	1
FAGU176	0.0	145.7	CS2			0	0	0	0		86	230	0		1	1	1	1
FAGU176	0.0	150.0	CS2			0	0	0	0		68	230	0		1	1	1	1
FAGU176	0.0	155.3	PS2	P		0	0	0	0		63	230	0		1	1	1	1
FAGU176	0.0	160.0	CS2			0	0	0	0		72	230	0		1	1	1	1
FAGU176	0.0	164.0	CS2			0	0	0	0		70	230	0		1	1	1	1
FAGU176	0.0	169.5	CS2			0	0	0	0		80	230	0		1	1	1	1

DDH: FAGU176 UTM-N: 905,254.8 UTM-E: 592,131.7 UTM-ELEV: 1,090.1 TOTAL DEPTH: 170.0 SECTION: W 84
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	REC	CD	PARLL	UPPER PLANE	INTERNAL PLANE	LOWER PLANE	DHD			
FAGU176	0.0	19.3	G				0	0	99	999	0	0	1
FAGU176	0.0	27.9	F				0	0	45	0	0	0	1
FAGU176	30.9	31.4	B1S				0	0	0	0	0	0	1
FAGU176	0.0	56.1	1G				0	0	99	999	0	0	1
FAGU176	56.9	58.6	2B				0	0	0	0	0	0	1
FAGU176	0.0	59.8	1R				0	0	0	0	0	0	1
FAGU176	60.7	61.1	R				0	0	0	0	0	0	1
FAGU176	61.1	62.0	DX?				0	0	0	0	0	0	1
FAGU176	0.0	65.5	G				0	0	99	999	0	0	1
FAGU176	66.1	68.4	2BX				0	0	0	0	0	0	1
FAGU176	0.0	70.0	G				0	0	0	0	0	0	1
FAGU176	71.6	74.9	2B				0	0	0	0	0	0	1
FAGU176	74.9	76.2	GS				0	0	99	999	0	0	1
FAGU176	76.2	77.7	NM?				0	0	0	0	0	0	1
FAGU176	78.5	78.7	GS?				0	0	99	999	0	0	1
FAGU176	82.6	84.6	SF				99	999	30	340	99	999	1
FAGU176	88.1	92.1	G				10	0	99	999	45	0	1
FAGU176	0.0	118.1	X				0	0	0	0	0	0	1
FAGU176	0.0	118.8	G				0	0	99	999	0	0	1

17OCT83 GRUM

DOWN-HOLE SPLINES (DH020)

PAGE: 14

DDH: FAGU176 UTM-N: 905,254.8 UTM-E: 592,131.7 UTM-ELEV: 1,090.1 TOTAL DEPTH: 170.0 SECTION: W 84
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH SEGMENT NOS COND INDICATOR

FAGU176	1	2
FAGU176	2	2
FAGU176	3	1

84 W.

CYPRUS ANVIL MINING CORPORATION

Page 1 of 9

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: FAG u 176

Reference Fabric Orientation Diagram:

Project: Green

Location: 84 W.

Claim: _____

Terr. Plane Co-ords.: 905254.8 N

592131.7 E

Grid Co-ords: _____

change of basis of K-A survey co-ords

All symmetry determinations looking

K-A elev -10.61
Elevation: 1090.1

NW with 52 dipping

Total Depth: 170.1

SW with dip azimuth 225.

Purpose: _____

Reason hole Terminated: _____

Logged by: GAJ/DSJ.

Date(s) Logged: 16 AUG 82

Drilling Contractor: _____

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

Hole Cemented: _____

Steel down hole: _____

Started: _____ Completed: _____

Lithologic Log

Date: 16 Aug 82 Logged By: GAT/DST

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	100	119		1	4AG	0.4 m recy; dk. gy → black; poorly banded; 10 S ₂ py 2X ZnS ⇒ 5A19
L	119	164		2	5A1*	±0 ⇒ 5B2*±0; dk. gray & blk. folia // S ₂ w/ qtz-dol lithons; borderline case 5A/5B2; intact
L	164	159		3	5A6	±* dol ⇒ 5B62±*; cf #2 but less CO ₂ bearing & less "silty"; (OO*) minor; intact
L	159	164		4	4AG	⇒ 5A19 cf. #1; lacks good 4A text. rather perv. silicified dk. gy pyll. w/ ZnS // S ₂ & thin 5D4* bands (1-2cm) ⇒ tuffaceous
L	164	253		5	5A6	±* ⇒ 5B62±* (5D4*) as #2 but dol more scattered in 0.5M bundles of lam qtz-ssl. bands; 5D4* in last 3.5 m esp. 22.2-22.3, 22.6-23.0, 23.1-23.2, 23.8-23.9; (OO*) irreg S ₂ folia ⁺ , lenses & fold noses; intact; gauge S ₂ 11 19.2-19.3
L	253	279		6	5D4*	(OO*) minor; intact; fault EOI 45°/000° w/ 000
L	279	309		7	4A4	well banded; excell exhal. text. loc. w/ nr. mass. 10cm py bands w/ irreg dol masses cf. 4K; 2cm 4H EOI
L	309	314		8	4L9	⇒ 364 (5D4*); 40:40:20; m. blen. no gauge stored locally - PS2 stupie??
L	314	546		9	3G0	(5D6 OO*±* dol); 5D6 @ 33.0-33.2, 42.8-42.9, 50.9-51.1; OO* = 3% as S ₂ foliaform 2-15 cm thick above 45.0 m.; intact; PS2 ⇒ minor CS ₂ w/ lt. gy. qtz ssl. lithons
L	546	569		10	3G4	⇒ 420 w/ greenish beige folia; m. blen; S ₂ 11 gauge 59.1 = 2cm
L	569	586		11	3G0	(OO*d) m. blen. no gauge
L	586	611		12	4A,34	good exhal. 4A text w/ nr. mass. py-ZnS bands → 15 cm thick; some rubble 60.7-61.1 m & 59.8 but recy OK

Lithologic Log

Code	From	To	Recov.	No.	Unit	Description
1	10 14 16 20 22 24 26 28 30 34 35					
L	611	620		13	4E0	(4Q* or OQ*) bria veins - veined 4E unit ?? may be mass. bands from #12
L	620	628		14	4E4	(4C5, 4A*)
L	628	661		15	3G4	→ 4L0 (3G4G) (4L24); m. → 4. gy phyll. grading in & out of 4L w/ local ZnS discs in bands S ₂ ; m. bkn. minor S ₂ gauge 65.5; ZnS-bearing urbs → EOL; 4L24 65.4-65.9 w/ grad. upper/lower cuts.; OQ* S ₂ folia form - minor
L	661	684		16	3G0	±9 minor; loc. banded @ OQ* veins; m. bkn. no gauge; loc. bleached at 15
L	684	716		17	3G16	→ [4C5] (3G1, 3G0, OQO); mod. banded w/ g-py bands w/ 30% py in bands; sheared 3G phyllite; m. bkn.; gauge 70.0 indeter but cuts S ₂
L	716	790		18	3G0	±4 stringed; normal but var. bleached (OQ*) as 2-8 cm. S ₂ masses prev. in unit; m. bkn; gauge 74.9-76.2 indeter but internal S ₂ ; shearing S ₂ as well - symmet ^u slip react. to form gauge?; no rec'y 76.2-77.7 - mismatch?; sheared? 78.5-78.7 w/ 1 cm S ₂ gauge
L	790	806		19	5D4*	sol.; normal, could be tuff., lam'd w/ fine clastic texture
L	806	846		20	3G0	(5D4*, OQ*) ; ±9 @ top; OQ* = 30% 5D4* = 5% ; 5D4* @ 81.3-81.4; 82.8-83.0 as #19 w/ fine lam. & gran. text.; 3G loc. bleached & sheared esp. below 82.6 S ₂ & cut by faults 30/340°;
L	846	853		21	5D4*	lam'd w/ fine clastic texture w/ hints of graded beds; phylls either side bleached
L	853	933		22	3G0	(5D4*, OQ*) ; m. bkn; loc gauged @ 88.1-92.1 (40%) 10°/000 @ upper; internal

Lithologic Log

Date: 16 Aug 82 Logged By: GAT/DST

Code	From	To	Recov.	No.	Unit	Description
1	10 14 16 20 22 24 26 28 30 34 35					
						gauge 11 S ₂ lower indet but cuts S ₂ 45°/000; rks alt ^d adj. to fault; 5D4* @ 85.8-86.0, 88.4-89.2
L	933	940		23	5C4*	fuchsite (OO*) - S ₂ foliaform.
L	940	980		24	3G9	±9 mmx (5D4*); 5D4* @ 97.0-99.1 normal 3G w/ S ₂ foliaform 1-8cm OO*
L	980	994		25	5C4*	(4L6 str.) (OO*); 5C4* 0.4m @ top 0.2m @ base w/ 4L6 w/ g-po-py-zns chlor stringers in middle; OO* in 4L as S ₂ fol. 1-5cm. = 5% of unit
L	994	1047		26	3G9	±* ±G; * = dol. mmx (3B*) as thin band 103-104.0, 100.8-101.0; G = mmx py-zns-po as irreg S ₂ 11 dispems w/out assoc. SiO ₂ ; well striped 11S ₂ due to C folia w/ inc 9 ↓
L	1047	1110		27	4L0	±1 ±2 (4L24 ⇒ [4C0]) (5C4*); 5C4* 108.3-108.6; rks above 5C4* are 4L0 w/ thin py + ZnS bands cf. stringers below 5C4* rks more siliceous & sulfidic c.f. 4A text. but off white to greenish cream; alt ^d work above 5C, exhalites below; 1-2cm tufts " "
L	1110	1132		28	4A9	normal; v. low BMS =; exhalative
L	1132	1157		29	4A31	py + gtz rich 4A; 114.1-114.5 = 4E normal exhalative
L	1157	1173		30	4E4.6	wbly bnded, mmx BaSO ₄ ; 5C4* fuch. @ 117.0 & 117.2 as bria frags or "floaters"; last 0.3m = sulf in sulf bria N.B. 110.0-117.3 = Anvil Cycle all sulfs intact
L	1173	1181		31	5C4*	fuchsite; relict chlor. 4E4* vein 0.1m from EOT; intact; brated lower cut
L	1181	1188		32	5A1.9	(OO*) ZnS bearing bria vein; brated & shrd ⇒ ductility of overlying sulfs S ₂ 11 gauge @ 118.8

Code	From	To	Recov.	No.	Unit	Description
1	10 14 16 20 22 24 26 28 30 34 35					
L	11188	11203		33	3G14	8G±9 (OO*) dol. bria veins; extensive silicification & carbonatization; most soft rks @ top & bottom as hard sil. phyll w/ ductile flow bria textures; 10% OO* FOI
L	11203	11501		34	5B2*	±O minor (5A*, 5D4*, OO±* u. minor, 4H9, 4D0, 4E0 all u. minor); 5B2* w/ 5A* interleaved = main unit @ least 80% w/ db. gy → bll. folia & good lithon struct in gty-CO ₂ soft lam. 11 S ₂ & transp 11 S ₂ imparting "double" striping; 5D1* 3% @ 133.0-133.5, 135.0-135.1; 3cm, 4H0 @ 128.1 w/ micro bria text - layer or vein ??; 4E @ 149.4-149.5 " " ; 4D @ 149.6-149.7 " " ; unit intact no gauge stall
L	11501	11508		35	3G4*	(OO* py bria tact) [4G*] (4E0) intensely carb. & bleached 3G w/ OO* between bria 11 S ₂ - deformed?; 5cm 4E vein ? @ 150.5; meta somatic unit c.f. #32
L	11508	11544		36	4E4G	(5C4*) minor; mass w/ inc. Bca uphole ⇒ 4G but not making it w/bly → mod. banded; un bria tact; sm det blotches; 5C4* @ 151.4-151.5 intact
L	11544	11595		37	4E4	±O; w/bly banded; several gtyoso 5cm. bands; subtle ↓ inc in SiO ₂
L	11595	11610		38	4A0	normal exhal. text. - base of Anvil Cycle?
L	11610	11615		39	4E0	±1±5
L	11615	11620		40	4A34	normal exhal. text; S _T = 50-60% ZnS-rich upper 1/2, py-rich lower half; sharp lower contact 11 S ₂
L	11620	11667		41	3G9	(3B*) bio minor @ 163.4; unit not stripied; black 162.4-163.4; ZnS+py

Code	From		To		Recov.	No.	Unit		Description			
	10	14	16	20	22	24	26	28		30	34	35
												S ₂
L	1667		1698			42	319	114				±9 ; G = po > py + ZnS as disc S ₂ bands often assoc. w/ SiO ₂ poss. replacing quartz bands S ₂ , ??? - wallrk mineralization
L	1698		1701			43	422	±1				qtz in stages w/ ZnS
												EOH
												Honk if you're bored!
												Honk Honk etc. etc.
												Honk Honk
												Honk Honk again
												Honk Honk
												Honk

Structural Log

Date: 15 Aug 82 Logged By: GAT/DST

Code	From				To				Feature	S ₀ Dip Direct.	S ₁ Dip Direct.	S ₂ Dip Direct.		Description
	10	14	16	20	22	24	26	28				32	34	
S				28				INDP				72	225	
S				69				CS ₂				75		
S				143				INDP				70		⇒ CS ₂
S				184				INDP				70		
S				242				INDP				72		⇒ CS ₂
S				270				INDH				70		CS ₂
S				338				INDP				78		
S				380				INDP				80		
S				461				CS ₂				85		⇒ RS ₂
S				537				INDH				90		RS ₂
S				650				CS ₂				70		
S				703				INDP				65		
S				786				INDP				60		
S				818				INDP				69		CS ₂
S				870				INDD				68		CS ₂
S				955				INDP				68		
S				1022				CS ₂				78		⇒ DD
S				1078				CS ₂				75		
S				1202				CS ₂				80		
S				1255				CS ₂				85		
S				1312				CS ₂				80		
S				1389				CS ₂				85		
S				1457				CS ₂				86		
S				1500				CS ₂				68		
S				1553				INDP				63		or RS ₁
S				1600				CS ₂				72		
S				1640				CS ₂				70		
S				1695				CS ₂				80		

ASSAY LOG (SAMPLER'S COPY)

CODE	FROM		TO		SAMPLE		INTR.		REC (m)		UNIT		DESCRIPTION
	10	14	16	20	22	26	28	30	32	34	36	40	
P	127	9	129	5	143140		14		14		4A4		
P	129	5	130	9	143141		14		11		4A4		
P	158	6	161	1	143142		25		17		4A34		
P	161	1	162	8	143143		17		15		4E4	(4C5)(4E0)(4D*)	
P	111	0	111	6	143144		16		15		4A0		
P	111	6	111	3	2	143145		16		16	4A9		
P	111	3	111	5	7	143146		25		25	4A31		
P	111	5	111	7	3	143147		18		14	4E46		
P	115	0	115	2	7	143148		19		18	4E46		
P	115	2	115	4	6	143149		19		19	4E46		
P	115	4	115	7	0	143150		24		22	4E4	±0	
P	115	7	115	9	5	143151		25		24	4E4	±0	
P	115	9	116	2	0	143152		25		25	4A34	±1(4E0±1±5)(4A0)	

DDH FAG.0176
2 8

Cyprus Anvil Mining Corp.

Page _____ of _____

Structural Log

Date: _____ Logged By: _____

Code	From				To				Feature	SYM	S ₀		S ₁		S ₂		Description
	10	14	16	20	22	24	26	28			32	34	38	40	44		
					193			G					11	S ₂			
					279			F					45	000			
		309			314			B/S									
					561			IG					11	S ₂			
		587			586			2R									
		607			611			R									
					598			1R									
				611				DX?									
					655			G					11	S ₂			
		661			684			2B,X									
					700			G									
		716			749			2B									
		749			762			GS					11	S ₂			
		762			777			N.M.?									
		785			787			GS?					11	S ₂			
		826			846			SF					30	340		11	S ₂
		881			921			G					10	000		11	S ₂
					1181			X									
					1188			G					11	S ₂			

DIAMOND DRILL RECORD

 LOGGED BY ALEXANDER YOUNG-PO

 D.D.H. NO 76-U-176 PAGE 1

PROPERTY GRUM JOINT VENTURE

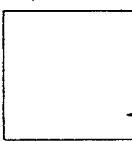
LATITUDE *11,052.879m N 84W STARTED SEPTEMBER 16, 1976

DEPARTURE *7,445.669m 7N COMPLETED SEPTEMBER 21, 1976

ELEVATION *1.100.718 PROPOSED DEPTH 575' - 175.2m

1* - approximated ULTIMATE DEPTH 560' - 170.7m

HOLE SURVEY:		
DEPTH	BEARING	DIP



CLAIM NO _____

DIRECTION AND DISTANCE FROM N.E. CLAIM POST

Interval		DESCRIPTION	Recovery	Sample No	Interval		Sample Length	Assay					Assay 2				
From	To				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag		
0	25.3	GRAPHITIC PHYLLITE (G). Very fissile, easily breaking into poker chips. Foliation F = 75-85°; F = 0-10°. Series of small F fold nose closures on both opposite sides of core. 21.3-23.0: Interval with short Calcitic-chloritic run (=7cm) Contacts sharp and clean = 75°. 25.3: Sharp contact with Calcitic chloritic phyllite (CK) = 80°.	23.1		0	25.3	25.3										
25.3	28.0	CALCITIC-CHLORITIC PHYLLITE (CK). Competent. Greenish groundmass with white stripes. Medium grain. Foliation F = 85-90°; F = 0-10°. 28.0: Abrupt change to Mineralized Graphitic Phyllite (PG). Contact broken ground.	2.5		25.3	28.0	2.7										
28.0	30.8	MINERALIZED GRAPHITIC PHYLLITE (PG). Competent. F = 70-75°; F = 0-10°. Sulfides in both foliation. 30.8: Abrupt change to Bleached Sericite Phyllite. Contact	2.1	B455	28.0	30.8	2.8	4.00	8.64	80.57							

Interval		DESCRIPTION	Recovery	Sample N ^o	Interval		Sample Length	Assay					Assay x				
From	To				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag		
		sharp and clean = 85-90°. Intervals = 10cm long.															
		104.2: Abrupt change to Bleached Sericite Phyllite (Sb).															
		Contact = 85°.															
104.2	110.0	BLEACHED SERICITE PHYLLITE WITH CHLORITIC INTERVAL (Sb+Sbc).	5.3		104.2	109.7	5.5										
		Competent. Buff to silvery white. Chloritic interval has green stripes. Foliation F = 75-85°; F = 0-5°.															
		108.2-108.6: Chloritic interval. Contacts sharp and clean = 75°.															
		109.5-110: Sulfide showing. Py: 4% PbZn: 1%															
		110.0: Sharp contact with mineralized Graphitic Phyllite (PG) = 80°.															
110.0	117.3	MINERALIZED GRAPHITIC PHYLLITE (PG) WITH MASSIVE SULFIDE INTERVAL HAVING BARITE IN GROUNDMASS (Mb). Competent. Foliation = 75-85°; F = 15-20°.	10 3 15 4 25 4	1.4 1.3 1.5	B494 B495 B496	109.7 111.3 112.8	111.3 112.8 114.3	1.6 1.5 1.5	0.55 0.70 1.00	1.08 0.95 0.83	12.00 14.06 20.23			1.63 1.65 1.83	PbZn PbZn PbZn		
		115.7-117.3: Massive Sulfide (M) and Barite-in-ground mass sulfide varieties (Mb). Competent. Contacts sharp = 80°.	30 5 70 8	1.5 1.5	B497 B498	114.3 115.8	115.8 117.3	1.5 1.5	1.80 5.25	3.03 7.51	34.29 72.69			2.70 7.88	4.55 11.27	51.44 109.04	
		117.3: Sharp contact with Chloritic Bleached Sericite Phyllite. Contacts = 75°.			W.Av. W.Av.	109.7 114.3	114.3 117.3	4.6 3.0	1.70 3.53	PbZn 5.27				10.58	15.82	160.48	

Interval		DESCRIPTION	Recovery	Sample N ^o	Interval		Sample Length	Assay					Assay I				
From	To				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag		
117.3	118.3	CHLORITIC BLEACHED PHYLLITE (Sbc). Competent.	0.9		117.3	118.3	1.0										
		Silvery white with green stripes and spots. Foliation = 75-80°.															
		118.3: Abrupt change to Graphitic Phyllite (G). Contact marked by bull quartz - broken ground.															
118.3	150.8	GRAPHITIC SERICITE PHYLLITE (G). Competent.	32.8		118.3	150.8	32.5										
		F = 85-90°; F = 0-5°. Graphite = 20%. Isolated sporadic clots/clusters of sulfides = 1% Py and Po.															
		152.3: Sharp clean contact with Massive Sulfides. Contact plane is wavy with general dip of 85°.															
150.8	159.5	MASSIVE SULFIDE WITH BARITE IN GROUNDMASS. Competent.	65 12	1.6	B499	150.8	152.4	1.6	4.23	6.87	72.69			6.77	10.99	116.30	
		Ba = 10% (Mb). Faint compositional banding Sph-py/ba = 80-85°.	65 12 65 10	1.5 1.5	B500 601B	152.4 143.9	153.9 155.4	1.5 1.5	5.49 5.33	7.93 7.04	102.9 75.77			8.24 8.00	11.90 10.56	154.29 113.66	
		152.6-152.8: Bleached Sericite Phyllite interval.	70 5	1.5	602B	155.4	157.0	1.6	2.95	4.05	48.34			4.72	6.48	77.34	
		White with prominent fuchsite spots.	70 5	1.5	603B	157.0	158.5	1.5	1.63	1.78	29.14			2.45	2.67	43.71	
		Contacts abrupt, broken ground.	60 6	1.5	604B	158.5	160.0	1.5	2.60	3.80	41.49			3.90	5.70	62.24	
		159.5: Gradual change to Mineralized Graphitic Phyllite (PG).	60 10	1.9	605B	160.0	162.0	2.0	4.68	9.37	69.60			9.36	18.74	139.2	
					W.Av.	152.4	155.4	3.0	5.41	7.49	89.3						
					W.Av.	150.8	155.4	4.6	5.00	7.27	83.53			23.01	33.45	384.25	
159.5	162.0	MINERALIZED GRAPHITIC PHYLLITE (PG). Competent.			W.Av.	158.5	162.0	3.5	3.79	6.98	57.55			13.26	24.44	201.44	

DDH: FAGU176 -- 42 DEGREE PROFILE

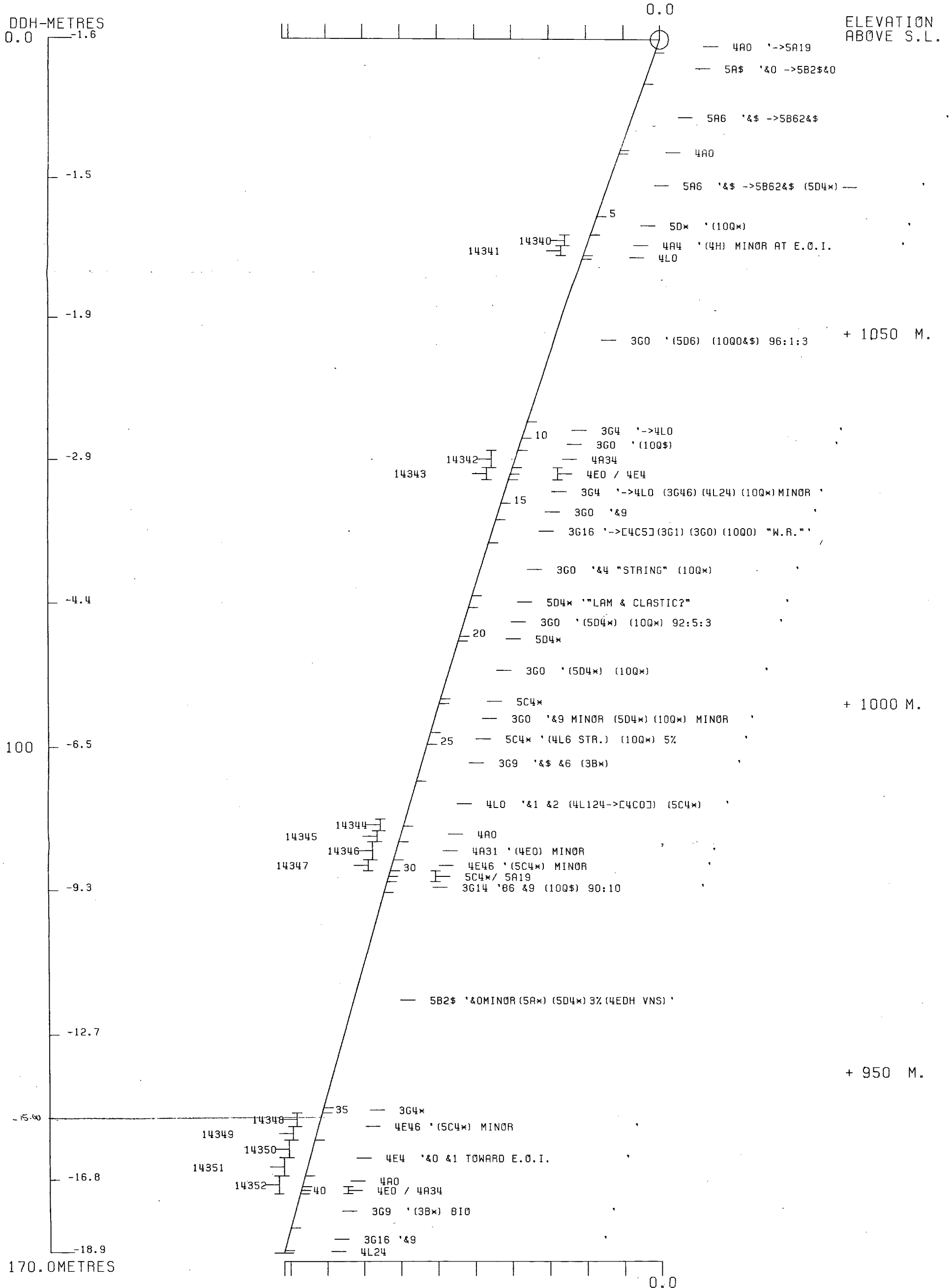
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1090 592132E ; 905255N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

