

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 76DS1

Fabric Orientation Diagram:

Project: Anvil

Location: Sec 130

Claim: Bill

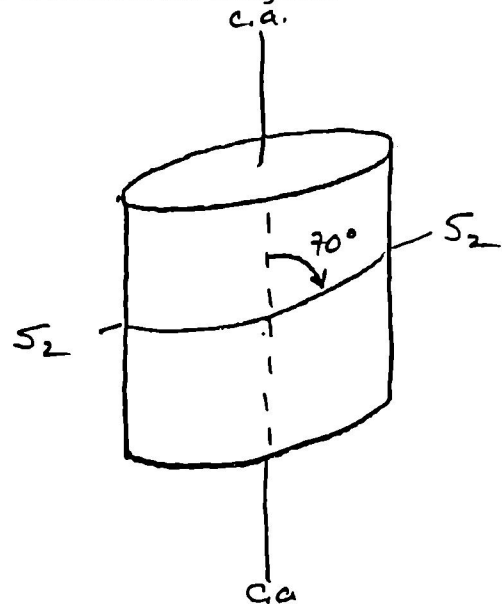
Terr. Plane Co-ords.: \_\_\_\_\_ N

\_\_\_\_\_ E

Grid Co-ords.: 4,804.96 N  
(Mine)

12,509.42 E

Elevation: 3,878.64



All symmetry determinations looking

NW with S2 dipping

SW with dip azimuth 210°.

Total Depth: 1789 545.3

Purpose: JOINT ENGINEERING DUMPSITE - EXPLORATION

Logged by: JENNINGS / STAMMERS Date(s) Logged: AUGUST 1976

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

Core	Size	From	To
	<u>NQ</u>	_____	_____
	<u>BQ</u>	_____	<u>1789</u>
		_____	_____

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



Code	From	To	Unit	Code	Description
	10 14 16 20 22 23 25 27				
L	0 0	10 0	1	#	Overburden
L	10 0	52 2	2	3D, 6	Calc-Sil-Phyllite; 14 brown bio-rich phyllite w/ calcareous bands, laminae, banded, finely silty, strongly calcareous 20%
L	52 2	54 9	3	3D, 4	Calc Sil Phyll; red green w/ dk huc bands 20% and calcareous bands 10%
L	54 9	84 0	4	3D, 5	Calc Sil Phyll, as unit 2
L	84 0	88 0	5	3D, 4	as unit 3;
L	88 0	108 0	6	3D, 4	Calc Sil Phyll; as unit 2 and 4; unit beginning to incorporate more calc silicate mineralogy.
L	108 0	119 5	7	3D, 1	Calc Sil Phyll;
L	119 5	161 3	8	3D, 4	Calc Sil Phyll
L	161 3	292 5	9	3D, 9	Carbonaceous Calc Sil Phyll; variable carbonaceous to graphitic over interval; sub equal proportions of 3 and 4 member liths
L	292 5	330 5	10	3D, 1	Calc Sil Phyll.
L	330 5	392 0	11	3D, 4	Calc Sil Phyll; < 5% marble bands
L	392 0	397 2	12	0, G, 0	Acidic white porphyritic po. rich post D <sub>2</sub> intrusion of monzonitic to granitic composition, w/ 1-3% amfiboid porphyroblasts upper contact 60° 210; lower contact 65° 210; intrusive = S20 on basis of nodules
L	397 2	399 8	13	3B, 0	Chloritic Phyllite; unit brecciated w/ some frags of previous intrusion 1-5% po. over interval
L	399 8	400 0	14	0, E, 16	Plag Diorite
L	400 0	400 7	15	3B, 0	Chloritic Phyllite
L	400 7	402 1	16	0, E, 8	fg diorite w/ hb and bio, upper contact = 60° E 230, lower contact = 50° 2030 implying diorite = dth
L	402 1	416 0	17	3, A, 0	Tans. Phyllite/Quartz
L	416 0	557 0	18	1, D, 0	
L	557 0	561 0	19	1, E, 0	Graph Schist; highly brecciated, 2' recovered over interval, non chloritic;
L	561 0	766 2	20	1, D, 0	w/ decreasing calc. bands towards base of interval, entire interval c.f. 1CD except for abundant andalusite
L	766 2	783 2	21	1, F, 8	Mafic basalt; alternating thin, fine ch. and cl. with red strongly banded, non calcareous
L	783 2	784 9	22	1, C, 0	J
L	784 9	791 5	23	1, F, 8	as unit 21, no suggestion of units F1 or F2 repeated as structure in 1F8 and 1C0 = 1S2

3D

1CD

3C

Code	From		To		Unit		Code	Description
	10	14	16	20	22	23		
L	7,9	15	7,9	34	2,1	1,1	1,C,D	Trans Zn Schist very dk brown biotite rich.
L	7,9	34	7,9	64	2,5	1,1	F,8	as unit 21 & 23
L	7,9	64	8,0	24	2,6	1,1	C,D	Trans Zn Schist; w/ numerous D <sub>2</sub> gtz swaths
L	8,0	24	8,1	31	2,7	1,1	F,8	Existence chloritic clin amphib + fsp rich laminae giving green and white banded appearance
L	8,1	31	8,2	63	2,8	1,1	C,D	1-3% andalusite
L	8,2	63	8,4	20	2,9	1,1	F,8	Laminarily banded (FSZ) chl - clin amphib, non calcareous metabasite
								Uncertain whether this metabasite sequence pelitic carbonate matrix or meta igneous; no biotite implies low K, but metabasite compositionally heterogeneous
L	8,4	20	8,4	30	3,0	1,1	C,D	Siliceous and Carbonaceous
L	8,4	30	8,4	65	3,1	1,1	F,8	→ 1CD21, interbanded sequence
L	8,4	65	8,4	92	3,2	1,1	C,D	→ 1CD21
L	8,4	92	8,5	20	3,3	1,1	F,8	Chl - clin amphib epidote rich; med. laminated, non calcareous
L	8,5	20	8,5	50	3,4	1,1	C,D	→ 1CD12
L	8,5	50	8,6	10	3,5	1,1	F,8	w/ sections of 1CD12
L	8,6	10	8,7	97	3,6	1,1	C,D	rich: andalusite rich → normal 1CD
L	8,7	97	8,8	70	3,7	1,1	F,8	→ 1F85; unit similar to laminarily banded, med. green to yellow-green w/ prominent pyrospite garnet corals, yellow green portion contain 5-10% po as blebs and stringers associated w/ garnet
								part of known zone 882 → 885: no base metal sulfides seen, @ 886.5 is 2" po-bearing ultramafic band
L	8,8	70	9,1	35	3,8	1,1	C,D	Andalusite rich
L	9,1	35	9,1	93	3,9	1,1	F,8	→ 1CD12; pelitic carbonate admixture of meta basites and siliceous biotite schists.
L	9,1	93	9,5	55	4,0	1,1	C,D	matrix andalusite
L	9,5	55	9,6	30	4,1	1,1	C,D	FAULT GORGE, approx oriented 60° ± 20, base interdenuded
								Gorge post D <sub>2</sub>
L	9,6	30	9,9	60	4,2	1,1	C,D	
L	9,9	60	9,9	66	4,3	1,1	F,8	
L	9,9	66	1,0	89	4,4	1,1	C,D	w/ numerous D <sub>2</sub> and D <sub>1</sub> gtz
L	1,0	89	1,0	94	4,5	1,1	C,D	GORGE; no attitudes possible, post D <sub>2</sub> in age
L	1,0	94	1,1	01	4,6	1,1	C,D	
L	1,1	01	1,1	03	4,7	1,1	F,3	→ 1F583 (Quartzite)
L	1,1	03	1,1	09	4,8	1,1	C,D	
L	1,1	09	1,1	17	4,9	1,1	F,3	→ 1F538

