

Grum  
61 W Surface

014990

FAGA 102

E4/1C/18

## GRUM DATABASE - QUIZ REPORT

PAGE 1

DDH	SAMPLE	---DEPTHS---		INT M	REC %	ROCK UNIT	S.G.	CU	PB	ZN	AG	AU	PO	PY	BAO	PB+ZN	PC+PY	ZN
		FROM	TO					%	%	%	G/MT	G/MT	%	%	%	%	%	%
FAGA1C2	9788	137.0	139.4	2.4	100	4AD	3.01	.04	1.40	2.10	23.0	.69	2.57	5.94		3.50	8.51	.60
	9789	139.4	140.5	1.1	100	4E4	4.23	.13	8.40	8.10	106.0	1.65	5.88	22.10		16.50	27.98	.49
	979C	140.5	142.0	1.5	100	4EC	4.14	.39	.96	1.25	25.0	1.30	2.20	33.30		2.21	35.50	.57

DCH	SAMPLE	RCCK UNIT	CPY	NORMATIVE MINERALS - WEIGHT %							*	CPY	NORMATIVE MINERALS - VOLUME %						
				GA	SP	PC	PY	BAR	OTHER	GA			SP	PC	PY	BAR	OTHER		
FAGA102	9788	4A0	.12	1.62	3.13	4.04	12.77			78.32	*	.08	.65	2.38	2.67	7.76			86.46
	9789	4E4	.38	9.70	12.08	9.25	47.53			21.07	*	.38	5.49	12.80	8.53	40.31			32.50
	9790	4E0	1.13	1.11	1.86	3.46	71.61			20.83	*	1.14	.63	1.98	3.20	60.87			32.19

DRILL HOLE : FAGA102  
NORTHING : 904,790.4  
EASTING : 592,612.2  
ELEVATION : 1,279.3  
TOTAL DEPTH : 183.4  
SECTION : W 62  
R.F.E. : S2  
RFE DIRECTION: 230  
PLUNGE ANGLE : 11  
PLUNGE DIRECT: 312  
DMD CALC: 1  
SS CALC: 1

## DETAIL RECORD COUNTS:

NOS CRE-SAMPLES: 3  
NOS DOWN-H-SURVEYS: 4  
NOS DOWN-H-LITHCLOGY: 47  
NOS DOWN-H-STRUCTURE: 19  
NOS DOWN-H-FAULTS: 17  
NOS DOWN-H-SPLINES: 4  
NOS COMPOSITES: 0

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## CRE SAMPLES &amp; ASSAYS (DH020)

PAGE: 51

DDH: FAGA102 UTM-N: 904,790.4 UTM-E: 592,612.2 UTM-ELEV: 1,279.3 TOTAL DEPTH: 183.4 SECTION: W 62  
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

---DEPTHS---		SAMPLE NO.	INT.	REC.	ROCK UNIT	S.G. PULP	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							
137.0	139.4	09788	2.4	2.4	4A0	3.01	.04	1.40	2.10	23.00		.69	2	5	8						
139.4	140.5	09789	1.1	1.1	4E4	4.23	.13	8.40	8.10	106.00		1.65	5	22	27						
140.5	142.0	09790	1.5	1.5	4E0	4.14	.39	.96	1.25	25.00		1.30	2	33	35						
WEIGHTED AVERAGE																					
137.0	142.0		5.0	5.0		3.61	.16	2.80	3.16	41.86		1.08	3	17	20						

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DOWN-HOLE SURVEYS (DHQ2C)

PAGE: 52

DDH: FAGA102 UTM-N: 904,790.4 UTM-E: 592,612.2 UTM-ELEV: 1,279.3 TOTAL DEPTH: 183.4 SECTION: W 62  
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
67.100	175.000	73.000
128.000	166.800	68.000
170.700	169.800	56.000

DDH: FAGA102 UTM-N: 904,790.4 UTM-E: 592,612.2 UTM-ELEV: 1,279.3 TOTAL DEPTH: 183.4 SECTION: W 62  
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
64.0	0001	#		0.5-	1
65.4	0002	4LC		0.5-	1
66.3	0003	503	[383]	0.5-	1
77.2	0004	382	[506]	0.5-	1
83.8	0005	4L2	(4L6)	0.5-	1
84.8	0006	382		0.5-	1
87.0	0007	586	[360]	0.5-	1
87.5	0008	4LC		0.5-	1
87.8	0009	504\$		0.5-	1
91.6	0010	4L2	87	0.5-	1
92.2	0011	383	[4L65]	0.5-	1
97.2	0012	4L2	(4L62)	0.5-	1
97.5	0013	383	[503]	0.5-	1
101.7	0014	4L0		0.5-	1
101.8	0015	4L0		0.5-	1
106.4	0016	586	[360]	0.5-	1
106.6	0017	586		0.5-	1
108.9	0018	586		0.5-	1
109.2	0019	503	[383]	0.5-	1
115.3	0020	586		0.5-	1
120.3	0021	4L72		0.5-	1
125.0	0022	586		0.5-	1
133.5	0023	5862	[369]	0.5-	1
133.9	0024	5862		0.5-	1
134.7	0025	586		0.5-	1
135.3	0026	586		0.5-	1
135.7	0027	586		0.5-	1
137.0	0028	4LC	(4L2)	0.5-	1
139.4	0029	4A0	(4C0) BXA	0.5-	1
140.5	0030	4E4		0.5-	1
142.0	0031	4E0	BXA	0.5-	1
142.2	0032	504a		0.5-	1
143.5	0033	5862		0.5-	1
145.3	0034	586		0.5-	1
146.1	0035	4LC		0.5-	1
146.3	0036	4LC		0.5-	1
148.9	0037	5C6	[3C2]	0.5-	1
149.4	0038	5C6		0.5-	1
150.6	0039	4LC		0.5-	1
150.9	0040	5862		0.5-	1
162.4	0041	586	[10] BIO GNT SCHIST	0.5-	1
163.0	0042	586		0.5-	1
163.3	0043	586		0.5-	1
163.7	0044	586		0.5-	1
172.3	0045	586	MCRE BIO STAUR.	0.5-	1
172.5	0046	586		0.5-	1
183.4	0047	586	GAR. STAUR. BIO. SCHIST	0.5-	1

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## DOWN-HOLE STRUCTURE (DH020)

PAGE: 54

DDH: FAGA102 UTM-N: 904,790.4 UTM-E: 592,612.2 UTM-ELEV: 1,279.3 TOTAL DEPTH: 183.4 SECTION: W 62  
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	SO	ANGLE	DIRECT	S1	ANGLE	DIRECT	S2	ANGLE	DIRECT	RFE	CDE	DHDC	SDC	PROCESS
FAGA102	0.0	65.4	CS2	Z		0	0	0	0		55	230	0		1	1	1	1
FAGA102	0.0	72.5	CS2	Z		0	0	0	0		60	230	0		1	1	1	1
FAGA102	0.0	79.4	CS2	Z		0	0	0	0		70	230	0		1	1	1	1
FAGA102	0.0	91.6	CS2	Z		0	0	0	0		60	230	0		1	1	1	1
FAGA102	0.0	95.7	CS2	Z		0	0	0	0		65	230	0		1	1	1	1
FAGA102	0.0	98.8	CS2	Z		0	0	0	0		80	230	0		1	1	1	1
FAGA102	0.0	107.0	CS2	Z		0	0	0	0		70	230	0		1	1	1	1
FAGA102	0.0	116.0	CS2	Z		0	0	0	0		70	230	0		1	1	1	1
FAGA102	0.0	122.5	CS2	Z		0	0	0	0		40	230	0		1	1	1	1
FAGA102	0.0	128.7	CS2	Z		0	0	0	0		70	230	0		1	1	1	1
FAGA102	0.0	135.6	CS2	Z		0	0	0	0		65	230	0		1	1	1	1
FAGA102	0.0	140.0	PS2	P		0	0	0	0		65	230	0		1	1	1	1
FAGA102	0.0	145.9	PS2	P		0	0	0	0		75	230	0		1	1	1	1
FAGA102	0.0	152.6	PS2	P		0	0	0	0		75	230	0		1	1	1	1
FAGA102	0.0	160.0	PS2	P		0	0	0	0		75	230	0		1	1	1	1
FAGA102	0.0	167.8	PS2	P		0	0	0	0		70	230	0		1	1	1	1
FAGA102	0.0	173.0	PS2	P		0	0	0	0		70	230	0		1	1	1	1
FAGA102	0.0	178.5	PS2	P		0	0	0	0		70	230	0		1	1	1	1
FAGA102	0.0	183.3	PS2	P		0	0	0	0		70	230	0		1	1	1	1

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## DOWN-HOLE FAULTS (DH020)

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DDH: FAGA102 UTM-N: 904,790.4 UTM-E: 592,612.2 UTM-ELEV: 1,279.3 TOTAL DEPTH: 183.4 SECTION: W 62  
 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
FAGA102	101.7	101.8	G				0	0	0	1
FAGA102	106.4	106.6	G				0	0	0	1
FAGA102	131.4	131.6	G				0	0	0	1
FAGA102	133.5	133.9	G				0	0	0	1
FAGA102	134.7	135.3	G				0	0	0	1
FAGA102	139.1	139.4	X?				0	0	0	1
FAGA102	140.5	142.0	D?				0	0	0	1
FAGA102	142.1	143.5	G				0	0	0	1
FAGA102	146.1	146.3	G				0	0	0	1
FAGA102	146.3	148.9	1G				0	0	0	1
FAGA102	148.9	149.4	G				0	0	0	1
FAGA102	149.4	150.6	1G				0	0	0	1
FAGA102	150.6	150.9	G				0	0	0	1
FAGA102	142.2	150.9	3F				0	0	0	1
FAGA102	162.4	163.0	G				0	0	0	1
FAGA102	163.3	163.7	G				0	0	0	1
FAGA102	172.3	172.5	G				99	999	65 270	1

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DOWN-HOLE SPLINES (DHO20)

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DDH: FAGA102 UTM-N: 904,790.4 UTM-E: 592,612.2 UTM-ELEV: 1,279.3 TOTAL DEPTH: 183.4 SECTION: W 62  
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH SEGMENT NOS COND INDICATOR

FAGA102	1	2
FAGA102	2	2
FAGA102	3	2
FAGA102	4	1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Page 1 of 6

Date: 20 AUG 81

Hole Number: FAGA 102

Reference Fabric Orientation Diagram:

Project: GRUM

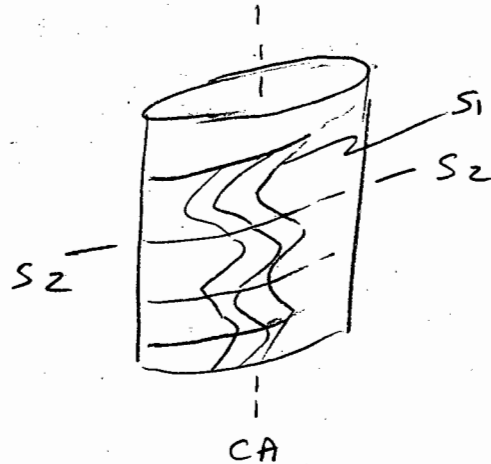
Location: SECT 62 W

Claim: GRUM

U.T.M.  
Ferr. Plane  
Co-ords.: 6904790.4 N

592612.2 E

Grid  
Co-ords: \_\_\_\_\_



1979 HEW  
Orthophoto Survey

Elevation: 1279.3M

All symmetry determinations looking

NW with S2 dipping

Total Depth: 183.4 m.

SW with dip azimuth 230.

Purpose: GRUM DEPOSIT SURFACE HOLE

Reason hole Terminated: \_\_\_\_\_

Logged by: DST + JGS

Date(s) Logged: 20 AUG 1981

Drilling Contractor: \_\_\_\_\_

Size	CORE From	To	Collar Cased and Capped: _____
<u>TRZ</u>	<u>0</u>	<u>64.0</u>	
<u>BQ</u>	<u>64.0</u>	<u>183.4</u>	

Hole Cemented: YES

Steel down hole: \_\_\_\_\_

Started: 2 AUG/75 Completed: 5 AUG/75



## Lithologic Log

Date: 20 AUG Logged By: DSJ JGS  
81

Core	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	1010	1614	0	100	101	* TRICONE O/B.
L	1614	1615	4		102	4L10
L	1615	1616	3		103	5D3 [3B3]
L	1616	1772			104	3B2 Men calc m.chl. phyl. SP6?
L	1772	1838			105	4L2 1090 77.2-77.7 (426) on 3B2
L	1838	1848			106	3B2
L	1848	1870			107	5B6 [3G0]
L	1870	1875			108	4L0
L	1875	1878			109	5D4* Dolomite.
L	1878	1916			110	4L2 (422/7)
L	1916	1922			111	3B3 [426/5]
L	1922	1972			112	4L2 (426/2)
L	1972	1975			113	3B3 [5D3]
L	1975	1101	7		114	4L0 QV stringer biof chl. seln neg. sulph.
L	1101	1101	8		115	4L0 F GAUGE NO ATTS.
L	1101	1106	4		116	5B6 [3G0]
L	1106	1106	6		117	5B6 F GAUGE [3G0] NIL ATT
L	1106	1108	9		118	5B6 [3G0]
L	1108	1109	2		119	5D3 [3B3]
L	1109	1115	3		120	5B6 [3G0]
L	1115	1120	3		121	4L7 2
L	1120	1125	0		122	5B6 [3G0]
L	1125	1133	5		123	5B6 2 [3G9] GAUGE 134-131.6. 11S2
L	1133	1133	9		124	5B6 2 [3G9] FAULT GAUGE INT ATT. ? 11S2.
L	1133	1134	7		125	5B6 [3G0]
L	1134	1135	3		126	5B6 [3G0] FAULT GAUGE NIL ATT.
L	1135	1135	7		127	5B6 [3G0]
L	1135	1137	0		128	4L0 (422)
L	1137	1139	4		129	4A0 139.1-139.4 4C0 BRECC.
L	1139	1140	5		130	4E4 20% Pb Zn
L	1140	1142	0		131	4E0 BRECCIA ANG Py. in Py.
L	1142	1142	2		132	5D4* ANK 2-5% FUSCH. 1421-142.2 G. FAULT
L	1142	1143	5		133	5B6 2 FAULT G.
L	1143	1145	3		134	5B6
L	1145	1146	1		135	4L0
L	1146	1146	5		136	4L0 FAULT GAUGE











# DIAMOND DRILL RECORD

LOGGED BY M. de Quadros

D.D.H. No. 75-A102 PAGE 2 of 3

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



CLAIM No. \_\_\_\_\_  
 DIRECTION AND DISTANCE FROM  
 NE. CLAIM POST

FOOTAGE		DESCRIPTION	Rec. Ft.	Sample No.	Footage		Sample Length	Assay					Assay x Feet			
FROM	TO				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag	
108.5	120.5	BLEACHED QUARTZ - SERICITE PHYLLITE Pale gray Bleached, mineralized. Similar to unit 77.4-101.6. F2 generally 70-80 with minor folds. Locally minor development of a third foliation (shear) 40 to C.A. Minor calcite - grossularite lenses. Silicified, competent. Minor pyrite and pyrrhotite up to 1% locally.	12.0/ 12.3		108.2	120.5										
120.5	127.7	QUARTZ - SERICITE PHYLLITE Light gray Banded, well foliated, very fissile. Somewhat altered. F2 changes abruptly from 70-80° above 120.5 to 45° throughout. Local folds -- many produce F2 up to 20° to C.A. Incompetent.	7.1/ 7.2		120.5	127.7										
127.7	139.3	FAULT ZONE Variable unit. Quartz - sericite phyllite. 127.7-134.7 -- broken, altered and sheared. F2 erratic due to brecciation and shear. Minor pyrite. -135.3 -- gouge. Buff with gray fragments. -137.1 -- bleached quartz-sericite phyllite. F2 70-80°. Minor pyrite. -139.3 -- mineralized. F2 60°. Brecciated in part. 10-15% pyrite, 5-6% lead-zinc. Graphitic.	6.8 7.0 0.5/ 0.8 1.8/ 1.8		127.7	134.7'										
139.3	142.0	MASSIVE SULPHIDES 139.3-140.3 -- 60-70% pyrite, 10-12% lead-zinc -142.0 -- 60% pyrite, 1% lead-zinc; breccia	1.0 1.7	2577 2588	139.3	140.3 142.0	1.0 1.7	10.18 1.23	9.58 1.58	3.44 0.74				10.18	9.58	3.44



# DDH: FAGA102 -- 42 DEGREE PROFILE

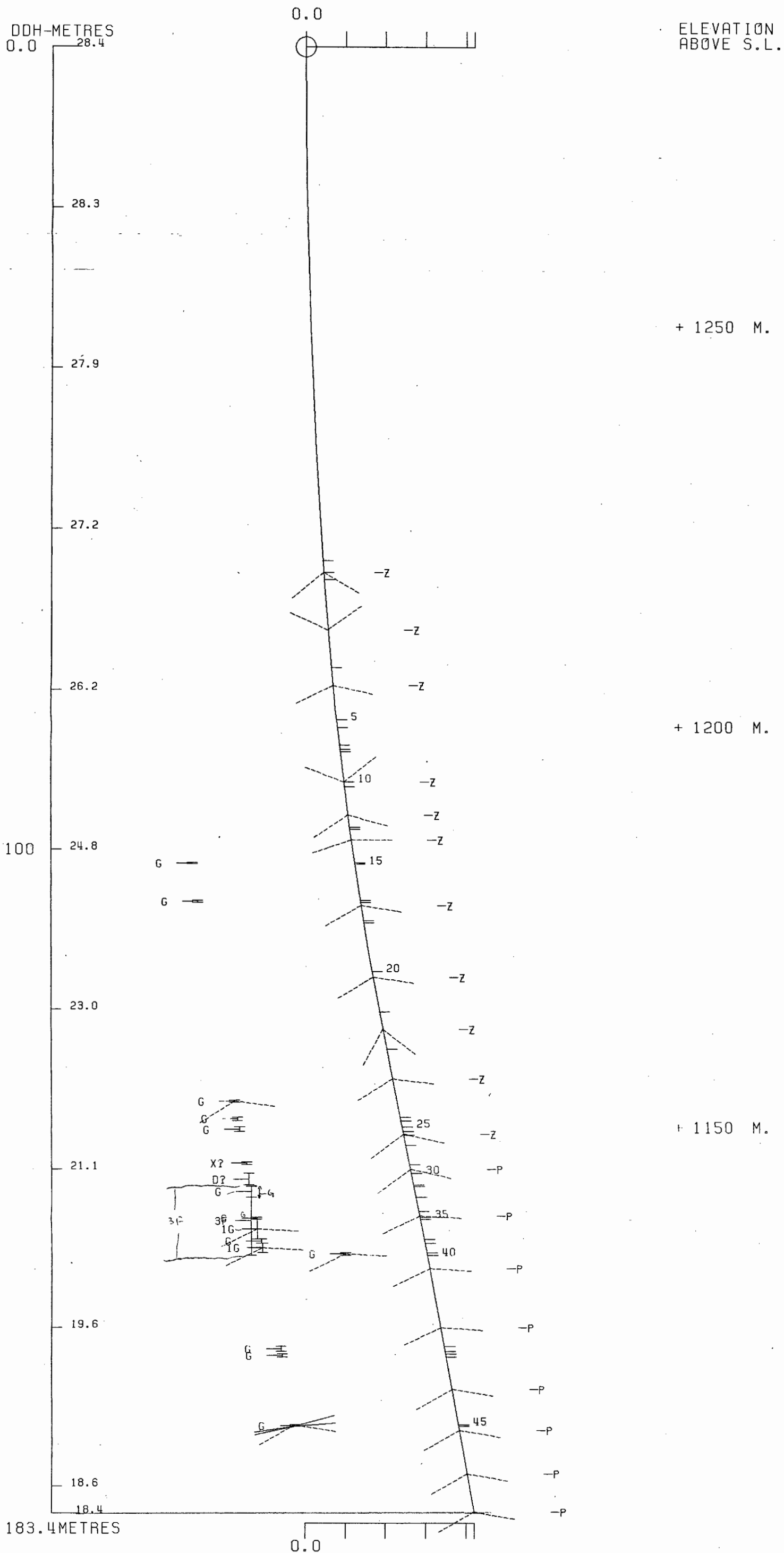
( VIEW AZIMUTH = 312 DEGREES )