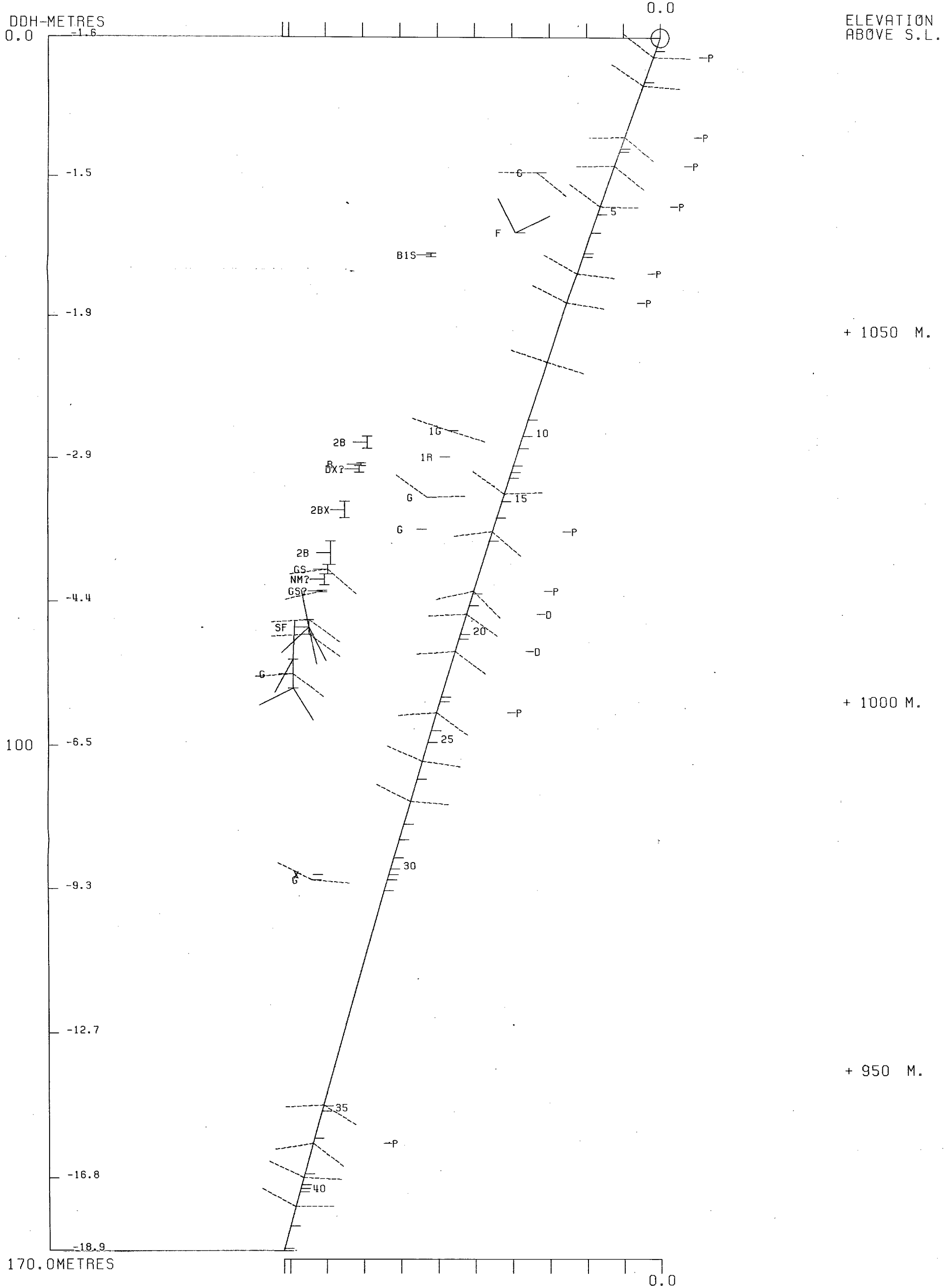
CORRECTED COLLAR POSITION: X = 577.1 Z = 1089.8

SECTION NAME: 84W



DDH: FAGU176 -- 42 DEGREE PROFILE (VIEW AZIMUTH = 312 DEGREES)

ELEV:1090 592132E ; 905255N
 PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0
 CORRECTED COLLAR POSITION: X = 577.1 Z = 1089.8
 SECTION NAME: 84W



FAQU 178

DRILL HOLE : FAGU178
NORTHING : 905,255.0
EASTING : 592,132.2
ELEVATION : 1,094.3
TOTAL DEPTH : 79.5
SECTION : W 84
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS ORE-SAMPLES: 19
NOS DOWN-H-SURVEYS: 1
NOS DOWN-H-LITHOLOGY: 38
NOS DOWN-H-STRUCTURE: 11
NOS DOWN-H-FAULTS: 7
NOS DOWN-H-SPLINES: 1
NOS COMPOSITES: 0

DDH: FAGU178 UTM-N: 905,255.0 UTM-E: 592,132.2 UTM-ELEV: 1,094.3 TOTAL DEPTH: 79.5 SECTION: W 84
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

---DEPTHS---		SAMPLE NO.	INT.	REC.	ROCK UNIT	S.G. PULP	-----ASSAYS-----													
FROM	TO						CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %
.0	4.7	14297	4.7	1.9	4D5	3.33	.02	4.05	7.29	62.99	.81	1	8	10						
4.7	6.7	14298	2.0	2.0	4D5	3.24	.02	1.70	4.40	35.00	.40	1	10	11						
6.7	8.7	14299	2.0	1.8	4D5	3.16	.02	2.85	5.79	47.00	.47	1	6	7						
8.7	10.7	14300	2.0	2.0	4A4	3.18	.07	4.95	9.59	90.00	.68	3	2	5						
10.7	13.5	14301	2.8	2.5	4A4	3.08	.04	2.31	3.08	36.00	.81	1	6	8						
13.5	15.4	14302	1.9	1.9	4C0	3.08	.11	.41	.35	13.00	1.37	1	3	10						
15.4	17.4	14303	2.0	1.9	4A0	2.97	.04	3.29	1.07	39.00	.75		4	4						
17.4	19.2	14304	1.8	1.8	4C0	3.02	.07	3.08	1.22	36.00	.75	1	5	6						
20.1	22.3	14305	2.2	2.2	4D0	3.00	.04	2.64	2.37	35.00	.47	1	3	5						
22.3	24.5	14306	2.2	2.1	4C0	2.98	.04	1.15	1.55	19.00	.68	2	2	5						
24.5	26.0	14307	1.5	1.5	4C0	3.02	.02	1.49	2.41	24.00	.34	5		5						
26.0	27.5	14308	1.5	1.5	4D5	2.95	.01	2.50	3.83	43.00	.68	1		2						
27.5	29.0	14309	1.5	1.4	4C5	2.87	.01	1.33	2.56	26.00	.27	1		1						
32.8	34.8	14310	2.0	2.0	4A0		.05	.88	1.32	11.00										
34.8	37.4	14311	2.6	2.6	4A0	2.95	.02	1.98	2.02	27.00	.81		3	4						
37.4	39.7	14312	2.3	2.3	4ADE	3.27	.05	3.04	6.00	50.00	.68	1	9	11						
54.8	66.0	14313	1.2	1.2	4CA	3.12	.04	2.37	1.96	31.99	.40	2	6	9						
66.0	67.3	14314	1.3	1.3	5D4*	3.00	.01	.88	1.78	15.99	.20	6	1	7						
67.3	68.6	14315	1.3	.8	4DE	3.45	.08	2.17	4.79	47.00	.20	11	9	20						
WEIGHTED AVERAGE																				
.0	19.2		19.2	15.8		3.16	.04	2.99	4.56	47.31	.76	1	6	8						
20.1	29.0		8.9	8.7		2.97	.02	1.83	2.45	29.02	.50	2	1	4						
32.8	39.7		6.9	6.9		2.20	.04	2.01	3.14	30.02	.53		4	5						
64.3	68.6		3.8	3.3		3.19	.04	1.79	2.87	31.65	.27	6	5	12						

17OCT83 GRUM

DOWN-HOLE SURVEYS (DH020)

PAGE: 17

DDH: FAGU178 UTM-N: 905,255.0 UTM-E: 592,132.2 UTM-ELEV: 1,094.3 TOTAL DEPTH: 79.5 SECTION: W 84
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	13.200	56.300

DDH: FAGU178 UTM-N: 905,255.0 UTM-E: .592,132.2 UTM-ELEV: 1,094.3 TOTAL DEPTH: 79.5 SECTION: W 84
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
8.7	0001	4D5	->4A4 (5D4*) TR.	0.5-	1
10.7	0002	4A4		0.5-	1
13.5	0003	4A0		0.5-	1
14.4	0004	4C0		0.5-	1
14.7	0005	5D4*		0.5-	1
15.4	0006	4C0	(5C4*) MINOR	0.5-	1
18.3	0007	4A0	->4C5	0.5-	1
19.2	0008	4C0	(5D4*)(5C4*) BOTH MINOR	0.5-	1
20.1	0009	5D4*		0.5-	1
21.1	0010	4D0	(5C4*) ->4D3	0.5-	1
21.7	0011	4A0		0.5-	1
22.3	0012	4D0	(5D4*)	0.5-	1
23.1	0013	4C0	(5C4*) (5D4*)	0.5-	1
23.7	0014	5D4*		0.5-	1
24.5	0015	4D0	(5D4*) ->4D3	0.5-	1
25.1	0016	5D\$	(10Q\$)	0.5-	1
26.0	0017	4D4	(5D4*) ->4D3	0.5-	1
31.4	0018	4D5	->4C5 ->3G9681 DOWN	0.5-	1
32.8	0019	4L24	1 (10Q*) 2-3%	0.5-	1
37.4	0020	4A0		0.5-	1
39.4	0021	4A4	83	0.5-	1
39.7	0022	4D0	(4E485) AT BASE	0.5-	1
47.7	0023	3G9	8\$ (5D4\$)	0.5-	1
53.3	0024	5B6\$	80 82 (10Q\$) 2-3%	0.5-	1
56.9	0025	5B0	8\$ MINOR	0.5-	1
59.4	0026	5B6\$		0.5-	1
59.7	0027	5D4*		0.5-	1
61.0	0023	5B6\$		0.5-	1
61.6	0029	5B62\$		0.5-	1
64.1	0030	5D4*		0.5-	1
64.8	0031	5D4*	(5B62\$)	0.5-	1
65.2	0032	4C0		0.5-	1
66.0	0033	4A0		0.5-	1
66.5	0034	5D4*		0.5-	1
67.0	0035	4D3		0.5-	1
67.3	0036	5C4*		0.5-	1
68.6	0037	4D0	->4E0 AT E.O.I.	0.5-	1
79.6	0038	5A		0.5-	1

17OCT83 GRUM

DOWN-HOLE STRUCTURE (DH020)

PAGE: 19

DDH: FAGU178 UTM-N: 905,255.0 UTM-E: 592,132.2 UTM-ELEV: 1,094.3 TOTAL DEPTH: 79.5 SECTION: W 84
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	DIRECT	S1 ANGLE	DIRECT	S2 ANGLE	DIRECT	RFE	CDE	DHDC	SDC	PROCESS
FAGU178	0.0	5.3	CS2		0	0	0	0	70	230	0		1	1	1
FAGU178	0.0	11.0	CS2		0	0	0	0	90	230	0		1	1	1
FAGU178	0.0	13.5	CS2		0	0	0	0	65	230	0		1	1	1
FAGU178	0.0	20.8	PS2	P	0	0	0	0	60	230	0		1	1	1
FAGU178	0.0	25.5	CS2		0	0	0	0	65	230	0		1	1	1
FAGU178	0.0	31.0	CS2		0	0	0	0	80	230	0		1	1	1
FAGU178	0.0	35.9	CS2		0	0	0	0	60	230	0		1	1	1
FAGU178	0.0	44.6	CS2		0	0	0	0	70	230	0		1	1	1
FAGU178	0.0	53.0	CS2		0	0	0	0	70	230	0		1	1	1
FAGU178	0.0	58.8	CS2		0	0	0	0	72	230	0		1	1	1
FAGU178	0.0	61.5	CS2		0	0	0	0	70	230	0		1	1	1

DDH: FAGU178 UTM-N: 905,255.0 UTM-E: 592,132.2 UTM-ELEV: 1,094.3 TOTAL DEPTH: 79.5 SECTION: W 84
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	REC	CD	PARLL	UPPER PLANE	INTERNAL PLANE	LOWER PLANE	DHD	
FAGU178	0.0	3.0	P	1			0	0	0	0	1
FAGU178	56.9	59.4	2B				0	0	0	0	1
FAGU178	64.1	64.8	G3F				0	0	0	0	1
FAGU178	64.8	65.2	S1G				0	0	99	999	1
FAGU178	65.2	66.0	SGX				0	0	99	999	1
FAGU178	67.0	67.3	3BG				0	0	0	0	1
FAGU178	68.6	79.6	G3F				0	0	0	0	1

17OCT83 GRUM

DOWN-HOLE SPLINES (DH020)

PAGE: 21

DDH: FAGU178 UTM-N: 905,255.0 UTM-E: 592,132.2 UTM-ELEV: 1,094.3 TOTAL DEPTH: 79.5 SECTION: W 84
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH SEGMENT NOS COND INDICATOR

FAGU178 1 1

84 W.

CYPRUS ANVIL MINING CORPORATION

Page 1 of 8

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: FAGU 178

Reference Fabric Orientation Diagram: _____

Project: GRUM

Location: 84 W.

Claim: _____

Terr. Plane Co-ords.: 905255.0 N

change of basis of K-A survey co-ords
Grid Co-ords: 592132.2 E

Grid Co-ords: _____

All symmetry determinations looking

K-A elev - 10.61 m
Elevation: 1094.3

_____ with _____ dipping

Total Depth: 79.6 m

_____ with dip azimuth _____.

Purpose: _____

Reason hole Terminated: _____

Logged by: DSJ/GAJ

Date(s) Logged: 15 AUG 82

Drilling Contractor: _____

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

Hole Cemented: _____

Steel down hole: _____

Started: _____ Completed: _____

Code	From				To				Recov.	No.	Unit	Description
	10	14	16	20	22	24	26	28				
L		00		187						1	4DS	→ 4A4 (SD4*) ⁺ normal exhalative textures since have mass py and sphal bands - has good texture for 4A but too like 0-3 m = .3m recvy remainder of units recvy is good
L		87		107						2	4A4	normal 4A textures and color split but intact
L		107		135						3	4A0	continuation of above but sharp decrease in grade well developed subble banding ⇒ exhalites?
L		135		144						4	4C0	strongly banded off white to buff pyritic gtzite - good layering - tot S ⁼ 25-30% poor in BMS ⁼ , intact
L		144		147						5	SD4*	intact
L		147		154						6	4C0	(SC4*) as unit 4 lower tot S ⁼ - 2 thin SC4* bands
L		154		183						7	4A0	Lacks good exhalite textures but is banded low tot S ⁼ - mass py like color for 4A
L		183		192						8	4C0	(SD4*) as units 4+6 - widely spaced py bands in sericite gtzite - off white thin SD4* bands and 1-SC4* band. 1-3 cm thick
L		192		201						9	SD4*	massive heavily carbonated weak "fish" intact
L		201		211						10	4D0	(SC4*) 4D is strongly banded off white to cream, py & BMS ⁼ : 35-40% tot S ⁼ best grade in lower 2/3 interval. - SC and lower grade in upper 1/3 - Py and sphal rich bands and good banding overall may ⇒ exhalites
L		211		217						11	4A0	low tot S ⁼ - py & BMS ⁼ - weak banding not best 4A but ok
L		217		223						12	4D0	(SD4*) as unit 10 banded also

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	223	231		113	4CP	(SD4*)(SD4*) units av 5cm thick - complex interleaving all SD unmineralized - thickness may \Rightarrow tuffs not dikes sills or flows
L	231	237		114	SD4*	intact
L	237	245		115	4D0	(SD4*) complexly interleaved sequence of well banded 4D with 4 bands 2-4cm thick of SD4* - tuffs? SD is unmineralized and in sharp contact.
						4D is sphul > py (2:1) - offwhite to beige to tan - tot S = ~30%
L	245	251		116	SD*	dolo. intact (OP*) veins - still has green color
L	251	260		117	4D4	(SD4*) as unit 15 has 7 SD4* bands av 2-5cm thick interleaved with 4D4 av 3-5cm
						4D = sphul > py, well banded, ~30% tot S
L	260	314		118	4D5	med dark grey s.c. ch. [micaceous] fine grading downwards into 4C5 and then 3698 \pm 1 pronounced downward decrease in tot S = - sphul > py 20% tot S = at top - to at base. good 4D gone by 28m
						4C5 to 29m remainder is 3698 \pm 6 \pm 1 - washed rocks - whole interval may be altered wall rx.
L	314	328		119	4L24	(OP*) 2-38 unit intact good 4L
L	328	374		120	4A0	low tot S = py > BMS = not block enough for good 4A moderately well developed banding in gte S = is good 4A texture -

low tot S = and lack of near mass bands raises question of exhalative nature.

Lithologic Log

Date: 15 Aug 82 Logged By: DSJ/GAT

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	37.4	39.4		21	4A4	±3 normal 4A py rich and sphal rich layers - well banded.
L	39.4	39.7		22	4D0	(4E4 ± 5) 4D0 → 39.6 4E4 to FOI
L	39.7	47.7		23	3G9	±*(SD4)* = dolo homog distrib to about 41.8 m then sporadic to FOI in gtzose bands 5D4X 42-2 → 42.5 intact for this lithology
L	47.7	53.3		24	5B6*	±0 ± 2 * = dolo calcite sporadically distributed, ± 2 in top 2-5 m only (0.9*) dol 2-3%, unit intact
L	53.3	56.9		25	5B0	±* dol ← minor - slight green cast may imply minor ± 8 (chlorite)
L	56.9	59.4		26	5B6*	* = dolo - vandyada textures with dolo in the gtzose layers - mod broken, good recov
L	59.4	59.7		27	5D4*	
L	59.7	61.0		28	5B6*	massive lt grey - buff dolomite rich rocks beside 5D4* = carbonated vandyada along
L	61.0	61.6		29	5B6*	* = dolo rock is ^{med.} dk grey as distinct from above.
L	61.6	64.1		30	5D4*	heavily carbonated SD typical buff weathered color
L	64.1	64.8		31	5D4*	(5B62*) gorge IND = Major Fault zone SD in top 5 SB lower 5
L	64.8	65.2		32	4C0	low tot S = low py nil sphal very sheared minor incip S ₂ // gorge.
L	65.2	66.0		33	4A0	highly sheared and incip bxt'd to gorge // S ₂ esp 65.5-65.6 slicks ⊥ to S ₂ dip line azimuth @ 65.5 elsewhere slicks // to dip line azimuth.
L	66.0	66.5		34	5D4*	intact
L	66.5	67.0		35	4D0	light cream colored 40% tot S = sphal > py well banded → 900 d exhalite

59-59.4 = massive grey dolo. rich

DDH FAG.U.17.8
 2 8

Cyprus Anvil Mining Corp.

Page 6 of 8

Lithologic Log

Date: 15 Aug 82 Logged By: DSJ/GAJ

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		67	0			67	3																	36	SP4*	"fish" heavily broken and incipiently gouged
L		67	3			68	6																	37	4DP	grading downward to 4E0 to end of unit, unit v. broken at F.O.T
L		68	6			79	6																	38	SA	group = major fault IND totally

check KA by for F.O.T →

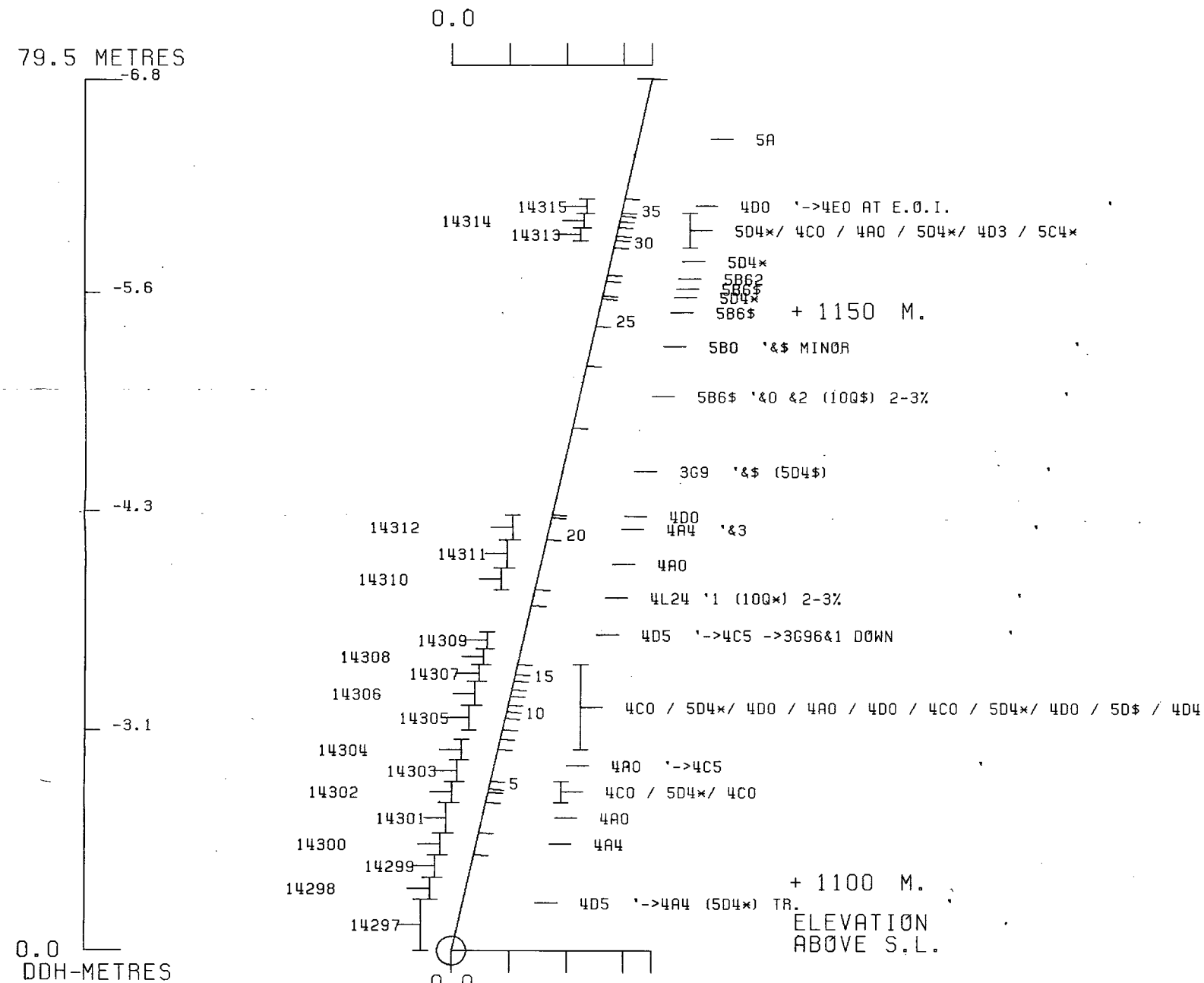
ASSAY LOG (SAMPLER'S COPY)