3C

1CD

3C

1CD

Fault

1C

	From	To	Unit	Code	Description
	10 14 16 20 22 23 25 27				
	L 1,1,1,1 7	1,1,3,5 2	50	1,C,D	
	L 1,1,3,5 2	1,1,3,6 0	51	1,C,D	SAND; fault zone
KCD	L 1,1,3,6 0	1,2,1,0 5	52	1,C,D	Trans Zns Schist anomalously thick <sup>yet</sup> typical 1C
	L 1,2,1,0 5	1,2,1,2 0	53	1,F,3	→ 1F35, white chloritic, mainly epidote + clino-amph
	L 1,2,1,2 0	1,2,1,3 6	54	1,C,D	
	L 1,2,1,3 6	1,2,1,4 4	55	1,F,3	→ 1F33
	L 1,2,1,4 4	1,2,4,3 0	56	1,C,D	numerous D <sub>1</sub> , qtz streaks, irregular intrusive contact but broadly
					spushing conformable to S <sub>2</sub> 60° E 210
10E	L 1,2,4,3 0	1,2,9,1 0	57	0,E,8	Diorite, upper contact ~ 60° E 210, bottom contact 50,210
					number suggest contact is a sill broadly conformable to S <sub>2</sub>
	L 1,2,9,1 0	1,4,0,6 0	58	1,C,7	
	L 1,4,0,6 0	1,4,5,4 2	59	1,C,7	→ 1C46, musc rich atzo-graphic, clotted schist
	L 1,4,5,4 2	1,4,6,6 0	60	1,C,6	
	L 1,4,6,6 0	1,4,7,3 0	61	1,C,4	→ 1C46
	L 1,4,7,3 0	1,4,9,9 0	62	1,F,7	
	L 1,4,9,9 0	1,5,0,9 5	63	1,C,4	→ 1C46
	L 1,5,0,9 5	1,5,1,2 2	64	1,C,0	
	L 1,5,1,2 2	1,5,1,4 0	65	1,C,4	→ 1C46
	L 1,5,1,4 0	1,5,2,6 0	66	1,C,7	
	L 1,5,2,6 0	1,5,2,9 8	67	1,C,4	→ 1C46
	L 1,5,2,9 8	1,5,5,1 0	68	1,C,7	→ 1C78, musc → bio schist
	L 1,5,5,1 0	1,5,9,4 0	69	1,C,7	→ normal biotite-garnet rich QFBMS
KCD	L 1,5,9,4 0	1,6,0,5 0	70	1,C,7	→ 1C78 as unit 68
	L 1,6,0,5 0	1,6,6,5 0	71	1,C,7	Med. anhedulic, dk brown biotite, <sup>good</sup> <del>100</del> stannic, no garnet
					partial clottings
	L 1,6,6,5 0	1,6,8,0 0	73	1,C,7	→ 1C12
	L 1,6,8,0 0	1,7,1,0 5	74	1,C,0	2-5% andalusite, laminar banding, dk red brown biotite
	L 1,7,1,0 5	1,7,1,3 5	75	1,C,4	→ 1C46
	L 1,7,1,3 5	1,7,1,7 0	76	1,F,4	stannic bleached/kalidized w/ applegreen fuchsite or muscovite
	L 1,7,1,7 0	1,7,2,1 5	77	1,C,4	→ 1C46, "bleaching" maybe related to diorite, this uncertain
10E	L 1,7,2,1 5	1,7,3,7 5	78	0,E,8	Upper contact 70/210, lower contact 80/210; i.e. → sill
	L 1,7,3,7 5	1,7,4,4 0	79	1,F,3	→ 1F83, <del>100</del> micaceous, white banded, compositionally homogeneous
					expected pelite, carbonate admixture
	L 1,7,4,4 0	1,7,5,0 0	80	1,C,4	→ 1C46, prominent garnets
	L 1,7,5,0 0	1,7,5,2 7	81	1,C,4	→ 1C48: w/ kalschite - muscovite
	L 1,7,5,2 7	1,7,5,4 1	82	1,C,4	→ 1C46, lower contact post D <sub>1</sub> , possibly post D <sub>2</sub> in part 85



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			230		C.S.2		55	210	S <sub>0</sub> = S <sub>1</sub> = 75° ; S <sub>2</sub> wholly developed but gives 2 symm dips opposite to S <sub>1</sub> @ 65° to c.a.	
S			470		C.S.2		70	210		
S			1000		C.S.2		75	210		
S			1570		C.S.2		80	210		
S			2000		C.S.2		70	210		
S			2560		C.S.2		70	210		
S			2965		C.S.2		80	210		
S			3570		C.S.2	80	230	70	210	
S			4100		C.S.2	70	220	65	210	
S			4210		C.S.2			60	210	→ PS2
S			4590		C.S.2	60	000	50	210	
S			4860		C.S.2	60	030	60	210	
S			5010		C.S.2			60	210	
S			5150		C.S.2			70	210	
S			5400		C.S.2			50	210	
S			5760		C.S.2	60	030	60	210	
S			6050		C.S.2	80	210	70	210	
S			6300		C.S.2	70	030	80	210	
S			6500		C.S.2			75	210	
S			6730		C.S.2	80	045	65	210	
S			6950		C.S.2	80	210	70	210	→ PS2 strongly
S			7315		C.S.2	80	030	65	210	
S			7490		C.S.2	70	010	60	210	
S			7710		C.S.2	40	030	60	210	
S			8015		C.S.2			80	210	
S			8240		C.S.2	70	030	70	210	
S			8520		C.S.2	70	210	60	210	
S			8660		C.S.2	80	210	50	210	
S			9030		C.S.2	65	105	60	210	
S			9210		C.S.2			70	210	
S			9480		C.S.2	60	100	60	210	
S			9770		C.S.2	60	045	70	210	
S			10000		C.S.2			60	210	
S			10265		C.S.2	50	030	70	210	



DDH 76-D.S.1  
2 8Cyprus Anvil Mining Corp.  
Geochemical Log (Sampler's Copy)Page 1 of 1Logged By: MASSampled By: ME

Code	From	To	Sample No.	Description
P	10 10 0	14 16 300	20 22 19,44	27 Unit 2
P	10 300	14 16 500	20 22 19,45	27 Unit 2
P	10 500	14 16 700	20 22 19,46	27 Unit 3
P	10 700	14 16 900	20 22 19,47	27 Unit 5
P	10 900	14 16 1,080	20 22 19,48	27 Unit 6
P	10 1,080	14 16 1,195	20 22 19,49	27 Unit 7
P	10 1,195	14 16 1,400	20 22 19,50	27 Unit 8
P	10 1,400	14 16 1,600	20 22 19,51	27 Unit 8
P	10 1,600	14 16 1,800	20 22 19,52	27 Unit 9
P	10 1,800	14 16 2,000	20 22 19,53	27 Unit 9
P	10 2,000	14 16 2,200	20 22 19,54	27 Unit 9
P	10 2,200	14 16 2,400	20 22 19,55	27 Unit 9
P	10 2,400	14 16 2,600	20 22 19,56	27 Unit 9
P	10 2,600	14 16 2,800	20 22 19,57	27 Unit 9
P	10 2,800	14 16 2,926	20 22 19,58	27 Unit 9
P	10 2,926	14 16 3,120	20 22 19,59	27 Unit 10
P	10 3,120	14 16 3,305	20 22 19,60	27 Unit 10
P	10 3,305	14 16 3,500	20 22 19,61	27 Unit 11
P	10 3,500	14 16 3,700	20 22 19,62	27 Unit 11
P	10 3,700	14 16 3,914	20 22 19,63	27 Unit 11
P	10 3,914	14 16 3,975	20 22 19,64	27 Unit 12
P	10 3,975	14 16 4,003	20 22 19,65	27 Unit 13
P	10 4,003	14 16 4,027	20 22 19,66	27 Unit 16
P	10 4,027	14 16 4,160	20 22 19,67	27 Unit 17
P	10 4,160	14 16 4,360	20 22 19,68	27 Unit 18
P	10 4,360	14 16 4,560	20 22 19,69	27 Unit 18
P	10 4,560	14 16 4,760	20 22 19,70	27 Unit 18
P	10 4,760	14 16 4,960	20 22 19,71	27 Unit 18
P	10 4,960	14 16 5,160	20 22 19,72	27 Unit 18
P	10 5,160	14 16 5,360	20 22 19,73	27 Unit 18
P	10 5,360	14 16 5,570	20 22 19,74	27 Unit 18
P	10 5,570	14 16 5,610	20 22 19,75	27 Unit 19
P	10 5,610	14 16 5,810	20 22 19,76	27 Unit 20
P	10 5,810	14 16 6,010	20 22 19,77	27 Unit 20
P	10 6,010	14 16 6,210	20 22 19,78	27 Unit 20
P	10 6,210	14 16 6,410	20 22 19,79	27 Unit 20

