

DY SUMMARY LOGS 1979

	<u>Received</u>	<u>Completed</u>
79-X-01	<u>✓</u>	<u>✓</u>
02	<u>✓</u>	<u>✓</u>
03	<u>✓</u>	<u>✓</u>
04	<u>✓</u>	<u>✓</u>
05	<u>✓</u>	<u>✓</u>
06	<u>✓</u>	<u>✓ (NOT CHECKED)</u>
07	<u>✓</u>	<u>_____</u>
08	<u>✓</u>	<u>_____</u>
09	<u>✓</u>	<u>_____</u>
10	<u>Abdn.</u>	<u>MA</u>
11	<u>✓</u>	<u>_____</u>
12	<u>✓</u>	<u>_____</u>
13	<u>✓</u>	<u>_____</u>
14	<u>✓</u>	<u>_____</u>
15	<u>✓</u>	<u>_____</u>
16	<u>_____</u>	<u>_____</u>

OLD DY



Code	From	To	Sample No.	Description				
1	10	14	16	20	22	27	unit	rec.
P	151816	3	151818	1	127443	4D0		
P	151819	1	151819	8	127444	4D0		1.7
P	151819	8	151911	1	127445	4A3		1.3
P	151911	1	151923	3	127446	4D0/4A3		1.2
P	151923	3	151938	8	127447	4D0		1.5
P	151938	8	151948	8	127448	4D0		1.0
P	151948	8	151962	2	127449	4D0		1.6
P	151962	2	151980	0	127510	4D0		1.8
P	151980	0	16000	0	127511	4D0		2.0
P	16000	0	16020	0	127512	4D0		2.0
P	16020	0	16032	2	127513	4D0		1.2
P	16032	2	16042	2	127514	5D6/4E6		1.0
P	16083	3	16092	2	127515	4H0		0.9
P	14510	7	14511	1	1315117	4C0		0.4
P	161418	4	161418	8	1315118	4C0		0.4

samples shipped June 7/78







79-X-01

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 79X-01

Fabric Orientation Diagram:

Project: DY

Location: Vangorda Plateau

Claim: DY 184

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

Grid Co-ords.: 15+00E, 75S E

Elevation: \_\_\_\_\_

Total Depth: \_\_\_\_\_

Purpose: DY fill-in section 15+00

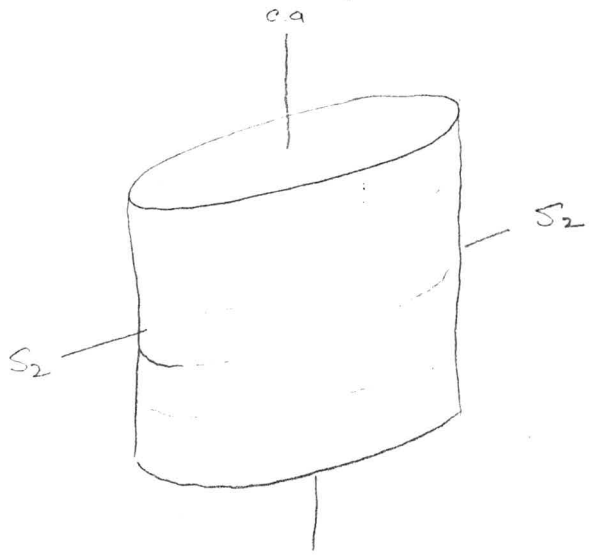
Logged by: BUH/DSJ

Date(s) Logged: April 11 -

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

<u>NQ</u>	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

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



All symmetry determinations looking NW with S2 dipping SW with dip azimuth 185.



Lithologic Log

Code	From	To	Unit	Code	Description
	10 14	16 20	22 23	25 27	
L	1000	1054	11	#	O/B
L	1054	1160	2	5B,0	Monotonous interval of typical 5B w/ prevalent OAO "pods/sweats"; no significant variations over entire interval
L	1160	1410	13	5B,6	Non-calc, numerous OAO "sweats"
L	1410	1803	14	5B,0	} Entire interval 5.4 to 239.2 M is 5B w/ only significant variation $\equiv$ CO <sub>3</sub> <sup>-</sup> content
L	1803	11127	15	5B,6	
L	11127	11138	16	5B,0	
L	11138	11211	17	5B,6	
L	11211	11272	18	5B,0	
L	11272	11595	19	5B,6	
L	11595	11721	10	5B,0	
L	11721	12001	11	5B,6	
L	12001	12392	12	5B,0	
L	12392	12552	13	OC,6	
L	12552	12813	14	5B,0	
L	12813	12969	15	5D,0	
L	12969	13097	16	5B,6	
L	13097	13464	17	5B,0	
L	13464	13488	18	5B,6	
L	13488	13515	19	5B,0	
L	13515	13543	20	5B,7	
L	13543	13638	21	5B,0	
L	13638	13659	22	5B,7	
L	13659	13815	23	5B,0	
L	13815	13859	24	5B,6	
L	13859	14077	25	5B,0	
L	14077	14117	26	5B,6	
L	14117	14116	27	5B,0	
L	14116	14199	28	5B,6	
L	14199	14230	29	5B,7	
L	14230	14273	30	5D,6	
L	14273	14296	31	5B,6	
L	14296	14717	32	5B,0	
L	14717	14788	33	5D,3	
L	14788	14849	34	5B,0	