Date 15 Aug 82

Sampled by _____

CODE	FROM		TO		SAMPLE	INTR.				REC (m)	UNIT	DESCRIPTION	
	10	14	16	20		22	26	28	30				32
P	100		147		14297		147		119		4DS		→ 4A4
P	147		167		14298		20		120		4DS		"
P	167		187		14299		20		118		4DS		"
P	187		107		14300		20		120		4A4		
P	107		135		14301		28		125		4A0		
P	135		154		14302		19		119		4C0		(5D4*)
P	154		174		14303		20		119		4A0		
P	174		192		14304		18		118		4C0		(4A0)(5D4*)
P	201		223		14305		22		122		4D0		(4A0)(5C4*)(5D4*)
P	223		245		14306		22		121		4C0		(4D0)(5D4*)(5C4*)
P	245		260		14307		15		115		4D4		(5D4*)
P	260		275		14308		15		115		4DS		
P	275		290		14309		15		114		4C5		
P	328		348		14310		20		120		4A0		
P	348		374		14311		26		126		4A0		
P	374		397		14312		23		123		4A4		(4D0, 4E4±5)
P	448		460		14313		12		112		4C0		(4A0)
P	460		473		14314		13		113		5D4*		(4D0)
P	473		484		14315		13		108		4D0		(4E0)

Interval		DESCRIPTION	Recovery	Sample No	Interval		Sample Length	Assay					Assay x		
From	To				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag
18.3	20.5	BLEACHED SERICITE PHYLLITE (Sb). Competent.		W.Av.	0	10.7	10.7	3.93	7.35	58.48			42.04	78.61	625.76
		Weakly mineralized. Buff with prominent green (fuchsite) spots/laminae.		W.Av.	4.6	7.6	3.0	2.03	4.38	31.89			6.08	13.13	95.66
		20.5: Abrupt change to Quartz-Sulfide (P). Contact broken ground.		W.Av.	7.6	10.7	3.1	4.91	10.2	81.46			15.21	31.62	252.54
				W.Av.	12.2	16.8	4.6	2.56	PbZn						
				W.Av.	0	7.6	7.6	3.53	6.18	49.1			26.83	46.99	373.22
20.5	22.5	QUARTZ-SULFIDE (P) W/SHORT INTERVAL OF BLEACHED SERICITE (P-Sb). Competent. Foliation F = 45-50°; F = 0-10° @ 21.2-		W.Av.	10.7	13.7	3.0	1.98	2.67	28.3					
		21.3. Foliation change to F = 75-85°; F = 0-5° @ 21.3-22.5		W.Av.	15.2	18.3	3.1								
		22.5: Abrupt change to Chloritic Bleached Phyllite (Sbc). Contact broken ground.													
22.5	23.5	CHLORITIC BLEACHED SERICITE PHYLLITE (Sbc). Competent. Buff to silvery white with green stripes. Foliation F = 80-85°.													
		23.5: Clean contact with quartz-sulfide and bleached sericite phyllite (P-Sb) = 85°.													
23.5	24.5	QUARTZ-SULFIDE W/BLEACHED SERICITE PHYLLITE (P-Sb). Competent. Foliation = 65-75°; F = 0-5°. Sulfides in both foliation.													
		24.5: Clean change to Chloritic Bleached Sericite Phyllite (Sbc). Contact = 75°.													
24.5	25.9	CHLORITIC BLEACHED SERICITE PHYLLITE. Competent. Buff to greenish groundmass. F = 60-65°. Weakly mineralized. 15 8	2.9	653B	36.6	39.7	3.1	2.80	5.00	41.49					



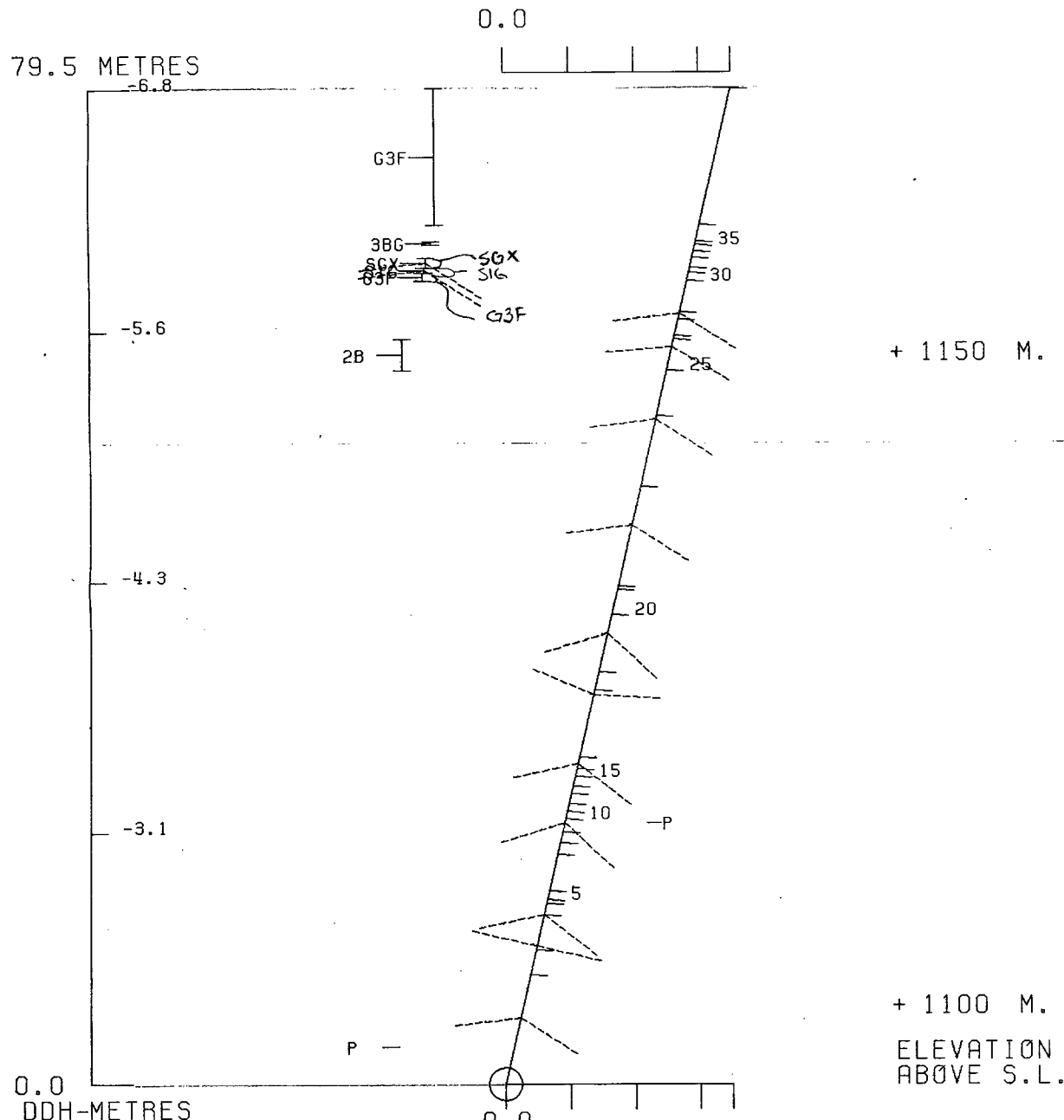
DDH: FAGU178 -- 42 DEGREE PROFILE
 (VIEW AZIMUTH = 312 DEGREES)

ELEV: 1094 592132E ; 905255N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 577.6 Z = 1093.9

SECTION NAME: 84W



DDH: FAGU178 -- 42 DEGREE PROFILE
 (VIEW AZIMUTH = 312 DEGREES)

ELEV: 1094 592132E ; 905255N
 PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0
 CORRECTED COLLAR POSITION: X = 577.6 Z = 1093.9
 SECTION NAME: 84W

FAGU 180

DRILL HOLE : FAGU180
NORTHING : 905,222.8
EASTING : 592,099.5
ELEVATION : 1,093.4
TOTAL DEPTH : 30.5
SECTION : W 84
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS ORE-SAMPLES: 12
NOS DOWN-H-SURVEYS: 1
NOS DOWN-H-LITHOLOGY: 14
NOS DOWN-H-STRUCTURE: 6
NOS DOWN-H-FAULTS: 5
NOS DOWN-H-SPLINES: 1
NOS COMPOSITES: 0

DDH: FAGU180 UTM-N: 905,222.8 UTM-E: 592,099.5 UTM-ELEV: 1,093.4 TOTAL DEPTH: 30.5 SECTION: W 84
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

---DEPTHS---		SAMPLE NO.	INT.	REC.	ROCK UNIT	S.G. PULP	CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	-----ASSAYS-----				BAO %	HG %	MN %	AS %	BA %	S.G. W.R.	
FROM	TO												PO %	PY %	TOT FE								
.0	2.1	14285	2.1	.4	4A41	3.64	.07	6.00	10.69	91.00		1.03	9	3	12								
2.1	3.8	14286	1.7	1.6	4C0		.11	.63	.66	10.00													
3.8	5.4	14287	1.6	1.4	4C0		.16	.47	.86	10.00													
5.4	7.0	14288	1.6	1.3	4A0		.08	.28	.72	6.00													
7.0	9.0	14289	2.0	1.5	4A0		.08	.28	.55	7.99													
9.0	11.0	14290	2.0	1.9	4A0		.04	.63	1.06	11.00													
11.0	13.1	14291	2.1	1.4	4A0		.05	.34	1.15	6.99													
13.1	15.2	14292	2.1	2.1	4A0		.08	.34	.64	13.00													
15.2	17.3	14293	2.1	2.0	4A0	3.02	.05	1.47	2.87	27.00		.34	1	6	7								
17.3	19.0	14294	1.7	1.6	4A0	3.14	.07	1.43	2.04	27.99		.81	1	10	11								
19.0	20.7	14295	1.7	1.6	4A4	3.35	.17	2.81	4.01	51.00		1.37	1	13	15								
20.7	22.2	14296	1.5	1.4	4A34	3.35	.13	4.25	5.40	63.99		.68	2	10	12								

WEIGHTED AVERAGE

.0 22.2 22.2 16.2 1.35 .08 1.57 2.59 27.05 .34 1 3 4

17OCT83 GRUM

DOWN-HOLE SURVEYS (DH020)

PAGE: 24

DDH: FAGU180 UTM-N: 905,222.8 UTM-E: 592,099.5 UTM-ELEV: 1,093.4 TOTAL DEPTH: 30.5 SECTION: W 84
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	2.700	332.200

DDH: FAGU180 UTM-N: 905,222.8 UTM-E: 592,099.5 UTM-ELEV: 1,093.4 TOTAL DEPTH: 30.5 SECTION: W 84
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
2.1	0001	4A41	3	0.5-	1
2.4	0002	4C0	[4L124]	0.5-	1
2.8	0003	5D4*	(4C0) 90:10	0.5-	1
3.6	0004	4C0	[4L124] (4L0) (10Q*)	0.5-	1
3.8	0005	5D4*		0.5-	1
5.4	0006	4C0		0.5-	1
6.5	0007	4A0	->4C5 AT E.O.I.	0.5-	1
7.0	0008	5C4*		0.5-	1
7.1	0009	4C0		0.5-	1
17.3	0010	4A0	&3 &3	0.5-	1
17.4	0011	5C4*		0.5-	1
20.7	0012	4A0	&3 &4	0.5-	1
22.2	0013	4A34		0.5-	1
30.5	0014	5A3	&3 (5B623)	0.5-	1

17OCT83 GRUM

DOWN-HOLE STRUCTURE (DH020)

PAGE: 26

DDH: FAGU180 UTM-N: 905,222.8 UTM-E: 592,099.5 UTM-ELEV: 1,093.4 TOTAL DEPTH: 30.5 SECTION: W 84
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	DIRECT	S1 ANGLE	DIRECT	S2 ANGLE	DIRECT	RFE	CDE	DHDC	SDC	PROCESS
FAGU180	0.0	1.6	PS2	P	0	0	0	0	80	230	0		1	1	1
FAGU180	0.0	8.0	CS2		0	0	0	0	65	230	0		1	1	1
FAGU180	0.0	13.0	CS2		0	0	0	0	65	230	0		1	1	1
FAGU180	0.0	19.8	CS2		0	0	0	0	70	230	0		1	1	1
FAGU180	0.0	24.3	CS2		0	0	0	0	68	230	0		1	1	1
FAGU180	0.0	28.0	CS2	D	0	0	0	0	75	230	0		1	1	1

17OCT83 GRUM

DOWN-HOLE FAULTS (DH020)

PAGE: 27

DDH: FAGU180 UTM-N: 905,222.8 UTM-E: 592,099.5 UTM-ELEV: 1,093.4 TOTAL DEPTH: 30.5 SECTION: W 84
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	REC	CD	PARLL	UPPER PLANE	INTERNAL PLANE	LOWER PLANE	DHD		
FAGU180	0.0	2.4	BP		3		0	0	0	0	1	
FAGU180	2.8	3.6	B				0	0	0	0	1	
FAGU180	20.7	22.2	D				0	0	0	0	1	
FAGU180	25.1	25.3	G				0	0	0	0	1	
FAGU180	30.0	30.3	BG				0	0	0	99	999	1

17OCT83 GRUM

DOWN-HOLE SPLINES (DH020)

PAGE: 28

DDH: FAGU180 UTM-N: 905,222.8 UTM-E: 592,099.5 UTM-ELEV: 1,093.4 TOTAL DEPTH: 30.5 SECTION: W 84
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH SEGMENT NOS COND INDICATOR

FAGU180 1 1

84W.

CYPRUS ANVIL MINING CORPORATION

Page 1 of 5

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: FAGU 180

Reference Fabric Orientation Diagram:

Project: GRUM

Location: 84W

Claim: _____

Terr. Plane Co-ords.: 905222.8 N

592099.5 E

Grid Co-ords: _____

change of basis of
K-A survey co-ords

All symmetry determinations looking

Elevation: 1093.4

NW with 5 dipping

K-A elev -10.61

Total Depth: 30.5

SW with dip azimuth 225.

Purpose: _____

Reason hole Terminated: _____

Logged by: DSJ/GAT

Date(s) Logged: AUG 82

Drilling Contractor: _____

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

Hole Cemented: _____

Steel down hole: _____

Started: _____ Completed: _____

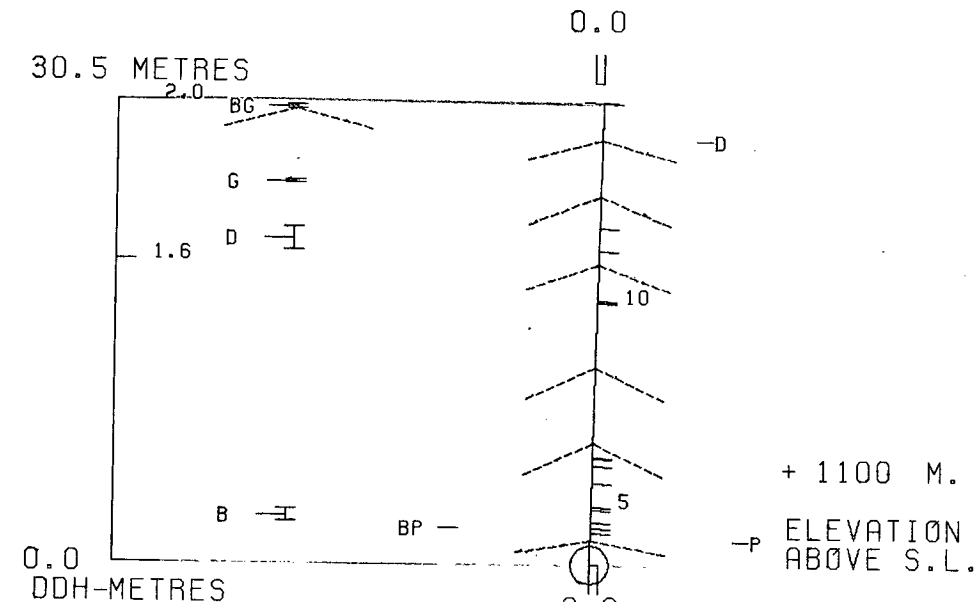
Lithologic Log

Code	From	To	Recov.	No.	Unit	Description
L	10 14 16 20 22 24 26 28 30 34 35			1	4AH13	appears to be in place, broken very bad recvy 1/2 m 0-2.4m good exhalative 4A4 w massive py & sph. rich bands
L	21	24		2	4C0	[4L214] mangled. .3m recvy
L	24	28		3	5D4*	(4C0) 90:10 H tan with typical 5D4* texture - minor Fuch minor 4C thinly interbanded low tot 5 ⁼ /sphal gal & py av 3cm thick
L	28	36		4	4CP	badly broken due splitting, no gouge. (4L0, 0P*) [4L214] massive 5 ⁼ bands are present
L	38	38		5	5D4*	
L	38	54		6	4CP	as unit 4
L	54	65		7	4AD	low 5 ⁼ tot py >> sphal gal - typical textures well banded - lower 1/2 of unit approaches 4C5 ⁼ due to lighter color still banded though
L	65	70		8	5C4*	2cm 4C0 below 5C
L	70	71		9	4C0	as above
L	71	173		10	4A0	±3 ±* mainly good 4A texture has mass 5 ⁼ bands with well developed gte/5 ⁼ & gte/9grah bands. 15.5-16.1 light colored subunit * = dolo in gte 5 ⁼ bands sporadically distrib through unit - split but probably originally intact - no gouge.
L	173	174		11	5C4*	strongly "Fuchitic" * = dolo. 1-5cm blacked margin in 5 ⁼ facies
L	174	207		12	4AD	±3 ±4 good exhalative textures typical 4A
L	207	222		13	4A3,4	entirely micobtted w/ white to offwhite vein? gte frags - bxn has not completely dest, opd 5 ⁼ species layering.
L	222	305		14	5A3	±*(5B62*dolo) (22.2-24.5) gouge @ 25.1-25.3 IND

gouge & Broken Core 30-30.3 U=IND L=11S₂ C.A.M.C. 1981 - E-3

30.5 = E04

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 19 FEB 1985 11:28 AM



DDH: FAGU180 -- 42 DEGREE PROFILE

(VIEW AZIMUTH = 312 DEGREES)

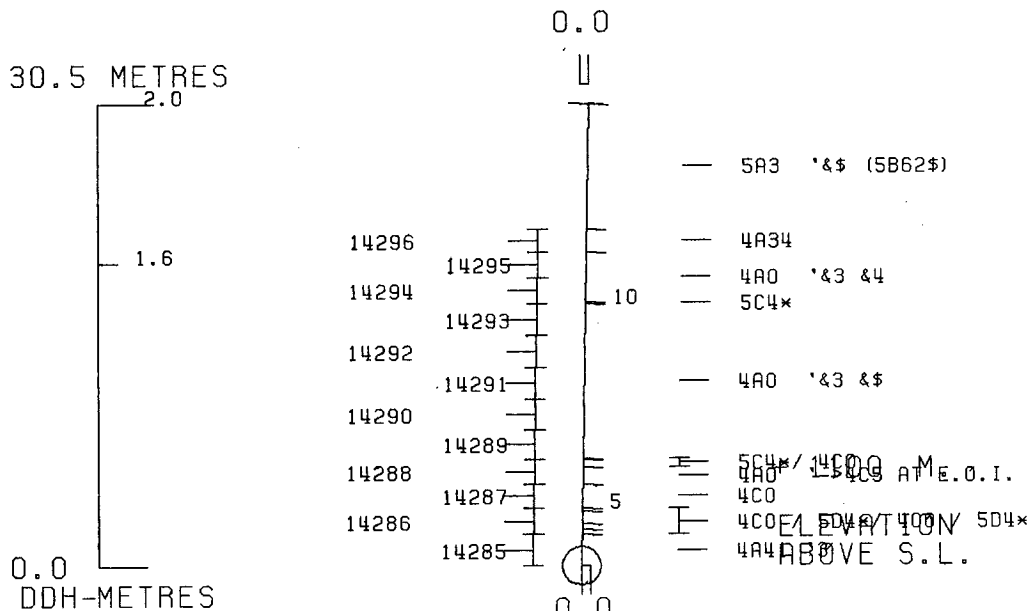
ELEV:1093 592100E ; 905223N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 531.8 Z = 1093.5

SECTION NAME: 84W

CYPRUS ANVIL MINING CORPORATION
 PROGRAM DH162 19 FEB 1985 12:59 PM



DDH: FAGU180 -- 42 DEGREE PROFILE

(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1093 592100E ; 905223N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 531.8 Z = 1093.5

SECTION NAME: 84W

FAGU 182

DRILL HOLE : FAGU182
NORTHING : 905,181.6
EASTING : 592,068.5
ELEVATION : 1,088.2
TOTAL DEPTH : 153.6
SECTION : W 84
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS ORE-SAMPLES: 18
NOS DOWN-H-SURVEYS: 3
NOS DOWN-H-LITHOLOGY: 45
NOS DOWN-H-STRUCTURE: 21
NOS DOWN-H-FAULTS: 16
NOS DOWN-H-SPLINES: 3
NOS COMPOSITES: 0

17OCT83 GRUM

DOWN-HOLE SURVEYS (DH020)

PAGE: 31

DDH: FAGU182 UTM-N: 905,181.6 UTM-E: 592,068.5 UTM-ELEV: 1,088.2 TOTAL DEPTH: 153.6 SECTION: W 84
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
88.100	172.000	203.000
149.100	171.000	223.000

DDH: FAGU182 UTM-N: 905,181.6 UTM-E: 592,068.5 UTM-ELEV: 1,088.2 TOTAL DEPTH: 153.6 SECTION: W 84
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
2.4	0001	4A0		0.5-	1
3.3	0002	4C0		0.5-	1
3.6	0003	5D4*		0.5-	1
5.4	0004	4C0	->4C5	0.5-	1
5.7	0005	5D4*	9	0.5-	1
6.2	0006	4C0	->4B0	0.5-	1
6.5	0007	4D5		0.5-	1
8.6	0008	4A00	->(5A19)->(3G96)	0.5-	1
10.7	0009	4A34		0.5-	1
15.4	0010	3G0	84 (10Q0) 90:10	0.5-	1
20.5	0011	4A0		0.5-	1
22.5	0012	4A0	83 ->4C583	0.5-	1
25.0	0013	4C0	W.R.->4C5 W.R.->4L08182&4	0.5-	1
26.2	0014	3G1	89 86 ->4C5 AT T.O.I.	0.5-	1
36.5	0015	3G0	89 SPECK (10Q*) 90:10 (5D4*)TR	0.5-	1
51.8	0016	3G0	(3B3)(3G8)(10Q08*)(3B4*)	0.5-	1
53.5	0017	4A1	83 84	0.5-	1
54.2	0018	4C0	(5D4*) MINOR	0.5-	1
54.8	0019	4A0		0.5-	1
55.1	0020	0Q*	(4C5)	0.5-	1
56.2	0021	4G4	83 MINOR	0.5-	1
56.7	0022	4L12	4G (3B*)(10Q*)	0.5-	1
57.4	0023	5B26\$	(5A\$)	0.5-	1
61.2	0024	4G4	(4E46)	0.5-	1
62.0	0025	5C\$		0.5-	1
65.1	0026	4G4	(4E46) 50:50	0.5-	1
68.9	0027	4E46	(4E4)(5C4*)(10Q08\$) BXA FRAGS	0.5-	1
69.6	0028	4E44	[4F4]	0.5-	1
70.2	0029	4G4	BXA	0.5-	1
70.8	0030	4E44	BXA	0.5-	1
73.4	0031	5A\$	(5B62\$)(4A0\$MINOR)(10Q0) 20%	0.5-	1
74.7	0032	5D4*	(5F*)(5A68189) 45:50:5	0.5-	1
73.1	0033	5A6	8\$(5D6,5D4*)(10Q\$) 78:17:05	0.5-	1
84.1	0034	5B62		0.5-	1
86.4	0035	5D0	(5D6)(10Q*)(5B62)	0.5-	1
77.7	0036	5B0	(10Q#)	0.5-	1
102.7	0037	5D0	(5880) 70:30	0.5-	1
106.5	0038	5B20	(5D0)(10Q#) 77:20:3	0.5-	1
131.5	0039	5B0	82 (10Q#)	0.5-	1
134.2	0040	5B62	38 (10Q08\$)	0.5-	1
135.0	0041	5B20	->5B80 BIO	0.5-	1
139.7	0042	5B6	88 32 V. MINOR	0.5-	1
142.6	0043	4L6	[5B648] MINOR 7 (10Q*)	0.5-	1
143.8	0044	4G4	(4H4) MINOR INTRUSIVE?	0.5-	1
153.6	0045	5B6	82 (5D4*)(10Q*) TR.	0.5-	1