Core	From	To	Sample No.	Description			
I	10	14	16	20	22	27	
P	6,4,10	6,6,10	19,8,0	Unit 20			
P	6,6,10	6,8,10	19,8,1	Unit 20			
P	6,5,10	7,0,10	19,8,2	Unit 20			
P	7,0,10	7,2,10	19,8,3	Unit 20			
P	7,2,10	7,4,10	19,8,4	Unit 20			
P	7,4,10	7,6,10	19,8,5	Unit 20			
P	7,6,10	7,6,63	19,8,6	Unit 20			
P	7,6,63	7,8,33	19,9,7	Unit 21			
P	7,8,33	7,8,46	19,9,8	Unit 22			
P	7,8,46	7,9,24	19,8,9	Unit 23			
P	7,9,24	7,9,43	19,9,0	Unit 24			
P	7,9,43	7,9,73	19,9,1	Unit 25			
P	7,9,73	8,0,24	19,9,2	Unit 26			
P	8,0,24	8,1,31	19,9,3	Unit 27			
P	8,1,31	8,2,63	19,9,4	Unit 28			
P	8,2,63	8,4,20	19,9,5	Unit 29			
P	8,4,20	8,4,31	19,9,6	Unit 30			
P	8,4,31	8,4,64	19,9,7	Unit 31			
P	8,4,64	8,4,90	19,9,8	Unit 32			
P	8,4,90	8,5,18	19,9,9	Unit 33			
P	8,5,14	8,5,50	20,0,0	Unit 34			
P	8,5,50	8,5,82	04,7,5,1	Unit 35			
P	8,5,82	8,6,13	04,7,5,2	Unit 35			
P	8,6,13	8,8,05	04,7,5,3	Unit 36			
P	8,8,00	8,8,68	04,7,5,4	Unit 37			
P	8,8,68	9,0,60	04,7,5,5	Unit 38			
P	9,0,60	9,1,30	04,7,5,6	Unit 38			
P	9,1,33	9,1,95	04,7,5,7	Unit 39			
P	9,1,95	9,3,90	04,7,5,8	Unit 40			
P	9,3,90	9,5,55	04,7,5,9	Unit 40			
P	9,5,55	9,6,30	04,7,6,0	Unit 41			
P	9,6,30	9,8,30	04,7,6,1	Unit 42			
P	9,8,30	9,9,60	04,7,6,2	Unit 42			
P	9,9,60	9,9,66	04,7,6,3	Unit 43			
P	9,9,66	1,0,1,60	04,7,6,4	Unit 44			
P	1,0,1,60	1,0,3,60	04,7,6,5	Unit 44			

DDH 76-D.S.1  
2 8Cyprus Anvil Mining Corp.  
Geochemical Log (Sampler's Copy)Logged By: MAS  
Sampled By: ME

Code	From	To	Sample No.	Description
	10 14 16 20	22 27		
P	1,0,3,6 0	1,0,5,6 0	104766	Unit 44
P	1,0,5,6 0	1,0,7,6 0	104767	Unit 44
P	1,0,7,6 0	1,0,8,9 5	104768	Unit 44
P	1,0,8,9 5	1,0,9,4 0	104769	Unit 45
P	1,0,9,4 0	1,10,15	104770	Unit 46
P	1,1,0,1 5	1,1,0,3 8	104771	Unit 47
P	1,1,0,3 8	1,1,0,9 4	104772	Unit 48
P	1,1,0,9 4	1,1,2,1 7	104773	Unit 49
P	1,1,1,1 7	1,1,3,1 0	104774	Unit 50
P	1,1,3,1 0	1,1,3,5 2	104775	Unit 50
P	1,1,3,5 2	1,1,3,6 0	104776	Unit 51
P	1,1,3,6 0	1,1,5,6 0	104777	Unit 52
P	1,1,5,6 0	1,1,7,6 0	104778	Unit 52
P	1,1,7,6 0	1,1,9,6 0	104779	Unit 52
P	1,1,9,6 0	1,2,1,0 5	104780	Unit 52
P	1,2,1,0 5	1,2,1,2 0	104781	Unit 53
P	1,2,1,2 0	1,2,1,3 4	104782	Unit 54
P	1,2,1,3 4	1,2,1,4 4	104783	Unit 55
P	1,2,1,4 0	1,2,3,4 0	104784	Unit 56
P	1,2,3,4 0	1,2,4,3 0	104785	Unit 56
P	1,2,4,3 0	1,2,6,3 0	104786	Unit 57
P	1,2,6,3 0	1,2,8,3 0	104787	Unit 57
P	1,2,8,3 0	1,2,9,1 0	104788	Unit 57
P	1,2,9,1 0	1,3,1,1 0	104789	Unit 58
P	1,3,1,1 0	1,3,3,1 0	104790	Unit 58
P	1,3,3,1 0	1,3,5,1 0	104791	Unit 58
P	1,3,5,1 0	1,3,7,1 0	104792	Unit 58
P	1,3,7,1 0	1,3,9,1 0	104793	Unit 58
P	1,3,9,1 0	1,4,0,6 0	104794	Unit 59
P	1,4,0,6 0	1,4,2,6 0	104795	Unit 59
P	1,4,2,6 0	1,4,4,6 0	104796	Unit 59
P	1,4,4,6 0	1,4,5,4 2	104797	Unit 59
P	1,4,5,4 2	1,4,6,6 0	104798	Unit 60
P	1,4,6,6 0	1,4,7,3 0	104799	Unit 62
P	1,4,7,3 0	1,4,9,3 0	104800	Unit 62
P	1,4,9,3 0	1,4,9,9 0	104851	Unit 62



CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 76 DS2

Fabric Orientation Diagram:

Project: ANVIL

Location: FARO, P.T.