ELEV: 1279      592612E ; 904790N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

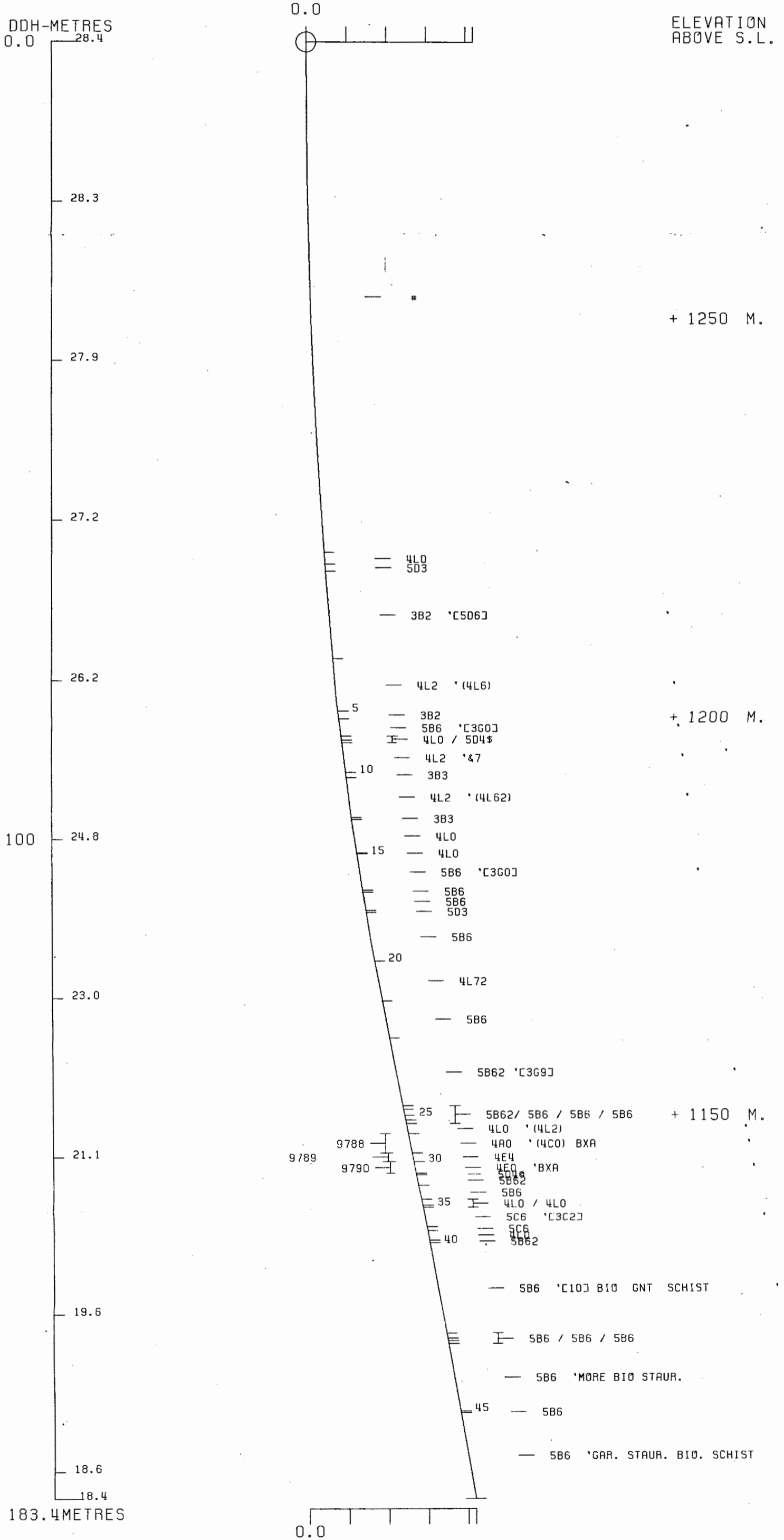
CORRECTED COLLAR POSITION: X = 556.3    Z = 1284.8

SECTION NAME: 61W



# DDH: FAGA102 -- 42 DEGREE PROFILE ( VIEW AZIMUTH = 312 DEGREES )

ELEV:1279      592612E ; 904790N  
 PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0  
 CORRECTED COLLAR POSITION: X = 556.3    Z = 1284.8  
 SECTION NAME: 61W



FAGA 122

DCH	SAMPLE	---DEPTHS---		INT M	REC %	ROCK UNIT	S.G.	CU %	PB %	ZN %	AG G/MT	AU G/MT	PO %	FY %	BAO %	PS+ZN %	PG+PY %	ZN RATIO
		FROM	TO															
FAGA122	7029	120.6	122.2	1.6	94	4G4	4.16	.09	4.30	8.90	74.0	.89	1.51	25.60		13.20	27.11	.67
	7030	122.2	123.0	.8	100	4DE	4.60	.22	5.90	7.60	133.0	.55	.98	28.42		13.50	29.40	.56
	7031	135.4	137.8	2.4	100	4A3		.10	.18	.36	12.0					.54		.67
	7032	137.8	140.3	2.5	100	4A3		.11	.70	1.12	16.0					1.82		.62
	7033	140.3	141.0	.7	100	4EC8		.29	.75	.70	27.0					1.45		.48
	7034	141.0	143.5	2.5	64	4A3		.12	.09	.16	9.0					.25		.64
	7035	143.5	146.0	2.5	56	4A3		.05	.15	.23	7.0					.38		.61
	7036	146.0	148.5	2.5	64	4A3		.08	.20	.19	10.0					.39		.49
	7037	148.5	150.0	1.5	100	4LC		.13	.19	.60	8.0					.79		.76
	7038	160.6	163.5	2.9	100	4A31		.05	.03	.03	4.0					.06		.50
	7039	163.5	166.4	2.9	52	4A31		.02	.04	.13	4.0					.17		.76
	7040	166.4	169.2	2.8	50	4A31		.01	.03	.02	4.0					.05		.40
	7041	169.2	172.0	2.8	86	4A31		.03	.01	.01	4.0					.02		.50
	7042	199.0	202.1	3.1	74	4A31		.06	.13	.12	6.0					.25		.48
	7043	202.1	203.0	.9	100	4G48	4.45	.11	4.60	5.50	73.0	.41	13.10	14.10		10.10	27.20	.54
	7044	203.0	203.5	.5	100	4A31	2.88	.09	.10	.07	5.0	.21	3.19	27.20		.17	30.39	.41
	7045	203.5	206.0	2.5	96	4EG8	4.02	.25	3.15	2.78	43.0	.96	7.81	26.60		5.93	34.41	.47
	7046	206.0	208.6	2.6	100	4CG8	4.33	.27	2.70	1.91	41.0	1.17	8.06	17.20		4.61	25.26	.41
	7047	208.6	211.2	2.6	100	4CG8	3.69	.27	2.62	2.02	37.0	1.65	7.64	18.40		4.64	26.04	.44
	7048	211.2	213.7	2.5	100	5B23	2.86	.03	.07	.03	3.0	.14	1.87	1.14		.10	3.01	.30
	7049	213.7	214.1	.4	100	4L23	3.02	.10	.55	.23	12.0	.62	3.04	3.34		.78	6.38	.29
	7050	214.1	216.4	2.3	100	4EG8	3.93	.14	2.02	1.94	38.0	1.10	7.04	23.20		3.96	30.24	.49
	7051	216.4	218.6	2.2	100	4EG8	4.45	.21	3.97	3.10	55.0	1.23	8.03	26.90		7.07	34.93	.44
	7052	218.6	220.8	2.2	100	4EG8	4.21	.17	1.68	1.35	33.0	1.65	8.51	22.90		3.03	31.41	.45
	7053	220.8	221.6	.8	62	5A1	2.91	.09	.30	.21	9.0	.55	2.29	3.50		.51	5.79	.41
	7054	221.6	222.1	.5	60	4EG4	4.40	.07	3.50	5.10	56.0	1.03	4.81	29.70		8.60	34.51	.59
	7055	222.1	222.6	.5	80	4B0	2.93	.15	1.85	6.90	43.0	1.23	1.49	3.02		8.75	4.51	.79

DC#	SAMPLE	ROCK UNIT	NORMATIVE MINERALS - WEIGHT %							*	NORMATIVE MINERALS - VOLUME %						
			CPY	GA	SP	PO	PY	BAR	OTHER		CPY	GA	SP	PO	PY	BAR	OTHER
FAGA122	7029	4G4	.26	4.97	13.27	2.37	55.05		24.08	*	.25	2.72	13.64	2.12	45.27		36.00
	7030	4GE	.64	6.81	11.33	1.54	61.12		18.56	*	.65	3.92	12.21	1.44	52.69		29.09
	7031	4A3	.29	.21	.54				98.97	*							
	7032	4A3	.32	.81	1.67				97.20	*							
	7033	4E08	.84	.87	1.04				97.25	*							
	7034	4A3	.35	.10	.24				99.31	*							
	7035	4A3	.14	.17	.34				99.34	*							
	7036	4A3	.23	.23	.28				99.25	*							
	7037	4LC	.38	.22	.89				98.51	*							
	7038	4A31	.14	.03	.04				99.78	*							
	7039	4A31	.06	.05	.19				99.70	*							
	7040	4A31	.03	.03	.03				99.91	*							
	7041	4A31	.09	.01	.01				99.89	*							
	7042	4A31	.17	.15	.18				99.50	*							
	7043	4G48	.32	5.31	8.20	20.60	30.32		35.25	*	.29	2.70	7.83	17.10	23.15		48.93
	7044	4A31	.26	.12	.10	5.02	58.49		36.01	*	.24	.06	.10	4.20	45.02		50.39
	7045	4EG8	.72	3.64	4.14	12.28	57.20		22.01	*	.72	2.04	4.35	11.22	48.06		33.62
	7046	4CG8	.78	3.12	2.85	12.68	36.99		43.59	*	.68	1.52	2.61	10.09	27.08		58.02
	7047	4CG8	.78	3.03	3.01	12.02	39.57		41.60	*	.69	1.49	2.79	9.68	29.32		56.04
	7048	5B23	.09	.08	.04	2.94	2.45		94.40	*	.06	.03	.03	1.80	1.38		96.70
	7049	4L23	.29	.64	.34	4.78	7.18		86.77	*	.20	.25	.25	3.03	4.19		92.08
	7050	4EG8	.40	2.33	2.89	11.07	49.89		33.41	*	.38	1.21	2.82	9.38	38.88		47.34
	7051	4EG8	.61	4.58	4.62	12.63	57.85		19.71	*	.62	2.61	4.94	11.74	49.46		30.64
	7052	4EG8	.49	1.94	2.01	13.38	49.25		32.93	*	.46	1.01	1.96	11.36	38.46		46.75
	7053	5A1	.26	.35	.31	3.60	7.53		87.95	*	.18	.13	.23	2.27	4.37		92.82
	7054	4EG4	.20	4.04	7.60	7.56	63.87		16.72	*	.21	2.34	8.27	7.15	55.57		26.45
	7055	4B0	.43	2.14	10.29	2.34	6.49		78.31	*	.31	.86	7.74	1.53	3.91		85.66

DRILL HOLE : FAGA122  
NORTHING : 904,655.0  
EASTING : 592,486.6  
ELEVATION : 1,270.2  
TOTAL DEPTH : 232.6  
SECTION : W 62  
R.F.E. : S2  
RFE DIRECTION: 230  
PLUNGE ANGLE : 11  
PLUNGE DIRECT: 312  
DHD CALC: 1  
SS CALC: 1

## DETAIL RECORD COUNTS:

NOS ORE-SAMPLES: 27  
NOS DOWN-H-SURVEYS: 5  
NOS DOWN-H-LITHCLOGY: 38  
NOS DOWN-H-STRUCTURE: 27  
NOS DOWN-H-FAULTS: 11  
NOS DOWN-H-SPLINES: 5  
NOS COMPOSITES: 0

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## ORE SAMPLES &amp; ASSAYS (DHO20)

PAGE: 16

DDH: FAGA122 UTM-N: 904,655.0 UTM-E: 592,486.6 UTM-ELEV: 1,270.2 TOTAL DEPTH: 232.6 SECTION: W 62  
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

---DEPTHS---		SAMPLE NO.	INT. REC.	ROCK UNIT	S.G. PULP	ASSAYS														
FROM	TO					CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
120.6	122.2	07029	1.6	1.5	4G4	4.16	.09	4.30	8.90	74.00		.89	1	25	27					
122.2	123.0	07030	.8	.8	4DE	4.60	.22	5.90	7.60	133.00	127.00	.55		28	29					
135.4	137.8	07031	2.4	2.4	4A3		.10	.18	.36	12.00										
137.8	140.3	07032	2.5	2.5	4A3		.11	.70	1.12	16.00										
140.3	141.0	07033	.7	.7	4E08		.29	.75	.70	27.00										
141.0	143.5	07034	2.5	1.6	4A3		.12	.09	.16	9.00										
143.5	146.0	07035	2.5	1.4	4A3		.05	.15	.23	7.00										
146.0	148.5	07036	2.5	1.6	4A3		.08	.20	.19	10.00										
148.5	150.0	07037	1.5	1.5	4LC		.13	.19	.60	8.00										
160.6	163.5	07038	2.9	2.9	4A31		.05	.03	.03	4.00										
163.5	166.4	07039	2.9	1.5	4A31		.02	.04	.13	4.00										
166.4	169.2	07040	2.8	1.4	4A31		.01	.03	.02	4.00										
169.2	172.0	07041	2.8	2.4	4A31		.03	.01	.01	4.00										
199.0	202.1	07042	3.1	2.3	4A31		.06	.13	.12	6.00										
202.1	203.0	07043	.9	.9	4G48	4.45	.11	4.60	5.50	73.00		.41	13	14	27					
203.0	203.5	07044	.5	.5	4A31	2.88	.09	.10	.07	5.00		.21	3	27	30					
203.5	206.0	07045	2.5	2.4	4EG8	4.02	.25	3.15	2.78	43.00		.96	7	26	34					
206.0	208.6	07046	2.6	2.6	4CG8	4.33	.27	2.70	1.91	41.00		1.17	8	17	25					
208.6	211.2	07047	2.6	2.6	4CG8	3.69	.27	2.62	2.02	37.00		1.65	7	18	26					
211.2	213.7	07048	2.5	2.5	5B23	2.86	.03	.07	.03	3.00		.14	1	1	3					
213.7	214.1	07049	.4	.4	4L23	3.02	.10	.55	.23	12.00		.62	3	3	6					
214.1	216.4	07050	2.3	2.3	4EG8	3.93	.14	2.02	1.94	38.00		1.10	7	23	30					
216.4	218.6	07051	2.2	2.2	4EG8	4.45	.21	3.97	3.10	55.00		1.23	8	26	34					
218.6	220.8	07052	2.2	2.2	4EG8	4.21	.17	1.68	1.35	33.00	32.00	1.65	8	22	31					
220.8	221.6	07053	.8	.5	5A1	2.91	.09	.30	.21	9.00		.55	2	3	5					
221.6	222.1	07054	.5	.3	4EG4	4.40	.07	3.50	5.10	56.00		1.03	4	29	34					
222.1	222.6	07055	.5	.4	4B0	2.93	.15	1.85	6.90	43.00		1.23	1	3	4					

## WEIGHTED AVERAGE

120.6	123.0	2.4	2.3	4.30	.13	4.83	8.46	93.66	42.33	.77	1	26	27
135.4	150.0	14.6	11.7		.10	.28	.44	11.28					
160.6	172.0	11.4	8.2		.02	.02	.04	4.00					
199.0	222.6	23.6	22.1	3.33	.16	1.97	1.82	31.65	2.98	.90	5	15	21

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DOWN-HOLE SURVEYS (DHO2C)

PAGE: 17

DDH: FAGA122 UTM-N: 904,655.0 UTM-E: 592,486.6 UTM-ELEV: 1,270.2 TOTAL DEPTH: 232.6 SECTION: W 62  
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1-SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
61.000	176.000	94.000
91.400	174.800	88.000
152.400	173.500	78.000
228.600	167.300	73.000

DOH: FAGA122 UTM-N: 904,655.0 UTM-E: 592,486.6 UTM-ELEV: 1,270.2 TOTAL DEPTH: 232.6 SECTION: W 62  
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
48.8	0C01	#		0.5-	1
54.6	0002	5B80		0.5-	1
56.1	0C03	5DC		0.5-	1
68.5	0C04	5B80		0.5-	1
71.0	0G05	5B80		0.5-	1
72.0	0C06	5A0		0.5-	1
73.7	0007	5CC		0.5-	1
115.3	0008	5B26	-> (5A0)	0.5-	1
120.6	0009	5A0		0.5-	1
122.2	0C10	4G4	(5D4*) (4CL BXA)	0.5-	1
123.0	0011	4CE	(4E4) MINOR	0.5-	1
124.4	0012	5A6		0.5-	1
134.7	0G13	5B80		0.5-	1
135.4	0C14	5B20		0.5-	1
140.3	0C15	4A3		0.5-	1
141.0	0C16	4EC8	1 (4A3) MINOR	0.5-	1
148.5	0C17	4A31		0.5-	1
150.0	0C18	4LC8	[4L12]	0.5-	1
159.4	0C19	5B20	?	0.5-	1
160.6	0C20	4LC	[5B4] (4C0) MINOR	0.5-	1
172.0	0C21	4A31	&7	0.5-	1
177.7	0G22	5AC		0.5-	1
178.6	0G23	5B26		0.5-	1
180.8	0024	4LC		0.5-	1
186.6	0C25	5A0		0.5-	1
199.0	0C26	4LC	(5A0) MINOR	0.5-	1
202.1	0027	4A31		0.5-	1
203.0	0C28	4G48	(4H3) AT T.O.I., E.O.I.	0.5-	1
203.5	0C29	4A1		0.5-	1
211.2	0C30	4E8	&# (4G4) (4L2) MINOR	0.5-	1
213.7	0031	5B20		0.5-	1
214.1	0C32	4L23		0.5-	1
220.8	0033	4E8	&# &7 (4G4)	0.5-	1
221.6	0C34	5B21	6	0.5-	1
222.1	0035	4E48	&# (4G4)	0.5-	1
222.6	0C36	4B9		0.5-	1
226.4	0037	4L2		0.5-	1
232.6	0C38	5A0	(5D4*)	0.5-	1