DDH: FAGU182 UTM-N: 905,181.6 UTM-E: 592,068.5 UTM-ELEV: 1,088.2 TOTAL DEPTH: 153.6 SECTION: W 84
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	DIRECT	S1 ANGLE	DIRECT	S2 ANGLE	DIRECT	RFE	CDE	DHDC	SDC	PROCESS
FAGU182	0.0	5.8	CS2		0	0	0	0	70	230	0		1	1	1
FAGU182	0.0	23.0	CS2		0	0	0	0	75	230	0		1	1	1
FAGU182	0.0	28.6	CS2		0	0	0	0	58	230	0		1	1	1
FAGU182	0.0	33.0	CS2		0	0	0	0	60	230	0		1	1	1
FAGU182	0.0	39.0	CS2		0	0	0	0	69	230	0		1	1	1
FAGU182	0.0	46.0	CS2		0	0	0	0	80	230	0		1	1	1
FAGU182	0.0	58.4	CS2		0	0	0	0	60	230	0		1	1	1
FAGU182	0.0	65.0	PS2	P	0	0	0	0	70	230	0		1	1	1
FAGU182	0.0	69.2	PS2	P	0	0	0	0	65	230	0		1	1	1
FAGU182	0.0	71.8	CS2		0	0	0	0	60	230	0		1	1	1
FAGU182	0.0	80.0	PS2	P	0	0	0	0	72	230	0		1	1	1
FAGU182	0.0	37.2	CS2		0	0	0	0	65	230	0		1	1	1
FAGU182	0.0	95.5	CS2		0	0	0	0	65	230	0		1	1	1
FAGU182	0.0	103.5	CS2		0	0	0	0	80	230	0		1	1	1
FAGU182	0.0	109.7	PS2	P	0	0	0	0	78	230	0		1	1	1
FAGU182	0.0	119.6	CS2	D	0	0	0	0	72	230	0		1	1	1
FAGU182	0.0	125.5	CS2		0	0	0	0	70	230	0		1	1	1
FAGU182	0.0	133.6	PS2	P	0	0	0	0	75	230	0		1	1	1
FAGU182	0.0	139.5	CS2		0	0	0	0	80	230	0		1	1	1
FAGU182	0.0	148.0	CS2		0	0	0	0	65	230	0		1	1	1
FAGU182	0.0	153.3	CS2		0	0	0	0	65	230	0		1	1	1

DDH: FAGU182 UTM-N: 905,181.6 UTM-E: 592,068.5 UTM-ELEV: 1,038.2 TOTAL DEPTH: 153.6 SECTION: W 84
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	REC	CD	PARLL	UPPER PLANE	INTERNAL PLANE	LOWER PLANE	DHD
FAGU182	0.0	2.4	RP	1			0	0	0	1
FAGU182	0.0	8.6	G				0	0	0	1
FAGU182	10.7	15.4	BR	5			0	0	0	1
FAGU182	15.4	20.5	RGF				0	0	0	1
FAGU182	20.5	23.4	RGP				0	0	0	1
FAGU182	0.0	36.0	23G				0	99	999	1
FAGU182	50.3	51.8	NM?				0	0	0	1
FAGU182	51.3	53.5	BR				0	0	0	1
FAGU182	59.0	59.4	SF?				0	0	0	1
FAGU182	69.6	70.8	D				0	0	0	1
FAGU182	97.5	98.3	C				0	0	0	1
FAGU182	0.0	138.4	F				0	40	180	1
FAGU182	0.0	138.7	1G				0	99	999	1
FAGU182	0.0	139.7	S?				0	0	0	1
FAGU182	0.0	142.6	S?X				0	0	0	1
FAGU182	0.0	149.0	G				0	0	0	1

17OCT83 GRUM

DOWN-HOLE SPLINES (DH020)

PAGE: 35

DDH: FAGU132 UTM-N: 905,181.6 UTM-E: 592,068.5 UTM-ELEV: 1,088.2 TOTAL DEPTH: 153.6 SECTION: W 84
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH SEGMENT NOS COND INDICATOR

FAGU132	1	2
FAGU132	2	2
FAGU132	3	1

84 W.

CYPRUS ANVIL MINING CORPORATION

Page 1 of 9

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: FAGU 182

Reference Fabric Orientation Diagram:

Project: GRUM RELOG

Location: 84 W

Claim: _____

Terr. Plane Co-ords.: 905181.6 N

change of basis of K-A survey co-ords

592068.5 E

Grid Co-ords: _____

All symmetry determinations looking

K-A elev 10.61m

Elevation: 1088.2

NW with 5 dipping

Total Depth: 153.6

SW with dip azimuth 225.

Purpose: _____

Reason hole Terminated: _____

Logged by: _____

Date(s) Logged: _____

Drilling Contractor: _____

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

Hole Cemented: _____

Steel down hole: _____

Started: _____ Completed: _____

Lithologic Log

Date: 19 Aug 82 Logged By: GAJ/DST

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	00	24		1	4A0	rubble may be cave ??; 0.3m recd.
L	24	33		2	4C0	$S_T = 20\%$ py 2 x BM sulfs; bandal cogregated, good exhal.
L	33	39		3	5D4*	
L	36	54		4	4C0	→ 4C5 locally; greenish cream to lt. gy to lt. med. gy folia; less sil. than #2; $S_T = 15\%$ py 3 x BM sulfs; intact
L	54	57		5	5D11*	9 as py in 5. flattened lenses
L	57	62		6	4C0	$S_T = 5\%$ → 4B0 w/ lt. gy. folia & good phyll. partings; 5.0m inch exhalite
L	62	65		7	4D51	$S_T = 20\%$ ZnS 2 x py
L	65	86		8	4A0	loamy (5A19, 3G96); all units intergrade w/ random dust ⁿ ; blk. & splat; 5cm. gauge EOI
L	86	107		9	4A34	$S_T = 40\%$; good exhal. textures, banding sulf. segregation etc. ZnS ≈ py; intact rubble EOI no gauge
L	107	154		10	3G10	±4 (000) = 10%; blk. & rubble; 2m recd. 10.7-12.2 = 1m 12.2-13.7 = .2m 13.7-15.2 = .4m; part of signif fault
L	154	205		11	4A0	rubble & gauge; entire unit shrd or gauged; 15.4-18.1 = gauge, rubble & grnd core, 16.8-17.3 grnd core - mislatch? 15.4-16.8 = < 0.1m recy; 17.3-20.5 recy OK - major fault 10.7-20.5m. 19.5-20.5 rubble & gauge
L	205	225		12	4A0	±3 → 4C5 ±3; m. gy → dk m. gray w/ good 4A text.; incip gauged, terrible recy; 21-22.5 rubble & blk. core
L	225	250		13	4C0	"weasel v.k" → 4C5 "weasel v.k" → 4D0 ±2 ±4 (00*) ; can't tell whether exhalative or wall v.k. alt ⁿ ; $S_T = 15\%$ w/ sulfs dec. ↓ to ≈ 5%; rubble 22.5-23.4 w/ core loss ≈ 0.4m, rmdn. intact below 23.4
L	250	262		14	3G11	±9 ±6 6 = ZnS → 4C5 @ TOI $S_T = 23-5\%$ ZnS dom; silicious w/ good lith struct

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	262	365		15	3G1A	looked more like wallbk alt ⁿ ; contact w/ above 4C thru short 4L interval ±9± speckled (OQ*) = 10% as 1-15 cm. S ₂ folia-form masses & D ₂ folial isoclinal minor SD4*; spkled ends @ 35.2 good lt/dk. lam. 11S, & S ₂ & text. indent to 3G1±9±6 above but no swells. — clear gradation to #14; m. bkn. S ₂ 11 gauge 36.0 = 3cm. otherwise intact
L	345	518		14	3G1C	(3B3, 3G8, OQO+*, 3B4*); OQO = 5% mainly above 44.7 S ₂ 11 minor ZnS, chor. margins & inclusions; from 42.7-44.7 phylls. are greenish ⇒ 3G8 w/ abnormal gtz veining suggesting reaction relationships prod. chloritic "wallbk"; 3B @: 37.4-37.5 39.3-39.8, 40.5-42.7, 48.7-48.8, 49.2-49.4 49.8-50.0, 50.1-50.3; 3G8 47.5-48.5; rmdn. = 3G0 slightly carb.; 50.3-51.8 recy entirely 5C* probable muscovite; gen. intact, no gauge, var. alt ^d . pelites + metabasites c.f. below "dogmatic"
L	518	535		17	4A11	±3±4 bxcia; good 4A textures, bkn. iffge prob 0.8m recd. w/ last 1/2 subtle
L	535	542		18	4C1A	greenish cream → lt. gy folia w/ gtz-py layers; reas. exhal. texts, minor SD4*
L	542	548		19	4A1A	w/ graph. partings; S _T = 15% py 4-5X ZnS, normal exhal. texts.
L	548	551		20	OQO*	(4C5)
L	551	562		21	4G41	±* minor dol; normal all respects
L	562	567		22	4L12	4L (3B*, OQ*) ; grungy alt ^d , too large for a dogs asshole but close; inter leaved alt ^d seds & metabasites
L	567	594		23	5B2C	* dol (5A*dol); db gy → blk S ₂ 11 striping w/ lt. gtz-dol. bands; trans ⇒ 5A* v. minor py + ZnS poss. replacing ssf. units

✓KA
✓KA

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
						@ 59.0-59.4 shallow to mod dipping shears 20-30° to c.a. cut S ₂ - poss. prograde fault sub N52 more brittle than ductile S ₁ forms contact w/ underlying sulfs - Bankruptcy Break?
L	59.4	61.2		24	4G4	(4E4G) ; 4G4 mainly above 60.7, 4E4G below ; norm. all respects
L	61.2	62.0		25	5C4*	dol w/ extreme "fuchsite" devel.
L	62.0	65.1		26	4G4	(4E4G) as #24 ; 50:50 randomly dest ^b on .2-.4 m scale ; no bria normal, well banded
L	65.1	68.9		27	4E4G	(4E4, 5C4*, OQO as #d) OQO & 5C as "floaters" in mass. -> ably banded un-banded sulfs i.e. extreme μ_1/μ_2 contrast??
L	68.9	69.6		28	4E4	v. hi-grade microbuckshot,
L	69.6	70.2		29	4G4	normal w/ subtle sulf in sulf bria
L	70.2	70.8		30	4E4	microbria to sulf in sulf macrobria intact ; ckl bria EOI
L	70.8	73.4		31	5A1*	(5B62*, 4A0* dol minor, OQO) ; OQO = 20% of unit as single S ₂ foliaform pod. 70.4-73.0 ; 4A0* = 71.6-71.9 => 5A19 for purists ; intact
L	73.4	74.7		32	5D4*	(5F*, 5A6 #1±9) 45:50:5 ; both 5D & 5F lam but 5F shows color graded bedding
L	74.7	78.1		33	5A1*	±* (5D6, 5D4* lam, OQ* dol minor) ; 20% 5D 5% OQ* as 1-8cm S ₂ bodies ; 5D 75.2-75.6, 77.3-77.5, 77.6-77.7 ; intact ; grad. lwr cut.
L	78.1	84.1		34	5B62	prom. "striped" w/ dk. gray S ₂ folia w/ non-OQ ₂ g ₂ sst. lamis ; intact
L	84.1	86.4		35	5D6	(5D6, OQ*, 5B62)
L	86.4	99.7		36	5B0	±2 (OQ* cal) OQ* 85.3-94.9 S ₂ foliaform sand 97.5-98.3 - prob. dulling cave, no

→ read 1 way

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
						gauge or r.t. frags - definite drilling sand as core blks => no missing core
L	997	1027		37	5DQ	(5880); 70:30 all normal; intact
L	1027	1065		38	5B20	(500, 00* cal) 80:20; 5DQ 105.1-105.3 106.2-106.5; 00*-3% 1-8 cm S ₂ foliaform
L	1065	1315		39	5BQ	±2 (00* cal) 00* = 126.8-128.7 in 15 cm thick S ₂ foliaform masses & 1 rootless isoclinal dk gy S ₂ folia, minor chert nodules & lt gray gty-carbonate S ₁ /S ₂ lam
L	1315	1342		40	5BQ2	±8 (000 ± * dd); nor calc phyll w/ dk. gy S ₂ folia w/ interbedded m. greenish gray chlor-rich 10-20 cm. thick zones assoc. w/ 000 ± * prob. rep alt ⁿ from 00* i.e. "chlor. seludge" as this vol SDQ; 000 0.5-20cm thick w/ chlor incls
L	1342	1350		41	5B210	=> 5880 bio, low Y ₃ = 5880 bio w/ grad "greening" of unit dr hole; intact & boring
L	1350	1397		42	5B16	±8 ± 2 v.v. minor; 2 = TOI & EOI; unit c.f. #40 w/ minor chloritization adj. 000 pads; intact; minor incip S ₂ gouge = 2 cm @ 138.7; " steep fault cutting S ₂ @ 138.4 @ 40°/180°
L	1397	1426		43	44K	[58648] minor po <<< 1%; intact (00*) @ EOI as S ₂ foliaform 2-40cm thick masses; base & top might be sprd base = sulf bria w/ 00* frags w/ knife-edge contact cutting S ₂
L	1426	1438		44	4G4	w/ 2" 444 and TOI as matrix to above sulf/00* bria; normal 4G4, well banded, no internal briaion sm. 00* + Pbs bria EOI; absence of other liths (4) & bria, may => 4G4 ductile "intrusion" w/ abnormally strong banding = flow fol ⁿ ; this could be dog's bit

Code	From				To				Recov.				No.				Unit	Description			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16			17	18	19
	10	14	16	20	22	24	26	28	30	34	35										
																					S ₂ v. w.ibly devel ^d 0.7 m. uphole & may relate to ductile flow ???; last 9cm = 4LG as #40 so 4LG "hole" — ass hole — around 464
L	1438		1536									45				5B4					±2 (5D4*, 0Q*) 5D4* minor @ 153.4 - EOI; 0Q* < 1% ; m. banded w/ dk. gy S ₂ folia ; top 30 cm. ⇒ 5A19 remainder of unit ⇒ 5B6 (m. gray); intact indeter gauge? @ 149
																					EOH

DDH FAGUIS 2
2 8

Cyprus Anvil Mining Corp.

Page 8 of 9

Structural Log

Date: 19 Aug 82 Logged By: GAT

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				58	CS ₂						70	225	
S				1230	CS ₂						75		⇒ RS ₂
S				286	CS ₂						58		
S				330	CS ₂						40		
S				390	CS ₂						69		
S				460	CS ₂						80		
S				584	CS ₂						60		
S				656	INDP						70		or RS ₁
S				692	INDP						65		" "
S				718	CS ₂						60		⇒ RS ₂
S				800	INDP						72		
S				872	CS ₂						65		⇒ RS ₂
S				955	CS ₂						65		" "
S				1035	CS ₂						80		" "
S				1097	INDP						78		
S				1196	INDD						72		CS ₂
S				1255	CS ₂						70		⇒ RS ₂
S				1336	INDP						75		
S				1395	CS ₂						80		⇒ RS ₂
S				1480	CS ₂						65		" "
S				1533	CS ₂						65	225	

ASSAY LOG (SAMPLER'S COPY) Date 19 Aug 82 Sampled by _____

CODE	FROM		TO		SAMPLE	INTR.				REC (m)	UNIT	DESCRIPTION
	10	14	16	20		22	26	28	30			
P		100		133	14401			133		113	4A0	(400)
P		133		154	14402			121		115	4C0	(501*)
P		154		165	14403			111		111	4D5	(400, 501*9)
P		165		186	14404			121		128	4A0	(5A19, 3G9C)
P		186		1107	14405			121		112	4A34	
P		1154		1205	14406			151		121	4A0	rec's so poor unit lumped
P		1205		1225	14407			120		108	4A0	±3 ⇒ 405 ±3
P		1225		1250	14408			125		115	4C0	"Weasel Rock"
P		1518		1535	14409			117		114	4A1	±3 ±4
P		1535		1551	14410			116		116	4C0	(4A0, 00*)
P		1551		1562	14411			111		111	4G4	±* minor dol.
P		1594		1612	14412			118		117	4G4	
P		1620		1636	14413			116		116	4G4	(4E46)
P		1636		1651	14414			115		115	4G4	(4E46)
P		1651		1669	14415			118		118	4E46	(4E4, 5C4*, 000 ± dol.)
P		1669		1689	14416			120		120	4E46	(" " ")
P		1689		1708	14417			119		119	4E44	(4G4)
P		14126		14138	14418			112		112	4G4	

DDH FAGU182
 2 8

Cyprus Anvil Mining Corp.

Page _____ of _____

Structural Log

Date: _____ Logged By: _____

Code	From		To		Feature	SYM	S ₀		S ₁		S ₂		Description
	10	14	16	20			Dip	Direct.	Dip	Direct.	Dip	Direct.	
1	2	4	6	8	10	12	14	16	18	20	22	24	
		00		24	RP	1							
				86	S								
		107		154	BR	S							
		154		205	RGP								
		205		234	RGP								
				360	2BG				1152				
		503		518	NM?								
		518		535	BR								
		590		594	SF?								
		696		708	D								
		975		983	C								
				1387	IS				1162				
				1384	F				40	180			
				1397	S?								
				1426	S?X								
				1490	S								

DDH: FAGU182 -- 42 DEGREE PROFILE

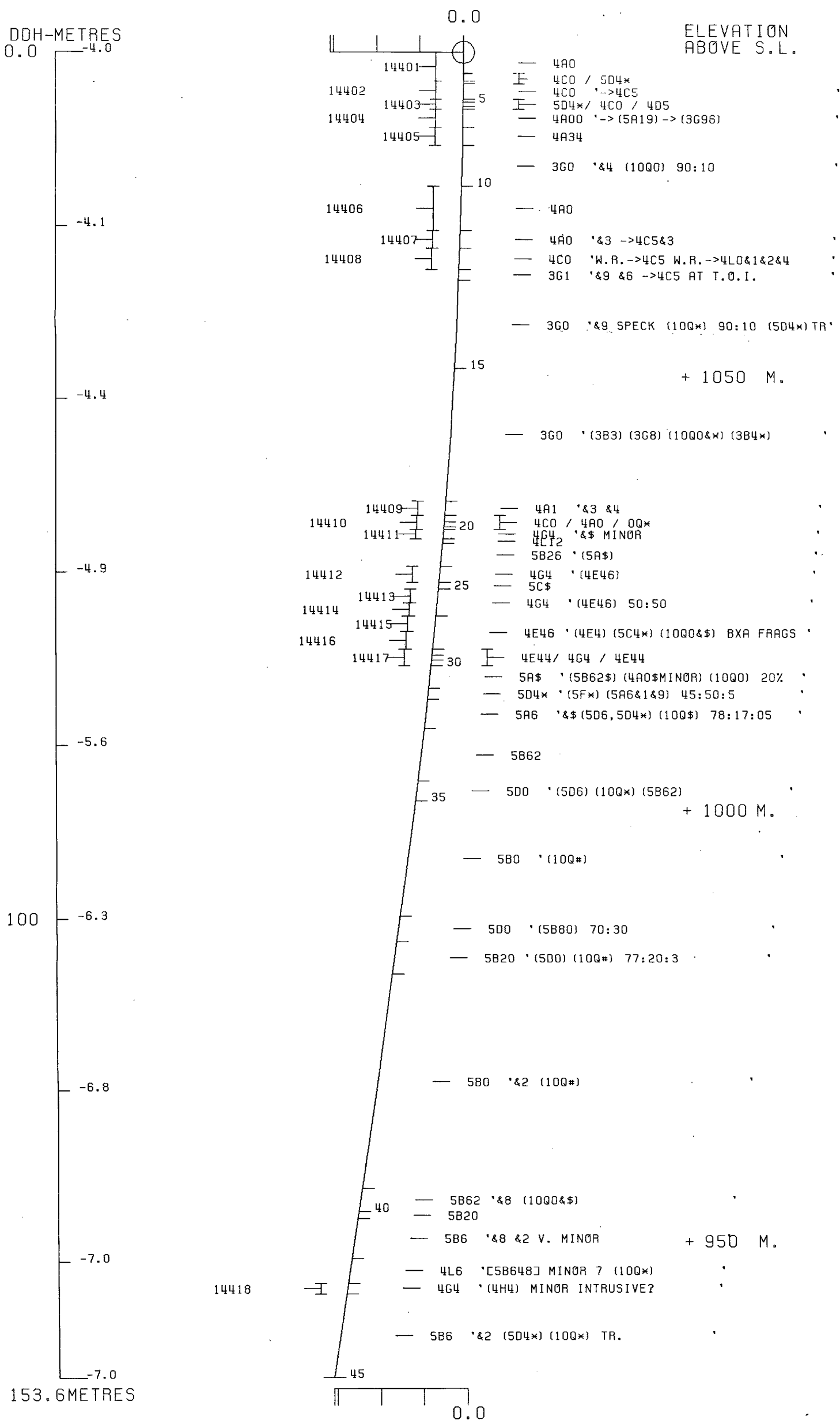
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1088 592069E ; 905182N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 480.4 Z = 1087.4

SECTION NAME: 84W



DDH: FAGU182 -- 42 DEGREE PROFILE

(VIEW AZIMUTH = 312 DEGREES)

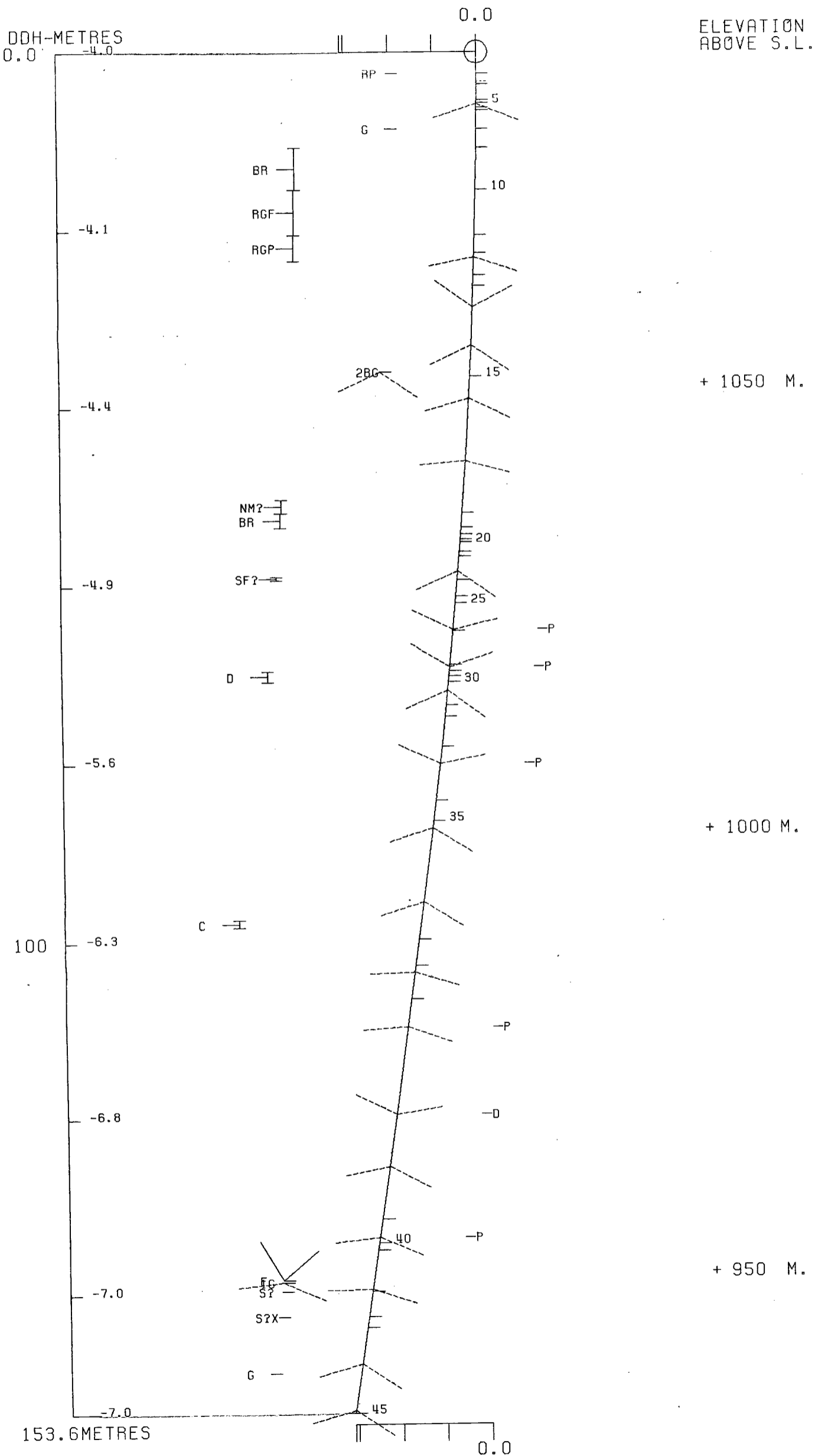
ELEV: 1088 592069E ; 905182N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 480.4 Z = 1087.4

SECTION NAME: 84W

ELEVATION
ABOVE S.L.