Claim: Bill

Terr. Plane Co-ords.: \_\_\_\_\_ N

\_\_\_\_\_ E

Grid Co-ords.: 3,631.25 N

13,628.17 E

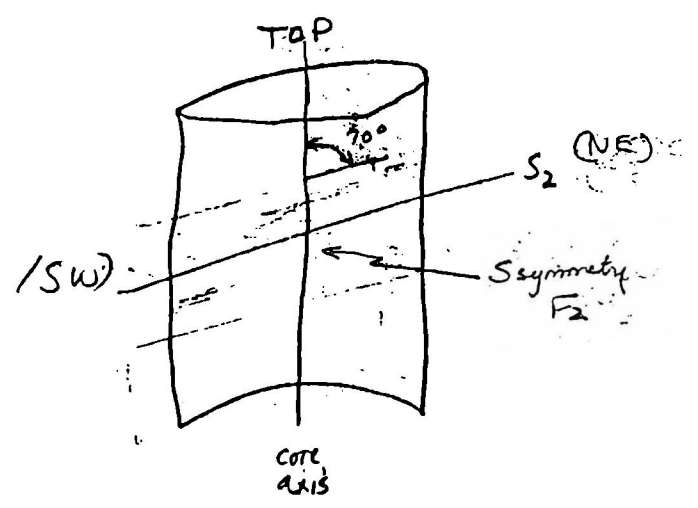
Elevation: 3807.97 (Nline) 3697.7 (MSL)

Total Depth: 1754 534.6

Purpose: Section 142; joint engineering dumpsite - exploration stratigraphy shot

Logged by: M.A. Stammers Date(s) Logged: JULY 1976

Drilling Contractor: E Carson Core: Size From To Collar Cased and Capped: 23



All symmetry determinations looking NW with S2 dipping SW with dip azimuth 210.

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

	From		To		Unit	Code	Description
	10	14	16	20	22 23	25 27	
L		20	70	230	1	#	
L		230		620	2	DP	KBMAS: typical lt grey brown, mod porphyroblastic bio ≈ musc schist, wholly peritic; foliation 6" bulk dtz pool @ 38', mod sillim
L		620		675	3	D1	KBMAS; lt grey beige, mod porphyroblastic, mod sillim, musc > bio schist: numerous dtz bands
L		675		710	4	D6	Musc - foliated schist, cbls are biotite and andul; some dtz bands mod buff with mod green brown porphs, unit wholly banded, cslly porphyroblastic
L		710		763	5	F2	Metabasite; finely banded (laminar); chlorite rich; finely sillim mod green, non calcareous, unit grades over into schist, wholly siliceous
L		763		1190	6	D0	KBMAS, as unit 2 Eulit Qtz Pods @ 84.5 (0.4%) ; @ 86 (1.1') @ 89 (0.4%);
L		1190		1365	7	F1	Metabasite, @ 119-124 dtz green-black → biotite - rich schist non-calcareous, laminar banded, siliceous, 20% musc, v. sillim 2. @ 124-136.5 mod green, chlorite rich, thin banded, mod. sillim; musc approx 10%
							FOLIATE ZONE no doubt
L		1365		2080	8	D0	as units 2 & 6; cslly porphyroblastic 136.5-142 musc > bio schist (ie bio ≈ musc → bio = musc) From 142' unit progressively changing thru a transition to lower unit (ie. some chlorite; variability in andulite; change in banding)
L		2080		2143	9	D5	banded KBMAS: reduced andulite; musc = bio schist; 0.8" band of chlorite, clino-amph, epidote, bio, musc, garnet and quartz sequence @ 212'
L		2143		2180	10	F3	metabasite w/ biotite bands; metabasite to bio = 80:20 ratio otherwise as unit 5; minor sillim; chlor-clino amph - bio trace calcareous
L		2180		2250	11	D5	as unit 8; andulite + garnet in moderation musc > bio schist
L		2250		2324	12	D0	as units 2, 6 & 8; core is moderately fractured; no garnet
L		2324		2353	13	F0	as units 5 & 9; minor biotite, trace calcareous; good chlor-clino amph, wholly siliceous
L		2353		2385	14	D0	as units 2/6/8/11;
L		2385		2410	15	F8	as units 5, 9 & 12; true metabasite to 239; chlor-clino amph "schist" for remainder of unit (ie cslly sillim, thickly banded) non-calcareous, wholly siliceous; fine specks of pyrite << 1%

Code	From	To	Unit	Code	Description
	10 14 16 20 22 23 25 27				
L	2410	3060	16	1D0	KBMAS - siliceous; as units 2/6/8/11/13; variable alteration and fractured core 303-306
L	3060	3085	17		FAULT GOUGE
L	3085	3150	18	1D8	KBMAS - chloritic, white porphyroblastic; altered and fractured core 308.5-311, otherwise as units 2 & 13 & 13
L	3150	3220	1A	1D10	KBMAS - as units: 2...15; becoming chloritic downhole. siliceous
L	3220	3330	20	1F5	Chlorite rich metabasite; as units 5 & 14; blocky; unit → chlor schist. low poly < 1%; Fault gouge @ 322-323 and @ 325.5-326.5, rare calc.
L	3330	3355	21	1D5	KBMAS as units 2 & 18; med to esly xllim. banded
L	3355	3410	22	1F5	Chlorite rich metabasite; as units 5, 14, 19, siliceous, epidote bearing blocky
L	3410	3450	23	1D5	KBMAS; as units 2 & 20; med to esly xllim, esly porphyroblastic
L	3450	3810	24	1D0	KBMAS; as units 2 & 18; musc increasing downhole.
L	3810	3860	25	1A1A	Biit Qtz pd w/ ID0 interbands
L	3860	3970	26	1D1	KBMAS; as units 2 & 23; unit 30% over 2% folioform min gouge and broken core 392-394
L	3970	4160	27	1F1D	Interbanded Sequence of Metabasites (IF5) and Schists (IDS) 75% IF5 & 30% IDS; metabasite is chlor-dun and epidote-f. while schist is bio-musc-chlor ± andul.
L	4160	4210	28	1D0	KBMAS; as units 2 and 23; musc > bio schist; core particularly altered and moderately fractured (418-421)
L	4210	4300	29		FAULT ZONE; variable composition, primarily ID0 also IF0, disintegrated (90° to ca u.c. 1c. 35)
L	4300	4715	30	0C9	schist altered w/ xllim distinct relative of SQFP, phylony, it flow banded (?) 67° to e.a.; unit breaked from 469-471.5 and breaked, fractured and angled 430-446, post D <sub>2</sub> metamorph. intensive and breaction, schist xenot. schist
L	4715	4770	31		FAULT GOUGE; lithology as above
L	4770	4910	32	0E1	fine gr. matrix, altered, hb-bio-plag, fractured lower contact 55° to e.a.
L	4910	5010	33	1C1D	Trans Zone schist; sub-aluminous, st of optite element mod greybrown, mod xllim, thinly banded, white porphyroblastic bio > musc schist