13FEB84 GRUM

## DOWN-HOLE STRUCTURE (DHO20)

PAGE: 19

DDH: FAGA122 UTM-N: 904,655.0 UTM-E: 592,486.6 UTM-ELEV: 1,270.2 TOTAL DEPTH: 232.6 SECTION: W 62  
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT SYMTRY	SO ANGLE DIRECT	S1 ANGLE DIRECT	S2 ANGLE DIRECT	RFE CDE	DHDC	SDC	PROCESS			
FAGA122	0.0	50.6	CS2	0	0	0	C	67	230	0	1	1	1
FAGA122	0.0	57.0	CS2	0	0	0	C	47	230	0	1	1	1
FAGA122	0.0	61.9	CS2	0	0	0	C	62	230	0	1	1	1
FAGA122	0.0	67.6	CS2	0	0	0	0	71	230	0	1	1	1
FAGA122	0.0	73.4	CS2	0	0	0	0	76	230	0	1	1	1
FAGA122	0.0	81.0	CS2	0	0	0	0	70	230	0	1	1	1
FAGA122	0.0	86.9	CS2	0	0	0	0	79	230	0	1	1	1
FAGA122	0.0	93.7	CS2	0	0	0	0	65	230	0	1	1	1
FAGA122	0.0	98.6	CS2	0	0	0	0	77	230	0	1	1	1
FAGA122	0.0	103.6	CS2	0	0	0	0	81	230	0	1	1	1
FAGA122	0.0	110.4	CS2	0	0	0	0	77	230	0	1	1	1
FAGA122	0.0	116.4	CS2	0	0	0	0	78	230	0	1	1	1
FAGA122	0.0	123.4	CS2	0	0	0	C	85	230	0	1	1	1
FAGA122	0.0	130.2	CS2	0	0	0	0	72	230	0	1	1	1
FAGA122	0.0	170.2	CS2	0	0	0	0	58	230	0	1	1	1
FAGA122	0.0	176.2	CS2	0	0	0	0	71	230	0	1	1	1
FAGA122	0.0	183.5	CS2	0	0	0	0	74	230	0	1	1	1
FAGA122	0.0	189.7	CS2	0	0	0	0	83	230	0	1	1	1
FAGA122	0.0	193.4	CS2	0	0	0	0	64	230	0	1	1	1
FAGA122	0.0	198.5	CS2	0	0	0	0	60	230	0	1	1	1
FAGA122	0.0	204.0	CS2	0	0	0	0	43	230	0	1	1	1
FAGA122	0.0	211.1	CS2	0	0	0	0	78	230	0	1	1	1
FAGA122	0.0	213.6	CS2	0	0	0	0	86	230	0	1	1	1
FAGA122	0.0	219.3	CS2	0	0	0	0	48	230	0	1	1	1
FAGA122	0.0	221.4	CS2	0	0	0	0	64	230	0	1	1	1
FAGA122	0.0	227.0	CS2	0	0	0	0	66	230	0	1	1	1
FAGA122	0.0	232.4	CS2	0	0	0	0	32	230	0	1	1	1

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DOWN-HOLE FAULTS (DH020)

PAGE: 20

DDH: FAGA122 UTM-N: 904,655.0 UTM-E: 592,486.6 UTM-ELEV: 1,270.2 TOTAL DEPTH: 232.6 SECTION: W 62  
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			
FAGA122	76.4	76.5	G		0	0	C	0	0	1	
FAGA122	120.6	121.0	X		0	0	0	0	0	1	
FAGA122	0.0	127.3	G		0	0	G	0	0	1	
FAGA122	156.4	156.6	X		0	0	C	0	0	1	
FAGA122	150.0	160.6	2B		0	0	G	C	0	0	1
FAGA122	163.9	164.0	G		0	0	G	0	0	0	1
FAGA122	172.0	175.0	3B		0	0	C	C	0	0	1
FAGA122	181.1	181.6	G		0	0	C	C	0	0	1
FAGA122	220.8	221.0	G		0	0	C	C	0	0	1
FAGA122	222.6	226.4	GF		0	0	C	C	0	0	1
FAGA122	226.4	232.6	GR		0	0	C	C	0	0	1

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DOWN-HOLE SPLINES (DH020)

PAGE: 21

DDH: FAGA122 UTM-N: 904,655.0 UTM-E: 592,486.6 UTM-ELEV: 1,270.2 TOTAL DEPTH: 232.6 SECTION: W 62  
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

ODH SEGMENT NOS CONO INDICATOR

FAGA122	1	2
FAGA122	2	2
FAGA122	3	2
FAGA122	4	2
FAGA122	5	1

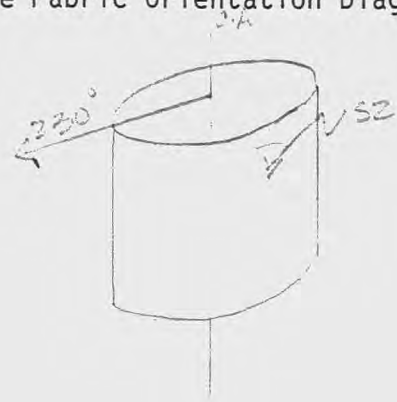
DIAMOND DRILL CORE LOG

Date: \_\_\_\_\_

Hole Number: FAG A122

Reference Fabric Orientation Diagram:

Project: GRUM RELOG



Location: VANGORDA PLATEAU

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

UTM ~~True~~ Plane Co-ords.: 6,904,655.0 N

592,486.6 E

Grid Co-ords: 62W / BL

1979  
1:20 on photo  
Survey

All symmetry determinations looking

Elevation: 1270.2

NW with SZ dipping

Total Depth: 232.6 m

SW with dip azimuth 230.

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

Reason hole Terminated: \_\_\_\_\_

RE  
Logged by: PN

Date(s) Logged: MARCH 10-11 / 81

Drilling Contractor: \_\_\_\_\_

Size	CORE From	To	Collar Cased and Capped: _____
<u>CASING</u>	<u>0</u>	<u>48.8 m</u>	
<u>RD</u>	<u>48.8</u>	<u>232.6 m</u>	

Hole Cemented: \_\_\_\_\_

Steel down le: \_\_\_\_\_

Started: SEPT. 13 / 75 Completed: SEPT. 18 / 75



Code	From		To		Recov.		No.		Unit		Description
	10	14	16	20	22	24	26	28	30	34	
L		00		488					0101	X	o/B tuoned
L		488		546					0102	5B853	; dk. green chl. bands alternating w/ calc. bands;
L		546		561					0003	5D31	
L		561		685					0004	5B853	; as unit 2;
L		685		710					0005	5B853	; talcy; pale green
L		710		720					0006	5A03	less siliceous towards EOL; minor py fracture fillings;
L		720		737					0007	5D31	as unit 3;
L		737		1153					0008	5B26	; minor py, ank. in fracture fillings; minor 5D0 74.2-74.5m; grading into 5A0 interbands; gouge 76.4-76.5m; variably calc; few qtz lenses; 5D46 115.2-115.3m;
L		1153		1206					0009	5A31	minor py assoc. w/ qtz-calc bands
L		1206		1222					0110	4G4	4cl breccia 120.6-121.0m; 5D4 w/ manoposite 121.0-121.3m; 10% PbZn; honey-coloured sph; 20% barite;
L		1222		1230					0111	4CE	w/ minor 4E4 bands
L		1230		1244					0112	5A61	ank.-py fracture fillings;
L		1244		1347					0113	5B23	minor gouge at 127.3m; banded; less chl towards EOL; incr. graphite <span style="float: right;">toward EOL</span>
L		1347		1354					0114	5B23	minor calc + q. fillings;
L		1354		1403					0115	4A31	minor PbZn; 25% py
L		1403		1410					0116	4E08	1 mt + minor barite 140.7-140.9m; small 4A3 band 140.5-140.6m;
L		1410		1485					0117	4A31	
L		1485		1500					0118	4LC	<2% PbZn; minor mt; interbanded w/ 4L3; 40% py; [4L12]
L		1500		1594					0119	5B23	bxia w/ qtz-calc. clasts in graph. groundmass 156.4-156.6m
L		1594		1606					020	4L0	[5B4] non-calc; minor py stringers <span style="float: right;">minor 4C0</span>
L		1606		1720					021	4A31	3cm. po band @ 163.2m; gouge 163.9-164.0m; [5A9+4A31]
L		1720		1777					022	5A3	variably calc;
L		1777		1786					023	5B26	minor py stringers

Code	From		To		Recov.		No.		Unit		Description	
	1	10	14	16	20	22	24	26	28	30		34
L	1786	1808						024	4L0		min py	
L	1808	1866						025	5A3		gouge 181.1 - 181.6 m.	
L	1866	1990						026	4L0		min py stringers; few narrow 5A0 interbands; min 0Q0;	
L	1990	2021						027	4A31		10% py	
L	2021	2030						028	4G48		10% PbZn <sup>min</sup> 4H3 at both ends of interval;	
L	2030	2035						029	4A31		5% py	
L	2035	2112						030	4EG8		3% conc. in min 4G4 bands; slightly calc; 4L2 203.9 - 204.1 m; 5B21 209.4 - 209.7 m; 4L2 211.0 - 211.2 m;	
L	2112	2137						031	5B23		slightly calc; graphite content decr. towards EOT;	
L	2137	2141						032	4L23			
L	2141	2208						033	4EG8		w/ 4G4 interbands (3% PbZn); 60% py; slightly calc; po bands 220.6 - 220.8 m; 4A0 219.0 - 219.3 m.	
L	2208	2216						034	5B21		6 gouge 220.8 - 221.0 m	
L	2216	2221						035	4EG48		4E48 w/ 4G4 interbands; slightly calc; 3% PbZn	
L	2221	2226						036	4B0		5% PbZn; < 2% cpy	
L	2226	2264						037	4L2		gouge, fault zone	
L	2264	2326						038	5A0		gouge w/ siliceous pebbles; orange-buff SD43 231.0 - 231.5 m; 232.3 - 232.6 m.	
											EOT	

DDH E.A.G.A.122  
2 8

Cyprus Anvil Mining Corp.

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Structural Log

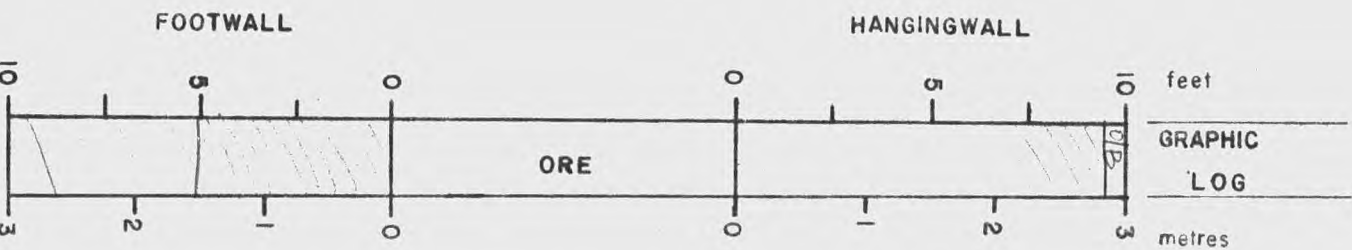
Date: \_\_\_\_\_ Logged By: AN

Code	From		To		Feature	E S	S <sub>0</sub>		S <sub>1</sub>		S <sub>2</sub>		Description
	10	14	16	20			Dip	Direct.	Dip	Direct.	Dip	Direct.	
	2	4	6	8	10	12	14	16	18	20	22	24	
S				506	CSZ							67	230
S				570	CSZ							4A	
S				619	CSZ							62	
S				676	CSZ							71	
S				734	CSZ							76	
S				810	CSZ							70	
S				869	CSZ							79	
S				937	CSZ							65	
S				986	CSZ							77	
S				1036	CSZ							81	
S				1104	CSZ							77	
S				1164	CSZ							78	
S				1234	CSZ							85	
S				1302	CSZ							72	
S				1346	CSZ							65	
S				1416	CSZ							55	
S				1516	CSZ							72	
S				1584	CSZ							64	
S				1637	CSZ							68	
S				1702	CSZ							58	
S				1762	CSZ							71	
S				1835	CSZ							74	
S				1897	CSZ							83	
S				1934	CSZ							64	
S				1985	CSZ							60	
S				2040	CSZ							43	
S				2111	CSZ							78	
S				2136	CSZ							86	
S				2193	CSZ							48	
S				2214	CSZ							64	
S				2270	CSZ							66	
S				2324	CSZ							32	
				EQH									



GEOTECHNICAL LOG

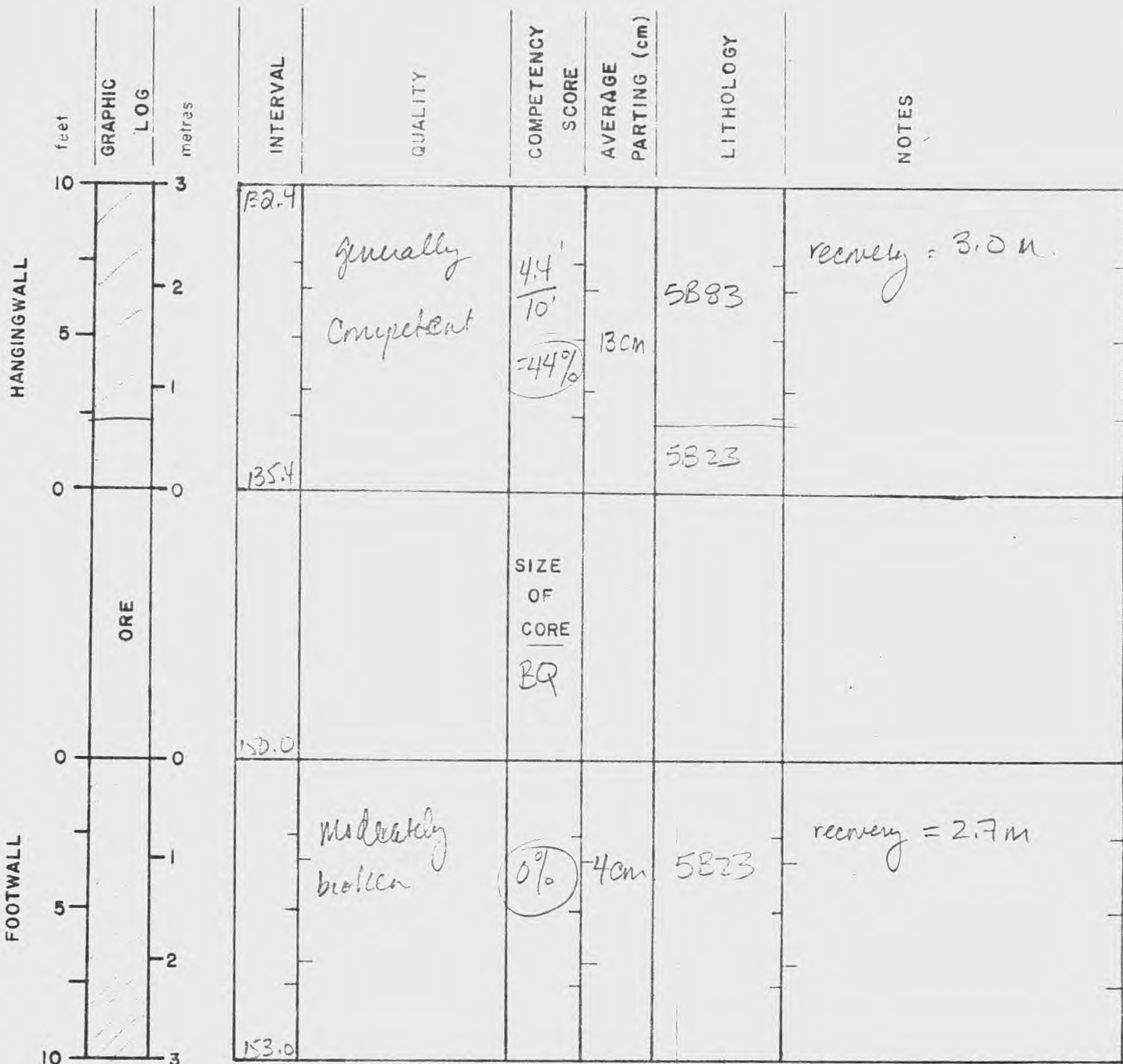
7/10



INTERVAL	QUALITY	COMPETENCY SCORE	AVERAGE PARTING (cm)	LITHOLOGY	NOTES
117.6 - 120.6	Moderately broken rock	$\frac{0}{10}$ = 0%	5 cm	5A3	Recovery = $\frac{2.3 \text{ m}}{3 \text{ m}}$
123.0 - 126.0	Moderately broken massive crystalline	$\frac{2.8'}{10'}$ = 28%	9 cm	5A6 5B93	Recovery = 2.8 m

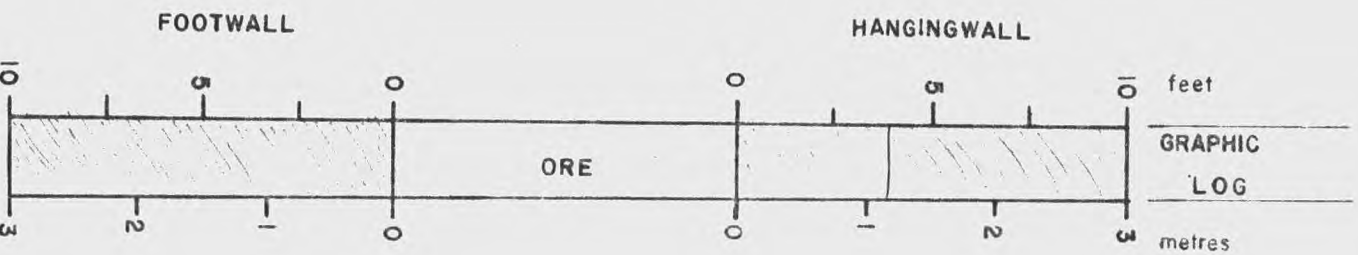
8/10

GEOTECHNICAL LOG



GEOTECHNICAL LOG

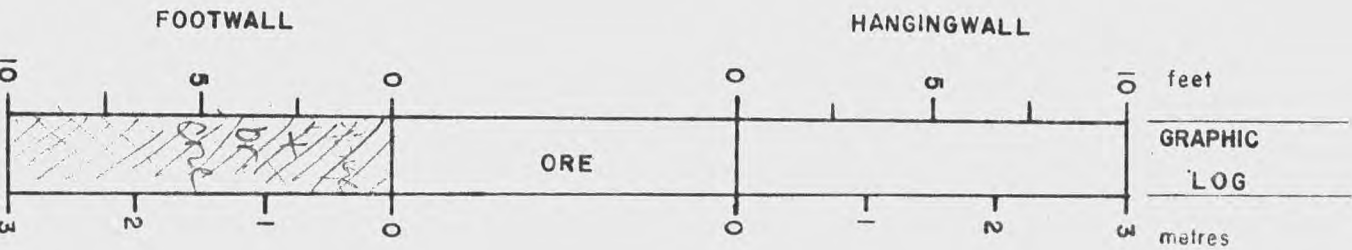
9/10



INTERVAL	QUALITY	COMPETENCY SCORE	AVERAGE PARTING (cm)	LITHOLOGY	NOTES
157.6	Moderately broken	0%	5cm	5B23 4L2 [584]	recovery = 2.1m
172.0		BQ			
175.0	badly broken	0%	3cm	5A3	recovery = 2.0m

GEOTECHNICAL LOG

15/10



INTERVAL	QUALITY	COMPETENCY SCORE	AVERAGE PARTING (cm)	LITHOLOGY	NOTES
196.0	moderately competent	21/10 31/15	7 cm	4LD + minor SAD + OPO	recovery = 3.0 m.
199.0		SIZE OF CORE BQ			
202.6	badly broken	0/6	< 1 cm	4L2	frag. + br. ore
205.4					