FAQU 184

DRILL HOLE : FAGU184
NORTHING : 905,178.7
EASTING : 592,066.1
ELEVATION : 1,088.2
TOTAL DEPTH : 167.5
SECTION : W 84
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS CRE-SAMPLES: 48
NOS DOWN-H-SURVEYS: 3
NOS DOWN-H-LITHOLOGY: 80
NOS DOWN-H-STRUCTURE: 29
NOS DOWN-H-FAULTS: 18
NOS DOWN-H-SPLINES: 3
NOS COMPOSITES: 0

DDH: FAGU184 UTM-N: 905,173.7 UTM-E: 592,066.1 UTM-ELEV: 1,088.2 TOTAL DEPTH: 167.5 SECTION: W 84
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

---DEPTHS---		SAMPLE NO.	INT.	REC.	ROCK UNIT	S.G. PULP	CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	-----ASSAYS-----				BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
FROM	TO											PO %	PY %	TOT FE							
132.7	134.0	14394	1.3	1.3	4A0		.26	.10	.20	10.00											
134.0	136.6	14395	2.6	2.6	4C7		.17	.69	1.04	17.00											
136.6	137.7	14396	1.1	1.1	4EG8	4.58	.16	4.06	5.40	56.99	.81	2	23	25							
137.7	140.0	14397	2.3	2.3	4C0		.20	.41	.71	13.00											
140.0	141.8	14398	1.8	1.8	4GE4	4.25	.19	4.34	5.70	58.99	.75	2	18	20							
141.8	143.5	14399	1.7	1.7	4GE4	4.63	.29	5.70	7.29	82.00	1.37		19	20							
143.5	146.5	14400	3.0	3.0	4A0	3.12	.02	.97	1.66	20.00	.27	3	8	11							

WEIGHTED AVERAGE

.0	2.7		2.7	.7			.08	.78	1.44	17.00											
3.2	5.0		1.8	1.8			.14	.57	1.71	13.00											
5.8	13.8		3.0	8.0		.79	.08	1.36	2.56	24.99	.11		1	1							
23.2	24.7		1.5	.9			.07	2.52	4.38	39.00											
26.3	49.0		22.7	21.0		.39	.05	.76	1.30	14.76	.06										
50.5	59.2		8.7	7.8		3.07	.10	4.35	7.62	71.51	.86	2	9	12							
64.3	67.8		3.5	3.4		4.28	.08	9.04	15.31	136.17	1.08	1	18	20							
68.6	70.9		2.3	1.5		3.60	.08	7.09	9.80	104.00	1.37	4	10	14							
78.0	100.6		2.6	2.6		3.14	.11	1.66	2.44	28.99	1.58	6	5	12							
107.8	119.3		11.5	11.2			.87	1.14	1.62	20.58	.19	1	4	5							
122.4	146.5		24.1	23.9		1.86	.17	1.47	1.99	25.79	.35	1	8	9							

17OCT83 GRUM

DOWN-HOLE SURVEYS (DH020)

PAGE: 39

DDH: FAGU184 UTM-N: 905,178.7 UTM-E: 592,066.1 UTM-ELEV: 1,088.2 TOTAL DEPTH: 167.5 SECTION: W 84
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	145.000	224.000
103.600	152.000	209.000
164.600	161.000	200.000

DDH: FAGU134 UTM-N: 905,178.7 UTM-E: 592,066.1 UTM-ELEV: 1,088.2 TOTAL DEPTH: 167.5 SECTION: W 84
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
2.7	0001	4A0		0.5-	1
3.2	0002	5D4*		0.5-	1
3.8	0003	4C5	->4A30	0.5-	1
5.0	0004	4C0		0.5-	1
5.8	0005	5D4*		0.5-	1
11.2	0006	4C0	->4C5(5D4*)BOTTOM 1/2="W.R."?	0.5-	1
11.6	0007	5D4*	(4D0) 90:10	0.5-	1
12.4	0008	4C0	(5D4*) MINOR	0.5-	1
13.5	0009	4A4		0.5-	1
13.8	0010	4C0		0.5-	1
23.2	0011	5C4*	(5C*)(4D4)(4D0)(10Q*)5C/4D=7/3	0.5-	1
24.7	0012	4A4	(4C0)AT T.O.I.& E.O.I.	0.5-	1
26.3	0013	5C\$	(10Q\$) 95:5	0.5-	1
27.9	0014	4C0		0.5-	1
29.3	0015	4A0	(5C4*) MINOR	0.5-	1
32.6	0016	4C5		0.5-	1
35.8	0017	4C0	(5D4*9)	0.5-	1
37.6	0018	4A0	->4C5	0.5-	1
42.7	0019	4C0	(5C4*) 4L ON 4A	0.5-	1
49.0	0020	4C5	->4A0(5C4*)(4C0)	0.5-	1
50.5	0021	5C*	(10Q*9)(4C0)	0.5-	1
51.8	0022	4C0	->4C5 DOWN	0.5-	1
57.9	0023	4A4		0.5-	1
59.2	0024	4E4	BXA	0.5-	1
63.6	0025	5B62	\$->5A6	0.5-	1
63.9	0026	5D4*		0.5-	1
64.3	0027	5B62	\$	0.5-	1
67.8	0028	4E44	\$\$\$# MINOR (5C4*)(4L->5D4*)	0.5-	1
68.6	0029	5B26	\$ [5A\$]	0.5-	1
70.2	0030	5A19	(4D0)?	0.5-	1
70.9	0031	4E4	(5C4*) MINOR	0.5-	1
76.8	0032	5B62	\$ (5A\$)	0.5-	1
77.3	0033	5D\$		0.5-	1
78.6	0034	5B62	\$\$	0.5-	1
82.2	0035	536	82	0.5-	1
85.5	0036	5386	80 & \$ MINOR	0.5-	1
87.0	0037	5B0	88	0.5-	1
97.0	0038	5D0	(5B80)(5D40) G.E.H.	0.5-	1
98.0	0039	5320	\$	0.5-	1
100.6	0040	4A4	(4L27)(4C0\$5)(4L2->5D*)	0.5-	1
107.8	0041	530	88 (10Q#)	0.5-	1
108.8	0042	4A7	(5D69)(4D0)(5D4*)(10Q*)	0.5-	1
109.0	0043	5D4*		0.5-	1
109.3	0044	4E68	4	0.5-	1
110.3	0045	4C5	->4C53	0.5-	1
110.7	0046	5D4*		0.5-	1
111.9	0047	4C57	9 ->4C5793	0.5-	1
112.3	0048	4E68	0	0.5-	1
112.6	0049	4D58	3	0.5-	1
112.7	0050	4E80	31	0.5-	1
112.9	0051	4G4		0.5-	1

DDH: FAGU184 UTM-N: 905,178.7 UTM-E: 592,066.1 UTM-ELEV: 1,088.2 TOTAL DEPTH: 167.5 SECTION: W 84
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
113.1	0052	400.		0.5-	1
113.4	0053	4G4	(4E8)	0.5-	1
114.5	0054	4C5	87 89	0.5-	1
117.1	0055	4A1	(4C5)(5D4*)	0.5-	1
117.4	0056	4C5	(5D4*)	0.5-	1
117.6	0057	4A0		0.5-	1
118.2	0058	4C5	87 89	0.5-	1
118.4	0059	4D48		0.5-	1
118.5	0060	4A0	[5A19]	0.5-	1
118.7	0061	4D4	(5D4*)	0.5-	1
119.3	0062	4A0	(4D5)(5D4*)	0.5-	1
120.7	0063	5C*	84 (5D*)	0.5-	1
122.4	0064	5D69	(4D0)(4L24)(4A0) 65:10:20:5	0.5-	1
123.2	0065	4E48	(4E4*)	0.5-	1
128.2	0066	4C58	87 89 (4D088)(4G4#)	0.5-	1
130.7	0067	4A0	83 87 8* MINOR	0.5-	1
131.8	0068	4C0	(5D4*) 50:50	0.5-	1
134.0	0069	4A0	87 89	0.5-	1
136.6	0070	4C7	89	0.5-	1
136.8	0071	4E81		0.5-	1
137.5	0072	4G4	(4E46)	0.5-	1
137.7	0073	4E81		0.5-	1
138.8	0074	4C0	89 87	0.5-	1
140.0	0075	4C5	->4A0 (5D4*)	0.5-	1
143.5	0076	4G4	(4E46) 50:50	0.5-	1
143.9	0077	10Q\$	[4Q\$]	0.5-	1
144.2	0078	4E01		0.5-	1
146.5	0079	4A0	(5D4*80)	0.5-	1
167.6	0080	5B20	[5B0&2]	0.5-	1

DDH: FAGU184 UTM-N: 905,178.7 UTM-E: 592,066.1 UTM-ELEV: 1,088.2 TOTAL DEPTH: 167.5 SECTION: W 84
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0	ANGLE	DIRECT	S1	ANGLE	DIRECT	S2	ANGLE	DIRECT	RFE	CDE	DHOC	SOC	PROCESS
FAGU184	0.0	4.0	PS2	P	0	0	0	0	0	70	230	0	1	1	1	1	1	
FAGU184	0.0	12.1	CS2	D	0	0	0	0	0	60	230	0	1	1	1	1	1	
FAGU184	0.0	20.3	CS2	D	0	0	0	0	0	70	230	0	1	1	1	1	1	
FAGU184	0.0	25.7	CS2	D	0	0	0	0	0	58	230	0	1	1	1	1	1	
FAGU184	0.0	33.1	CS2		0	0	0	0	0	68	230	0	1	1	1	1	1	
FAGU184	0.0	39.0	CS2	D	0	0	0	0	0	75	230	0	1	1	1	1	1	
FAGU184	0.0	47.3	CS2		0	0	0	0	0	72	230	0	1	1	1	1	1	
FAGU184	0.0	53.0	CS2		0	0	0	0	0	80	230	0	1	1	1	1	1	
FAGU184	0.0	61.8	CS2	D	0	0	0	0	0	78	230	0	1	1	1	1	1	
FAGU184	0.0	72.9	CS2		0	0	0	0	0	35	230	0	1	1	1	1	1	
FAGU184	0.0	74.3	CS2		0	0	0	0	0	33	230	0	1	1	1	1	1	
FAGU184	0.0	82.5	CS2		0	0	0	0	0	52	230	0	1	1	1	1	1	
FAGU184	0.0	92.4	CS2		0	0	0	0	0	70	230	0	1	1	1	1	1	
FAGU184	0.0	101.0	CS2		0	0	0	0	0	70	230	0	1	1	1	1	1	
FAGU184	0.0	103.8	CS2		0	0	0	0	0	90	230	0	1	1	1	1	1	
FAGU184	0.0	108.2	PS2	P	0	0	0	0	0	70	230	0	1	1	1	1	1	
FAGU184	0.0	115.6	PS2	P	0	0	0	0	0	70	230	0	1	1	1	1	1	
FAGU184	0.0	116.9	PS2	P	0	0	0	0	0	60	230	0	1	1	1	1	1	
FAGU184	0.0	123.5	PS2	P	0	0	0	0	0	62	230	0	1	1	1	1	1	
FAGU184	0.0	127.8	CS2		0	0	0	0	0	60	230	0	1	1	1	1	1	
FAGU184	0.0	130.8	CS2		0	0	0	0	0	80	230	0	1	1	1	1	1	
FAGU184	0.0	136.3	PS2	P	0	0	0	0	0	72	230	0	1	1	1	1	1	
FAGU184	0.0	137.8	PS2	P	0	0	0	0	0	80	230	0	1	1	1	1	1	
FAGU184	0.0	140.5	PS2	P	0	0	0	0	0	40	230	0	1	1	1	1	1	
FAGU184	0.0	143.4	PS2	P	0	0	0	0	0	50	230	0	1	1	1	1	1	
FAGU184	0.0	147.7	CS2		0	0	0	0	0	65	230	0	1	1	1	1	1	
FAGU184	0.0	156.2	CS2		0	0	0	0	0	55	230	0	1	1	1	1	1	
FAGU184	0.0	160.4	CS2		0	0	0	0	0	65	230	0	1	1	1	1	1	
FAGU184	0.0	166.0	PS2	P	0	0	0	0	0	75	230	0	1	1	1	1	1	

DDH: FAGU184 UTM-N: 905,178.7 UTM-E: 592,066.1 UTM-ELEV: 1,088.2 TOTAL DEPTH: 167.5 SECTION: W 84
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	REC	CD	PARLL	UPPER PLANE	INTERNAL PLANE	LOWER PLANE	DHD		
FAGU184	0.0	2.7	R		3		0	0	0	0	1	
FAGU184	8.8	10.7	B				0	0	0	0	1	
FAGU184	10.7	11.2	G				99	999	0	0	1	
FAGU184	12.4	13.5	D				0	0	0	0	1	
FAGU184	50.5	51.8	BR		6		0	0	0	0	1	
FAGU184	57.9	59.2	DX				0	0	0	0	1	
FAGU184	62.1	62.2	G				0	0	99	999	0	1
FAGU184	63.5	63.6	G				0	0	99	999	0	1
FAGU184	63.9	64.1	BG				0	0	0	0	0	1
FAGU184	64.1	64.3	B				0	0	99	999	0	1
FAGU184	64.3	67.8	D				0	0	0	0	0	1
FAGU184	68.6	70.2	SRP				0	0	99	999	0	1
FAGU184	70.2	70.9	DS				0	0	0	0	0	1
FAGU184	82.2	82.7	SF				0	0	0	0	0	1
FAGU184	82.7	85.5	SXQ				0	0	0	0	0	1
FAGU184	87.0	97.0	3Q				0	0	0	0	0	1
FAGU184	0.0	117.4	R				0	0	0	0	0	1
FAGU184	140.0	143.5	1D				0	0	0	0	0	1

17OCT83 GRUM

DOWN-HOLE SPLINES (DHD20)

PAGE: 44

DDH: FAGU184 UTM-N: 905,173.7 UTM-E: 592,066.1 UTM-ELEV: 1,088.2 TOTAL DEPTH: 167.5 SECTION: W 84
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH SEGMENT NOS COND INDICATOR

FAGU184	1	2
FAGU184	2	2
FAGU184	3	1

84 W

CYPRUS ANVIL MINING CORPORATION

Page 1 of 11

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: FAG U 184

Reference Fabric Orientation Diagram:

Project: GRUM RELOG

Location: 84 W

Claim: _____

Terr. Plane Co-ords.: 905178.7 N

change of basis of K-A survey co-ords

592066.1 E

Grid Co-ords: _____

All symmetry determinations looking

K-A elev - 10.61m

Elevation: 1088.2

NW with 52 dipping

Total Depth: 167.6

SW with dip azimuth 225.

Purpose: _____

Reason hole Terminated: _____

Logged by: GAJ/DSJ.

Date(s) Logged: 18 Aug 82

Drilling Contractor: _____

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

Hole Cemented: _____

Steel down hole: _____

Started: _____ Completed: _____

Lithologic Log

Date: 15 Aug 82 Logged By: GAT/DSJ

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	10	14	27	1	4AA	rubble, usual start of hole w/ 0.8 m recy.
L	14	16	32	2	5D4*	fuchsite, locally green chla. orig. color
L	16	20	38	3	4C5	→ 4A30; folia to th. for 4A; good exhal. texture
L	20	22	50	4	4D0	cream colored folia; $S_T = 20\%$ py > ZnS 2:1; intact
L	22	24	58	5	5D4*	intact
L	24	26	112	6	4C9	→ 4C5 mainly latter; (5D4*); lt. gy → off white folia → m. gy folia; $S_T = 10\%$ w/ local well defined gty-sulf. bands @ top, more dis. & less banded @ base; py > ZnS, 5D4* 4.3-7.0 1-8 cm thick; 8.8-11.2 core bkn w/ gouge & bria 10.7-11.2, upper 11.5 lower intact but good recy despite above upper 1/2 = 4L overprinted 4A?? lower 1/2 = weasel r. / wall rock
L	26	28	116	7	5D4*	(4D0) v. minor as S ₂ foliaform band; minor sulfs w/ tuffs; 90:10
L	28	30	124	8	4C9	(5D4*) v. minor; white folia, 10 $S_T = 5\%$ w/ ZnS > py; almost 4B0; 5D4* = 1 cm fuch. tuff w. EOI.
L	30	32	135	9	4A4	microbanded; good exhal. textures w/ ZnS ≈ py $S_T ≈ 20\%$
L	32	34	138	10	4C9	as # 8
L	34	35	232	11	5C4*	(5C*, 4D4, 4D0) ^{00* = 3%} ; 70:30 5C:4D; good mottled 5C w/ common green chla. color; 4D as interbands; 17.7-18.0 = 4D0 cream colored, 20% S_T , exhal; 18.4-18.9 = 4D6 as previous, ZnS-rich $S_T = 15\%$ 19.7-19.9 = 4D0 in green tuff bands; 20.4-21.0 = 4D4 c.f. cream colored above, banded 20% S_T w/ microbria ZnS ≈ py; 21.5-21.7 = 4D0 $S_T = 10\%$ ZnS 2X py, well banded w/ svr. mass. sulf. lam. & cream gtyts; sulf. exhal. chert

Lithologic Log

Date: 18 Aug 82 Logged By: GAT/DSJ

Code	From	To	Recov.	No.	Unit	Description
1	10 14 16 20 22 24 26 28 30 34 35					4C in #10 is margin to this complex unit as is 4C in #12; see 5C text \Rightarrow meta sills w/ blacked exhalative gylite units no apparent fold repeats
L	23 2	24 7		12	4A4	(4C0) 4C0 as 0.2 m top & bottom both adj. 5C units; 4A4 to $S_T = 10\%$ ZnS \approx py, normal exhal. text., slightly light in color; not appar. Fr closure
L	24 7	26 3		13	5C*	dot. (00*) = 5% unit; see mottled text.
L	26 3	27 9		14	4D0	4. cream folia ext. microbracted where ZnS rich $S_T = 20\%$ ZnS \approx py; thinly banded exhal. bedded cherts \rightarrow dogslat
L	27 9	29 3		15	4A9	(5C4*) $S_T \approx 15\%$ py $>$ ZnS 4:1; mod. devel'd 4A texts; 5C4* = 10 cm. 28.7-28.8 no "blacked" margins in 4A; l. cut. grad. to underlying unit; gen. intact to bkn
L	29 3	32 4		16	4C5	m \rightarrow dk. gy. folia attenuated excell. 4A exhal. texture; looks like whly blacked 4A; py \gg BM sulfs; exhal.
L	32 4	35 8		17	4C0	(5D4*9); 4C cream col'd folia but text. ident to #16 & c.f. 4A w/ grad. contact upward into 4C5 re. "bleaching" (4L) of 4A \rightarrow 4C5 \rightarrow 4C0; $S_T = 10-15\%$ py \gg ZnS 4:1; diff. only from 4D above in ZnS cont \Rightarrow similar origin for 4D; 33.7-34.0 = 5D4*9 9 = py/minor ZnS 11S; poss. vein; 5D may be causing "4L" bleaching of 4A \rightarrow 4C5 \rightarrow 4C0 per observation of "blacked" 4C0 margins adj. 5C/4A units
L	35 8	37 6		18	4A0	\Rightarrow 4C5 c.f. #6 w/ even local 4C0 in spectrum 4A0 \Rightarrow 4C5 \Rightarrow 4C0; 15% S_T intact
L	37 6	42 7		19	4C0	(5C4*) as #17; cream color; good relief 4A text in some places called 4C214 i.e. 4L on 4A; minor 4C5 \Rightarrow 4C0; 5C4*:

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
						39.6-39.8 dol + fuch ; 40.3 = 3cm, 40.4-40.6 " " ; 40.9 = 3cm
						4C5 = 38.2-38.6 of 39.8-40.0 ; S _T = 10% -15% py >> ZnS but some ZnS rich bands good but for 4L overprint on 4A w/ 5C source of fluids?
L	42.7	49.0		20	4C5	⇒ (4A0)(5C4*)(4C0) complexly interbanded sequence of 5C of variably alt. rks of 4A affluents & textures ; 5DC4X: 44.7-44.8 = 5D4*, 45.2-45.3 = 5D4* lam ^d , 46.5-46.6 = 5C4* fuch. & carb ^d , 46.7-46.8 = 5D4* or thin 1-2 cm interbands in 4C ; 5D4* prob. tufts, unmineralized w/ wk bleaching w/ all 5DC units ; 4C0 = 46.2-46.9 4A0 = 48.3-48.7 & 48.8-49.0 ; lower cut sharp S ₂ un (backho) fuchite (CO ₂ * py X 4C0) ; 4C0 relict 4A texture @ 49.5-49.7 & 50.1-50.2 ; CO ₂ * = 5% ; backho lower cut., unbackho upper cut ⇒ flow
L	49.0	50.5		21	5C*	
L	50.5	51.8		22	4C0	⇒ ↓ 4C5 w/ good 4A textures ; py >> ZnS upper 1/2 4C0, lower 1/2 = 4C5 grading into underlying unit ; 0.5m core loss, blk & rubble
L	51.8	51.9		23	4A4	excellent text. in all respects ; intact
L	51.9	51.9		24	4E4	brn - ductile flow sulf. in sulf. re-created & healed as cracks/fault brn by gty-CO ₂
L	51.9	63.6		25	5B6.2	* ⇒ (5A6) w/ 5A6 interlayered ; strongly striped w/ dk. gray to blk. S ₂ folia & lt. gy gty-CO ₂ lam. ; gouge : 62.1-62.2 S ₂ ; 63.5-63.6 S ₂
L	63.6	63.9		26	5D4*	
L	63.9	64.3		27	5B6.2*	as #25 ; blk w/ S ₂ gouge top 1/3
L	64.3	67.8		28	4E4	* v. minor cal ^d ; (5C4* fuch. X 1/2 ⇒ 5D4*) extensively ductile flow created w/ "feathers" of numerous liths ; 5C4* = 66.0-66.5 67.1-67.3 ; top 1/2 may orig have been banded

Lithologic Log

Date: 18 Aug 82 Logged By: GAT/DST

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	678	684		29	5B26	*dol. [5A*]
L	686	702		30	5A19	(400)? ground calc & rubble w/ 0.3M recd over interval - mismatch? ; shrd 1/5
L	702	709		31	4E4	(504*) minor as clasts in duct. flow brya top ^{0.1m} is shrd looking 5D - fault vel'd. to above??
L	709	768		32	5B62	*(5A*); dol; borderline; strongly stuyed w/dk.gy → blk S ₂ "folia" of lt. gray gty- CO ₂ sst lithons; intact
L	768	773		33	5D*	dol; intact
L	773	786		34	5B162	±* minor dol upper 1/2; Hor gray than #32
L	786	822		35	5B61	±2 less carb. than 34 < 32; good stuyed appearance but no dol. in gty sst. lam.
L	822	855		36	5B86	±0 ±* dol minor; shrd. gray green calc. phylls. w/ CO ₂ affinities; incip gty- CO ₂ vein crackle brya; S ₂ steep over interval; upper contact shrd for 0.5 m - poss. pro-met ^m slip c.f. Make Believe
L	855	870		37	5B9	±8 intact
L	870	970		38	5D9	(5B80, 5D40) 5B ≈ 5D; "green eggs & ham" 5D40 towards end, intact; many gty- CO ₂ <small>transverse cracks @ 45° to c.a.</small>
L	970	980		39	5B20	* dk. gy. calc + dol. phyll. - good CO ₂
L	980	1006		40	4A4	(4L27, 4C5, 4C0, 4D5, 5D1*9, 4L2 ⇒ 4L62 ⇒ 5D*) ly. propert. of sulfidic tuffs; 4A4 @ TOI; etc. real suggestion of F ₂ repeats
L	1006	1078		41	5B9	±8 (CO ₂ * cal) trace; intact CO ₂
L	1078	1088		42	4A7	(5D69 py) (4D0 X 5D4 * dol X CO ₂ *); 4A7 @ TOI w/ 4D in 5D over rest of interval - tuff/exhalite complex
L	1088	1090		43	5D4*	
L	1090	1093		44	4E68	4
L	1093	1103		45	4C5	30% py ⇒ ZnS crudely banded w/ greenish gy folia
L	1103	1107		46	5D4*	
L	1107	1119		47	4C57	9 not normal 4C5; S _T = 30-40% py dom. py > ZnS > po > cpy; greenish gray cast

Lithologic Log

Date: 18 Aug 82 Logged By: GAT/DST

Code	From	To	Recov.	No.	Unit	Description					
	10	14	16	20	22	24	26	28	30	34	35
L	1119	1123		48	4E480						
L	1123	1126		49	4D58	c.f. #53 but w/ more ZnS; $S_T = 50\%$ w/ ZnS $\frac{1}{3}$ of py, minor po; greenish cast					
L	1126	1127		50	4E80	± 1					
L	1127	1129		51	4G4						
L	1129	1131		52	4D0	local center of tth symm. but no F ₂					
L	1131	1134		53	4G4	(4E8) 4G@TOT					
L	1134	1145		54	4C8	$\pm 7 \pm 9$ c.f. #55					
L	1145	1171		55	4A1	"cherty" (4C5, 5D4*); v. siliceous blk. matrix to gty-py bands					
						4C5 + 5D4* 114.5-114.9 $\frac{1}{2}$ minor					
L	1171	1174		56	4C5	(5D4*) rubble @ E01					
L	1174	1176		57	4A0	poor banding; $S_T = 10\%$					
L	117	1182		58	4C5	$\pm 7 \pm 9$ as greenish folia $S_T = 25\%$ py dominant; mod. banded; not normal po = 10% of sulfates					
L	1182	1184		59	4D48						
L	1184	1185		60	4A0	light colored [5A19]					
L	1185	1187		61	4D4	(5D4*) greenish cast to rock					
L	1187	1193		62	4A0	(4D5, 5D4*) complexly interleaved					
L	1193	1207		63	5C*	± 4 (5D* as margins)					
L	1207	1224		64	5D69	(4D0, 4L24, 4A0) complexly interleaved w/ greenish tinged sulfates suggestive of tuffs of exhalites or alt ^d & oxid zone??					
						4A0 = 5%, 4D0 = 10%, 4L24 = 20% 00* = 2% rest = 5D69					
L	1224	1232		65	4E48	(4E4*) 4E48 lower $\frac{1}{2}$ 4E4* lower $\frac{1}{2}$					
L	1232	1282		66	4C58	$\pm 7 \pm 9$ (4D0 ± 8 , 4G4* cal.) again w/ greenish - chlorite vs. musc. gtytes?? - cast					
						4G4* @ 125.4-125.6; 4C5 & 4D grade in E-cut					
L	1282	1307		67	4A0	$\pm 3 \pm 7 \pm 9$ minor; intact; generally normal exhal. text.; $S_T = 30\%$ py \Rightarrow BMSulfs					
L	1307	1318		68	4C0	(5D4*) 50:50; 5D4* = 130.8-131.8 $\frac{1}{2}$					
						131.2-131.6 rest 4C0 "greenish"; greenish cast \Rightarrow chlor \Rightarrow tuff. component					
L	1318	1340		69	4A0	$\pm 7 \pm 9$ minor po, cpy; exhal.					