6  
v

East zone

Spur

Code	From	To	Unit	Code	Description
	10 14 16 20 22 23 25 27				
L	5,010	5,040	34	1,F,5	Metabasite; as units 5,14,19,21; biotite bands, banded
L	5,040	5,130	35	1,F,D	Interbanded sequence of 1D5 (50%) and 1F5 (50%)
L	5,130	5,190	36	1,C,D	Transition zone Schist; as unit 32; bio > musc schist
L	5,190	5,305	37	1,C,D	Trans. Zone Schist; as units 32 & 35 but w/ musc > bio schist metastably porphyroblastic; buff beige, wavy banded
L	5,305	5,330	38	0,Q,0	
L	5,330	5,510	39	1,C,D	Transition Zone Schist; as units 32 & 35; minor interbands of metabasite biotite > musc schist; @ 533-535 → biotite schist;
L	5,510	5,680	40	1,F,5	Banded Metabasite; as units 5/14/19/21/32; pegmatite swarms @ 552-557
L	5,680	5,735	41	1,C,D	Trans. Zone Schist; as units 32, 35 & 38; Qtz-fspathic bands gradational contacts w/ 1F5
L	5,735	5,745	42		FAULT GOUGE
L	5,745	6,760	43	1,C,D	Trans. Zone Schists; as units 32 & 41
L	5,760	6,047	44	1,F,5	Varved, Banded Metabasites; as units 5,14,19,21,33 & 40; Bull Qtz Pld 599-601.5; banded becoming wavy banded
L	6,047	6,210	45	1,C,D	Trans. Zone Schists; as units 32 & 43; wavy aluminous → 1C0 Qtz bands; staurolite bearing
L	6,210	6,470	46	1,F,5	Chlor-rich banded Metabasite; as units 5 & 40, 44
L	6,470	6,480	47	0,A,G	
L	6,480	6,580	48	1,C,D	Trans. Zone Schists; as units 32 & 45 (etc)
L	6,580	6,610	49	1,F,5	Chlor-rich banded Metabasite; as units 5, 44 & 46
L	6,610	6,640	50	1,C,D	TZS; as units 32 & 48 (etc)
L	6,640	6,680	51	1,F,5	C-r.B. Metabasites; as units 5 & 49 (etc)
L	6,680	6,695	52	1,C,D	TZS; as units 32 & 50 (etc)
L	6,695	6,715	53	1,F,5	C-rich, banded Metabasites; as units 5 & 51 (etc)
L	6,715	6,835	54	1,C,7	Qtz-fspathic - Bio Musc Schist; staurolite bearing
L	6,835	6,860	55	0,F,2	
L	6,860	8,161	56	1,C,7	Qtz-fspathic - Bio - Musc - Stau - Garnet Schist; as unit 54 red brown, banded, finely alline stau (brown-yellow); bio > musc schist; Musc rich zone @ 811-813
L	8,161	9,060	57	1,C,0	Qtz-fspathic - Musc - Bio - Garnet - Stau Schist; lt beige brown c.f. unit 56 but w/ musc > bio schist; numerous bull Qtz pod w/ chloritic alteration
L	9,060	9,115	58	1,C,4	Bleached Qtz-fspathic - Musc - garnet schist; c.f. unit 56, but w/ porphyroblasts of garnet and + biotite, pyrite < 1% broken con

175.6

184.3

197.2

From	To	Unit	Code	Description
10 14 16 20 22 23 25 27				
L 9,1,15	9,2,15	5,9	1,C,0	Qtz-Fspthic Musc > Bio Garn-Staur Schist; as unit 57 lower contact gradational w/ musc-bearing = biotite schist.
L 9,2,15	9,6,70	6,10	1,C,7	Qtz-Fspthic Bio > Musc-Staur Garnet Schist; as units 54 & 56 Some muscovitic interbands, staurolite variable and sub-f garnet
L 9,6,70	9,7,15	6,11	1,F,8	Chlorite-rich Metabasite; banded, felsic, buff grey pod 970-970.5 w/ H-green, alternating thick felsic bands and w/ grey dolomite laminae
L 9,7,05	9,9,60	6,12	1,C,7	Qtz-Fspthic Bio > Musc-Staur-Schist; as units 54 & 60; unit variable in composition; i.e. muscovitic sections, one chlor- epidote rich band @ 984 (6')
L 9,9,60	10,1,15	6,13	1,C,0	Qtz-Fspthic Musc > Bio Schist; partially dotted, as unit 57 and 59; becoming carbonaceous downhole, Fault gouge 997-998 Internal variable fault fracture d.
L 10,1,15	10,1,80	6,14	1,E,1	Qtz-Graphitic Schist; moderately graphitic grey to black banded schist
L 10,1,80	10,1,90	6,15	2,A,1	Graphitic, banded Qtzite; dk grey; cf ribbon banded graph of of Fmo re horizon
L 10,1,90	10,2,10	6,16	Q,A,2	
L 10,2,10	10,2,30	6,17	1,F,8	Chlorite rich Metabasite; as unit 61, but weakly banded Calcite streaks / stringers
L 10,2,30	10,4,00	6,18	1,C,2	Carbonaceous Qtz-Fspthic Musc > Bio Schist; as unit 63 core is fractured and black; moderately carbonaceous
L 10,4,00	10,4,50	6,19	1,C,4	Banded Qtz-Fspthic-Musc Schist; as unit 58; wholly dotted, wholly carbonaceous; gouge 1040-1040.5.
L 10,4,50	10,5,15	7,0	1,C,7	Qtz-Fspthic Bio > Musc-Staur Schist; as unit 54 & 62
L 10,5,15	10,5,65	7,1	1,F,8	Metabasite; variable composition of chlorite; dno-amph, biotite and fspen; unit massive to banded; blue-green to H-green.
L 10,5,65	11,0,85	7,2	1,C,7	Qtz-Fspthic Bio > Musc-Staur Schist; as unit 54 + 60 Occasional (≅ 6") bands of muscovitic schist or metabasite variable but mostly little staurolite; Fault zone, 1098-1106 w/ 40% coarse.
L 11,0,85	11,1,63	7,3	1,C,8	Qtz-Fspthic Chlor-Musc & Bio Schist; staurolitic; H-green to buff; dk banded chlor > musc > bio schist
L 11,1,63	11,4,06	7,4	1,F,0	Metabasite; as unit 71 w/ variable comp. including biotite rich 100% foot interbands @ 1119, 1125 & 1133/1135

318.6

340.2

61

347.7

Core	From	To	Unit	Code	Description
	10 14 16 20 22 23 25 27				
L 114406	11443	7.5	3.1?		Fine grained, fine banded, relative of the same as the upper portion of the unit; upper contact 55° to c.a.; lower contact is fault zone; broken core 1148-1149.3
L 11493	11505	7.6	1.C.2		Carbonaceous to Graphitic, banded fractured QFM/B schist partially exposed and altered igneous contact rock
L 11508	11823	7.7	1.C.7		Qtz-Fspathic Bio → Musc - Staur Garn Schist; as preceding 1.C.7 units Bull qtz ped 1171-1173
L 11820	118180	7.9	1.C.8		Qtz-Fspathic Musc = Chlor → Bio = Garnet = Staur = Pyrite Schist; U. green to buff; variably banded; pyritic < 1%; schist
L 118180	121150	7.9	1.C.7		Typical Qtz-Fspathic Bio → Musc - Staur → Garnet Schist; as preceding 1.C.7 units;
L 12150	12170	8.0	1.F.0		Typical Chlor-Chromoph rich Metabasite; reddish green, massive and fine grained
L 12170	13480	8.1	1.C.7		Typical Qtz-Fspathic Bio → Musc - Staur → Garnet Schist; as preceding 1.C.7 units; Musc rich band @ 1328-1329; Metabasite band 1331-1332; Unit occurs in becoming; more biotitic and garnetiferous while less banded & less Qtz-fspathic → brown color
L 13480	14263	8.2	1.C.7		Qtz-Fspathic Bio → Musc - Garnet → Staur Schist; poorly banded, biotite-rich; "mottled appearance"; periodic bull qtz bands; two minor intrusive bands @ 1382 and @ 1425 (qtz-fspar-rich)
L 14263	14273	8.3			FAULT GOUGE
L 14273	14350	8.4	1.C.7		Qtz-Fspathic Bio → Musc - Staur - Garnet Schist; as preceding 1.C.7 unit, is mottled; gouge 1434.5-1435; lower contact gradual, staurolite increase
L 14350	143180	8.5	1.C.7		Qtz-Fspathic Bio → Musc - Staur - Garnet Schist; as 1348-1348
L 14380	14420	8.6	4.A.0		
L 14420	15960	8.7	1.C.7		Typical Qtz-Fspathic Bio Musc - Staur - Garnet Schist; as 1348 Rubbin core 1442-1443 and 1453-1454 Bull Qtz Ven. Peds: @ 1542-1544 and 1549-1550.5 Muscovitic @ 1558-1559 and 1562-1563 Some staurolite blacked out zone near base of unit
L 15960	15970	8.8	1.C.0		Qtz-Fspathic Musc → Bio Schist; contact with bio + staur graphitic bands
L 15970	16653	8.9	1.G.0		Saturated Marble; w/ some metabasite bands, some schists; total marble 90%; generally white-grey white banded; unit cut at base