LOGGED BY

D.D.H. N<sup>o</sup> 75-A121

PAGE 3

Interval		DESCRIPTION	Recovery	Sample N <sup>o</sup>	Interval		Sample Length	Assay					Assay x			
From	To				From	To		Pb	Zn	Ag	Au	Cu	Pb	Zn	Ag	
74.5	115.2	F <sub>2</sub> C.A. 75° @ 75-80, 85-90° @ 80.3-81.5, 80-85° @ 82-83.2, 70° @ 83.5, 80-85° @ 84.6-86, 75° @ 87, 70° @ 88.3, 75-80° @ 88.5-90, 70° @ 90.3, 90° @ 90.5, 80° @ 91, 70° @ 91.6, 75° @ 92, 65° @ 93.3-94.4, 75-80° @ 95.2-97.3, 85° @ 97.5-98.2														
		91-101.5 <sup>m</sup> Less qtzo-fels, increase in sericite content. F <sub>1</sub> poor.														
		101.5-111 As above 91 <sup>m</sup> more competent but still parts readily. F <sub>1</sub> poor.														
		F <sub>2</sub> C.A. 75° @ 98.3-102, 85-90° @ 103-111.														
		111-115.2 Rock slightly altered; many quartz-fels lenses often with feldspar porphyry. Ankerite noticeable 40° shear @ 111 <sup>m</sup> and "intrusion" of tan carbonate? and sericite phyllite @ 115.2 F <sub>2</sub> C.A. 85° @ 112-113.5, 75-80° @ 113.6-115.														
115.2	120.6	QUARTZ-SERICITE-GRAPHITE PHYLLITE WITH PYRITE														
		Similar to phyllites of 74.5-115.2 <sup>m</sup> but mineralized with 3% Py. Also large F <sub>1</sub> folds. F <sub>2</sub> &F <sub>1</sub> mineralization No PbZn	2.5/3.1		115.2	118.3										
		F <sub>2</sub> C.A. 75-80° @ 115.4-118.3, 30° @ 118.4, 45° @ 119.3-119.8, 70° @ 119.9-120.5	.7/1.5 .7/.8			119.8 120.6										
120.6	121.3	SHEARED CONTACT: SULPH-TALC-SERICITE-FUSCHITE														
		120.6 <sup>m</sup> Welded contact @ 40° to core, 40° to F <sub>2</sub> 120.6-121.0 Folded (drag) sulphs, talc & sericite (bleached buff) -121.2 Banded massive sulph. with ankerite & quartz & fuschite. 121.3 Quartz & fuschite.	0.5	2384	120.6	121.3	0.7	1.48	1.14	.88			1.036	.798	.616	









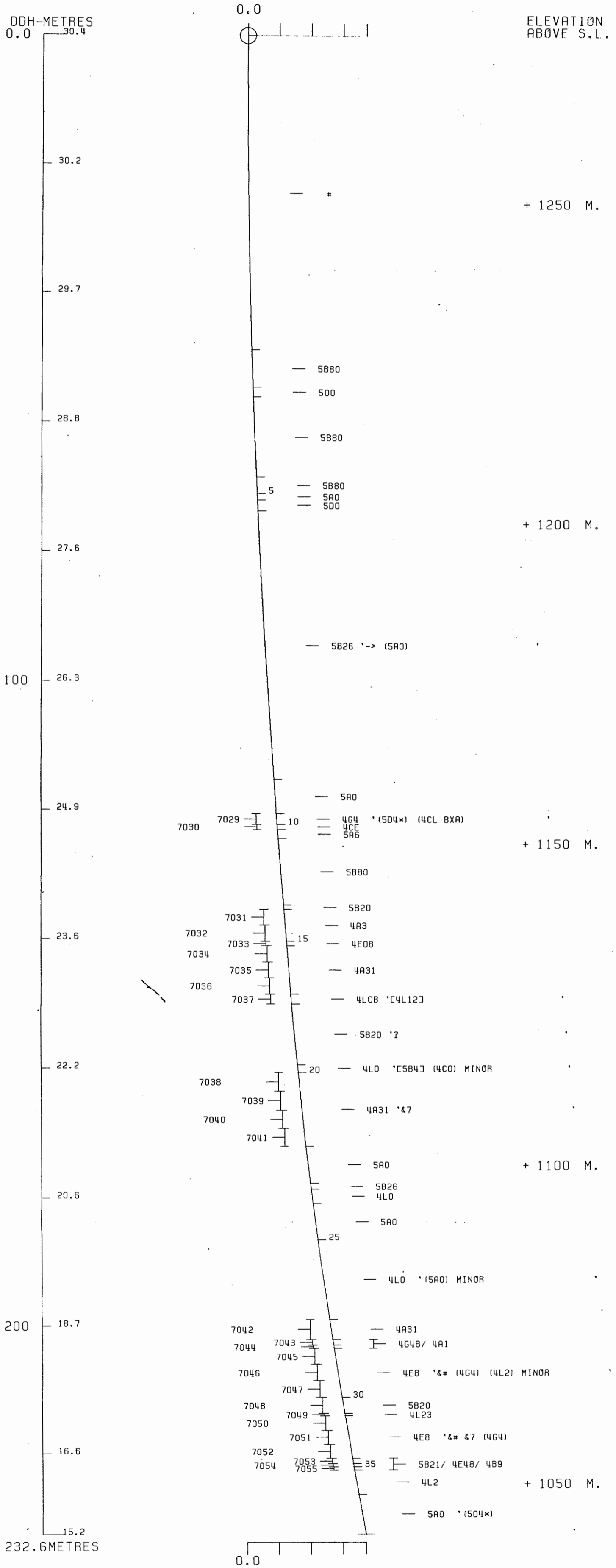






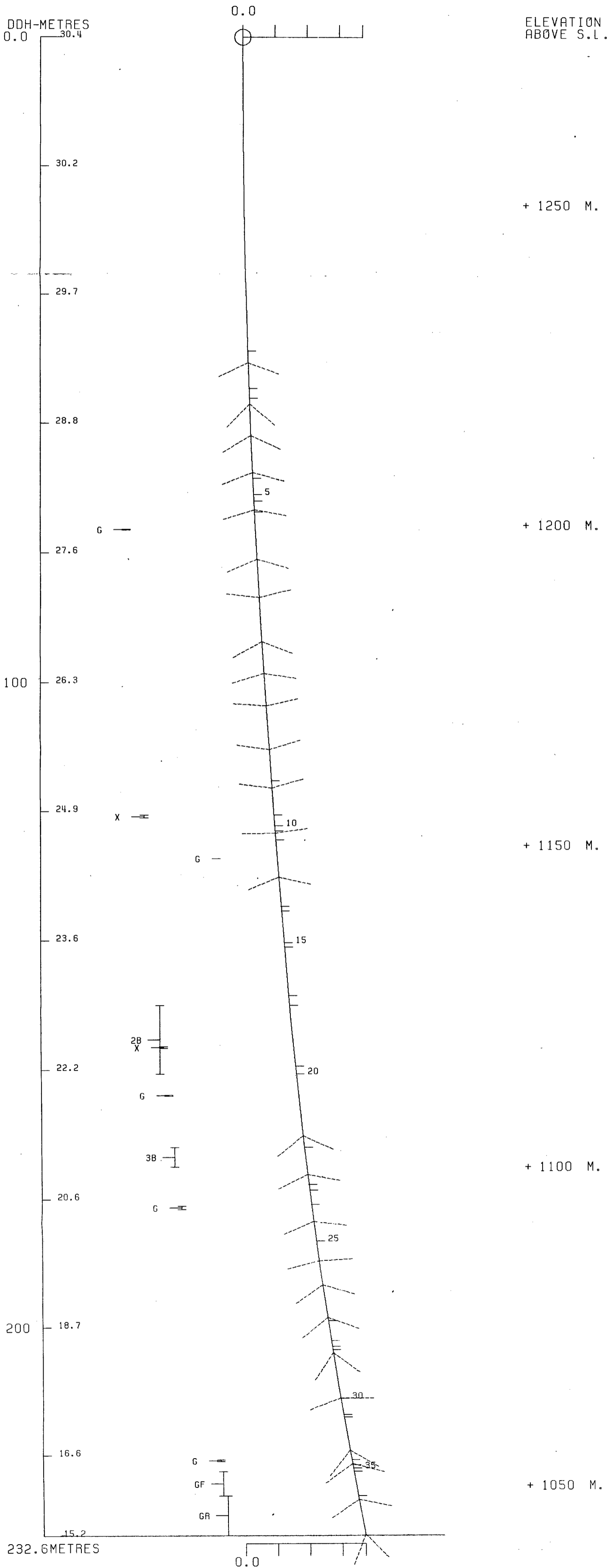
# DDH: FAGA122 -- 42 DEGREE PROFILE ( VIEW AZIMUTH = 312 DEGREES )

ELEV: 1270      592487E ; 904655N  
 PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0  
 CORRECTED COLLAR POSITION: X = 371.6 Z = 1276.1  
 SECTION NAME: 61W



DDH: FAGA122 -- 42 DEGREE PROFILE  
 ( VIEW AZIMUTH = 312 DEGREES )

ELEV: 1270      592487E ; 904655N  
 PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0  
 CORRECTED COLLAR POSITION: X = 371.6    Z = 1276.1  
 SECTION NAME: 61W



80 A201

DCH	SAMPLE	---DEPTHS---		INT M	REC %	ROCK UNIT	S.G.	CU %	PB %	ZN %	AG G/MT	AU G/MT	PO %	PY %	BAO %	PB+ZN %	PO+PY %	ZN RATIO
		FROM	TO															
FAGA2C1	5401	120.9	122.0	1.1	100	4G4	3.71	.07	4.15	6.50	72.0	.69				10.65		.61
	5402	130.9	131.9	1.0	100	4C3	3.49	.10	1.75	1.83	38.0	.41				3.58		.51
	5403	131.9	132.9	1.0	100	4C3	3.63	.25	.59	.43	20.0	.62				1.02		.42
	5404	132.9	134.4	1.5	40	4A0	2.80	.06	.04	.04	4.0	.14				.08		.50
	5405	134.4	135.9	1.5	47	4A0	2.92	.09	.04	.03	4.0	.34				.07		.43
	5406	135.9	137.4	1.5	80	4A0	2.89	.04	.01	.02	2.0	.21				.03		.67
	5407	137.4	138.9	1.5	93	4A0	2.86	.02	.04	.02	2.0	.07				.06		.33
	5408	138.9	140.4	1.5	93	4A0	2.88	.06	.05	.02	5.0	.21				.07		.29
	5409	140.4	141.9	1.5	93	4A0	2.82	.07	.16	.20	5.0	.55				.36		.56
	5410	141.9	143.0	1.1	91	4C37	3.57	.19	.94	.68	20.0	.14				1.62		.42
	5411	143.0	144.1	1.1	100	4C37	3.28	.17	.84	.45	19.0	.27				1.29		.35
	5412	146.3	147.8	1.5	100	4A0	2.86	.05	.01	.03	3.0	.07				.04		.75
	5413	147.8	149.3	1.5	100	4A0	2.86	.07	.07	.05	3.0	.14				.12		.42
	5414	149.3	150.8	1.5	93	4A0	2.92	.04	.05	.06	3.0					.11		.55
	5415	150.8	152.3	1.5	93	4A0	2.92	.04	.05	.04	2.0					.09		.44
	5416	152.3	153.7	1.4	100	4A0	2.96	.04	.23	.20	4.0					.43		.47
	5417	172.4	173.7	1.3	92	4C0	4.12	.37	1.71	1.36	31.0	1.37				3.07		.44
	5418	173.7	174.6	.9	100	4A3	2.87	.03	.02	.04	2.0	.07				.06		.67
	5419	186.0	187.1	1.1	100	4G4#	4.10	.19	5.03	4.87	80.0	.82	6.76	15.70		9.90	22.46	.49
	5420	187.1	188.2	1.1	100	4C83	3.44	.12	2.54	2.77	36.0	.41	8.17	15.00		5.31	23.17	.52
	5421	188.2	189.2	1.0	100	4E4#	3.70	.65	3.16	2.88	43.0	1.37	11.66	17.50		6.04	29.16	.48
	5422	189.2	190.1	.9	100	4E4#	3.54	.17	3.21	3.15	41.0	.48	6.06	15.00		6.36	21.06	.50
	5423	190.1	191.6	1.5	100	4C83	3.69	.24	1.68	1.09	39.0	.48	8.38	20.10		2.77	28.48	.39
	5424	191.6	193.1	1.5	100	4C83	4.25	.36	1.94	1.29	41.0	.75	11.56	24.60		3.23	36.16	.40
	5425	193.1	194.6	1.5	100	4C83	4.25	.29	1.56	1.02	35.0	1.03	8.76	26.80		2.58	35.56	.40
	5426	194.6	196.1	1.5	100	4D83	4.15	.22	3.48	2.90	67.0	.89	8.44	27.80		6.38	36.24	.45
	5427	196.1	197.6	1.5	87	4C83	3.58	.23	1.06	.69	21.0	.27	9.63	20.00		1.75	29.63	.39
	5428	197.6	199.1	1.5	93	4C83	3.71	.34	.74	.24	19.0	.55	10.24	20.60		.98	30.84	.24
	5429	199.1	200.6	1.5	100	4C83	4.17	.36	1.76	.95	33.0	.89	10.42	25.00		2.71	35.42	.35
	5430	200.6	202.1	1.5	93	4C83	4.15	.27	1.91	1.26	40.0	1.17	8.76	25.10		3.17	33.86	.40
	5431	202.1	203.1	1.0	100	4C83	3.93	.12	.61	.22	17.0	.48	10.94	22.50		.83	33.44	.27
	5432	203.1	204.0	.9	89	4C83	3.23	.08	.91	.44	16.0	.34	4.10	12.40		1.35	16.50	.33
	5433	204.0	205.2	1.2	92	4A0	2.87	.13	.49	.76	11.0	.34				1.25		.61
	5434	205.2	206.4	1.2	75	4A0	3.09	.15	.61	.42	13.0	.48				1.03		.41
	5435	206.4	207.6	1.2	92	4A0	2.99	.18	1.05	.64	17.0	.62				1.69		.38



DRILL HOLE : FAGA201  
NORTHING : 904,635.3  
EASTING : 592,512.1  
ELEVATION : 1,269.0  
TOTAL DEPTH : 243.2  
SECTION : W 61  
R.F.E. : S2  
RFE DIRECTION: 230  
PLUNGE ANGLE : 11  
PLUNGE DIRECT: 312  
DHD CALC: 1  
SS CALC: 1

## DETAIL RECORD COUNTS:

NOS GRE-SAMPLES: 35  
NOS DOWN-H-SURVEYS: 7  
NOS DOWN-H-LITHOLOGY: 32  
NOS DOWN-H-STRUCTURE: 47  
NOS DOWN-H-FAULTS: 24  
NOS DOWN-H-SPLINES: 7  
NOS COMPOSITES: 0

DDH: FAGA201 UTM-N: 904,635.3 UTM-E: 592,512.1 UTM-ELEV: 1,269.0 TOTAL DEPTH: 243.2 SECTION: W 61  
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

---DEPTHS---		SAMPLE NO.	INT.	REC.	ROCK UNIT	S.G. PULP	ASSAYS													S.G. W.R.	
FROM	TO						CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TCT FE	BAC %	HG %	MN %	AS %		BA %
120.9	122.0	05401	1.1	1.1	4G4	3.71	.07	4.15	6.50	72.00				.69							
130.9	131.9	05402	1.0	1.0	4C3	3.49	.10	1.75	1.83	38.00				.41							
131.9	132.9	05403	1.0	1.0	4C3	3.63	.25	.59	.43	20.00				.62							
132.9	134.4	05404	1.5	.6	4A0	2.80	.06	.04	.04	4.00				.14							
134.4	135.9	05405	1.5	.7	4A0	2.92	.09	.04	.03	4.00				.34							
135.9	137.4	05406	1.5	1.2	4A0	2.89	.04	.01	.02	2.00				.21							
137.4	138.9	05407	1.5	1.4	4A0	2.86	.02	.04	.02	2.00				.07							
138.9	140.4	05408	1.5	1.4	4A0	2.88	.06	.05	.02	5.00				.21							
140.4	141.9	05409	1.5	1.4	4A0	2.82	.07	.16	.20	5.00				.55							
141.9	143.0	05410	1.1	1.0	4C37	3.57	.19	.94	.68	20.00				.14							
143.0	144.1	05411	1.1	1.1	4C37	3.28	.17	.84	.45	19.00				.27							
146.3	147.8	05412	1.5	1.5	4A0	2.86	.05	.01	.03	3.00				.07							
147.8	149.3	05413	1.5	1.5	4A0	2.86	.07	.07	.05	3.00				.14							
149.3	150.8	05414	1.5	1.4	4A0	2.92	.04	.05	.06	3.00											
150.8	152.3	05415	1.5	1.4	4A0	2.92	.04	.05	.04	2.00											
152.3	153.7	05416	1.4	1.4	4A0	2.96	.04	.23	.20	4.00											
172.4	173.7	05417	1.3	1.2	4C0	4.12	.37	1.71	1.36	31.00				1.37							
173.7	174.6	05418	.9	.9	4A3	2.87	.03	.02	.04	2.00				.07							
186.0	187.1	05419	1.1	1.1	4G4#	4.10	.19	5.03	4.87	80.00				.82	6	15	22				
187.1	188.2	05420	1.1	1.1	4C83	3.44	.12	2.54	2.77	36.00				.41	8	15	23				
188.2	189.2	05421	1.0	1.0	4E4#	3.70	.65	3.16	2.88	43.00				1.37	11	17	29				
189.2	190.1	05422	.9	.9	4E4#	3.54	.17	3.21	3.15	41.00				.48	6	15	21				
190.1	191.6	05423	1.5	1.5	4C83	3.69	.24	1.68	1.09	39.00				.48	8	20	28				
191.6	193.1	05424	1.5	1.5	4C83	4.25	.36	1.94	1.29	41.00				.75	11	24	36				
193.1	194.6	05425	1.5	1.5	4C83	4.25	.29	1.56	1.02	35.00				1.03	8	26	35				
194.6	196.1	05426	1.5	1.5	4C83	4.15	.22	3.48	2.90	67.00	60.00			.89	8	27	36				
196.1	197.6	05427	1.5	1.3	4C83	3.58	.23	1.06	.69	21.00				.27	9	20	29				
197.6	199.1	05428	1.5	1.4	4C83	3.71	.34	.74	.24	19.00				.55	10	20	30				
199.1	200.6	05429	1.5	1.5	4C83	4.17	.36	1.76	.95	33.00				.59	10	25	35				
200.6	202.1	05430	1.5	1.4	4C83	4.15	.27	1.91	1.26	40.00				1.17	8	25	33				
202.1	203.1	05431	1.0	1.0	4C83	3.93	.12	.61	.22	17.00				.48	10	22	33				
203.1	204.0	05432	.9	.8	4C83	3.23	.08	.91	.44	16.00				.34	4	12	16				
204.0	205.2	05433	1.2	1.1	4A0	2.87	.13	.49	.76	11.00				.34							
205.2	206.4	05434	1.2	.9	4A0	3.09	.15	.61	.42	13.00				.48							
206.4	207.6	05435	1.2	1.1	4A0	2.99	.18	1.05	.64	17.00				.62							

WEIGHTED AVERAGE

120.9	122.0		1.1	1.1		3.71	.07	4.15	6.50	72.00				.69							
130.9	144.1		13.2	10.8		3.06	.09	.36	.30	10.14				.28							
146.3	153.7		7.4	7.2		2.90	.04	.08	.07	2.98				.04							
172.4	174.6		2.2	2.1		3.60	.23	1.01	.82	19.13				.83							
186.0	207.6		21.6	20.6		3.73	.24	1.83	1.43	33.82	4.16			.68	7	17	25				

DDH: FAGA201 UTM-N: 904,635.3 UTM-E: 592,512.1 UTM-ELEV: 1,269.0 TOTAL DEPTH: 243.2 SECTION: W 61  
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	130.000	0.000
83.200	179.000	213.000
113.700	177.800	251.000
144.200	177.200	130.000
174.600	174.500	105.000
205.100	173.900	98.000
235.600	173.800	63.000