Code	From	To	Recov.	No.	Unit	Description
L	1340	1366		70	4C7	±9 c.f. #72
L	1366	1368		71	4E81	
L	1368	1375		72	4G4	(4E46) center of lith symmetry
L	1375	1377		73	4E81	
L	1377	1388		74	4C9	±9±7 again greenish folia; occas. exhal. texture
L	1388	1400		75	4C5	⇒ 4A0 (504*) ; norm. exhal. texture $S_7 = 10\%$
L	1400	1435		76	4G4	(4E46) 50:50 local beds w/ amoeboid qtz-CO ₂ masses
L	1435	1439		77	0A*	[400] qtz-dol-py r.k. prob. vein
L	1439	1442		78	4E01	w/ amoeboid SiO ₂ masses c.f. 4K test.
L	1442	1465		79	4A9	(504*±0) as sm. tuft bands 504*±0 = 148.4-148.5, 148.8-148.9, 149.5-5cm 149.7-149.8 146.3-146.4; norm. exhal. text to 4A4 approx, rich in cherty qtzite missing bl. colored qtz-py bands — unsplit 4A0 ±4
L	1465	1476		80	5B20	^{5B0±2} strongly striped due to db. qtz → blk. S ₂ folia & strongly devel. qtz- cal. lithons
						FOH !!

Structural Log

Date: _____ Logged By: _____

Code	From		To		Feature	SYM	S ₀		S ₁		S ₂		Description
	10	14	16	20			Dip	Direct.	Dip	Direct.	Dip	Direct.	
S		2		40	INDP						70	2RS	or RS1
S				121	INDD						60		CS2
S				203	INDD						70		CS2
S				257	INDD						58		
S				331	CS2						68		
S				390	INDD						75		CS2
S				473	CS2						72		⇒ JD
S				530	CS2						80		
S				618	IND						78		CS2
S				729	CS2						35		
S				743	CS2						33		
S				825	CS2						52		
S				924	CS2						70		
S				1010	CS2						70		
S				1038	INDH						90		CS2 or CS _n where PS _n = 65
S				1082	INDP						70		
S				1156	INDP						70		RS1
S				1169	INDP						60		RS1
S				1235	INDP						62		RS1
S				1278	CS2						60		
S				1308	CS2						80		
S				1363	INDP						72		
S				1378	INDP						80		
S				1405	INDP						40		RS1
S				1434	INDP						50		"
S				1477	CS2						65		
S				1562	CS2						55		
S				1604	CS2						65		
S				1660	INDP						75	2RS	

ASSAY LOG (SAMPLER'S COPY) Date 18 Aug 82 Sampled by _____

CODE	FROM		TO		SAMPLE		INTR.		REC (m)		UNIT		DESCRIPTION
	10	14	16	20	22	26	28	30	32	34	36	40	
P		100		127	143513			27	107				4A01
P		132		150	143514			18	118				4A01 (4C5 ⇒ 4A30)
P		158		178	143515			20	120				4C01 ⇒ 4C5
P		178		198	143516			20	120				4C01 ⇒ 4C5
P		198		118	143517			20	120				4C01 ⇒ 4C5 (5D4*)
P		118		138	143518			20	120				4C01 (5D4*, 4A4)
P		232		247	143519			15	109				4A41 (4C0)
P		263		279	143610			16	113				4A01
P		279		293	143611			14	113				4A01 (5C4*)
P		293		313	143612			20	119				4C5
P		313		333	143613			20	120				4C5 (4C0)
P		333		358	143614			25	124				4C01 (5D4*9)
P		358		376	143615			18	118				4A01
P		376		396	143616			20	118				4C01 (5C4*)
P		396		416	143617			20	118				4C01 "
P		416		427	143618			109	109				4C01 "
P		427		447	143619			20	120				4C5 ⇒ (4A0, 5C4*, 4C0)
P		447		467	14370			20	118				4C5
P		467		490	14371			23	120				4C5
P		510.5		518	143712			13	107				4C01 (4C5)
A		518		538	143713			20	120				4A41
P		538		558	143714			20	120				4A41
P		558		579	143715			21	118				4A41
P		579		592	143716			13	113				4E41
P		643		661	143717			18	118				4E41
P		661		678	143718			17	116				4E41
P		686		709	143719			23	115				5A19 (4E4)(5C4*)
P		980		1010.6	14380			26	126				4A41 (4L27, 4C5, 4C0, 4D5, 5D4*9, 4L2)

DDH FAGU 184
2 8

Cyprus Anvil Mining Corp.

Page _____ of _____

Structural Log

Date: _____ Logged By: _____

Code	From		To		Feature	Sym	S ₀		S ₁		S ₂		Description
	10	14	16	20			Dip	Direct.	Dip	Direct.	Dip	Direct.	
	26	28	32	34	38	40	44						
			00		27 R ₁	3							
			88		107 B ₁								
			107		112 G ₁		11	S ₂					
			124		135 D ₁								
			505		518 BR ₁	6							
			579		592 DX ₁								
			621		622 G ₁				11	S ₂			
			635		636 G ₁				11	S ₂			
			639		641 BE ₁								
			641		643 B ₁				11	S ₂			
			643		678 D ₁								
			686		702 SRP				11	S ₂			
			702		709 DS ₁								
			827		855 SXP								
			822		827 SF ₁								
			870		970 3P ₁								
					11174 R ₁								
			1410		1435 ID								

LOGGED BY

Interval		DESCRIPTION	Recovery	Sample N ^o	Interval		Sample Length	Assay					Assay x				
From	To				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag		
		82.3: Gradual increase in calcite. Rx becoming Calcitic															
		Sericite Phyllite unit (SK).															
82.3	98.0	CALCITIC SERICITE PHYLLITE (SK). Competent. F = 50-55°; F = 5-15° marked by CaCO ₃ . Trace chlorite @ 87-87.1, 91.5-91.6.	15.5		82.3	98.0	15.7										
98.0	100.6	98.0: Sharp contact with Quartz-Sulfide (P) = 80°. QUARTZ-SULFIDE (P). Competent. F = 70°; F = sub-parallel to F @ 99.1-99.5 then @ 99.7-100.6 F appear to be 0° with series of small fold nose closure. NOTE: This run is characterized by Bleached Sericite inter- vals that has regular foliation 75°. Contacts are clean and sharp = 70-75°.	2.6	891B	98	100.6	2.6	1.80	2.55	26.40							
		100.6: Sharp clean contact with Calcitic Sericite Phyllite (SK). Contact marked by 5cm. Bleached Sericite. Plane = 45°.															
100.6	108.5	CALCITIC SERICITE PHYLLITE (SK). Competent. F = 80-85°; F = 0-10°. Calcite in groundmass and also marking F. 108.5: Abrupt change to Quartz-Sulfide (P) = 85°.	7.9		100.6	108.5	7.9										
108.5	115.0	QUARTZ-SULFIDE (P). Competent. Foliation = 85-90°; F = 0-10°. Sulfides evenly distributed in foliation plane. Faint Sph/Py--compositional banding in wide sulfide zone = 80°.	2.9	892B	108.5	111.5	3.0	1.13	1.10	15.09							
			1.5	893B	111.5	113.0	1.5	2.33	3.10	32.23				3.5	4.65	48.35	
			3.0	894B	113.0	116.0	3.0	1.23	1.40	18.17				1.85	2.10	27.26	
			3.0	895B	116.0	119.0	3.0	1.00	1.58	15.09							

Interval		DESCRIPTION	Recovery	Sample N ^o	Interval		Sample Length	Assay					Assay x				
From	To				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag		
		Po/Mggt erratically distributed as blebs and thin laminae.	3.7		119.0	122.8	3.8										
		115.0: Gradual change to Mineralized Graphitic Phyllite (PG)															
115.0	119.0	MINERALIZED GRAPHITIC PHYLLITE (PG). Competent. F = 80°; F = 0-5° with series of small F fold noses.		W.Av. W.Av.	113.0 111.5	119.0 114.5	6.0 3.0	2.61 1.78	PbZn 2.25					5.35	6.75	75.61	
		119.0: Sharp clean contact with Chloritic-Calcitic Bleached Sericite unit = 85°.															
119.0	122.8	CHLORITIC-CALCITIC BLEACHED SERICITE PHYLLITE (Sbc-K). Competent. White with green stripes. Foliation = 85-90°; F = 0-5°. Weak mineralization.															
		122.8: Sharp clean change to Quartz-Sulfide (P). Contact plane = 80°.															
122.8	136.3	QUARTZ-SULFIDE (P). Competent. Foliation F = 80°; F = 0-10°. Series of small F fold nose closure. Clots of Po erratically distributed in asso. w/Py. Sulfides in both foliation. Trace G in groundmass.	40 4 35 3 20 2 25 3 25 4	3.0 3.0 3.0 3.0 1.5	896B 897B 898B 899B 900B	122.8 125.8 128.8 131.8 134.8	125.8 128.8 131.8 134.8 136.3	3.0 3.0 3.0 3.0 1.5	1.50 0.83 0.13 0.17 0.98	1.95 0.80 0.18 0.15 1.28	25.37 12.00 5.14 5.14 14.06						
		136.3: Gradual increase of mineralization. Rx be-coming banded sulfides unit (MB).	35 8 10 2	1.5 1.5	901B 902B	136.3 137.8	137.8 139.3	1.5 1.5	3.85 0.45	5.00 0.63	47.31 8.32						
136.3	145.5	MASSIVE BANDED SULFIDES (MB) WITH BARITE-IN-GROUNDMASS VARIETY (Mb). Competent. Compositional banding = 80°	25 5 70 10 60 8	1.5 1.5 1.5	903B 904B 905B	139.3 140.8 142.3	140.8 142.3 143.8	1.5 1.5 1.5	2.35 5.00 4.23	3.05 7.02 5.45	35.31 63.43 70.63			7.50	10.53	95.15	
														6.35	8.18	105.95	

FAGU 186

DRILL HOLE : FAGU186
NORTHING : 905,180.7
EASTING : 592,067.9
ELEVATION : 1,092.5
TOTAL DEPTH : 61.0
SECTION : W 84
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS ORE-SAMPLES: 5
NOS DOWN-H-SURVEYS: 1
NOS DOWN-H-LITHOLOGY: 18
NOS DOWN-H-STRUCTURE: 9
NOS DOWN-H-FAULTS: 16
NOS DOWN-H-SPLINES: 1
NOS COMPOSITES: 0

17OCT83 GRUM

DOWN-HOLE SURVEYS (DH020)

PAGE: 47

DDH: FAGU186 UTM-N: 905,180.7 UTM-E: 592,067.9 UTM-ELEV: 1,092.5 TOTAL DEPTH: 61.0 SECTION: W 84
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH.	ZENITH	AZIMUTH
0.000	17.500	223.300

DDH: FAGU136 UTM-N: 905,180.7 UTM-E: 592,067.9 UTM-ELEV: 1,092.5 TOTAL DEPTH: 61.0 SECTION: W 84
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
1.6	0001	4A0		0.5-	1
1.9	0002	5D4*	(4L2)	0.5-	1
9.8	0003	4A0	50% "W.R."?	0.5-	1
10.8	0004	5C*	(5D4*)(4C5)	0.5-	1
11.6	0005	4D0	(4E7) 80:20	0.5-	1
13.0	0006	5B26	\$ (5A\$)(5D4*) MINOR	0.5-	1
24.7	0007	5B\$	&0 (5D4*)	0.5-	1
26.7	0008	5C\$#	(5D4\$#) 50:50	0.5-	1
38.2	0009	5B80	&2 (5D0) 95:05	0.5-	1
39.0	0010	5D0		0.5-	1
43.5	0011	5B80	(5D0)(10Q#) 10% "G.E.H."	0.5-	1
43.9	0012	5D0		0.5-	1
47.8	0013	5B80	(5D0) "G.E.H."	0.5-	1
51.5	0014	5B26	\$(5B20)70:30 "BLACK OF G.E.H."	0.5-	1
53.8	0015	5D\$0	(10Q*) TR.	0.5-	1
54.7	0016	5B28	\$ &0	0.5-	1
55.3	0017	5D0&		0.5-	1
61.0	0018	5B6\$	&0 &2	0.5-	1

17OCT83 GRUM

DOWN-HOLE STRUCTURE (DHO20)

PAGE: 49

DOH: FAGU186 UTM-N: 905,180.7 UTM-E: 592,067.9 UTM-ELEV: 1,092.5 TOTAL DEPTH: 61.0 SECTION: W 84
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DOH	F DEPTH	T DEPTH	FEAT SYMTRY	SG ANGLE DIRECT	S1 ANGLE DIRECT	S2 ANGLE DIRECT	RFE	CDE	DHDC	SDC	PROCESS
FAGU186	0.0	5.0	CS2	0 0	0 0	60 230	0		1	1	1
FAGU186	0.0	8.9	CS2	0 0	0 0	72 230	0		1	1	1
FAGU136	0.0	17.7	CS2	0 0	0 0	58 230	0		1	1	1
FAGU186	0.0	26.8	CS2	0 0	0 0	72 230	0	D	1	1	1
FAGU186	0.0	32.0	CS2	0 0	0 0	85 230	0		1	1	1
FAGU186	0.0	37.5	CS2	0 0	0 0	70 230	0		1	1	1
FAGU186	0.0	44.0	CS2	0 0	0 0	80 230	0		1	1	1
FAGU136	0.0	54.3	CS2	0 0	0 0	78 230	0		1	1	1
FAGU136	0.0	59.9	CS2	0 0	0 0	63 230	0		1	1	1

DDH: FAGU186 UTM-N: 905,180.7 UTM-E: 592,067.9 UTM-ELEV: 1,092.5 TOTAL DEPTH: 61.0 SECTION: W 84
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	REC	CD	PARLL	UPPER PLANE	INTERNAL PLANE	LOWER PLANE	DHD	
FAGU186	0.0	1.0	BP		2		0	0	0	0	1
FAGU186	10.8	11.6	D2B				0	0	0	0	1
FAGU186	11.6	12.8	B				0	0	0	0	1
FAGU186	0.0	12.8	G				0	0	99	999	1
FAGU186	12.8	16.0	B				0	0	0	0	1
FAGU186	0.0	16.0	G				0	0	0	0	1
FAGU186	16.0	18.7	B1G				0	0	0	0	1
FAGU186	0.0	18.7	F				0	0	0	0	1
FAGU186	18.7	20.1	B				0	0	0	0	1
FAGU186	0.0	20.1	G				0	0	0	0	1
FAGU186	20.1	23.2	B				0	0	0	0	1
FAGU186	0.0	23.2	G				0	0	0	0	1
FAGU186	23.2	24.7	B				0	0	0	0	1
FAGU186	26.7	36.5	2B				0	0	0	0	1
FAGU186	0.0	36.5	G				0	0	0	0	1
FAGU186	36.5	38.2	2B				0	0	0	0	1

17OCT83 GRUM

DOWN-HOLE SPLINES (DH020)

PAGE: 51

DDH: FAGU186 UTM-N: 905,180.7 UTM-E: 592,067.9 UTM-ELEV: 1,092.5 TOTAL DEPTH: 61.0 SECTION: W 84
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH SEGMENT NOS COND INDICATOR

FAGU186 1 1

**THIS REPORT WAS REQUESTED BY: LEEP .GEOLOGY AT: 15:45:03

84 W

CYPRUS ANVIL MINING CORPORATION

Page 1 of 6

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: FAG 4 186

Reference Fabric Orientation Diagram:

Project: GRUM

Location: 84 W

Claim: _____

Terr. Plane Co-ords.: 905180.7 N

change of basis of K-A survey coords

592067.9 E

Grid Co-ords: _____

All symmetry determinations looking

K-A elev -10.61m

Elevation: 1092.5

NW with 5 dipping

Total Depth: 61.0

SW with dip azimuth 225.

Purpose: _____

Reason hole Terminated: _____

Logged by: GAJ

Date(s) Logged: AUG 82

Drilling Contractor: _____

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

Hole Cemented: _____

Steel down hole: _____

Started: _____ Completed: _____

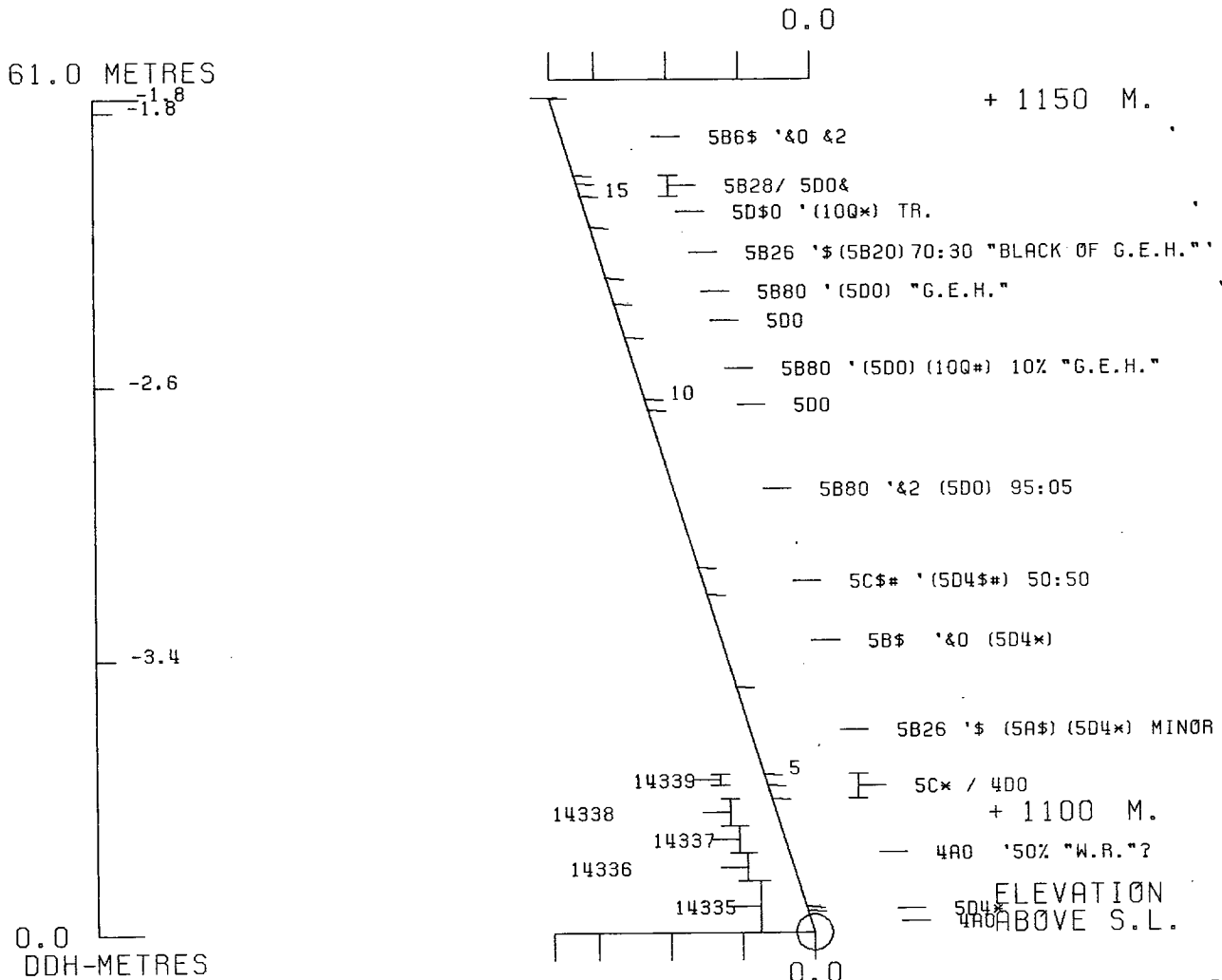
Lithologic Log

Date: 17 Aug 82 Logged By: /

Code	From		To		Recov.		No.		Unit	Description
	10	14	16	20	22	24	26	28		
L		00		10				1	4A0	Broken core + rubble .2m recvy
L		16		19				2	SD4*	(442) rat poop
L		19		98				3	4A0	marginal 4A0 since not uniformly but only locally well banded with 5" ste laminae 50% of unit is weasby spheroidal dtk grey spher bearing unit like alted wall rx. intact before splitting overall impression py dom low 5" int (15%) with 50% wall rx with low 5" int (5%) spher sspy
L		98		108				4	5C*	(SD4*) SD is margins upper .5" fabric 4" s" toward base. "5" dtk gte py spher gal bands in SD intact before splitting.
L		108		116				5	4D4	(4E7) 80:20 4D4 is off white to lt grey s micabtd throat but shows evidence of py spher rich horizons - looks exhalative 4E7 toward base of unit - lower part of unit is heavily banded.
L		116		180				6	SB26*	dolo. (SA*) (SD4*) very minor med dtk grey to black with variably carbonaceous folia and gte CO3 = lithons giving dolly striped appearance to unit - To to 12" OP* SD4* in 2x1-2cm bands in last 0.5m. broken throat interval with well developed S2 " incy gorge at 12.8 = 1cm, ~16.0 = reasonably intact for this rock type.
L		180		247				7	SB*	±0 (SD4*) lt buff grey in carb very dolo rich probably submitral SB, ~10% SD4* throat unit .05-.1m. badly broken with much incy gorge mainly IND but maybe 1/2 S2 "