186.8  
07.2



Code	From		To		Feature	SYE	S <sub>1</sub>		S <sub>2</sub>		Description			
							Dip	Direct.	Dip	Direct.				
	10	14	16	20			22	24	26	28	32	34	36	
S				25	P, S, Z					70	210			
S				35	F, Z									F <sub>2</sub> axis lies down plane of S <sub>2</sub> F <sub>2</sub> axis @ 190° 20° ↘
S				50	C, S, Z					70	210			S <sub>4</sub> = 65
S				75	R, S, Z					90	000			2.0. and other on S <sub>4</sub> = 75
S				100						85	210			F <sub>2</sub> axis lies down plane of S <sub>2</sub>
S				109	F, Z									please verify. S <sub>1</sub>    S <sub>2</sub>
S				124						80	210			S <sub>4</sub> = 70
S				150						80	210			S <sub>4</sub> = 70
S				175						75	210			possible @ 177 S <sub>4</sub> = 67
S				192						80	210			
S				225	C, S, Z					75	210			S <sub>2</sub> > S <sub>1</sub> ; F <sub>2</sub> - Z also seen S <sub>4</sub> = 65
S				236	F, Z									
S				257	C, S, Z					80	210			S <sub>4</sub> = 60
S	246			256	W <sub>1</sub>									FAULT ZONE; broken / blocky core; recovery. 30°
S				274	C, S, Z					88	210			S <sub>2</sub> strand. S <sub>1</sub> S <sub>4</sub> = 70
S				300						70	210			S <sub>1</sub> symm. N/A. smoothed Z
S	303			311	W <sub>1</sub>									FAULT ZONE
S				329	P, S, Z					75	210			
S				354	C, S, Z					75	210			S <sub>4</sub> = 65, 205
S				374	C, S, Z					80	210			Incip S <sub>2</sub> S <sub>4</sub> = 60
S				400	C, S, Z					80	210			Incip S <sub>2</sub> S <sub>4</sub> = 60
S				500	C, S, Z					85	210			Incip S <sub>2</sub> S <sub>4</sub> = 70
S				528	C, S, Z					65	210			Incip S <sub>2</sub> S <sub>4</sub> = 60
S				550	C, S, Z					80	210			Zone of stop S <sub>1</sub> / S <sub>2</sub> 525-555 (S?) S <sub>4</sub> = 70
S				575	C, S, Z					80	030			Zone of Z symm (at least) 570-576
														S <sub>2</sub> dips in opp dir. to S <sub>1</sub> ; 2 F <sub>2</sub> 's S <sub>4</sub> = 60
S	586			590	C, S, Z					70	030			as above.
S				600	C, S, Z					80	210			S <sub>4</sub> = 70
S	575			605	C, S, Z					70	030			Gross Z see illustr.
S				630	C, S, Z					70	210			Straper in opp dir.
S				654	C, S, Z					85	210			S <sub>4</sub> = 68
S				676	C, S, Z					70	210			S <sub>4</sub> = 60

S 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	
S			7,0,00		E.S.4Z			80	21,0	S <sub>4</sub> = 60
S			7,270		L.S.4Z			85	21,0	S <sub>4</sub> = 65
S			7,500		L.S.4Z			80	21,0	F <sub>2</sub> 's S <sub>4</sub> = 65
S			7,735		C.S.4Z			80	21,0	S <sub>4</sub> = 75
S			8,005		L.S.4Z			80	21,0	S <sub>4</sub> = 70
S			8,250		C.S.4Z			80	21,0	S <sub>4</sub> = 65
S			8,500		F4Z			80	21,0	Zone of good folds, steep S <sub>1</sub> 836 → S <sub>1</sub> = 8
S			8,750		F4Z					= 7
S			9,010		F4Z			80	21,0	S <sub>2</sub> very flat. S <sub>1</sub>    S <sub>2</sub> <sup>SUB</sup>
S			9,265		F4Z					= 6
S			9,520		F4Z					= 5
S			9,760		F4Z					= 4
S			10,010		F4Z					= 3
S	1,0,14		1,0,170		F4Z					Good F <sub>2</sub> Z's = 2
S			1,0,240		B.F.4Z					Fracture Core & Symmetry questionable = 1
S			1,0,480		F4Z					= 2
S			1,0,770		F4Z					= 1
S			1,1,000		F4Z					Fault zone @ 10A2-1206 = 0
S			1,1,250		F4Z					= 0

Code	From		To		Feature	SYM	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			1153		C54	≡					S <sub>4</sub> = 70
S			1175		C54	≡					= 70
S			1193	0	C54	≡					excellent F <sub>2</sub> = 65
S			1223	7	C54	≡					= 60
S			1240	0	C54	≡					= 70
S			1273	0	C54	≡					= 75
S			1299	0	C54	≡					= 75
S			1327	0	C54	≡					= 80
S			1347	0	C54	≡					? = 60
S			1374	0	C54	≡					? = 75
S			1387	0	C54	≡					OK = 70
S			1399	0	C54	≡					= 75
S			1424	5	C54	≡					? = 70
S			1448	0	C54	≡					? = 75
S			1476	0	C54	≡					= 70
S			1496	5	C54	≡					? = 80
S			1517	0	C54	≡					OK = 70
S			1546	0	C54	≡					? = 65
S			1575	0	C54	≡					? = 70
S			1598	0	C54	≡					? = 75
S			1625	0	C54	≡					OK = 70
S			1650	0	C54	≡					OK = 70
S			1668	0	C54	≡					? = 65
S			1705	0	C54	≡					? = 70
S			1721	0	C54	≡					? = 70
S			1745	0	C54	≡					? = 70

Code	From	To	Sample No.	Description
P	1014	1620	120103	Unit 2. E.R. 85%
P	1014	1620	120104	Unit 2 E.R. 90%
P	1014	1620	120105	Unit 2 " 100%
P	1014	1620	120106	Unit 2 " 100%
P	1014	1620	120107	Unit 3 " 100%
P	1014	1620	120108	Unit 4 " 100%
P	1014	1620	120109	Unit 5 " 100%
P	1014	1620	120110	Unit 6 " 100%
P	1014	1620	120111	Unit 6 " 100%
P	1014	1620	120112	Unit 6 " 100%
P	1014	1620	120113	Unit 6 " 100%
P	1014	1620	120114	Unit 6 " 100%
P	1014	1620	120115	Unit 7 " 100%
P	1014	1620	120116	Unit 8 " 100%
P	1014	1620	120117	Unit 8 " 100%
P	1014	1620	120118	Unit 8 " 100%
P	1014	1620	120119	Unit 8 " 100%
P	1014	1620	120120	Unit 8 " 100%
P	1014	1620	120121	Unit 8 " 100%
P	1014	1620	120122	Unit 9 " 100%
P	1014	1620	120123	Unit 8 " 100%
P	1014	1620	120124	Unit 9 " 100%
P	1014	1620	120125	Unit 10 " 100%
P	1014	1620	120126	Unit 11 " 100%
P	1014	1620	120127	Unit 12 " 100%
P	1014	1620	120128	Unit 13 " 100%
P	1014	1620	120129	Unit 14 " 100%
P	1014	1620	120130	Unit 15 " 100%
P	1014	1620	120131	Unit 16 " 100%
P	1014	1620	120132	Unit 16 " 70%
P	1014	1620	120133	Unit 16 " 100%
P	1014	1620	120134	Unit 16 " 100%
P	1014	1620	120135	Unit 16 " 100%
P	1014	1620	120136	Unit 16 " 90%
P	1014	1620	120137	Unit 16-17 " 95%
P	1014	1620	120138	Unit 18 " 100%