DDH: FAGA201 UTM-N: 904,635.3 UTM-E: 592,512.1 UTM-ELEV: 1,269.0 TOTAL DEPTH: 243.2 SECTION: W 61  
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
51.0	OCC1	A		0.5-	1
65.2	OCC2	5DC		0.5-	1
111.6	OG03	5B62	(5A0)	0.5-	1
120.9	OCC4	5AC		0.5-	1
122.0	OCC5	4G4	(4L1) (5C4*) MINOR	0.5-	1
127.2	OCC6	5B26		0.5-	1
130.9	OCC7	5B6	(4L0) MINCR PY + PO STRINGERS	0.5-	1
132.9	OCC8	4C3	8# 88 BOTH MINOR	0.5-	1
141.9	0009	4AC	(4L1) MINOR	0.5-	1
144.1	0010	4C37	8# (4A0) (5D4*) BOTH MINCR	0.5-	1
145.8	0011	5A16		0.5-	1
146.3	OC12	4LC		0.5-	1
153.7	OC13	4AC	(4L) MINOR	0.5-	1
158.2	OC14	5B20	(4L0) (4C7) MINOR	0.5-	1
159.0	OG15	10G0		0.5-	1
159.5	OC16	4L0		0.5-	1
164.7	OG17	5A0		0.5-	1
171.7	OC18	4LC		0.5-	1
172.4	OC19	5AG		0.5-	1
173.7	OG20	4C3	87 89 88 ALL MINOR	0.5-	1
174.6	0021	4A0	8# MINOR	0.5-	1
186.0	OG22	4L0		0.5-	1
187.1	OC23	4G4#	BXA	0.5-	1
188.2	OC24	4C83		0.5-	1
190.1	OG25	4E4#	(4A3)	0.5-	1
204.0	OG26	4C83	8# (4G4) (4L0) BOTH MINOR	0.5-	1
207.6	0027	4AC		0.5-	1
209.8	0028	5A0		0.5-	1
216.7	OG29	5AC	(5B2)	0.5-	1
220.2	OC30	3B3	BIO [3F8?]	0.5-	1
238.8	OC31	3G0	BIO GAR. AND.	0.5-	1
243.2	OC32	3F8?	BIO [3B3?]	0.5-	1

DDH: FAGA201 UTM-N: 904,635.3 UTM-E: 592,512.1 UTM-ELEV: 1,269.0 TOTAL DEPTH: 243.2 SECTION: W 61  
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYTRY	SO	ANGLE	DIRECT	S1	ANGLE	DIRECT	S2	ANGLE	DIRECT	RFE	COE	DHDC	SOC	PROCESS
FAGA201	0.0	53.3	CS2			0	0	0	0	0	64	230	0			1	1	1
FAGA201	0.0	59.6	CS2			0	0	0	0	0	66	230	0			1	1	1
FAGA201	51.0	60.7	CS2	S		0	0	0	0	0	0	0	0	C		1	1	1
FAGA201	60.7	65.2	CS2	E		0	0	0	0	0	0	0	0	C		1	1	1
FAGA201	0.0	67.2	PS2			0	0	0	0	0	59	230	0	C		1	1	1
FAGA201	65.2	68.8	PS2	P		0	0	0	0	0	0	0	0	C		1	1	1
FAGA201	0.0	72.7	CS2			0	0	0	0	0	78	230	0	C		1	1	1
FAGA201	0.0	78.5	CS2			0	0	0	0	0	85	230	0	C		1	1	1
FAGA201	0.0	85.1	CS2			0	0	0	0	0	76	230	0	C		1	1	1
FAGA201	68.8	85.1	CS2	Z		0	0	0	0	0	0	0	0	C		1	1	1
FAGA201	0.0	90.1	CS2			0	0	0	0	0	81	230	0	C		1	1	1
FAGA201	0.0	95.4	CS2			0	0	0	0	0	80	230	0	C		1	1	1
FAGA201	0.0	99.4	CS2			0	0	0	0	0	75	230	0	C		1	1	1
FAGA201	0.0	104.5	CS2			0	0	0	0	0	77	230	0	C		1	1	1
FAGA201	85.1	105.3	CS2	S		0	0	0	0	0	0	0	0	C		1	1	1
FAGA201	0.0	110.0	PS2			0	0	0	0	0	75	230	0	C		1	1	1
FAGA201	105.3	110.5	PS2	P		0	0	0	0	0	0	0	0	C		1	1	1
FAGA201	0.0	116.7	CS2			0	0	0	0	0	72	230	0	C		1	1	1
FAGA201	110.5	120.9	CS2	M		0	0	0	0	0	0	0	0	C		1	1	1
FAGA201	0.0	123.8	PS2			0	0	0	0	0	58	230	0	C		1	1	1
FAGA201	0.0	128.1	PS2			0	0	0	0	0	38	230	0	C		1	1	1
FAGA201	120.9	132.9	PS2	P		0	0	0	0	0	0	0	0	C		1	1	1
FAGA201	0.0	136.9	CS2			0	0	0	0	0	53	230	0	C		1	1	1
FAGA201	0.0	141.2	CS2			0	0	0	0	0	55	230	0	C		1	1	1
FAGA201	132.9	141.9	CS2	E		0	0	0	0	0	0	0	0	C		1	1	1
FAGA201	141.9	146.3	PS2	P		0	0	0	0	0	0	0	0	C		1	1	1
FAGA201	0.0	151.1	CS2			0	0	0	0	0	49	230	0	C		1	1	1
FAGA201	0.0	157.6	CS2			0	0	0	0	0	75	230	0	C		1	1	1
FAGA201	0.0	163.5	CS2			0	0	0	0	0	60	230	0	C		1	1	1
FAGA201	146.3	167.2	CS2	S		0	0	0	0	0	0	0	0	C		1	1	1
FAGA201	0.0	168.7	CS2			0	0	0	0	0	48	230	0	C		1	1	1
FAGA201	0.0	171.7	CS2			0	0	0	0	0	43	230	0	C		1	1	1
FAGA201	167.2	172.4	CS2	Z		0	0	0	0	0	0	0	0	C		1	1	1
FAGA201	172.4	173.7	PS2	P		0	0	0	0	0	0	0	0	C		1	1	1
FAGA201	0.0	178.3	CS2			0	0	0	0	0	56	230	0	C		1	1	1
FAGA201	0.0	183.8	CS2			0	0	0	0	0	44	230	0	C		1	1	1
FAGA201	173.7	186.0	CS2	S		0	0	0	0	0	0	0	0	C		1	1	1
FAGA201	0.0	188.1	PS2			0	0	0	0	0	37	230	0	C		1	1	1
FAGA201	0.0	194.2	PS2			0	0	0	0	0	71	230	0	C		1	1	1
FAGA201	0.0	201.0	PS2			0	0	0	0	0	52	230	0	C		1	1	1
FAGA201	0.0	206.5	PS2			0	0	0	0	0	60	230	0	C		1	1	1
FAGA201	0.0	216.4	PS2			0	0	0	0	0	80	230	0	C		1	1	1
FAGA201	0.0	222.8	PS2			0	0	0	0	0	70	230	0	C		1	1	1
FAGA201	0.0	228.5	PS2			0	0	0	0	0	46	230	0	C		1	1	1
FAGA201	0.0	234.6	PS2			0	0	0	0	0	50	230	0	C		1	1	1
FAGA201	0.0	239.0	PS2			0	0	0	0	0	66	230	0	C		1	1	1
FAGA201	186.0	243.2	PS2	P		0	0	0	0	0	0	0	0	C		1	1	1

DDH: FAGA201 UTM-N: 904,635.3 UTM-E: 592,512.1 UTM-ELEV: 1,269.0 TOTAL DEPTH: 243.2 SECTION: W 61  
 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			
FAGA201	51.0	51.7	GB		0	0	C	C	0	0	1
FAGA201	64.5	64.7	G		0	0	C	C	0	0	1
FAGA201	64.8	64.9	G		0	0	C	C	0	0	1
FAGA201	65.2	65.3	G		0	0	C	C	0	0	1
FAGA201	85.5	85.8	G		0	0	C	C	0	0	1
FAGA201	101.3	101.4	X		0	0	C	C	0	0	1
FAGA201	130.6	130.8	D?		0	0	C	C	0	0	1
FAGA201	141.9	144.1	D		0	0	C	C	0	0	1
FAGA201	148.7	148.8	X?		0	0	C	C	0	0	1
FAGA201	153.2	153.4	X1G		0	0	C	C	0	0	1
FAGA201	153.7	153.8	G		0	0	C	C	0	0	1
FAGA201	165.3	166.4	G		0	0	C	C	0	0	1
FAGA201	179.8	180.4	G		0	0	C	C	0	0	1
FAGA201	180.6	180.7	G		0	0	C	C	0	0	1
FAGA201	181.0	181.3	G		0	0	C	C	0	0	1
FAGA201	185.1	185.9	G		0	0	C	C	0	0	1
FAGA201	186.0	187.4	D		0	0	C	C	0	0	1
FAGA201	187.9	188.1	O		0	0	C	C	0	0	1
FAGA201	189.8	191.8	D		0	0	C	C	0	0	1
FAGA201	196.2	196.6	S		0	0	C	C	0	0	1
FAGA201	202.5	203.3	D		0	0	C	C	0	0	1
FAGA201	203.3	204.0	G		0	0	C	C	0	0	1
FAGA201	204.0	207.6	B		0	0	C	C	0	0	1
FAGA201	207.6	209.8	GF		0	0	C	C	0	0	1

20MAR84 GRUM

DOWN-HOLE SPLINES (DH020)

PAGE: 7

DDH: FAGA201 UTM-N: 904,635.3 UTM-E: 592,512.1 UTM-ELEV: 1,269.0 TOTAL DEPTH: 243.2 SECTION: W 61  
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH SEGMENT NOS CCND INDICATOR

FAGA201	1	2
FAGA201	2	2
FAGA201	3	2
FAGA201	4	2
FAGA201	5	2
FAGA201	6	2
FAGA201	7	1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 80-A-201

Project: GRUM

Location: VANGORDA PLATEAU

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

~~UTM~~ Terr. Plane Co-ords.: 6904635.283 N

CAMC Mine Survey Grid Co-ords.: 592512.115 E

Grid Co-ords.: 61W/BL

Elevation: 1268.979m

Total Depth: 243.2m

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

Logged by: PN

Date(s) Logged: SEPT. 17, 18, 21 / 80

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

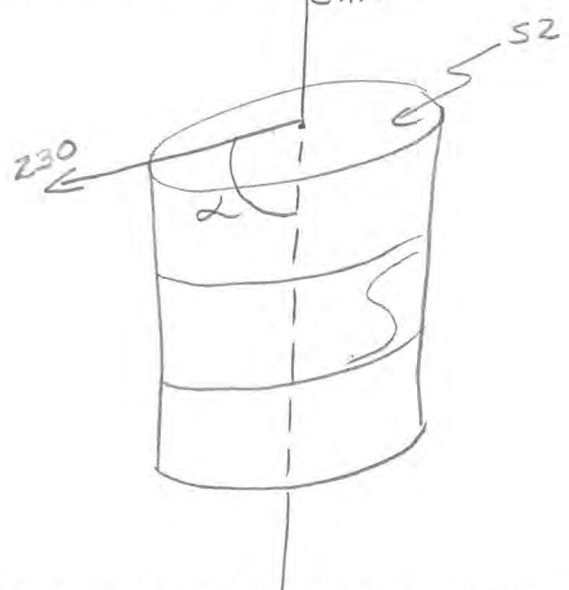
NQ 0 E0H

\_\_\_\_\_

\_\_\_\_\_

Started: \_\_\_\_\_ Completed: \_\_\_\_\_

Fabric Orientation Diagram:



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



Lithologic Log

Code	From	To	Unit	Code	Description
	10 14 16 20 22 23 25 27				
L	100	1510	11		o/B triconed
L	510	652	25	D10	gouge & broken rock 51.0-51.7 m; gouge 64.5-64.7, 64.8-64.9 m;
L	652	11116	35	BA	gouge 65.2-65.3 m; 5B26 interbanded w/ 5A0; min. py; gouge 85.5-85.8 m; brecciated 101.3-101.4 w/ subangular phyllite clasts in qtz-calc. matrix; few 5D0 interbands from 111.2-111.5 m;
L	11116	11209	14	5A10	min. py, po blebs;
L	11209	11220	15	4G14	4L1 w/ PbZn bands + py blebs (3% PbZn) 120.9-121.0 m; mottled 5D0 121.0-121.4 m; 15% PbZn; honey-coloured sph; 4C0 121.9-122.0 m (<3% PbZn);
L	11220	11272	16	5B12	6; few min. PbZn bands at TOI; calcareous tension gash fillings;
L	11272	11309	17	5B16	w/ 4L0 interbands; 5A6 w/ minor py & po stringers 129.0-129.2 m; 4A37 130.6-130.9 m (<5% PbZn); breccia 130.6-130.8 m w/ graphitic clasts in py-po sulph. matrix;
L	11309	11329	18	4D14	5% PbZn; minor <sup>boudinaged</sup> selenitic layers; slightly calcareous; few mt blebs; 4C0 130.9-131.0, 132.3-132.9 m. w/ qtz-calc. lenses;
L	11329	11419	19	4A13	4L1 136.9-137.6 m; minor po blebs;
L	11419	11441	10	4C10	7; brecciated qtz-calc. bands in sulph. matrix; 4A0 142.4-142.6, 142.8-142.9, 143.1-143.3 m; 4L0 w/ monosite (?) 142.1-142.2, 142.9-143.0 m;
L	11441	11458	11	5A11	6 w/ minor py;
L	11458	11463	12	4L10	w/ minor py;
L	11463	11537	13	4A13	w/ few 4L interbands; brecciated 148.7-148.8, 153.2-153.4 m (minor gouge);
L	11537	11582	14	5B2	gouge 153.7-153.8 m; calcareous; 4L0 153.7-154.1 m; 4C7 154.1-154.2 m;
L	11582	11590	15	0Q10	
L	11590	11595	16	4L10	minor PbZn, py;
L	11595	11647	17	5A10	min. py stringers;
L	11647	11717	18	4L10	gouge 165.3-166.4 m; 0Q0 170.7-171.4 m; min. py stringers;

Lithologic Log

Code	From		To		Unit		Code	Description
	10	14	16	20	22	23		
L	1171	7	1172	4	19	6	1A0	minor py;
L	1172	4	1173	7	20	4	1C0	minor po bands, cpy stringers; qtz-calc-sulph. bands; <5% PbZn (avg.); few mt blebs;
L	1173	7	1174	6	21	4	A3	slightly calc.;
L	1174	6	1181	6	22	4	1L0	minor py stringers; gouge 179.8-180.4, 180.6-180.7, 181.0-181.3, 185.1-185.9 m; few minor 5B1 bands;
L	1181	6	1187	1	23	4	1G4	10% PbZn; honey-coloured sph; brecciated w/ syntic clasts in bantic-sulph-calc. matrix; vuggy;
L	1187	1	1188	2	24	4	1G8	brecciated w/ sulph. clasts in qtz-sericite matrix 187.1-187.4 m; brecciated 4A3 187.9-188.1
L	1188	2	1190	1	25	4	1G4	brecciated; 4A3 189.0-189.2, 189.8-190.8 m; calcareous; 10% PbZn; honey-coloured sph;
L	1190	1	1204	0	26	4	1C8	calcareous in spots; 4L0 190.7-191.1 m brecciated 191.1-191.8 m w/ minor bantic clasts; <5% PbZn; bantic 195.6-195.9 m (4G4); 4L0 196.2-196.6 m (sheared), 198.3-198.7 m; minor 4G4 bands; brecciated 202.5-203.3 m; gouge 203.3-204.0 m (4L0);
L	1204	0	1207	6	27	4	A3	broken ore 204.0-207.6 m;
L	1207	6	1209	8	28	5	A10	(?); gouge - fault;
L	1209	8	1211	7	29	5	A10	interbanded w/ fine-gr. 5B2;
L	1211	7	1220	2	30	3	B3	marble 216.7-217.3 m; gradational contact at 217.3 into dk green 3B3 w/ alternating bt-rich bands (<10 cm. thick); small ovoid porphyroblasts (<2 mm. across) alternating from chl to buff coloured calcareous;
L	1220	2	1238	8	31	3	G10	w/ alternating bt bands, scattered pink garnets (<3 mm. across); ovoid andalusite blebs (<2 cm.) scattered throughout; interbanded lt. green siliceous mottled chloritic zones;
L	1238	8	1243	2	32	3	F8	chloritic w/ alternating bt. bands
			1E01H					

Structural Log

Code	From		To		Feature	E S <sub>1</sub>	S <sub>1</sub>		S <sub>2</sub>		Description	
	10	14	16	20			Dip	Direct.	Dip	Direct.		
	10	14	16	20	22	24	26	28	32	34	38	
S				53.3	CSZ					64	230	
S				59.6	CSZ					66	230	
S				60.7	FRS							D region 60.7 - 65.2m;
S				65.2	FRD							P region 65.2 - 68.8m; minor S sym
S				67.2	PSZ					59	230	
S				68.8	FRP							Z sym 68.8 - 85.1m;
S				72.7	CSZ					78	230	
S				78.5	CSZ					85	230	
S				85.1	CSZ					76	230	
S				85.1	FRZ							S sym. 85.1 - 105.3m; minor D regions;
S				90.1	CSZ					81	230	
S				95.4	CSZ					80	230	
S				99.4	CSZ					75	230	
S				101.4	CSZ					77	230	
S				105.3	FRZ							P region 105.3 - 110.5m;
S				110.0	PSZ					75	230	
S				110.5	FRP							M region 110.5 - 120.9m; $S_2 = 2/3$ ;
S				116.7	CSZ					72	230	
S				120.9	FRM							R region 120.9 - 122.0m; 1/2 massive sulph;
S				122.0	FRR							P region 122.0 - 127.6m; minor Z sym.
S				123.3	PSZ					58	230	
S				127.6	FRP							R region 127.6 - 132.9m; minor P regions; 1/4 massive sulph;
S				128.1	PSZ					38	230	
S				132.9	FRR							D region 132.9 - 141.9m;
S				136.9	CSZ					53	230	
S				141.2	CSZ					55	230	
S				141.9	FRD							R region 141.9 - 146.3m;
S				146.3	FRR							S sym. 146.3 - 167.2m; minor Z sym. 157.0 - 157.5m;
S				151.1	CSZ					49	230	
S				157.6	CSZ					75	230	
S				163.5	CSZ					60	230	



Code	From	To	Sample No.	Description					
1	10	14	16	20	22	27	LENGTH	RECOVERY	UNIT
P	11209	11212	0	1541011	1.1	1.1	1.1	4G4	
P	11309	11319	0	1541012	1.0	1.0	1.0	4D4	
P	11319	11329	0	1541013	1.0	1.0	1.0	4D4	
P	11329	11344	0	1541014	1.5	0.6	0.6	4A3	
P	11344	11359	0	1541015	1.5	0.7	0.7	4A3	
P	11359	11374	0	1541016	1.5	1.2	1.2	4A3	
P	11374	11389	0	1541017	1.5	1.4	1.4	4A3	
P	11389	11404	0	1541018	1.5	1.4	1.4	4A3	
P	11404	11419	0	1541019	1.5	1.4	1.4	4A3	
P	11419	11430	0	154110	1.1	1.0	1.0	4C0	
P	11430	11441	0	154111	1.1	1.1	1.1	4C0	
P	11463	11478	0	154112	1.5	1.5	1.5	4A3	
P	11478	11493	0	154113	1.5	1.5	1.5	4A3	
P	11493	11508	0	154114	1.5	1.4	1.4	4A3	
P	11508	11523	0	154115	1.5	1.4	1.4	4A3	
P	11523	11537	0	154116	1.4	1.4	1.4	4A3	
P	11724	11737	0	154117	1.3	1.2	1.2	4C0	
P	11737	11746	0	154118	0.9	0.9	0.9	4A3	
P	11860	11871	0	154119	1.1	1.1	1.1	4G4	
P	11871	11882	0	154120	1.1	1.1	1.1	4C8	
P	11882	11892	0	154121	1.0	1.0	1.0	4G4	
P	11892	11901	0	154122	0.9	1.0	1.0	4G4	
P	11901	11916	0	154123	1.5	1.6	1.6	4C8	
P	11916	11931	0	154124	1.5	1.6	1.6	4C8	
P	11931	11946	0	154125	1.5	1.5	1.5	4C8	
P	11946	11961	0	154126	1.5	1.5	1.5	4C8	
P	11961	11976	0	154127	1.5	1.3	1.3	4C8	
P	11976	11991	0	154128	1.5	1.4	1.4	4C8	
P	11991	2006	0	154129	1.5	1.5	1.5	4C8	
P	2006	2021	0	15430	1.5	1.4	1.4	4C8	
P	2021	2031	0	15431	1.0	1.0	1.0	4C8	