Code	From		To		Recov.		No.		Unit	Description	
	10	14	16	20	22	24	26	28			30
											certainly not a normal Anvil Range rock type - steep fault at 18.7 11 to 30° to CA.
											at 20.1 5" incip gng
											at 23.2 5" gng - good recryst despite calc + dolo (SD4 * ± 0) 50:50
L	247		267					8	SCX		good green color intact
L	267		382					9	SB80		± 2% v. minor (SD0) 5% typical green in local grey SB, good libon struct., mod broken, indeterm gng @ 36-5
L	382		390					10	SD0		normal intact
L	390		435					11	SB80		(SD0) (OP* calc) 10% normal "GEH"
L	435		459					12	SD0		normal intact
L	459		478					13	SB80		(SD0) "GEH" intact no faults no OPO no interest
											SD0 at 46.5-46.8, 470-47.2
L	478		515					14	SB26		* dolo (SB20) 70:30 no SD no OPO no gng "block of GEH"
L	515		538					15	SD1*		* = dolo. intact + OP*
L	538		547					16	SB28		* ± 0 intact "GEH"
L	547		553					17	SD0*		ps ₂ normal intact
L	553		610					18	SB16*		± 0 ± 2 very locally mod grey, moderately dolomitic weakly calcitic with CO ₂ in usual gtr stater libon // S ₁ & S ₂ - normal dolomitic SB

generally
biggy
at
unit



DDH: FAGU186 -- 42 DEGREE PROFILE

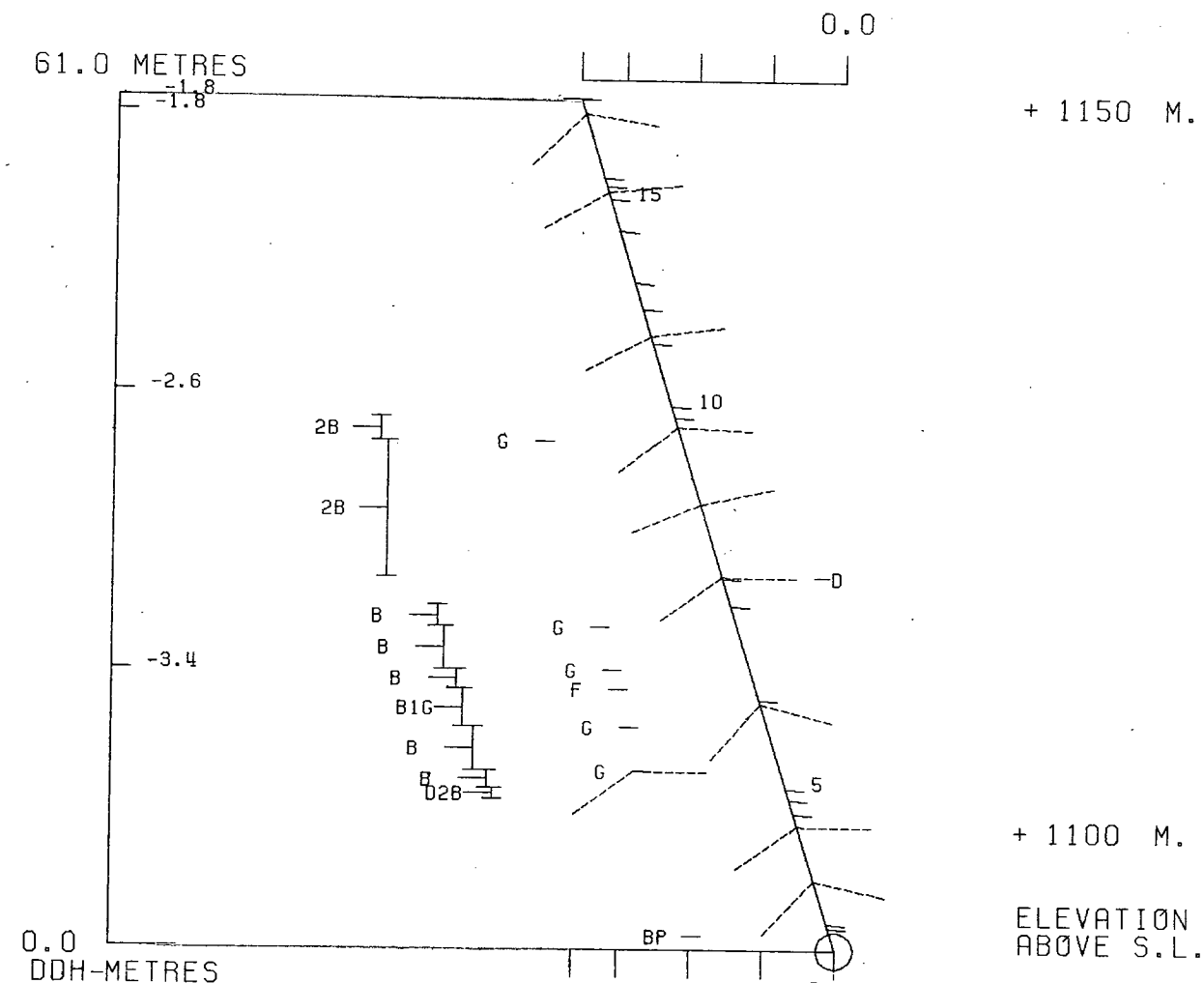
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1093 592068E ; 905181N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 479.4 Z = 1091.7

SECTION NAME: 84W



DDH: FAGU186 -- 42 DEGREE PROFILE
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1093 592068E ; 905181N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 479.4 Z = 1091.7

SECTION NAME: 84W

FAGU218

DRILL HOLE : FAGU218
NORTHING : 905,156.6
EASTING : 592,071.3
ELEVATION : 1,089.9
TOTAL DEPTH : 45.7
SECTION : W 83
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 0

DETAIL RECORD COUNTS:

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

08FEB84 GRUM

COWN-HOLE SURVEYS (DHO2C)

PAGE: 2

DDH: FAGU218 UTM-N: 905,156.6 UTM-E: 592,071.3 UTM-ELEV: 1,089.9 TOTAL DEPTH: 45.7 SECTION: W 83
RFE: S2 RFE DIP: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 0

DEPTH	ZENITH	AZIMUTH
0.000	113.100	231.400

08FEB84 GRUM

DOWN-HOLE LITHOLOGY (DH020)

PAGE: 3

DDH: FAGU213 UTM-N: 905,156.6 UTM-E: 592,071.3 UTM-ELEV: 1,089.9 TOTAL DEPTH: 45.7 SECTION: W 83
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 OHD CALC: 1 SS CALC: 0

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
45.7	0001	XXXXX	NCT LOGGED BY CAMC	0.0	1

08FEB84 GRUM

DOWN-HOLE SPLINES (DH020)

PAGE: 4

DDH: FAGU218 UTM-N: 905,156.6 UTM-E: 592,071.3 UTM-ELEV: 1,089.9 TOTAL DEPTH: 45.7 SECTION: W 83
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 0

DDH SEGMENT NOS COND INDICATOR

FAGU218 1 1

**THIS REPORT WAS REQUESTED BY: LEEP .GEOLOGY AT: 09:30:02

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: FAGU 218

Fabric Orientation Diagram:

Project: _____

Location: _____

Claim: _____

~~Text~~ Plane
Co-ords.: 6905156.605 N

*extension of
L-A surveyed grid
co-ords*
592071.2774 E

Grid
Co-ords.: 83 +18W / 3N

All symmetry determinations looking

_____ with _____ dipping

Elevation: 1089.907 m.

_____ with dip azimuth _____.

Total Depth: 45.7 m.

Purpose: _____

Logged by: _____ Date(s) Logged: _____

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

Started: Oct 2/76 Completed: Oct 3/76

DIAMOND DRILL RECORD

LOGGED BY John D. J.

PROPERTY Green Joint Venture
 CO-MPI 620
 LATITUDE 10.956.369" 83W+ 18m BEARING OF HOLE 224 231'22'37" STARTED Oct. 2, 1976
 DEPARTURE 7382.507 3N DIP OF HOLE -20 -23'05" COMPLETED Oct. 3, 1976
 ELEVATION 1100.517 DIP TESTS None DEPTH Ultimate: 180' - 45.7
 Proposed: 250' - 76.2m

D.D.H. No. 76-11-218 PAGE 1/2

CLAIM No. _____
 DIRECTION AND DISTANCE FROM _____
 NE. CLAIM POST _____
 Total Core Recovery: 86.6%

FOOTAGE		DESCRIPTION	R	Z	Rec. Ft.	Sample No.	Footage		Sample Length	Assay					Assay x Feet		
FROM	TO						From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag
0	29.1	Mineralized graphitic phyllite (Pg) w/ intercalation of broad banded massive sulfide (MB) Compactional.	60	16	1.5	932B	0	3	3	2.70	11.41	134.09			53.1	95.3	105.73
		Foliation varying. Compactional banding sph/py	40	12	1.4	933B	3	4.5	1.5	5.55	10.09	17.72			8.93	15.40	106.58
		± 40°-95°	45	12	1.5	934B	4.5	6.0	1.5	4.95	8.60	88.80			9.42	12.9	133.2
		4.6°-4.8° - F ₂ ~ 40°-95° F ₁ ~ 10°-15°	45	10	1.5	935B	6.0	7.5	1.5	2.10	5.25	40.46			3.5	3.88	60.40
		8.0°-9.1° - F ₂ ~ 75°-80° F ₁ ~ 30°-5°	35	9	1.5	936B	7.5	9.0	1.5	1.53	3.93	29.14			5.30	5.45	45.21
		14°-15° - Dominant foliation ± 0° w/ broad elongated axial fold near cleavage (F ₁ ?)	35	9	1.5	937B	9.0	10.5	1.5	2.60	5.35	47.31			5.40	5.05	70.27
		14.6-17 - Bx. Chz fragment Ø 2 cm contained by sulfide, graphite w/ spots of pyrite along interices and in some of the bx fragments.	40	10	1.5	938B	10.5	12.0	1.5	4.15	6.75	68.57			6.23	10.13	102.86
			40	12	1.4	939B	12	13.5	1.5	6.27	9.99	90.76			9.41	14.99	26.27
			30	15	1.5	940B	13.5	15.0	1.5	3.85	7.05	50.40			5.78	11.48	75.6
			30	10	1.3	941B	15.0	16.5	1.5	2.70	5.68	46.46			4.05	8.52	60.69
			35	18	1.5	942B	16.5	18	1.5	5.09	6.61	85.72			7.64	9.02	27.58
			25	10	1.5	943B	18	19.5	1.5	3.90	4.60	64.46			5.35	6.90	96.69
		25.6-27.1 - Interval of alternating massive sulfide and bleached micaceous band (M-56). Compactional. Bleached unit Buff green w/ foliation ± 25°. Massive unit has compactional banding ± 25°. Contacts sharp and clean ± 45°. Each band ± 10 cm long.	30	10	1.5	944B	19.5	21.0	1.5	2.45	3.50	44.03			3.68	5.75	73.55
			40	12	0.8	975B	21.0	22.5	1.5	5.79	6.91	93.94			8.69	10.37	140.91
			15	16	0.9	976B	22.5	24.0	1.5	3.43	11.15	144.26			11.15	16.73	211.87
			30	8	1.5	977B	24.0	25.5	1.5	4.20	6.44	66.51			6.30	9.66	92.77
			30	9	1.5	978B	25.5	27.0	1.5	6.32	11.25	127.74			7.47	16.87	148.11

DDH: FAGU218 -- 42 DEGREE PROFILE
(VIEW AZIMUTH = 312 DEGREES)

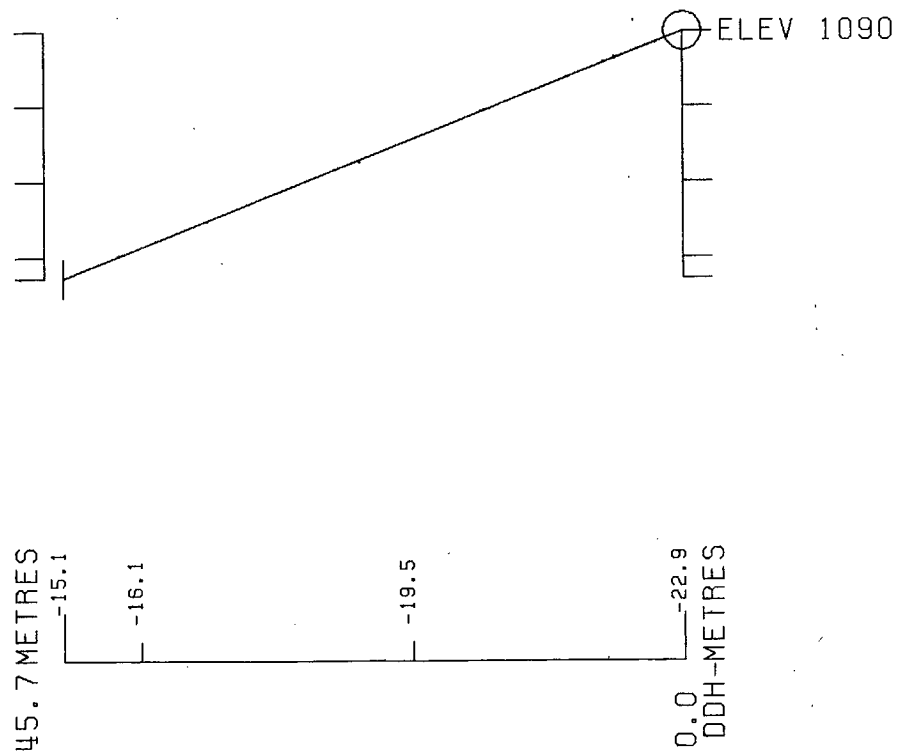
ELEV: 1090 592071E ; 905157N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 463.7 Z = 1085.4

SECTION NAME: 84W

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 19 FEB 1985 11:22 AM



DDH: FAGU218 -- 42 DEGREE PROFILE
(VIEW AZIMUTH = 312 DEGREES)

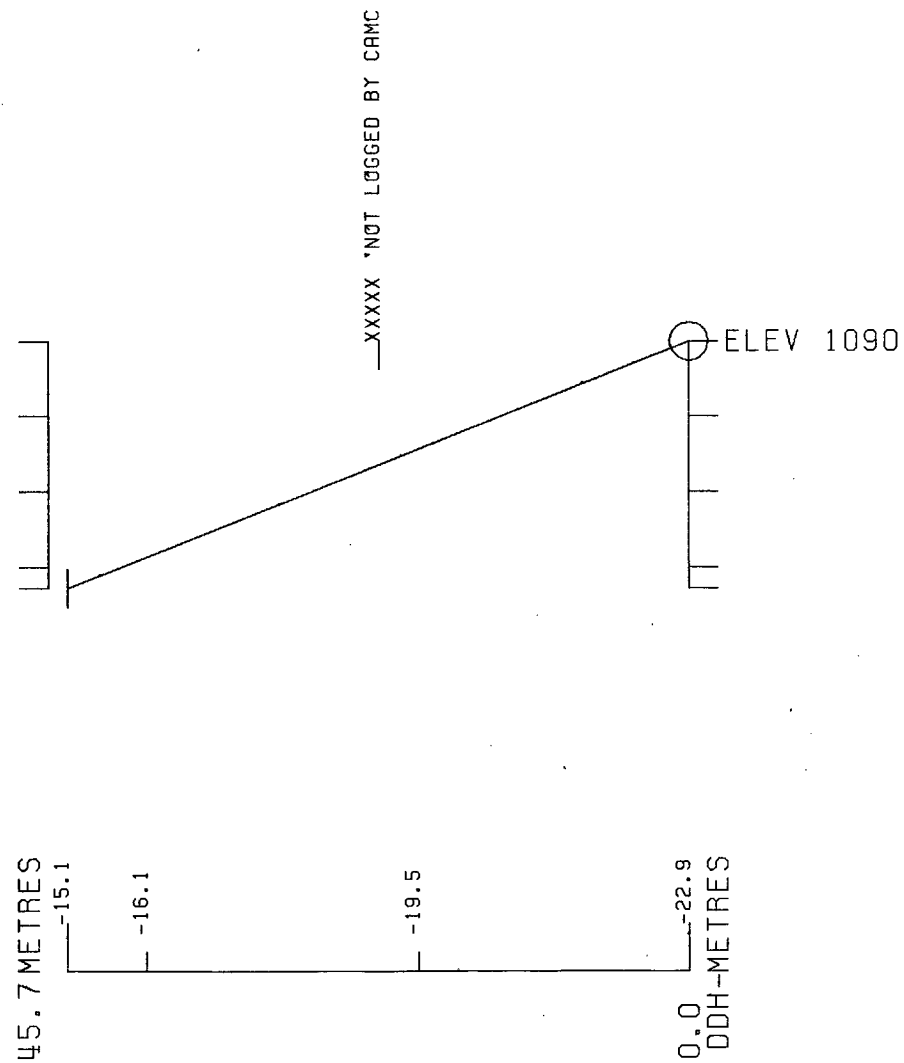
ELEV: 1090 592071E ; 905157N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 463.7 Z = 1085.4

SECTION NAME: 84W

CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 19 FEB 1985 12:51 PM



FAGU 094

DRILL HOLE : FAGU094
NORTHING : 905,168.2
EASTING : 592,066.8
ELEVATION : 1,089.2
TOTAL DEPTH : 26.2
SECTION : W 84
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 0

DETAIL RECORD COUNTS:

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

08FEB84 GRUM

DOWN-HOLE SURVEYS (DH020)

PAGE: 22

DH: FAGU094 UTM-N: 905,168.2 UTM-E: 592,066.8 UTM-ELEV: 1,089.2 TOTAL DEPTH: 26.2 SECTION: W 84
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 0

DEPTH	ZENITH	AZIMUTH
0.000	87.000	347.500

08FEB84 GRUM

DOWN-HOLE LITHOLOGY (DHC20)

PAGE: 23

DDH: FAGU094 UTM-N: 905,168.2 UTM-E: 592,066.8 UTM-ELEV: 1,089.2 TOTAL DEPTH: 26.2 SECTION: W 84
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 0

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
26.2	0001	XXXXX	NOT LOGGED BY CAMC	0.0	1

08FEB84 GRUM

DOWN-HOLE SPLINES (DH020)

PAGE: 24

DDH: FAGU094 UTM-N: 905,163.2 UTM-E: 592,066.8 UTM-ELEV: 1,089.2 TOTAL DEPTH: 26.2 SECTION: W 84
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 0

DDH SEGMENT NOS COND INDICATOR

FAGU094 1 1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: FAGU 094

Fabric Orientation Diagram:

Project: _____

Location: _____

Claim: _____

UTM ~~Terr. Plane~~
Co-ords.: 6905168.237 N

*Conversion of
K-A surveyed grid
Co-ords*
592066.7673 E

Grid
Co-ords.: 84W

All symmetry determinations looking
_____ with _____ dipping
_____ with dip azimuth _____.

Elevation: 1089.175m.

Total Depth: 26.2m.

Purpose: _____

Logged by: _____ Date(s) Logged: _____

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

Started: May 23/76 Completed: May 24/76

Interval		DESCRIPTION	Py PbZn	Recovery	Sample N ^o	Interval		Sample Length	Assay					Assay x		
From	To					From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag
6.1	13.9	QUARTZ SULPHIDES (PF).	10 2	0.4	3011	6.1	7.6	1.5	0.28	1.05	5.14			1.33	PbZn	
		Quartz sericite phyllite with bands of sulphides in	10 2	1.2	3012	7.6	9.1	1.5	0.43	1.05	7.20			1.48	PbZn	
		F banding. F visible sub parallel to F (25-20°)	10 2	1.1	3013	9.1	10.7	1.6	0.33	0.63	5.14			0.96	PbZn	
		F -30°. Core is mostly blocky and broken, but with some whole pieces (7.6-9.1).	20 4	1.7	3014	10.7	13.9	3.2	0.55	0.60	10.97			1.15	PbZn	
13.9	14.7	BLEACHED PHYLITE (Sbm).		0.7/0.8		13.9	14.7									
		Greenish gray (due to large 2-3% mariposite). Core is hard and competent. F -15° ?														
14.7	23.3	QUARTZ SULPHIDES (P).	15 6	1.9	3015	14.7	16.8	2.1	0.68	0.98	13.03			1.66	PbZn	
		Sulphides in a quartz-sericite-phyllite matrix.	15 6	0.9	3016	16.8	18.3	1.5	0.23	0.38	5.14			0.61	PbZn	
		Core is broken generally along F. F variable 0- 20°. F perpendicular F generally.	15 6	1.1	3017	18.3	20.1	1.8	1.05	0.75	16.11			1.80	PbZn	
		20.6-21.6: Loss of sericite phyllite. Quartz becomes cherty.	5 3	1.6	3019	21.6	23.3	1.7	0.35	0.34	5.14			0.69	PbZn	
		21.6-23.3: Drilled along white phyllite-quartz contact.			W.Av.	6.1	13.9	7.8	1.21	PbZn						
					W.Av.	14.7	20.1	5.4	1.41	PbZn						
23.3	24.6	WHITE PHYLITE (Ss).		1.3/1.3		23.3	24.6									
		Pale yellow-white, quartz rich. F parallel to core. F variable 0-60°. Moderately competent.			W.Av.	20.1	23.3	3.2	0.81	PbZn						

DDH: FAGU094 -- 42 DEGREE PROFILE

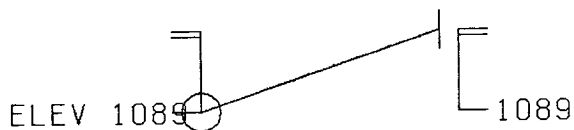
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1089 592067E ; 905168N

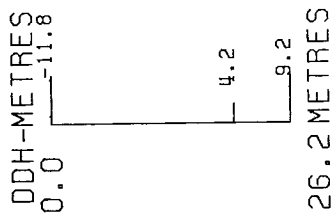
PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0 .

CORRECTED COLLAR POSITION: X = 469.3 Z = 1086.9

SECTION NAME: 84W



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH161 19 FEB 1985 11:24 AM



DDH: FAGU094 -- 42 DEGREE PROFILE
(VIEW AZIMUTH = 312 DEGREES)

ELEV: 1089 592067E ; 905168N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

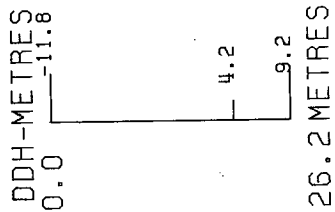
CORRECTED COLLAR POSITION: X = 469.3 Z = 1086.9

SECTION NAME: 84W

XXXXX NOT LOGGED BY CAMC



CYPRUS ANVIL MINING CORPORATION
PROGRAM DH162 19 FEB 1985 12:55 PM



FAGU 170

DRILL HOLE : FAGU170
NORTHING : 905,222.9
EASTING : 592,099.4
ELEVATION : 1,089.2
TOTAL DEPTH : 96.2
SECTION : W 84
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS ORE-SAMPLES: 26
NOS DOWN-H-SURVEYS: 1
NOS DOWN-H-LITHOLOGY: 49
NOS DOWN-H-STRUCTURE: 14
NOS DOWN-H-FAULTS: 21
NOS DOWN-H-SPLINES: 1
NOS COMPOSITES: 0

DDH: FAGU170 UTM-N: 905,222.9 UTM-E: 592,099.4 UTM-ELEV: 1,089.2 TOTAL DEPTH: 96.2 SECTION: W 84
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

---DEPTHS---		SAMPLE NO.	INT.	REC.	ROCK UNIT	S.G. PULP	ASSAYS												
FROM	TO						CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %
1.0	2.9	14214	1.9	1.6	4A34	3.29	.04	2.14	3.72	46.00	.75	1	10	11					
2.9	4.8	14215	1.9	1.8	4A34	3.56	.02	3.91	7.29	70.00	.75	1	14	15					
4.8	6.7	14216	1.9	1.9	4A34	3.43	.05	2.10	3.39	50.00	.68	1	14	15					
6.7	8.7	14217	2.0	1.9	4A34	3.52	.05	2.79	5.59	58.99	.95	1	13	15					
8.7	10.7	14218	2.0	1.9	4C5	2.98	.02	.88	1.30	14.99	.75	1	2	3					
10.7	12.7	14219	2.0	2.0	4C5	3.02	.02	1.76	2.44	28.99	.55		1	2					
12.7	14.7	14220	2.0	1.7	4D5	3.06	.02	3.39	3.27	80.00	.68		2	3					
14.7	16.7	14221	2.0	1.5	4D5	3.10	.02	1.83	4.11	36.00	.34	1	2	3					
16.7	18.7	14222	2.0	1.8	4D5	3.08	.02	3.52	3.66	94.00	.34	1	1	2					
18.7	20.7	14223	2.0	1.5	4C5	3.06	.02	.91	3.06	19.00	.20	1		2					
20.7	23.0	14224	2.3	2.0	4C5		.01	.46	1.31	9.00									
23.0	25.1	14225	2.1	1.9	4C5		.02	.29	.82	6.99									
25.1	27.5	14226	2.4	2.0	4C5	3.00	.02	1.43	2.31	24.00	.27		2	3					
27.5	29.2	14227	1.7	1.4	4C5	3.02	.02	.79	1.27	15.99	.14	2	1	3					
30.4	32.8	14228	2.4	.4	4A0	3.52	.04	1.40	3.56	28.99	.47	2	12	14					
32.8	34.0	14229	1.2	.6	4KEA	3.35	.05	4.00	8.80	83.00	.40	1	8	9					
34.0	35.9	14230	1.9	1.0	4KE	3.87	.05	6.79	12.40	119.99	.34	1	15	17					
37.0	37.9	14231	.9	.9	4D34	3.97	.05	3.95	9.09	75.00	.40	2	18	20					
37.9	40.7	14232	2.8	2.5	4A34	3.31	.04	4.98	5.70	81.00	.68	1	9	10					
40.7	43.0	14233	2.3	1.6	4K4	3.52	.05	3.35	7.49	58.99	.55	2	3	5					
43.0	45.7	14234	2.7	2.3	4K4	3.72	.01	2.22	4.32	46.00	.40	1	19	21					
45.7	46.7	14235	1.0	.9	4E4	3.97	.14	6.29	9.59	134.00	1.43		20	20					
46.7	43.7	14236	2.0	1.7	4A4	3.35	.05	4.82	6.99	80.00	.95	1	10	11					
48.7	50.3	14237	1.6	1.0	4AE	3.39	.05	1.93	3.10	40.00	1.23	2	11	14					
50.3	52.5	14238	2.2	2.0	4A34	3.31	.05	4.79	6.50	73.00	.89		10	11					
52.5	54.8	14239	2.3	2.0	4A34	3.39	.05	3.31	3.91	52.00	1.16	4	12	16					