Code	From			To			Sample No.	Description
	10	14	18	20	22	27		
P	31	15	0	32	2		120139	Unit 19 E.R. 100%
P	32	2	0	32	3	0	120140	Unit 20 " 95%
P	32	8	0	33	3	0	120141	Unit 20 " 100%
P	33	3	0	33	5	5	120142	Unit 21 " 100%
P	33	5	5	34	1	0	120143	Unit 22 " 100%
P	34	1	0	34	5	0	120144	Unit 23 " 100%
P	34	5	0	35	5	0	120145	Unit 24 " 100%
P	35	5	0	36	5	0	120146	Unit 24 " 100%
P	36	5	0	37	5	0	120147	Unit 24 " 100%
P	37	5	0	38	1	0	120148	Unit 24 " 100%
P	38	1	0	38	6	0	120149	Unit 25 " 100%
P	38	6	0	39	1	0	2P150	Unit 26 " 100%
P	39	1	0	39	7	0	120151	Unit 26 " 85%
P	39	7	0	40	6	0	120152	Unit 27 " 100%
P	40	6	0	41	6	0	120153	Unit 27 " 100%
P	41	6	0	42	1	0	120154	Unit 28 " 100%
P	42	1	0	43	0	0	120155	Unit 29 " 100%
P	43	0	0	50	1	0	120156	Unit 33 " 100%
P	50	1	0	50	4	0	120157	Unit 34 " 90%
P	50	4	0	51	3	0	120158	Unit 35 " 100%
P	51	3	0	51	9	0	120159	Unit 36 " 100%
P	51	9	0	52	5	0	120160	Unit 37 " 100%
P	52	5	0	53	0	5	120161	Unit 37 " 100%
P	53	0	5	53	3	0	120162	Unit 38 " 100%
P	53	3	0	53	3	0	120163	Unit 39 " 100%
P	54	3	0	55	1	0	120164	Unit 39 " 100%
P	55	1	0	56	1	0	120165	Unit 40 " 100%
P	56	1	0	56	8	0	120166	Unit 40 " 100%
P	56	8	0	57	4	5	120167	Units 41 & 42 " 100%
P	57	4	5	57	6	0	120168	Unit 42 " 100%
P	57	6	0	58	6	0	120169	Unit 44 " 100%
P	58	6	0	59	6	0	120170	Unit 44 " 100%
P	59	6	0	60	4	7	120171	Unit 44 " 100%
P	60	4	7	61	4	0	120172	Unit 45 " 100%
P	61	4	0	62	1	0	120173	Unit 45 " 100%
P	62	1	0	63	1	0	120174	Unit 46 " 100%

## Geochemical Log (Sampler's Copy)

Logged By: MASSampled By: ME

Code	From	To	Sample No.	Description
P	6310	6410	2075	Unit 46 E.R. 100%
P	6410	6480	2076	Unit 46 " 100%
P	6480	6580	2077	Unit 48 " 100%
P	6581	6610	2078	Unit 49 " 100%
P	6610	6640	2079	Unit 50 " 100%
P	6640	6680	2080	Unit 51 " 100%
P	6680	6695	2081	Unit 52 " 100%
P	6695	6715	2082	Unit 53 " 100%
P	6715	6775	2083	Unit 54 " 100%
P	6775	6835	2084	Unit 54 " 100%
P	6835	6860	2085	Unit 55 " 100%
P	6860	6960	2086	Unit 56 " 100%
P	6960	7060	2087	Unit 56 " 100%
P	7060	7160	2088	Unit 56 " 100%
P	7160	7260	2089	Unit 56 " 100%
P	7260	7360	2090	Unit 56 " 100%
P	7360	7460	2091	Unit 56 " 100%
P	7460	7560	2092	Unit 56 " 100%
P	7560	7650	2093	Unit 56 " 95%
P	7650	7750	2094	Unit 56 " 100%
P	7750	7850	2095	Unit 56 " 100%
P	7850	7950	2096	Unit 56 " 100%
P	7950	8050	2097	Unit 56 " 100%
P	8050	8150	2098	Unit 56 " 100%
P	8150	8250	2099	Unit 56 " 100%
P	8250	8350	2100	Unit 56 " 100%
P	8350	8450	2101	Unit 56 " 100%
P	8450	8550	2102	Unit 56 " 100%
P	8550	8610	2103	Unit 56 " 100%
P	8610	8710	2104	Unit 57 " 100%
P	8710	8810	2105	Unit 57 " 100%
P	8810	8910	2106	Unit 57 " 100%
P	8910	8980	2107	Unit 57 " 100%
P	8980	9060	2108	Unit 57 " 100%
P	9060	9115	2109	Unit 58 " 100%
P	9115	9215	2110	Unit 59 " 100%

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 76 DS 3

Fabric Orientation Diagram:

Project: ANVIL

Location: FARO, Y.T.

Claim: FARO

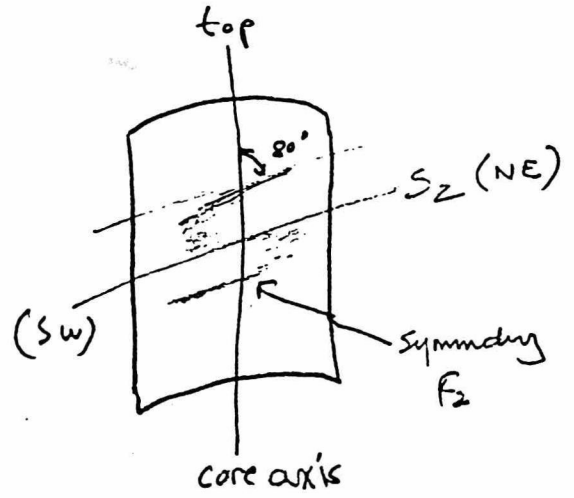
Terr. Plane Co-ords.: \_\_\_\_\_ N

\_\_\_\_\_ E

Grid Co-ords.: 4,518 N  
(Orthophoto)

14,444 E

Elevation: 3725 (MSL)



All symmetry determinations looking

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

SW with dip azimuth 210.

Total Depth: 723 incomplete due to strike

Purpose: Section 142; joint engineering dumpsite - exploration strat shot.