# DDH: FAGA201 -- 42 DEGREE PROFILE

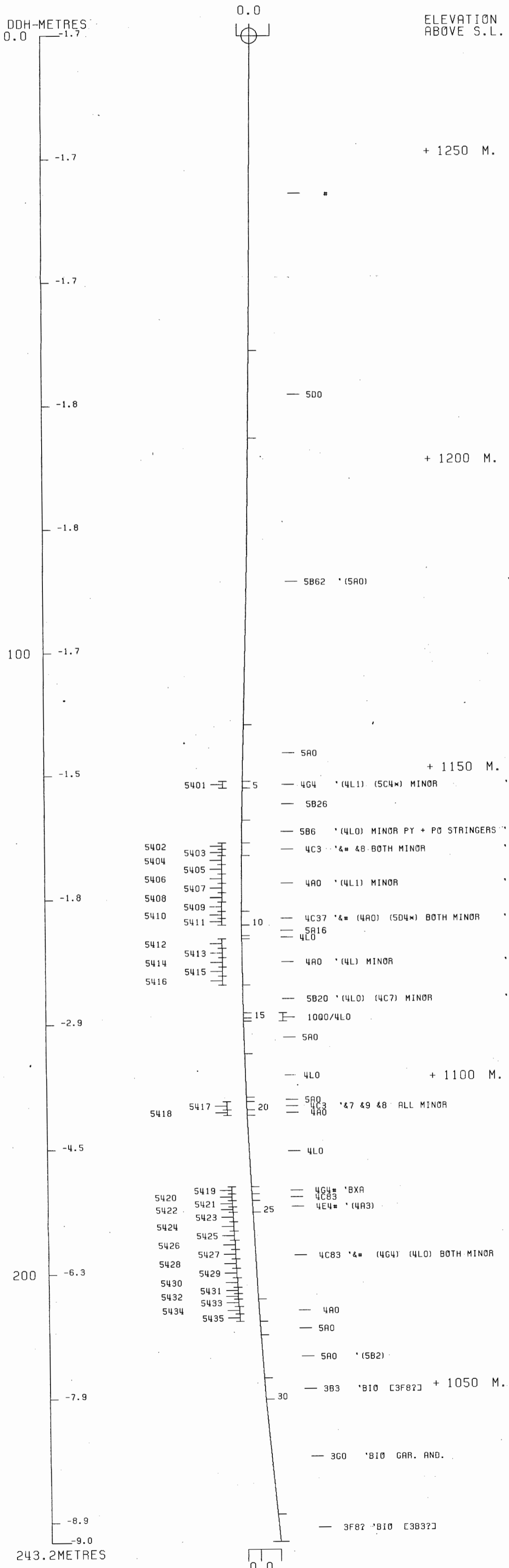
( VIEW AZIMUTH = 312 DEGREES )

ELEV: 1269 592512E ; 904635N.

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 374.0 Z = 1268.7

SECTION NAME: 61W



# DDH: FAGA201 -- 42 DEGREE PROFILE

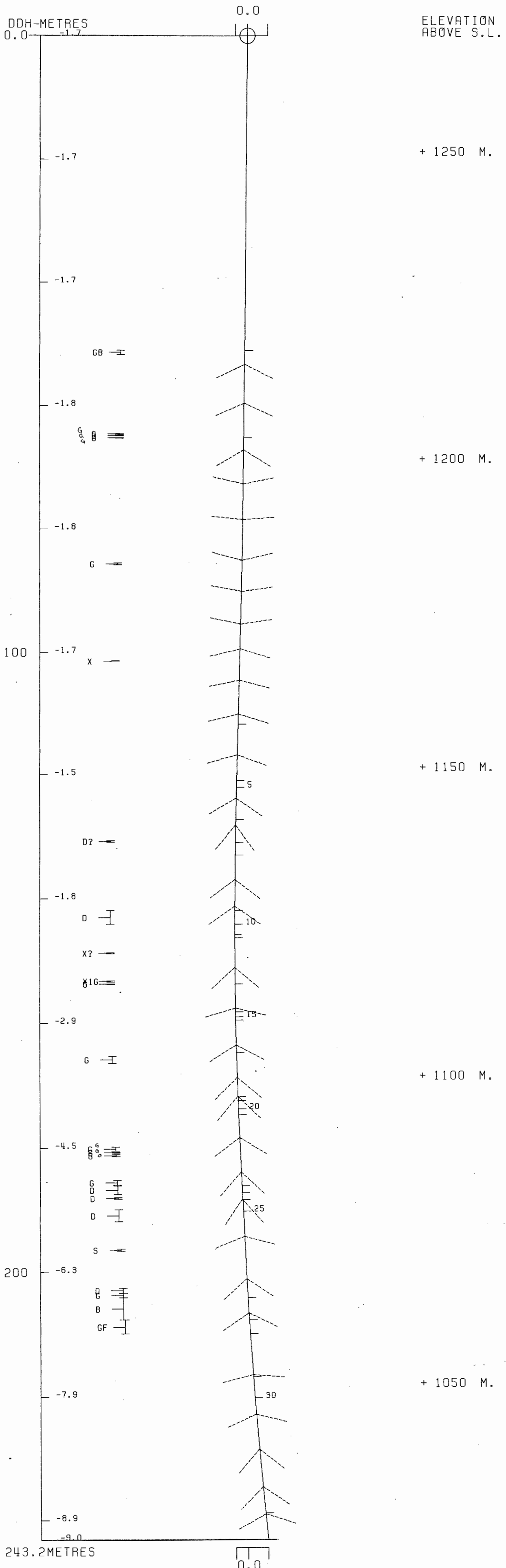
( VIEW AZIMUTH = 312 DEGREES )

ELEV: 1269      592512E ; 904635N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 374.0 Z = 1268.7

SECTION NAME: 61W



80 A207

DDH	SAMPLE	---DEPTHS---		INT M	REC %	ROCK UNIT	S.G.	CU %	PB %	ZN %	AG G/MT	AU G/MT	PO %	PY %	BAO %	PB+ZN %	PG+PY %	ZN RATIO		
		FROM	TO																	
FAGA207	5944	97.4	97.9	.5	100	4A0	2.91	.05	.06	.37	3.0	.41							.43	.86
	5927	99.3	100.2	.9	100	4A0	2.81	.07	.03	.12	4.0	.21							.15	.80
	5928	100.2	101.0	.8	100	4L12	2.93	.06	.02	.41	4.0	.14							.43	.95
	5929	101.0	102.4	1.4	100	4A0	2.82	.05	.04	.49	3.0	.21							.53	.92
	5930	102.4	103.5	1.1	100	4L2	2.80	.04	.09	.26	2.0	.21							.35	.74
	5931	103.5	104.5	1.0	80	4A0	2.81	.02	.01	.08	1.0	.69							.09	.89
	5932	126.2	127.6	1.4	100	4A0	2.79	.11	.26	.38	8.0	.21							.64	.59
	5933	127.6	128.9	1.3	100	4A0	2.77	.04	.70	.08	10.0	.41							.78	.10
	5934	128.9	130.3	1.4	100	4A0	2.87	.10	.19	.12	2.0	.14							.31	.39
	5935	130.3	131.0	.7	100	4L2	2.84	.01	.01	.05	1.0	.07							.06	.83
	5936	131.6	133.0	1.4	43	4A0	2.86	.05	.02	.16	4.0	.27	3.88	6.10					.18	.89
	5937	133.0	134.4	1.4	100	4A0	2.86	.07	.44	.64	8.0	.41	1.36	6.50					1.08	.59
	5938	134.4	135.8	1.4	100	4A4	2.91	.02	2.60	3.20	29.0	.34	.81	5.30					5.80	.55
	5939	135.8	137.2	1.4	100	4A0	3.03	.02	1.28	3.20	25.0	.21	1.54	8.10					4.48	.71
	5940	137.2	138.5	1.3	100	4A4	3.04	.04	2.20	3.40	37.0	.17	2.76	7.20					5.60	.61
	5941	151.2	152.1	.9	100	4L2	3.07	.10	1.30	1.13	18.0	.27							2.43	.47
	5942	152.1	152.9	.8	100	4E4#6	4.55	.15	7.30	5.70	88.0	1.03							13.00	.44
	5943	153.3	154.4	1.1	100	4G4	4.51	.10	7.40	9.30	99.0	.96							16.70	.56



DRILL HOLE : FAGA207  
NORTHING : 904,730.1  
EASTING : 592,587.2  
ELEVATION : 1,277.2  
TOTAL DEPTH : 233.7  
SECTION : W 61  
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: 18  
NOS DOWN-H-SURVEYS: 4  
NOS DOWN-H-LITHOLOGY: 44  
NOS DOWN-H-STRUCTURE: 47  
NOS DOWN-H-FAULTS: 22  
NOS DOWN-H-SPLINES: 4  
NOS COMPOSITES: 0



20MAR84 GRUM

DOWN-HOLE SURVEYS (DFD20)

PAGE: 30

DDH: FAGA207 UTM-N: 904,730.1 UTM-E: 592,587.2 UTM-ELEV: 1,277.2 TOTAL DEPTH: 233.7 SECTION: W 61  
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
70.100	175.000	65.000
100.600	174.000	78.000
131.100	173.000	187.000

DDH: FAGAZ07 UTM-N: 904,730.1 UTM-E: 592,587.2 UTM-ELEV: 1,277.2 TOTAL DEPTH: 233.7 SECTION: W 61  
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
64.8	OC01	#		0.5-	1
71.4	OC02	5B6	(4L0)	0.5-	1
94.7	OC03	4L2	(5D4*)	0.5-	1
97.4	OC04	4L1	82 (4A3)	0.5-	1
97.9	OC05	4A0		0.5-	1
98.4	OC06	5D4*		0.5-	1
98.7	OC07	5A6	?	0.5-	1
99.3	OC08	5D4*		0.5-	1
100.2	OC09	4AC		0.5-	1
101.0	OC10	4L1	82 (5D4*)	0.5-	1
102.4	OC11	4A0		0.5-	1
103.5	OC12	4L2		0.5-	1
104.5	OC13	4AC		0.5-	1
110.2	OC14	5B6		0.5-	1
111.4	OC15	5E6	?	0.5-	1
126.2	OC16	5B6	89 MINOR PY BANDS	0.5-	1
130.3	OC17	4A0	(5D4*)	0.5-	1
131.0	OC18	4L2		0.5-	1
131.6	OC19	5D4*		0.5-	1
138.5	OC20	4A0	84 (5D4*)	0.5-	1
139.0	OC21	5D4*		0.5-	1
139.8	OC22	5B0	82	0.5-	1
142.3	OC23	4L0	84	0.5-	1
142.9	OC24	4L0		0.5-	1
146.7	OC25	5B6		0.5-	1
147.2	OC26	5B6		0.5-	1
148.4	OC27	4L0		0.5-	1
151.2	OC28	5B6		0.5-	1
152.1	OC29	4L2		0.5-	1
152.9	OC30	4E4	#6	0.5-	1
153.3	OC31	4L0		0.5-	1
154.4	OC32	4G4	BXA	0.5-	1
156.3	OC33	4L0		0.5-	1
157.8	OC34	5A0		0.5-	1
187.0	OC35	3G0	CHL BIO GNT SCHIST	0.5-	1
188.6	OC36	3G0		0.5-	1
200.9	OC37	3G0		0.5-	1
205.5	OC38	3G8	GNT	0.5-	1
207.5	OC39	3G8		0.5-	1
215.2	OC40	3G8		0.5-	1
217.3	OC41	3G8		0.5-	1
228.4	OC42	3G8	BIO	0.5-	1
230.4	OC43	3G4		0.5-	1
233.7	OC44	3G8	BIO	0.5-	1

DDH: FAGA207 UTM-N: 904,730.1 UTM-E: 592,587.2 UTM-ELEV: 1,277.2 TOTAL DEPTH: 233.7 SECTION: W 61  
 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	COE	DHCC	SDC	PROCESS
FAGA207	0.0	66.4	PS2		0	0	0	C	71	230	C		1	1	1
FAGA207	64.8	70.0	PS2	P	0	0	0	C	0	0	C		1	1	1
FAGA207	0.0	72.7	CS2		0	0	0	C	80	230	C		1	1	1
FAGA207	0.0	75.8	CS2		0	0	0	C	64	230	C		1	1	1
FAGA207	70.0	78.3	CS2	Z	0	0	0	C	0	0	C		1	1	1
FAGA207	0.0	81.4	PS2		0	0	0	C	82	230	C		1	1	1
FAGA207	78.3	84.4	PS2	P	0	0	0	C	0	0	C		1	1	1
FAGA207	0.0	87.5	CS2		0	0	0	C	63	230	C		1	1	1
FAGA207	84.4	92.6	CS2	Z	0	0	0	C	0	0	C		1	1	1
FAGA207	0.0	93.8	CS2		0	0	0	C	60	230	C		1	1	1
FAGA207	92.6	97.2	CS2	S	0	0	0	C	0	0	C		1	1	1
FAGA207	0.0	99.2	CS2		0	0	0	C	73	230	C		1	1	1
FAGA207	0.0	105.2	CS2		0	0	0	C	60	230	C		1	1	1
FAGA207	0.0	108.9	CS2		0	0	0	C	50	230	C		1	1	1
FAGA207	0.0	114.7	CS2		0	0	0	C	78	230	C		1	1	1
FAGA207	0.0	120.7	CS2		0	0	0	C	67	230	C		1	1	1
FAGA207	0.0	125.9	CS2		0	0	0	C	61	230	C		1	1	1
FAGA207	97.2	127.1	CS2	Z	0	0	0	C	0	0	C		1	1	1
FAGA207	127.1	130.1	CS2	S	0	0	0	C	0	0	C		1	1	1
FAGA207	0.0	131.3	CS2		0	0	0	C	63	230	C		1	1	1
FAGA207	130.1	133.2	CS2	Z	0	0	0	C	0	0	C		1	1	1
FAGA207	0.0	135.8	CS2		0	0	0	C	73	230	C		1	1	1
FAGA207	133.2	138.4	CS2	S	0	0	0	C	0	0	C		1	1	1
FAGA207	0.0	138.9	PS2		0	0	0	C	75	230	C		1	1	1
FAGA207	138.4	139.1	PS2	P	0	0	0	C	0	0	C		1	1	1
FAGA207	139.1	139.8	CS2	S	0	0	0	C	0	0	C		1	1	1
FAGA207	0.0	142.2	PS2		0	0	0	C	67	230	C		1	1	1
FAGA207	0.0	148.2	PS2		0	0	0	C	57	230	C		1	1	1
FAGA207	0.0	152.4	PS2		0	0	0	C	87	230	C		1	1	1
FAGA207	0.0	158.0	F2	R	0	0	0	C	0	0	C		1	1	1
FAGA207	0.0	159.4	PS2		0	0	0	C	58	230	C		1	1	1
FAGA207	139.1	162.5	PS2	P	0	0	0	C	0	0	C		1	1	1
FAGA207	0.0	165.1	CS2		0	0	0	C	62	230	C		1	1	1
FAGA207	0.0	171.2	CS2		0	0	0	C	72	230	C		1	1	1
FAGA207	0.0	176.7	CS2		0	0	0	C	68	230	C		1	1	1
FAGA207	0.0	182.3	CS2		0	0	0	C	69	230	C		1	1	1
FAGA207	0.0	186.1	CS2		0	0	0	C	80	230	C		1	1	1
FAGA207	162.5	191.7	CS2	S	0	0	0	C	0	0	C		1	1	1
FAGA207	0.0	192.9	PS2		0	0	0	C	73	230	C		1	1	1
FAGA207	0.0	198.3	PS2		0	0	0	C	69	230	C		1	1	1
FAGA207	0.0	203.3	PS2		0	0	0	C	68	230	C		1	1	1
FAGA207	0.0	210.0	PS2		0	0	0	C	80	230	C		1	1	1
FAGA207	0.0	214.7	PS2		0	0	0	C	68	230	C		1	1	1
FAGA207	0.0	221.0	PS2		0	0	0	C	73	230	C		1	1	1
FAGA207	0.0	226.8	PS2		0	0	0	C	83	230	C		1	1	1
FAGA207	0.0	231.9	PS2		0	0	0	C	77	230	C		1	1	1
FAGA207	191.7	233.7	PS2	P	0	0	0	C	0	0	C		1	1	1

DDH: FAGA207 UTM-N: 904,730.1 UTM-E: 592,587.2 UTM-ELEV: 1,277.2 TOTAL DEPTH: 233.7 SECTION: W 61  
 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			
FAGA207	71.4	94.7	1G		0	0	C	G	0	0	1
FAGA207	98.1	98.3	G		0	0	C	C	0	0	1
FAGA207	98.4	98.7	GR		0	0	C	C	0	0	1
FAGA207	104.4	104.5	G		0	0	C	C	0	0	1
FAGA207	105.5	105.7	G		0	0	C	C	0	0	1
FAGA207	110.2	111.4	G		0	0	G	C	0	0	1
FAGA207	111.4	126.2	1G		0	0	C	C	0	0	1
FAGA207	128.5	129.1	S		0	0	C	C	0	0	1
FAGA207	141.0	141.2	D?		0	0	0	C	0	0	1
FAGA207	142.3	146.7	G		0	0	G	C	0	0	1
FAGA207	146.7	147.2	PS		0	0	C	0	0	0	1
FAGA207	147.2	148.4	S		0	0	C	C	0	0	1
FAGA207	148.4	151.2	G		0	0	0	0	0	0	1
FAGA207	151.6	152.1	SG		0	0	C	0	0	0	1
FAGA207	152.9	153.3	G		0	0	C	C	0	0	1
FAGA207	153.3	154.4	D?		0	0	C	0	0	0	1
FAGA207	154.4	157.8	GF		0	0	C	0	0	0	1
FAGA207	157.8	187.0	1G		0	0	C	C	0	0	1
FAGA207	187.0	188.6	GS		0	0	C	G	0	0	1
FAGA207	217.4	217.5	G		0	0	C	0	0	0	1
FAGA207	229.4	229.5	G		0	0	G	C	0	0	1
FAGA207	229.6	229.7	G		0	0	0	C	0	0	1

20MAR84 GRUM

DOWN-HOLE SPLINES (CH020)

PAGE: 34

DDH: FAGA207 UTM-N: 904,730.1 UTM-E: 592,587.2 UTM-ELEV: 1,277.2 TOTAL DEPTH: 233.7 SECTION: W 61  
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH SEGMENT NOS CCAD INDICATOR

FAGA207	1	2
FAGA207	2	2
FAGA207	3	2
FAGA207	4	1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 80-A207

Project: GRUM

Location: VANGORDA PLATEAU

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

~~UTM~~ Terr. Plane  
Co-ords.: 6904730.077 N

CAMC Mine Survey  
592587.181 E

Grid  
Co-ords.: 61W/4N

Elevation: 1277.208m

Total Depth: 233.7m

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

Logged by: PN

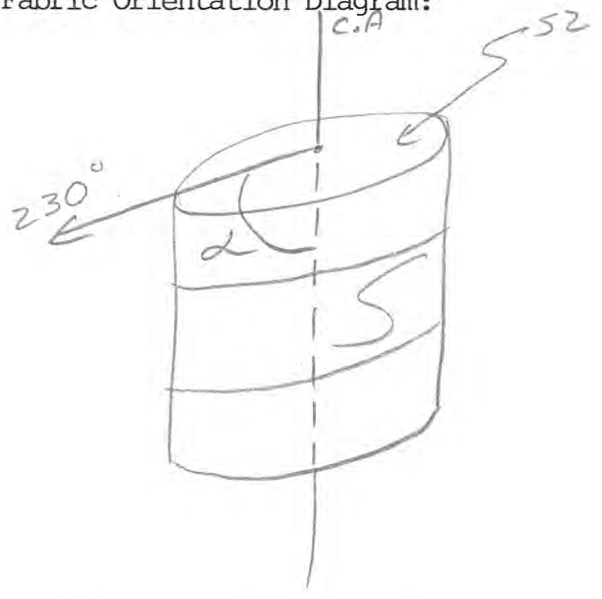
Date(s) Logged: Nov. 12, 13, 1980

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

NO 0 EOH

Started: \_\_\_\_\_ Completed: \_\_\_\_\_

Fabric Orientation Diagram:



All symmetry determinations looking \_\_\_\_\_ with \_\_\_\_\_ dipping \_\_\_\_\_ with dip azimuth \_\_\_\_\_.