WEIGHTED AVERAGE

1.0	29.2	28.2	24.9	2.68	.02	1.84	3.07	38.99	.45	1	4	5
30.4	35.9	5.5	2.0	3.61	.04	3.83	7.75	72.21	.41	1	12	14
37.0	54.8	17.8	14.9	3.49	.05	3.84	5.89	66.98	.82	1	12	13

17OCT83 GRUM

DOWN-HOLE SURVEYS (DH020)

PAGE: 3

DDH: FAGU170 UTM-N: 905,222.9 UTM-E: 592,099.4 UTM-ELEV: 1,089.2 TOTAL DEPTH: 96.2 SECTION: W 84
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	173.600	7.600

DDH: FAGU170 UTM-N: 905,222.9 UTM-E: 592,099.4 UTM-ELEV: 1,089.2 TOTAL DEPTH: 96.2 SECTION: W 84
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
1.0	0001	#		0.5-	1
3.7	0002	4A34	(10Q*)(5D4*) BOTH MINOR	0.5-	1
23.0	0003	4C5	(5D4*) MINOR "W.R.?"	0.5-	1
23.1	0004	4C5	->3G61 (3G1&6)(5D4*) MINOR	0.5-	1
27.5	0005	4C5	->5A19 DOWN	0.5-	1
29.2	0006	4C5	(4L0)	0.5-	1
30.4	0007	3G1	84 (10Q*) 95:05	0.5-	1
32.3	0008	4A0	(4D0)(4E5) RUBBLE IN FAULT	0.5-	1
35.9	0009	4K4	(4E4)(4A34) 60:10:30 4A AT TOP	0.5-	1
37.0	0010	5D4*	(10Q*)	0.5-	1
37.9	0011	4D4\$\$	[4G\$4]	0.5-	1
40.7	0012	4A34	\$3	0.5-	1
42.3	0013	4K4	(4D4\$\$)	0.5-	1
42.7	0014	5D4*	89	0.5-	1
43.0	0015	4K4	->4D4\$\$ (4E46) 50:50	0.5-	1
43.2	0016	5D4*		0.5-	1
43.6	0017	4E45		0.5-	1
45.7	0018	4K4		0.5-	1
46.7	0019	4E4	36	0.5-	1
43.7	0020	4A4	83	0.5-	1
49.0	0021	10Q*	(5D4*)	0.5-	1
49.5	0022	4A0	->5A19 (5D4*) MINOR	0.5-	1
50.3	0023	4E4	(5D4*)(10Q*) 40:50:10	0.5-	1
54.8	0024	4A34		0.5-	1
56.0	0025	3G4	(10Q*) 70:30	0.5-	1
60.3	0026	3G0	89	0.5-	1
64.5	0027	3G6	81 89	0.5-	1
67.4	0028	3G0	(10Q*)	0.5-	1
67.8	0029	5D4*	(4L0) 50:50	0.5-	1
70.4	0030	3G0	89	0.5-	1
75.1	0031	3G9		0.5-	1
75.3	0032	4C5		0.5-	1
76.5	0033	5C4*		0.5-	1
73.7	0034	5D4*		0.5-	1
80.9	0035	5C4*		0.5-	1
81.1	0036	4L2		0.5-	1
82.6	0037	4C5	(4C0)	0.5-	1
85.6	0038	3G9	(4L0) (5D4*)	0.5-	1
87.0	0039	4L2	31	0.5-	1
87.5	0040	5C4*		0.5-	1
90.8	0041	4L2	84 81	0.5-	1
91.3	0042	5C4*		0.5-	1
91.5	0043	4L2	31	0.5-	1
92.0	0044	5C4*		0.5-	1
92.9	0045	4L2	81	0.5-	1
94.0	0046	5C4*	W/ LOCAL "CLASTIC" TEXTURE	0.5-	1
95.5	0047	4L2	81 (5C*) MINOR	0.5-	1
95.9	0048	5C4*	->5D4*	0.5-	1
96.3	0049	4L2	81	0.5-	1

DDH: FAGU170 UTM-N: 905,222.9 UTM-E: 592,099.4 UTM-ELEV: 1,039.2 TOTAL DEPTH: 96.2 SECTION: W 84
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	DIRECT	S1 ANGLE	DIRECT	S2 ANGLE	DIRECT	RFE	CDE	DHDC	SDC	PROCESS
FAGU170	0.0	3.8			0	0	0	0	60	230	0		1	1	1
FAGU170	0.0	9.3	CS2		0	0	0	0	88	230	0		1	1	1
FAGU170	0.0	14.2	CS2		0	0	0	0	80	230	0		1	1	1
FAGU170	0.0	17.4	CS2		0	0	0	0	82	230	0		1	1	1
FAGU170	0.0	25.8	PS2	P	0	0	0	0	90	230	0		1	1	1
FAGU170	0.0	50.0	PS2	P	0	0	0	0	70	230	0		1	1	1
FAGU170	0.0	53.0	PS2	P	0	0	0	0	70	230	0		1	1	1
FAGU170	0.0	56.0	PS2	P	0	0	0	0	60	230	0		1	1	1
FAGU170	0.0	61.8	PS2	P	0	0	0	0	80	230	0		1	1	1
FAGU170	0.0	66.5	PS2	P	0	0	0	0	70	230	0		1	1	1
FAGU170	0.0	78.8	CS2		0	0	0	0	45	230	0		1	1	1
FAGU170	0.0	86.9	PS2	P	0	0	0	0	80	230	0		1	1	1
FAGU170	0.0	92.2	PS2	P	0	0	0	0	90	230	0		1	1	1
FAGU170	0.0	95.5	PS2	P	0	0	0	0	80	230	0		1	1	1

DDH: FAGU170 UTM-N: 905,222.9 UTM-E: 592,099.4 UTM-ELEV: 1,089.2 TOTAL DEPTH: 96.2 SECTION: W 84
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	REC	CD	PARLL	UPPER PLANE	INTERNAL PLANE	LOWER PLANE	DHD		
FAGU170	30.2	32.8	RP				0	0	0	0	1	
FAGU170	32.8	37.0	31R				0	0	0	0	1	
FAGU170	40.7	41.7	BR				0	0	0	0	1	
FAGU170	41.7	42.3	RF				0	0	0	0	1	
FAGU170	43.2	43.4	R				0	0	0	0	1	
FAGU170	54.8	56.0	2BR				0	0	0	0	1	
FAGU170	56.0	57.8	2B				0	0	0	0	1	
FAGU170	0.0	57.8	G				0	0	0	0	1	
FAGU170	57.8	59.7	2B				0	0	0	0	1	
FAGU170	0.0	59.7	G				0	0	0	0	1	
FAGU170	59.7	66.2	2B				0	0	0	0	1	
FAGU170	0.0	66.2	G				0	0	0	0	1	
FAGU170	66.2	67.4	2B				0	0	0	0	1	
FAGU170	70.4	75.1	G3F				0	0	99	999	0	1
FAGU170	0.0	75.3	G				0	0	0	0	0	1
FAGU170	75.3	78.7	B				0	0	0	0	0	1
FAGU170	0.0	80.9	F				45	0	0	0	0	1
FAGU170	81.1	82.6	B				0	0	0	0	0	1
FAGU170	82.6	85.6	G				0	0	0	0	0	1
FAGU170	0.0	86.0	F				45	0	0	0	0	1
FAGU170	86.3	86.7	G				0	0	0	0	0	1

17OCT83 GRUM

DOWN-HOLE SPLINES (DHO20)

PAGE: 7

DDH: FAGU170 UTM-N: 905,222.9 UTM-E: 592,099.4 UTM-ELEV: 1,039.2 TOTAL DEPTH: 96.2 SECTION: W 84
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH SEGMENT NOS COND INDICATOR

FAGU170 1 1

84 W.

CYPRUS ANVIL MINING CORPORATION

Page 1 of 7

DIAMOND DRILL CORE LOG

Date: _____

Hole Number: FAGU 170

Reference Fabric Orientation Diagram:

Project: GRUM

Location: 84 W.

Claim: _____

Terr. Plane Co-ords.: 905222.8 ~~9~~ N

592099.4 E

Grid Co-ords: _____

*Change of base
of K-A survey co-ords*

All symmetry determinations looking

K-A elev - 10.61
Elevation: 1089.3 ~~2~~

NW with 52 dipping

Total Depth: 96.3

SW with dip azimuth 225.

Purpose: _____

Reason hole Terminated: _____

Logged by: G A J P S J

Date(s) Logged: 13 AUG 82

Drilling Contractor: _____

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

Hole Cemented: _____

Steel down hole: _____

Started: _____ Completed: _____

Code	From		To		Recov.	No.	Unit	Description
	10	14	16	20				
L		00		10		1	#	No recovery
L		10		87		2	4A34	normal; prob. intact; local microbia (OO*) minor; 5D4* @ 5.4 unmineralized
L		87		230		3	4C5	doesn't look exhalative; Weasel Rock unbandeal, pervasively silicified; subfs dec. dramatically 20.0 → 23.0; 5D4* @ 18.0 & is unmineralized — problem of whole unit is replacement mineralization & this is a tuff; 5-10% 5 ⁺ w/ sub ≡ py & ZnS 5% 5 ⁺ in last 3M ZnS dominant w/ wavy bands 11S ₂ & S ₁ ; prob. intact
L		230		251		4	4C5	⇒ 3GG1 (391±6, 5D4*) 5D4* in 5 bands 2cm to 20cm. & is unmineralized & could be tuffs
L		251		275		5	4C5	inc. in carb. content progressively toward base ⇒ 5A19; 10 5 ⁺ ≈ 10% w/ sub ≈ ZnS & py c.f. unit #2 but more carb; not good exhalatives but tuff problem arises again
L		275		292		6	4C5	(4L0); 4C5 lt. gray less C than above ≈ 5% 5 ⁺ w/ sub ≈ ZnS+py; looks like alt. walk (esp. 4L @ ECI)
L		292		304		7	3G11	±4 (OO*) = 5%; broken, last 20cm. nig rubble
L		304		328		8	4A0	rubble, ground core, need seam, no gauge rec'd; 20cm rubble, rec'd. probable fault; 4A0, 4D0 & 4ES
L		328		359		9	4K4	(4E4, 4A34); 60:10:30; broken w/ uncertain rec'd but may not be bad (see KA log); ground core @ 34.1 & 35.0; 4A in upper 4K in lower part of unit
L		359		370		10	5D4*	(OO*) py + PbS in OO*; broken
L		370		379		11	4D*4	[4G*4] c.f. CO ₂ bearing gyltes in A-51 w/ Hetchy 4K-like dol. patches but finely banded

Lithologic Log

Date: 13 Aug 82 Logged By: G AJ/DST

Code	From					To					Recov.	No.	Unit	Description
	10	14	16	20	22	24	26	28	30	34				
L	1379		1407									12	4A34	±* ; prob. orig. intact ; good exhal. facies
L	1407		1423									13	4K4	broken w/ 50% fine rubble w/ re-ground core but recy. gen. OK ; minor seeds of 4D4* ; fault lower 0.6M of unit as thin rubble zone.
L	1423		1427									14	5D4*	±9 = py S ₂ foliaform
L	1427		1430									15	4K4	resembles 4D4* carbonate-bearing grites ; (4E46) 50:50
L	1430		1432									16	5D4*	Fuchsite ; unmin
L	1432		1436									17	4E45	upper 1/2 = fine rubble
L	1436		1457									18	4K4	w/ coarse off-white dol. patches ; blen. but prob. orig. intact
L	1457		1467									19	4E4	±6 " " "
L	1467		1487									20	4A4	±3 good exhalature ; no gouge
L	1487		1490									21	OO*	(5D4*) vein w/ ZnS
L	1490		1495									22	4A9	⇒ 5A19 (5D4*) < 1 cm. thick tufts in center of unit
L	1495		1503									23	4E4	(5D4*, OO*) ; 40:50:10 ;
L	1503		1548									24	4A34	good exhal. w/ good 3 cm thick py. bands & dk. gy → blk. folia ; prob. intact orig.
L	1548		1560									25	3G4	(OO*) 70:30 ; derived from 3G0 slightly bleached ; m. blen. w/ fine rubble @ top
L	1560		1608									26	3G9	±9 unmineralized phyll ; m. dk. gy w/ dk. gy sections ; m. blen. w/ encypr endeter gouge @ 57.8 m. & @ 59.7 not signif. faults
L	1608		1645									27	3G6	±1±9 ; 6 = py & ZnS = 1/52 in gty. bands giving partial 4A appearance w/ 5% = 50% w/ sub = py + ZnS ; last 1m ZnS rich ; non-calc
L	1645		1674									28	3G9	(OO*) minor ; slightly bleached @ base unmineralized, non-calc., m. blen., bearing ugly etc. ; endeter gouge 46.2 = 3cm.
L	1674		1678									29	5D4*	(4L0) 50:50

Code	From		To		Recov.	No.	Unit	Description		
	10	14	16	20					22	24
L	678		704			30	369	±9 intact; boring		
L	704		751			31	369	gauge upper/lower indeterminate internal ⇒ S ₂ #; major fault ≈ 3M gauge rec'd over interval w/ most loss 71.9-73.4		
L	751		753			32	4C5	3% S ₂ w/ indeter gauge @ base = 5cm.		
L	753		765			33	5C4*	fuchsite, bkn, no gauge		
L	765		787			34	5D4*	minor " , m. bkn. " "		
L	787		809			35	5C4*	intact		
L	809		811			36	4L2	" ; upper contact = fault @ 45°/000		
L	811		826			37	4C5	(4C0) ⇒ m. gy folia ; to S ₂ = 5% py. w/ sub = ZnS ; m. bkn, no rec'd probes		
L	826		856			38	3G9	(4L0, 5D4*) ; all gauge ; upper indeter but ≈ 11S ₂ ; internal gauge locally steep ; lower contact indeter could be a steep fault @ 20° to c.a. or could also be shallow fault w/ internal drag — this hole's a drag!		
L	856		870			39	4L2	±1 cut by gauge @ 86.3-86.7 w/ both contact's indeter. — could be steep ; @ 86.0 fault = 45°/000		
L	870		875			40	5C4*	intact ; boring ; ugly ; infested w/ fuchsite		
L	875		908			41	4L2	±4±1 ; unsplit ; 3% S ₂ in dispersed bands 11S ₁ transp. into S ₂ — poss. stringers		
L	908		913			42	5C4*			
L	913		915			43	4L2	±1 1 as widely spaced gty-sulf(py) bands		
L	915		920			44	5C4*			
L	920		929			45	4L2	±1 " " " " " " " "		
L	929		940			46	5C4*	w/ local 5C* & "clastic" texture c.f. TSM "pyroclastic" ; intact		
L	940		955			47	4L2	±1 ± dogshit ± aardvark work ; less py than bore 4C 0.1M 5C* @ 94.8		
L	955		959			48	5C4*	⇒ 5D4*		
L	959		963			49	4L2	±1		

ECH

DDH F.A.G.U.170
 2 8

Cyprus Anvil Mining Corp.

Page 6 of 7

Structural Log

Date: 13 Aug 82 Logged By: GAT/DSJ

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
S				38												60	225		frac. clug.
S				93	CS2											88			
S				142	CS2											80			
S				174	CS2											82			
S				258	INDH											90			
S				500	INDP											70			or RS1
S				530	INDP											70			
S				560	INDP											60			
S				618	INDP											80			
S				665	INDP											70			
S				788	CS2											45			between 2 faults
S				867	INDP											80			⇒ CS2
S				922	INDH											90			CS2 ⇒ RS2
S				955	INDP											80	225		

DDH FAG0170
2 8

Cyprus Anvil Mining Corp.

Page _____ of _____

Structural Log

Date: _____ Logged By: _____

Code	From				To				Feature	Sym	S ₀		S ₁		S ₂		Description	
	10	14	16	20	22	24	26	28			32	34	38	40	44			
		30	2		32	8		RP										
		32	8		37	0		B ₁ R										
		40	7		41	7		B ₁ R										
		41	7		42	3		RF										
		43	2		43	4		R										
		54	8		56	0		2B ₁ R										
		56	0		57	8		2B ₁										
					57	8		G										
		57	8		59	7		2B ₁										
					59	7		G										
		59	7		66	2		2B ₁										
					66	2		G										
		66	2		67	4		2B ₁										
		70	4		75	1		G3F										
					75	3		G										
		75	3		78	7		B ₁										
					80	9		F	45	000								
		81	1		82	6		B ₁										
		82	6		85	6		G										Step?
		86	3		86	7		G										
					86	0		F	45	000								

1144

DIAMOND DRILL RECORD

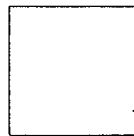
LOGGED BY _____

JIM PAXTON

D. D. H. No. 76-U-170 PAGE 1

PROPERTY GRUM JOINT VENTURE

HOLE SURVEY:		
DEPTH	BEARING	DIP
COLLAR	7° 35'	-88° 39'



CLAIM No. _____

DIRECTION AND DISTANCE FROM N.E. CLAIM POST

LATITUDE 11,021.845m N 5N STARTED SEPTEMBER 1, 1976

DEPARTURE 7,412.454m E 84W COMPLETED SEPTEMBER 10, 1976

 ELEVATION 1,099.860 PROPOSED DEPTH 525' - 160m
 ULTIMATE DEPTH - 96.3m

Interval		DESCRIPTION	Py	PZ	Recovery	Sample No	Interval		Sample Length	Assay					Assay x		
From	To						From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag
0	30.5	QUARTZ SULPHIDE (P).	10	3	1.0/1.5	048B	0	1.5	1.5	3.08	4.50	57.60			4.62	6.75	86.4
		Interlaminated quartz-pyrite and gray sericite plus	15	5	1.5/1.5	049B	1.5	3.0	1.5	2.53	4.30	49.37			3.80	6.45	74.60
		2-5cm. bands of massive sulphide. F banding trends	20	8	1.4/1.5	050B	3.0	4.6	1.6	5.60	7.77	83.66			7.2	12.43	133.86
		generally parallel to the core. F ₁ folded and sliced	20	5	1.5/1.5	051B	4.6	6.1	1.5	2.38	3.25	41.49			3.57	4.88	62.24
		by F ₂ @ 80-90°. Sulphides follow both F ₁ and F ₂ .	15	5	1.4/1.5	052B	6.1	7.6	1.5	2.60	4.90	56.57			3.90	7.35	84.86
			15	5	1.5/1.5	053B	7.6	9.1	1.5	2.03	3.85	40.46			3.05	5.78	60.69
			15	5	1.4/1.5	054B	9.1	10.7	1.6	1.30	1.43	22.29			2.08	2.29	35.66
			15	5	1.5/1.5	055B	10.7	12.2	1.5	1.20	1.50	18.17			1.8	2.25	27.26
30.5	32.5	SAND & MUD SEAM - FAULT.	15	5	1.5/1.5	056B	12.2	13.7	1.5	2.55	2.80	40.46			3.23	4.2	60.69
		Most of core lost.	15	5	1.3/1.5	057B	13.7	15.2	1.5	2.03	4.00	35.31			3.05	6.0	52.97
			10	5	/1.6	165B	15.2	16.8	1.6	1.38	3.00	23.31			2.21	4.80	37.30
32.5	33.5	BRECCIA (PxP).	10	5	/1.5	166B	16.8	18.3	1.5	1.65	3.75	30.17			2.48	5.63	45.26
			8	3	/1.5	167B	18.3	19.8	1.5	1.60	3.68	26.40			2.4	5.52	39.60
			5	2	/1.5	168B	19.8	21.3	1.5	0.43	0.95	6.17			1.38	PbZn	
			5	1	/1.6	169B	21.3	22.9	1.6	0.60	1.23	9.94			1.83	PbZn	

DDH: FAGU170 -- 42 DEGREE PROFILE

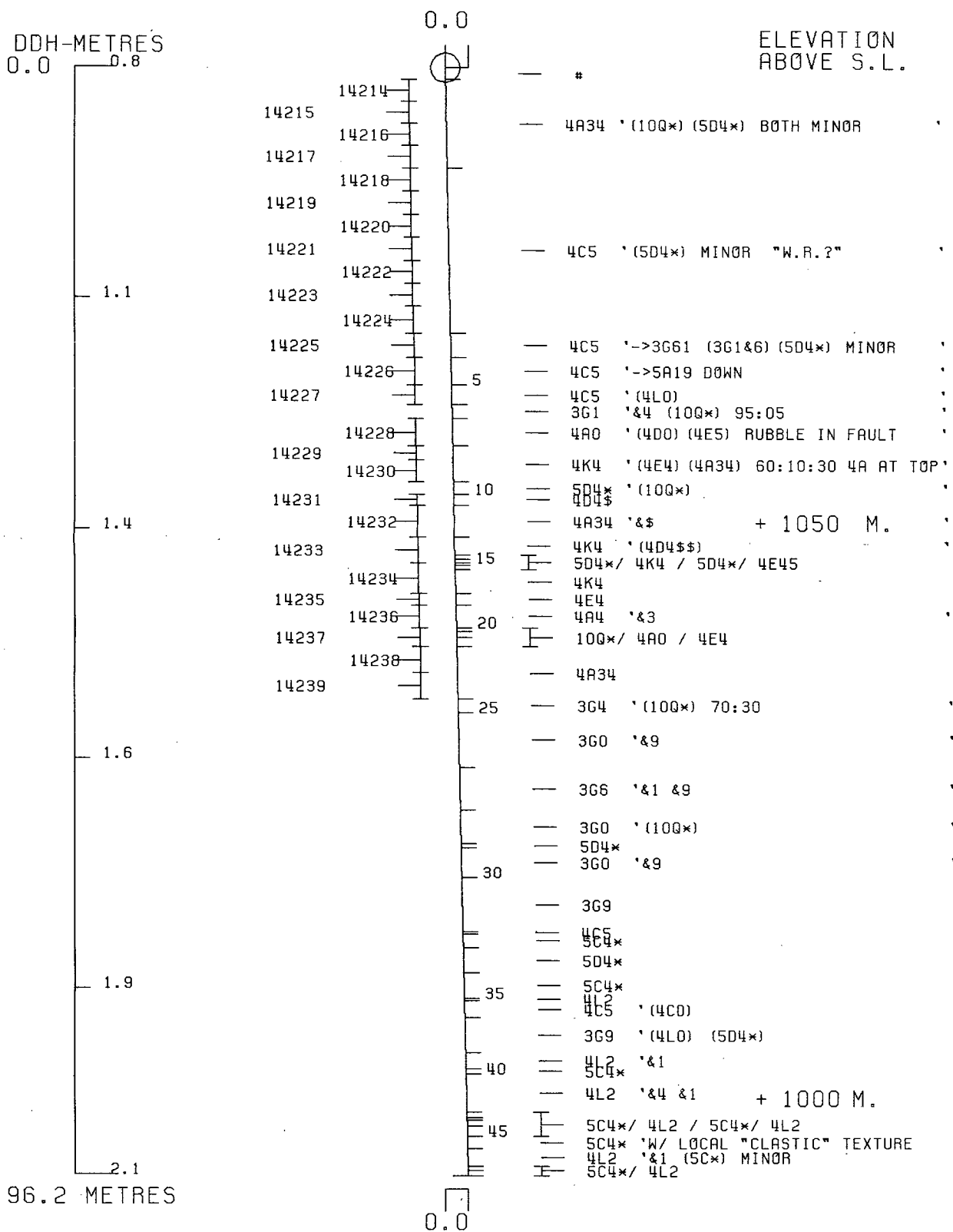
(VIEW AZIMUTH = 312 DEGREES)

ELEV:1089 592099E ; 905223N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 531.8 Z = 1089.4

SECTION NAME: 84W



DDH: FAGU170 -- 42 DEGREE PROFILE

(VIEW AZIMUTH = 312 DEGREES)

ELEV:1089 592099E ; 905223N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 531.8 Z = 1089.4

SECTION NAME: 84W