Logged by: M.A. Stammers

Date(s) Logged: JULY 1976

Drilling Contractor: E. Canon

Core:	Size	From	To	Collar Cased and Capped:
				<u>35'</u>

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



Code	From	To	Unit	Code	Description	
	10	14	16	20	22 23 25 27	
L	10	13.5	1	#		Overburden
L	13.5	133	2	1, P, 0		Typical KBMAS; unit med grey, mod. carbonaceous bio-musc schist, thin, banded, mod. porphyroblastic; broken core 35-54, 117-133 40.5 bdl qtz pod @ 108.5-111; increase in qtz bands from 80'; broken core accompanied by musc gouge
L	133	199	3	0, D, 8		Hb-Bio-Plag Diorite; lt grey w/ plag > bio = hb phenocrysts 60.7 fine to medium xline; upper contact: fault gouge @ 133-134 Altered diorite, qtz bands, and fractured core @ 162-164.5
L	199	224	4	1, C, D		TRANSITION ZONE SCHIST; med grey - to buff brown, medium banded-schistose, w/ky porphyroblastic; musc = bio schist; variably biotitic, broken core 212-224; very well banded, andalusite bearing
L	224	227	5	1, F, 0		Metabasite; chlor-clinoamph +/- biotite, massive to w/ky banded med to dk green; rubble core 224-225.5
L	227	268	6	1, C, D		TRANS ZONE SCHIST; as unit 4; musc = bio schist; unit becomes very well banded downhole
L	268	270	7	1, C, D		(Questionable) But Chlor-rich Schist / metabasite; lt grey-green banded, biotitic, unit 7 - musc > chlorite trans zone schist
L	270	273	8	1, G, D		TRANS ZONE SCHIST; buff musc > bio schist; unit approaching bleached WME proportions
L	273	278	9	0, A, 2		BALL QTZ POD w/ diach fault inclusion @ 275.5-276
L	278	281	10	0, D, 8		1" XLINE; w/ky porphyroblastic; v. fine, mafic (bio-hb) matrix approaching hornfels;
L	281	303	11	1, C, D		TRANS ZONE SCHIST; as units 4 & 6; very well banded, musc = bio schist; lower contact gradational
L	303	310	12	1, C, D		Musc-rich TRANS ZONE SCHIST; as units 7 & 8; 4" metabasite bands @ 304 and 307; musc > bio schist; interval appears to be exhibiting characteristics of a schist/metabasite contact Metabasite
L	310	315	13	1, F, 5		Banded biotitic metabasite; weakly calcareous (min a few bands) interval as unit 5; but w/ distinctive matrix, banding
L	315	317	14	1, C, D		TRANS ZONE SCHIST as units 4, 6 and 11
L	317	320	15	1, F, 0		METABASITE; as unit 5
L	320	328	16	1, C, D		TRANS ZONE SCHIST, as units 4, 6, 11 & 14
L	328	331	17	1, F, 5		Metabasite (60% as unit 13) and Trans Zone Schist (40% as unit 4) as an interbanded sequence, reappearance of metabasite could indicate in field repetition

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Code	From	To	Unit	Code	Description
	10 14 16	20	22 23	25 27	
L	3,311	3,594	18	1, C, D	TRANS ZONE SCHISTS; as units 6, 11, 14 & 16 unit musc > bio schist, good banding
L	3,594	3,902	19	0, D, 8	Hb-Bio Plag Diorite; as units 3 and 10; upper contact 325° to c.a.; no gneiss etc., lower contact 60-65° to c.a.
L	3,902	4,750	20	1, C, 7	Muscovitic Qtz Felsitic Stau-Bio Schist; unit is lt grey buff, wk medium banding, moderate, staurolitic, musc > bio schist, unit of 76x18' isolated musc & c.a. schists; boundary from transition zone schists difficult to ascertain because quartzites, biotite increasing down hole.
L	4,750	5,120	21	1, C, 6	Clotted Musc > Bio ± Stau ± Garnet Qtz Felsitic Schist unit heavy-buff; clotted to massive, w/ky staurolitic
L	5,120	5,500	22	1, C, 7	Qtz Felsitic Musc = Bio - Stau ± Garnet Schist; as unit 20 but contains biotite and better banding
L	5,500	6,077	23	1, C, 0	Qtz Felsitic Musc > Bio ± Stau ± Garnet Schist; as unit 21, w/ky clotted, musc > bio schist, possible schists, w/ky biotite base; 107 interbands @ 568-56° and 575-578 buff Qtz vein/pod @ 572.7-575; unit as 76x18 Qtz-Metabasch. interband @ 603-605; <sup>DB</sup> muscovitic
L	6,077	6,432	24	0, D, 8	Hb-Bio-Plag Diorite; as units 3, 10 and 19; partly crystallized @ 614-618 and 633-634; upper contact irregular, lower contact ≈ 80° to c.a.
L	6,432	6,530	25	1, C, 6	Qtz Felsitic Musc > Bio Schist; as unit 21 and 23 non-staurolite bearing.
L	6,530	7,232	26	1, C, 7	Qtz Felsitic Musc > Bio Stau Garnet Schist; as unit 20 and 22 unit w/ky in staurolite bearing moderate, variable biotite Hole terminated due to Cyprus Anvil labor dispute with the Federal Anti-Inflation Board (R.I.P.)

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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	
C				350	C.S.4								good lithon struct. ; S <sub>2</sub> = 65-70 S <sub>4</sub> = 65	
S				500	C.S.4								S <sub>2</sub> = 65-70 70	
S				550	F.4Z								65	
S				740	C.S.4								65	
S				910	F.4Z								70	
S				1000	C.S.4Z					75	210		65	
S				1215						65	210	S <sub>1</sub> → S <sub>2</sub> S <sub>2</sub> = 55-60	60	
S				1320	P.S.4								S <sub>2</sub>    S <sub>4</sub> 45	
	1330			1900									DORME	
S				2000	C.S.4Z								F <sub>2</sub> 60	
S				3200									Post Structure 65	
S				3350	C.S.4Z								S <sub>2</sub> = 60-65 60	
S				3500	C.S.4Z								S <sub>2</sub> = 55-60 60	
S				3700	C.S.4								65	
S				3900	P.S.4								65	
S				3920	C.S.4								70	
S				3930	C.S.4Z								65	
S				3950	C.S.4Z								70	
S				4000	P.S.4								60	
S				4140	C.S.4								70	
S				4270	C.S.4Z								70	
S				4525	C.S.4Z								70	
S				4740	C.S.4Z					80	210	Expect S <sub>1</sub> & S <sub>2</sub> relationship	70	
S				5000	P.S.4								S <sub>1</sub>    S <sub>2</sub> 75	
S				5320	C.S.4Z								75	
S				5500	C.S.4Z								65	
S				5770	C.S.4Z								65	
S				6000	P.S.4								65	
S				6550	C.S.4Z								wh F <sub>2</sub> fault 70	
S				6750	P.S.4								70	
S				6980	P.S.4								70	
S				7180	C.S.4Z								wh F <sub>2</sub> fault V 70	

DDH 36 D.S.3  
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Cyprus Anvil Mining Corp.

## Geochemical Log (Sampler's Copy)

Page 6 of 7  
Logged By: MAS  
Sampled By: ME

Code	From		To		Sample No.		Description
	10	14	16	20	22	27	
P	350		450		1808		Unit 2 E.R. 70%
P	450		550		1809		Unit 2 " 75%
P	550		650		1810		Unit 2 " 100%
P	650		750		1811		Unit 2 " 100%
P	750		850		1812		Unit 2 " 100%
P	850		950		1813		Unit 2 " 100%
P	950		1050		1814		Unit 2 " 100%
P	1050		1150		1815		Unit 2 " 100%
P	1150		1250		1816		Unit 2 " 85%
P	1250		1330		1817		Unit 2 " 80%
P	1330		1400		1818		Unit 4 " 80%
P	1400		1490		1819		Unit 4 " 85%
P	1490		1524		1820		Unit 4 " 15%
P	1524		1527		1821		Unit 5 " 90%
P	1527		1537		1822		Unit 6 " 100%
P	1537		1547		1823		Unit 6 " 100%
P	1547		1557		1824		Unit 6 " 100%
P	1557		1565		1825		Unit 6 " 100%
P	1565		1570		1826		Unit 7 " 100%
P	1570		1573		1827		Unit 8 " 100%
P	1573		1579		1828		Unit 11 " 100%
P	1579		1583		1829		Unit 11 " 100%
P	1583		1590		1830		Unit 12 " 100%
P	1590		1595		1831		Unit 13 " 100%
P	1595		1598		1832		Unit 14 " 100%
P	1598		1605		1833		Unit 15 " 100%
P	1605		1625		1834		Unit 16 " 100%
P	1625		1631		1835		Unit 17 " 100%
P	1631		1641		1836		Unit 18 " 100%
P	1641		1651		1837		Unit 19 " 100%
P	1651		1659		1838		Unit 18 " 100%
P	1659		1690		1839		Unit 20 " 100%
P	1690		1710		1840		Unit 20 " 100%
P	1710		1720		1841		Unit 20 " 100%
P	1720		1730		1842		Unit 20 " 100%
P	1730		1735		1843		Unit 20 " 100%