Lithologic Log

Code	From		To		Unit		Code	Description
	10	14	16	20	22	23		
L	100		1648		1			o/B truned; granitic boulders;
L	648		714		2	5B16		few py stringers; minor 4LO interbands
L	714		947		3	4L2		bleached SD4 w/ few chl. blebs, qtz-calc. bands 71.5-71.7m;
								few scattered gouge zones;
L	947		974		4	4L1		4L2; 4A3 94.7-94.9m;
L	974		979		5	4A3		
L	979		984		6	5D4		qtz-calc. bands alternating w/ manpositite;
								gouge 98.1-98.3m;
L	984		987		7	5A16		gouge w/ siliceous pebbles;
L	987		993		8	5D4		as unit 6;
L	993		1002		9	4A3		as unit 5;
L	1002		1010		10	4L1		4L2 as unit 4; w/ 5D4 interbands w/
								manpositite;
L	1010		1024		11	4A3		w/ few SD4 bands w/ manpositite;
L	1024		1035		12	4L2		
L	1035		1045		13	4A3		gouge 104.4-104.5m;
L	1045		1102		14	5B6		gouge 105.5-105.7m; minor py blebs;
L	1102		1114		15	5B6		gouge
L	1114		1262		16	5B6		as unit 14; minor py bands; minor scattered
								gouge zones;
L	1262		1303		17	4A3		SD4 w/ manpositite 126.8-126.9m; sheared
								128.5-129.1m;
L	1303		1310		18	4L2		
L	1310		1316		19	5D4		w/ manpositite blebs; 4LO 131.5-131.6m;
L	1316		1385		20	4A3		few SD4 interbands;
L	1385		1390		21	5D4		
L	1390		1398		22	5B0		locally graphitic; minor py;
L	1398		1423		23	4L0		PbZn lense w/ 4LO clasts 141.0-141.2m;
L	1423		1429		24	4L0		gouge (fault)
L	1429		1467		25	5B16		gouge (fault)
L	1467		1472		26	5B16		poor recovery; sheared;
L	1472		1484		27	4L0		minor py; sheared;
L	1482		1512		28	5B16		gouge (fault)
L	1512		1521		29	4L2		w/ minor PbZn bands; sheared & gouge
								151.6-152.1m;
L	1521		1529		30	4E4		w/ calcareous basitic <sup>narrow</sup> bands; 7% PbZn;

Lithologic Log

Code	From	To	Unit	Code	Description
	10 14 16 20	22 23 25 27			
					PbZn content increases towards EOH;
L	11529	11533	31	4L0	gouge (fault)
L	11533	11544	32	4G4	brecciated - 4E4 matrix; greater clast/matrix ratio towards EOH; subrounded moderately sorted clasts; 12% PbZn;
L	11544	11563	33	4L0	gouge - fault
L	11563	11578	34	5A0	gouge - fault
L	11578	11870	35	3G0	low scattered narrow gouge zones; minor py; chl-bt-qtz schist 161.7-162.0m; few bt. bands & scattered qtz; chloritic phyllite; DQO 177.1-177.4m;
L	11870	11886	36	3G0	gouge & shear;
L	11886	12009	37	3A0	as unit 35; po stringers assoc. w/ qtz at 193.3m; mica; bt towards EOH;
L	12009	12055	38	3G8	w/ scattered qtz; chl-ser-qtz phyllite w/ minor po blebs;
L	12055	12075	39	3G8	w/ mt blebs; as unit 38;
L	12075	12152	40	3G8	as unit 38;
L	12152	12173	41	3A8	w/ mt blebs as unit 39; bright red, altered mt 215.2-216.5m;
L	12173	12284	42	3G8	gouge 217.4-217.5m; minor scattered <sup>elongated</sup> py blebs; some bt development towards EOH;
L	12284	12304	43	3G4	sericitic; DQO 228.6-229.0m; gouge 229.4-229.5m; 229.6-229.7m;
L	12304	12337	44	3G8	low bt. development towards EOH;
		EOH			

Structural Log

Code	From		To	Feature	SYM	S <sub>1</sub>		S <sub>2</sub>		Description
	10	14 16	20 22 24 26 28			Dip	Direct.	Dip	Direct.	
			664	ASZ			71	230		
			700	FZP						Z sym. 70.0 - 78.3m;
			727	CSZ			810	230		
			758	CSZ			64	230		
			783	FZZ						R region 78.3 - 84.4m;
			814	PSZ			82	230		
			844	FZR						Z sym. 84.4 - 92.6m;
			875	CSZ			63	230		
			926	FZB						S sym. 92.6 - 97.2m;
			938	CSZ			60	230		
			972	FZS						Z sym. 97.2 - 127.1m;
			992	CSZ			73	230		
			1052	CSZ			60	230		
			1089	CSZ			50	230		
			1147	CSZ			78	230		
			1207	CSZ			67	230		
			1259	CFZ			61	230		
			1271	FZB						S sym. 127.1 - 130.1m;
			1301	FZE						Z sym. 130.1 - 133.2m;
			1313	CSZ			63	230		
			1332	FZB						S sym. 133.2 - 138.4m;
			1358	CSZ			73	230		
			1384	FZS						R region 138.4 - 139.1m;
			1389	PSZ			75	230		
			1391	FZR						S sym. 139.1 - 139.8m;
			1398	FZS						R region 139.8 - 158.0m;
										20% massive sulph; 70% gouge;
			1422	PSZ			67	230		
			1482	PSZ			57	230		
			1524	PSZ			87	230		
			1580	FZR						P region 158.0 - 162.5m;
			1594	PSZ			58	230		
			1625	FZP						S sym. 162.5 - 191.7m;
										w/ minor Pregonis;
			1651	CSZ			62	230		
			1712	CSZ			72	230		



DDH B.D.-A207  
2 8

Cyprus Anvil Mining Corp.  
Geochemical Log (Sampler's Copy)

Page 7 of 9  
Logged By: PN  
Sampled By: \_\_\_\_\_

Code	From		To		Sample No.		Description		
	10	14	16	20	22	27	LENGTH	RECOVERY	UNIT
P	714		729				1.5		4L2
P	729		744				1.5		4L2
P	744		759				1.5		4L2
P	759		774				1.5		4L2
P	774		789				1.5		4L2
P	789		804				1.5		4L2
P	804		819				1.5		4L2
P	819		835				1.6		4L2
P	835		851				1.6		4L2
P	851		867				1.6		4L2
P	867		883				1.6		4L2
P	883		899				1.6		4L2
P	899		915				1.6		4L2
P	915		931				1.6		4L2
P	931		947				1.6		4L2
P	947		960				1.3		4L12
P	960		974				1.4		4L12
P	974		979		15914		0.5	0.5	4A3
P	993		11002		15927		0.9	0.9	4A3
P	11002		11010		15928		0.8	0.8	4L12
P	11010		11024		15929		1.4	1.4	4A3
P	11024		11035		15930		1.1	1.1	4L2
P	11035		11045		15931		1.0	0.8	4A3
P	11262		11276		15932		1.4	1.4	4A3
P	11276		11289		15933		1.3	1.3	4A3
P	11289		11303		15934		1.4	1.4	4A3
P	11303		11310		15935		0.7	0.7	4L2
P	11316		11330		15936		1.4	0.6	4A3
P	11330		11344		15937		1.4	1.4	4A3
P	11344		11358		15938		1.4	1.4	4A3
P	11358		11372		15939		1.4	1.4	4A3
P	11372		11385		15940		1.3	1.3	4A3
P	11512		11521		15941		0.9	0.9	4L2





# DDH: FAGA207 -- 42 DEGREE PROFILE

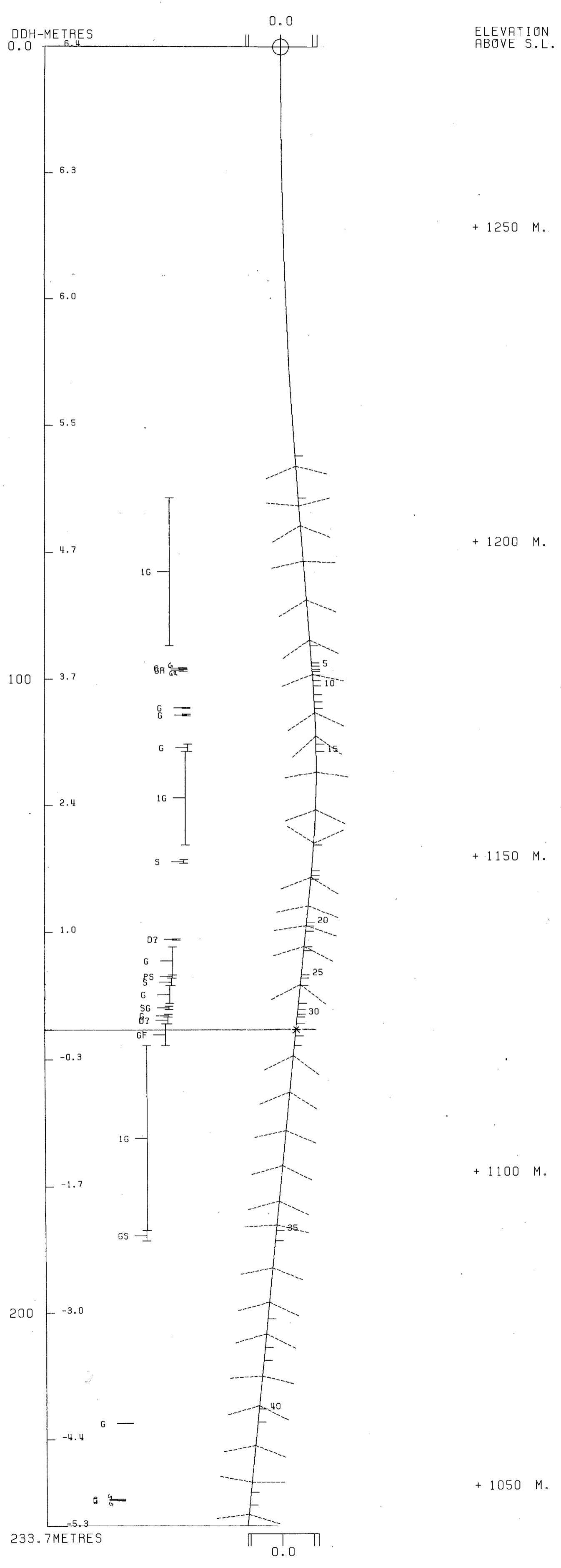
( VIEW AZIMUTH = 312 DEGREES )

ELEV: 1277      592587E ; 904730N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 494.7    Z = 1278.4

SECTION NAME: 61W



# DDH: FAGA207 -- 42 DEGREE PROFILE

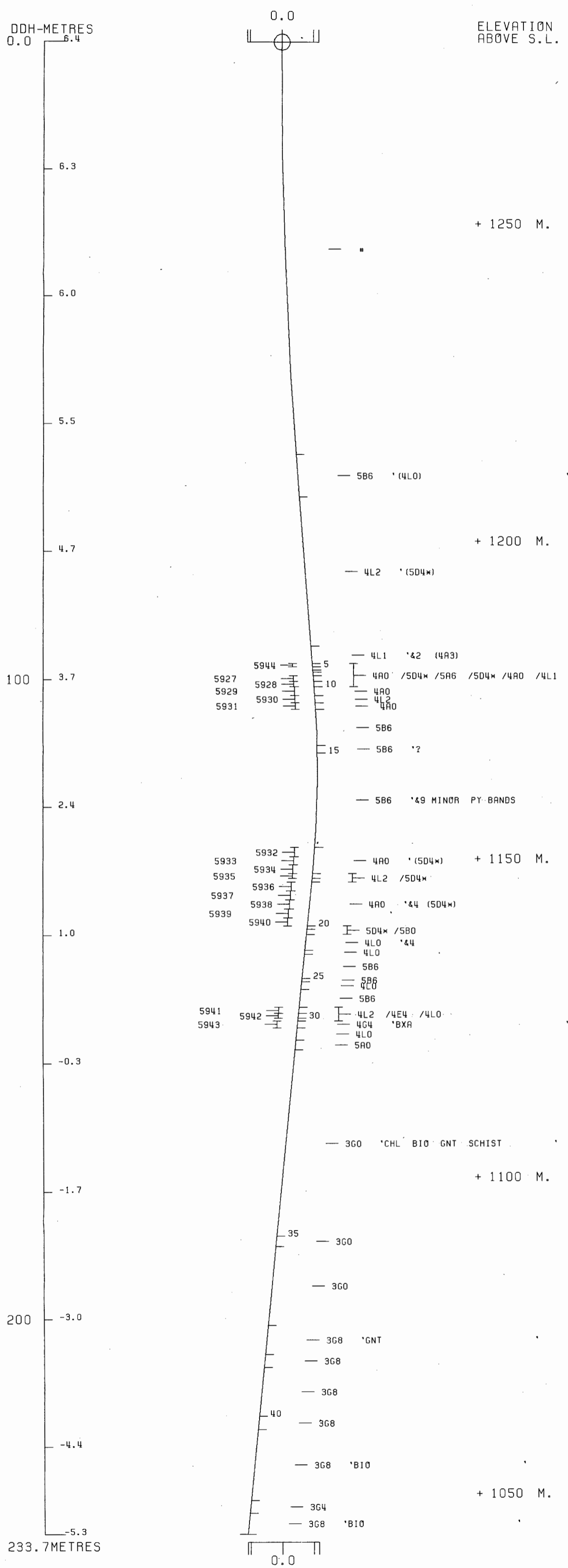
( VIEW AZIMUTH = 312 DEGREES )

ELEV: 1277 592587E ; 904730N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 494.7 Z = 1278.4

SECTION NAME: 61W



80 A 209

84/10/18

## GRUM DATABASE - QUIZ REPORT

PAGE 5

DCH	SAMPLE	---DEPTHS---		INT M	REC %	ROCK UNIT	S.G.	CU %	PB %	ZN %	AG G/MT	AU G/MT	PO %	PY %	BAO %	PB+ZN %	PC+PY %	ZN RATIO
		FROM	TO															
FAGA209	5915	65.0	65.8	.8	100	4E6	4.84	.18	4.10	4.00	74.0	1.44	1.00	39.40		8.10	40.40	.49
	5916	65.8	67.4	1.6	38	4G4	4.76	.34	5.30	8.40	101.0	1.78	.79	22.70		13.70	23.49	.61
	5917	67.4	68.7	1.3	100	4E4	4.23	.48	4.40	4.90	89.0	2.13	1.20	38.40		9.30	39.60	.53
	5918	68.7	69.9	1.2	100	4E4	4.80	.15	6.80	8.10	97.0	1.17	1.28	28.60		14.90	29.88	.54
	5919	69.9	71.3	1.4	79	4G4	4.50	.13	6.00	10.80	94.0	1.03	.69	17.20		16.80	17.89	.64
	5920	96.9	98.9	2.0	100	4A0	2.81	.07	.28	.50	5.0					.78		.64
	5921	98.9	100.3	1.4	100	4A0	2.74	.06	.24	.30	4.0	.07				.54		.56
	5922	100.3	101.4	1.1	100	4A0	2.93	.10	.28	.64	5.0					.92		.70
	5923	110.9	112.1	1.2	100	4C3	3.31	.12	1.20	1.33	19.0	.34				2.53		.53
	5924	112.1	113.6	1.5	100	4C3	3.49	.14	1.78	2.90	25.0	.27				4.68		.62
	5925	117.1	119.1	2.0	100	4E0	4.35	.28	1.46	2.80	27.0	1.37	2.30	36.70		4.26	39.00	.66
	5926	119.1	120.7	1.6	100	4E4	4.37	.35	2.60	4.10	48.0	1.51	1.90	34.40		6.70	36.30	.61

DDH	SAMPLE	ROCK UNIT	NCRMATIVE MINERALS - WEIGHT %								OTHER	*	NCRMATIVE MINERALS - VOLUME %							
			CPY	GA	SP	PC	PY	BAR	CPY	GA			SP	PC	PY	BAR	OTHER			
FAGA2C9	5915	4EG	.52	4.74	5.96	1.57	84.73			2.48	*	.61	3.09	7.30	1.67	82.92			4.41	
	5916	4G4	.98	6.12	12.52	1.24	48.82		30.31	*	.93	3.23	12.40	1.07	38.69			43.68		
	5917	4E4	1.39	5.08	7.30	1.89	82.58		1.76	*	1.62	3.32	8.95	2.01	80.96			3.14		
	5918	4E4	.43	7.85	12.08	2.01	61.50		16.12	*	.45	4.60	13.26	1.92	54.02			25.74		
	5919	4G4	.38	6.93	16.10	1.09	36.99		38.52	*	.34	3.46	15.09	.88	27.73			52.50		
	5920	4A0	.20	.32	.75				98.73	*										
	5921	4A0	.17	.28	.45				99.10	*										
	5922	4A0	.29	.32	.95				98.43	*										
	5923	4C3	.35	1.39	1.98				96.28	*										
	5924	4C3	.40	2.06	4.32				93.22	*										
	5925	4E0	.81	1.69	4.17	3.62	78.92		10.79	*	.88	1.02	4.75	3.58	71.89			17.87		
	5926	4E4	1.01	3.00	6.11	2.99	73.98		12.91	*	1.08	1.79	6.85	2.91	66.32			21.04		

DRILL HOLE : FAGA209  
NORTHING : 904,682.7  
EASTING : 592,550.8  
ELEVATION : 1,274.9  
TOTAL DEPTH : 235.0  
SECTION : W 61  
R.F.E. : S2  
RFE DIRECTION: 230  
PLUNGE ANGLE : 11  
PLUNGE DIRECT: 312  
DHD CALC: 1  
SS CALC: 1

## DETAIL RECORD COUNTS:

NOS CORE-SAMPLES: 12  
NOS DOWN-H-SURVEYS: 7  
NOS DOWN-H-LITHOLOGY: 51  
NOS DOWN-H-STRUCTURE: 42  
NOS DOWN-H-FAULTS: 13  
NOS DOWN-H-SPLINES: 7  
NOS COMPOSITES: 0

DDH: FAGA209 UTM-N: 904,682.7 UTM-E: 592,550.8 UTM-ELEV: 1,274.9 TOTAL DEPTH: 235.0 SECTION: W 61  
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

---DEPTHS---		SAMPLE NO.	INT. REC.	ROCK UNIT	-----ASSAYS-----														
FROM	TO				S.G. PULP	CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AL(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	EA %
65.0	65.8	05915	.8	.8 4E6	4.84	.18	4.10	4.00	74.00		1.44	1	39	40					
65.8	67.4	05916	1.6	.6 4G4	4.76	.34	5.30	8.40	101.00		1.78		22	23					
67.4	68.7	05917	1.3	1.3 4E4	4.23	.48	4.40	4.90	89.00		2.13	1	38	39					
68.7	69.9	05918	1.2	1.2 4E4	4.80	.15	6.80	8.10	97.00	90.00	1.17	1	28	29					
69.9	71.3	05919	1.4	1.1 4G4	4.50	.13	6.00	10.80	94.00		1.03		17	17					
96.9	98.9	05920	2.0	2.0 4A0	2.81	.07	.28	.50	5.00										
98.9	100.3	05921	1.4	1.4 4A0	2.74	.06	.24	.30	4.00		.07								
100.3	101.4	05922	1.1	1.1 4A0	2.93	.10	.28	.64	5.00										
110.9	112.1	05923	1.2	1.2 4C3	3.31	.12	1.20	1.33	19.00		.34								
112.1	113.6	05924	1.5	1.5 4C3	3.49	.14	1.78	2.90	25.00		.27								
117.1	119.1	05925	2.0	2.0 4E0	4.35	.28	1.46	2.80	27.00		1.37	2	36	39					
119.1	120.7	05926	1.6	1.6 4E4	4.37	.35	2.60	4.10	48.00		1.51	1	34	36					
WEIGHTED AVERAGE																			
65.0	71.3		6.3	5.0	4.61	.26	5.40	7.59	92.77	17.14	1.52		27	28					
96.9	101.4		4.5	4.5	2.81	.07	.26	.47	4.68		.02								
110.9	113.6		2.7	2.7	3.41	.13	1.52	2.20	22.33		.30								
117.1	120.7		3.6	3.6	4.35	.31	1.96	3.37	36.33		1.43	2	35	37					

ZUMAR84 GRUM

DOWN-HOLE SURVEYS (DPO2C)

PAGE: 37

DDH: FAGA209 UTM-N: 904,682.7 UTM-E: 592,550.8 UTM-ELEV: 1,274.9 TOTAL DEPTH: 235.0 SECTION: W 61  
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	130.000	0.000
75.900	177.300	100.000
106.400	175.500	97.000
136.900	173.000	93.000
167.300	172.000	80.000
197.800	173.000	51.000
228.300	172.500	33.000

CDH: FAGA209 UTM-N: 9G4,682.7 UTM-E: 592,550.8 UTM-ELEV: 1,274.9 TOTAL DEPTH: 235.0 SECTION: W 61  
 RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
64.6	OG01	#		0.5-	1
65.0	OC02	#	OVERBURDEN	0.5-	1
65.4	OC03	4G4	?	0.5-	1
65.8	OC04	4E0		0.5-	1
67.4	OC05	4G4		0.5-	1
69.9	OC06	4E4		0.5-	1
71.3	OC07	4G4	(4E0)	0.5-	1
71.9	OC08	5A6		0.5-	1
81.8	OC09	5B6		0.5-	1
82.0	OC10	4LC		0.5-	1
82.3	OC11	4D3		0.5-	1
96.6	OC12	5B0		0.5-	1
96.9	OC13	4LC		0.5-	1
97.1	OC14	4D3		0.5-	1
97.3	OG15	4L0		0.5-	1
101.0	OC16	4AC	(5B19)	0.5-	1
101.4	OG17	4C3		0.5-	1
110.9	OC18	5B6	-> (5B62)	0.5-	1
111.4	OC19	4L2		0.5-	1
113.6	OC20	4C3	SER [4CL]	0.5-	1
114.6	OC21	5B6		0.5-	1
117.1	OC22	5B6		0.5-	1
120.7	OC23	4E0	84 (4C0) (4E4) MINOR	0.5-	1
122.8	OC24	5A6		0.5-	1
131.1	OC25	5B6	(10QC) 80:20	0.5-	1
133.6	OC26	5B6		0.5-	1
146.3	OC27	5B6		0.5-	1
146.7	OC28	4LC	(4L2)	0.5-	1
149.5	OC29	5B6		0.5-	1
155.4	OC30	4LC	-> 4L2 LOCALLY (4E0) MINOR	0.5-	1
161.1	OC31	5B6		0.5-	1
163.7	OC32	4LC	-> 4L2	0.5-	1
166.7	OC33	5B6		0.5-	1
167.8	OC34	4LC	-> 4L2	0.5-	1
169.9	OC35	5A6		0.5-	1
173.1	OC36	4L2	-> 4L21 LOCALLY	0.5-	1
174.6	OC37	4L2		0.5-	1
179.2	OC38	5B6		0.5-	1
193.2	OC39	5B6	[3G0] BIC	0.5-	1
193.6	OC40	5B6		0.5-	1
210.0	OC41	3G0	BIO STAUR GAR [1CD]	0.5-	1
211.0	OC42	3D4		0.5-	1
212.4	OC43	3FC		0.5-	1
213.6	OC44	3D4		0.5-	1
215.8	OC45	3G0	[1CD]	0.5-	1
217.0	OC46	3FC		0.5-	1
223.3	OC47	3G0	[1CD]	0.5-	1
227.4	OC48	3G0	MAGNETITE PORPHS	0.5-	1
231.9	OC49	3G0		0.5-	1
233.0	OC50	3FC		0.5-	1
235.0	OC51	3G0	[1CD]	0.5-	1

DDH: FAGA209 UTM-N: 904,682.7 UTM-E: 592,550.8 UTM-ELEV: 1,274.9 TOTAL DEPTH: 235.0 SECTION: W 61  
 RFE: S2 RFE DIR: 230 FLUNGE ANGLES: 11 312 DHC CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	SC	ANGLE	DIRECT	S1	ANGLE	DIRECT	S2	ANGLE	DIRECT	RFE	CDE	DHCC	SDC	PROCESS
FAGA209	0.0	66.0	PS2			0	0	0	0	63	230	0	1	1	1			1
FAGA209	65.0	71.9	PS2	P		0	0	0	0	0	0	0	1	1	1			1
FAGA209	0.0	71.9	PS2			0	0	0	0	72	230	0	1	1	1			1
FAGA209	71.9	76.8	CS2	Z		0	0	0	0	0	0	0	1	1	1			1
FAGA209	0.0	76.8	CS2			0	0	0	0	75	230	0	1	1	1			1
FAGA209	76.8	84.2	PS2	P		0	0	0	0	0	0	0	1	1	1			1
FAGA209	0.0	84.2	PS2			0	0	0	0	82	230	0	1	1	1			1
FAGA209	0.0	90.5	CS2			0	0	0	0	68	230	0	1	1	1			1
FAGA209	0.0	96.6	CS2			0	0	0	0	73	230	0	1	1	1			1
FAGA209	84.2	101.0	CS2	Z		0	0	0	0	0	0	0	1	1	1			1
FAGA209	0.0	101.0	CS2			0	0	0	0	61	230	0	1	1	1			1
FAGA209	0.0	107.9	PS2			0	0	0	0	67	230	0	1	1	1			1
FAGA209	0.0	112.0	PS2			0	0	0	0	53	230	0	1	1	1			1
FAGA209	0.0	117.5	PS2			0	0	0	0	75	230	0	1	1	1			1
FAGA209	0.0	122.8	PS2			0	0	0	0	54	230	0	1	1	1			1
FAGA209	101.0	126.5	PS2	P		0	0	0	0	0	0	0	1	1	1			1
FAGA209	0.0	128.6	CS2			0	0	0	0	55	230	0	1	1	1			1
FAGA209	0.0	134.4	CS2			0	0	0	0	36	230	0	1	1	1			1
FAGA209	126.5	136.0	CS2	Z		0	0	0	0	0	0	0	1	1	1			1
FAGA209	0.0	139.0	CS2			0	0	0	0	45	230	0	1	1	1			1
FAGA209	0.0	145.0	CS2			0	0	0	0	62	230	0	1	1	1			1
FAGA209	136.0	149.1	CS2	M		0	0	0	0	0	0	0	1	1	1			1
FAGA209	0.0	151.7	PS2			0	0	0	0	70	230	0	1	1	1			1
FAGA209	149.1	156.5	PS2	P		0	0	0	0	0	0	0	1	1	1			1
FAGA209	0.0	156.5	PS2			0	0	0	0	62	230	0	1	1	1			1
FAGA209	0.0	162.1	CS2			0	0	0	0	70	230	0	1	1	1			1
FAGA209	156.5	168.4	CS2	Z		0	0	0	0	0	0	0	1	1	1			1
FAGA209	0.0	168.4	CS2			0	0	0	0	63	230	0	1	1	1			1
FAGA209	168.4	173.1	PS2	P		0	0	0	0	0	0	0	1	1	1			1
FAGA209	0.0	173.1	PS2			0	0	0	0	59	230	0	1	1	1			1
FAGA209	0.0	179.0	PS2			0	0	0	0	78	230	0	1	1	1			1
FAGA209	0.0	184.7	PS2			0	0	0	0	68	230	0	1	1	1			1
FAGA209	0.0	190.0	PS2			0	0	0	0	70	230	0	1	1	1			1
FAGA209	0.0	196.0	PS2			0	0	0	0	75	230	0	1	1	1			1
FAGA209	0.0	201.2	PS2			0	0	0	0	71	230	0	1	1	1			1
FAGA209	0.0	207.6	PS2			0	0	0	0	74	230	0	1	1	1			1
FAGA209	0.0	212.4	PS2			0	0	0	0	47	230	0	1	1	1			1
FAGA209	0.0	218.6	PS2			0	0	0	0	54	230	0	1	1	1			1
FAGA209	0.0	224.6	PS2			0	0	0	0	80	230	0	1	1	1			1
FAGA209	0.0	230.0	PS2			0	0	0	0	76	230	0	1	1	1			1
FAGA209	0.0	235.0	PS2			0	0	0	0	75	230	0	1	1	1			1
FAGA209	173.1	235.0	PS2	P		0	0	0	0	0	0	0	1	1	1			1

DDH: FAGA209 UTM-N: 904,682.7 UTM-E: 592,550.8 UTM-ELEV: 1,274.9 TOTAL DEPTH: 235.0 SECTION: W 61  
 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			
FAGA209	65.0	65.4	R				0	0	C	C	0	0	1
FAGA209	0.C	101.4	X				0	0	0	C	0	0	1
FAGA209	113.6	114.6	G				0	0	0	0	0	0	1
FAGA209	0.C	124.0	G				C	0	C	C	0	0	1
FAGA209	0.C	126.3	G				0	0	C	C	0	0	1
FAGA209	0.C	127.7	G				0	0	0	C	0	0	1
FAGA209	0.C	129.4	G				0	0	C	C	0	0	1
FAGA209	131.1	133.6	G				0	0	C	C	0	0	1
FAGA209	167.8	169.9	1G				0	0	C	C	0	0	1
FAGA209	173.1	179.2	GF				G	0	C	C	0	0	1
FAGA209	181.7	181.9	G				0	0	C	C	0	0	1
FAGA209	193.2	193.6	RG				0	0	C	C	0	0	1
FAGA209	228.3	228.6	RG				0	0	0	C	0	0	1

20MAR84 GRUM

DOWN-HOLE SPLINES (DH020)

PAGE: 41

DDH: FAGA209 UTM-N: 904,682.7 UTM-E: 592,550.8 UTM-ELEV: 1,274.9 TOTAL DEPTH: 235.0 SECTION: W 61  
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH SEGMENT NOS COND INDICATOR

FAGA209	1	2
FAGA209	2	2
FAGA209	3	2
FAGA209	4	2
FAGA209	5	2
FAGA209	6	2
FAGA209	7	1

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 80-A209

Project: GRUM

Location: VANGORDIA PLAT

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

UTM Terr. Plane  
Co-ords.: 6904682.735 N

CAMC Mine  
Survey  
Grid  
Co-ords.: 592550.791 E

Grid  
Co-ords.: 61W/2N

Elevation: 1274.853 m

Total Depth: 235.0 m

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

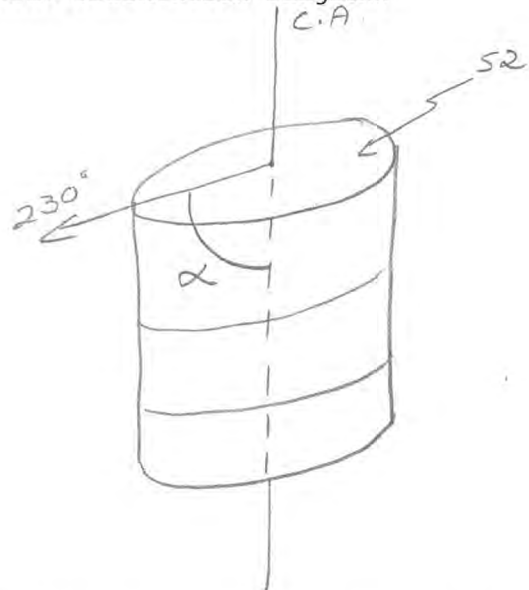
Logged by: DJH Date(s) Logged: \_\_\_\_\_

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

_____	_____	_____
_____	_____	_____
_____	_____	_____

Started: \_\_\_\_\_ Completed: \_\_\_\_\_

Fabric Orientation Diagram:



All symmetry determinations looking

NW with S2 dipping

SW with dip azimuth 230.°



## Lithologic Log

Logged By: DJH

Code	From		To		Unit		Code	Description
	10	14	16	20	22 23	25 27		
L	100		164	6	1		#	triconed
L	164	6	165	0	2		#	1/3? w/ sde frags and clay.
L	165	0	165	4	3	4	GA	? small frags
L	165	4	165	8	4		4E0	
L	165	8	167	4	5		4G0	
L	167	4	169	9	6		4E0	- sph rich lams
L	169	9	171	3	7		4G0	w/ some 4E.
L	171	3	171	9	8		5A6	
L	171	9	181	8	9		5B6	
L	181	8	182	0	10		4L0	strong ser. alt'n
L	182	0	182	3	11		4D0	60-70% tot sdes
L	182	3	196	6	12		5B0	
L	196	6	196	9	13		4L0	as unit 10
L	196	9	197	1	14		4D0	30-50% tot sdes
L	197	1	197	3	15		4L0	as unit 10
L	197	3	1101	0	16		4A0	minor sdes (5A19?)
L	1101	0	1101	4	17		4C0	60-70% tot. sdes; no good typical qtzite banding
L	1101	4	1110	9	18		5B6	→ 5B62 locally; w/ bxia & and some 4L near T.O.I.
L	1110	9	1111	4	19		4L2	strong ser. alt'n
L	1111	4	1113	6	20		4C4	80:20 4C0:4L0; ~60-70% tot. sdes
L	1113	6	1114	6	21		5B6	? grey gouge
L	1114	6	1117	1	22		5B6	
L	1117	1	1207	7	23		4E0	w/ minor 4C and 4E4
L	1207	7	1228	8	24		5A6	
L	1228	8	1311	1	25		5B6	w/ 20% QQ0 to 127.7; clay @ 124.0, 126.3, 127.7, 129.4,
L	1311	1	1336	2	26		5B6	? gouge
L	1336	2	1463	3	27		5B6	
L	1463	3	1467	2	28		4L0	& 4L2
L	1467	2	1495	2	29		5B6	
L	1495	2	1554	3	30		4L0	→ 4L2 locally; strong ser. alt'n; minor 4E

## Lithologic Log

Logged By: DJH

Code	From		To		Unit			Code	Description
	10	14	16	20	22	23	25		
									4E 153.8-154.4 ; talc alt'n?
L	155	4	161	1	31	5	B6		
L	161	1	163	7	32	4	L0		→ 4L2 ; s <sup>tr</sup> mg U.M. alt'n.
L	163	7	166	7	33	5	B6		
L	166	7	167	8	34	4	L0		as unit 32
L	167	8	169	9	35	5	A6		minor gouge
L	169	9	173	1	36	4	L2		→ 4L2 locally.
L	173	1	174	6	37	4	L2		? gouge & soft chunky core } fault?
L	174	6	179	2	38	5	B6		? " " " " " }
L	179	2	193	2	39	5	B6		360? ; grey phyllite ; gouge 181.7-181.9 ; minor bio. ? towards FOI ?
L	193	2	193	6	40	5	B6		? 360? only chips & mud rec.
L	193	6	210	0	41	3	G0		musc-staur? - bio ± gar. schist (ie amphibolite facies?) ; staur as pale yellow corphs to 1mm ; unit becoming coarser grained towards FOI ; minor 35?
L	210	0	211	0	42	3	D4		
L	211	0	212	4	43	3	F0		silicated marble.
L	212	4	213	6	44	3	D4		
L	213	6	215	8	45	3	G0		musc-bio-staur schist
L	215	8	217	0	46	3	F0		silicated marble.
L	217	0	223	3	47	3	G0		musc-staur ± bio schist
L	223	3	227	4	48	3	G0		as unit 47 w/ ~3% red-brown magnetic nodules
L	227	4	231	9	49	3	G0		as unit 47 ; mud & chips 228.3-228.6
L	231	9	233	0	50	3	F0		silicated marble
L	233	0	235	0	51	3	G0		musc-bio-staur ± garn. schist.
			FOI						

Structural Log

Code	From		To		Feature	S <sub>1</sub> Dip Direct.	S <sub>2</sub> Dip Direct.		Description
	10	14 16	20 22 24 26 28	32 34 38					
S			1660		PSZ		63	2310	R region 65.0-71.9
S			1719		FZR		72	230	Z region 71.9-76.8
S			1768		FZ		75	2310	PS2 region 76.8-84.2
S			1842		FZP		82	2310	(w/ minor S & Z)
S			1905		CISZ		68	230	Z region 84.2-101.0
S			1966		CISZ		73	2310	
S			11010		FZ		61	2310	PS2 region 101.0-110.9
S			11079		PSZ		67	2310	(minor Z)
S			11109		FZP				R region 110.9-120.8
S			11120		ASZ		53	2310	
S			11175		PSZ		75	2310	
S			11208		FZR				PS2 region 120.8-126.5
S			11228		PSZ		54	2310	
S			11265		FZP				Z region 126.5-136.0
S			11286		CISZ		55	2310	
S			11344		CISZ		36	2310	
S			11360		FZ				M region (equal S & Z)
S			11390		CISZ		45	2310	136.0-149.1
S			11450		CISZ		62	2310	
S			11491		FZM				PS2 region 149.1-156.5
S			11517		PSZ		70	2310	
S			11565		FZP		62	2310	Z region 156.5-168.4
S			11621		CISZ		70	2310	
S			11684		FZ		63	2310	PS2 region 168.4-173.1
S			11731		FZP		59	2310	
									Bxia & gouge zone 173.1-179.0
									-no sym no S2.
S			11790		PSZ		78	2310	PS2 region 179.0-235.0
S			11817		ASZ		68	2310	
S			11900		PSZ		70	2310	
S			11960		ASZ		75	2310	
S			2012		ASZ		71	2310	
S			2076		PSZ		74	2310	
S			2124		PSZ		47	2310	
S			2186		PSZ		54	2310	
S			2246		PSZ		80	2310	









# DDH: FAGA209 -- 42 DEGREE PROFILE

( VIEW AZIMUTH = 312 DEGREES )

ELEV: 1275      592551E ; 904683N

PLUNGE ANGLE IS 11.0 TREND ANGLE IS 312.0

CORRECTED COLLAR POSITION: X = 435.2    Z = 1275.2

SECTION NAME: 61W