Core	From	To	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
L	14788	14867	35	5B7	
L	14867	15010	36	5B0	
L	15010	15078	37	5B7	
L	15078	15098	38	5A7	
L	15098	15103	39	4K0	
L	15103	15106	40	5D6	
L	15106	15114	41	4K0	
L	15121	15129	42	5D6	
L	15129	15170	43	4K0	unit calcareous 512.9 → 513.8 suspect $CaCO_3$
L	15170	15187	44	4E0	unusual 0.1m bands of magnetite 516.0-516.6
L	15187	15191	45	5D3	
L	15191	15240	46	4C0	
L	15240	15243	47	5D9	→ 5D6
L	15243	15252	48	4K0	
L	15252	15254	49	5D3	
L	15254	15257	50	4E0	
L	15257	15281	51	4L0	unit = lt. gy. py phyllite, not W.M.E.
L	15281	15284	52	4K0	
L	15284	15288	53	4E0	
L	15288	15304	54	4A0	Breccia, post $F_2$ , as clasts are foliated with random orientations, abundant pyrite within a rock flour silica matrix 529.6 → 530.4
L	15304	15323	55	5A0	
L	15323	15329	56	4A0	
L	15329	15350	57	4K0	
L	15350	15360	58	4A0	
L	15360	15367	59	4K0	
L	15367	15380	60	4L0	unit is thinly banded white to beige quartz muscovite phyllitic intercalated with py lam 1mm thick. unit vfg massive not markedly phyllitic.
L	15380	15403	61	4K0	
L	15403	15454	62	4L	alternating bands of chl and mus, originally a tuff?

Core	From	To	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
L	151454	151460	613	4L17	contains more pyrite than #62
L	151460	151473	614	4L10	same as #62
L	151473	151492	615	4C15	
L	151492	151510	616	4D10	visible galena
L	151510	151545	617	4L17	appears to be more thinly banded than #62
	111	111	1	11	
L	151545	151616	618	4A11	
L	151616	151725	619	5B10	
L	151725	151798	710	5D10	
L	151798	161053	711	5B10	
L	161053	161083	712	5D10	
L	161083	161439	713	5D17	
L	161439	161510	714	5A10	
L	161510	161627	715	4A10	appears to contain minor sph bands 651.0 - 651.2 4E0
	111	111	1	11	
L	161627	161702	716	5A19	
L	161702	161762	717	4L17	similar to #62 except there is considerably less chlorite! - gouge zone 675.0 - 681.3 m.
	111	111	1	11	
	111	111	1	11	
L	161762	161787	718	5A10	
L	161787	161813	719	4L17	similar to # 77
L	161813	161820	810	4C15	vuggy, due to the dissolution of CaCO <sub>3</sub> , possibly related to water circulating within the gouge zone
	111	111	1	11	
	111	111	1	11	
L	161820	161835	811	4G10	
L	161835	161840	812	4L17	similar to #62 gouge zone 683.5-684.2
L	161840	161860	813	5A10	gouge zone 685.9 - 686.0 m
L	161860	161958	814	5B12	-SB6 Breccia zone pre S <sub>2</sub> 657.7, gouge zone 688.4-688.9
L	161958	161965	815	5B16	
L	161965	170133	816	5B12	-SB6
L	170133	170190	817	5B16	small pyritic band 3-4 cm 704.1 m
L	170190	171163	818	5B12	-SB6
L	171163	171195	819	5B12	
L	171195	172199	910	5B10	
L	172199	172162	911	5A10	
L	172162	172819	912	5D10	

Handwritten notes on the left margin:  
 2  
 32.4  
 683.5  
 684.2



DDH  $\frac{79-X-01}{2 \quad 8}$ 

Cyprus Anvil Mining Corp.

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## Structural Log

Logged By: BvH/DSS

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
S				54	F <sub>12</sub> S							triconed - no core 0-54m
S				93	C <sub>1</sub> S <sub>12</sub> Σ			55	185			S sym 5.4-9.3 m.
S				120	F <sub>12</sub> Σ			75	185			Z sym 9.3-12.0 m
S				141	F <sub>12</sub> Σ							S sym 120-14.1 m
S				176	F <sub>12</sub> Σ			70	185			Z sym 14.1-17.6 m
S				229	C <sub>1</sub> S <sub>12</sub>			75	185			
S				30.0	C <sub>1</sub> S <sub>12</sub>			68	185			
S				342	F <sub>12</sub> Σ							S sym 17.6-34.2 m
S				375	C <sub>1</sub> S <sub>12</sub>			70	185			
S				435	C <sub>1</sub> S <sub>12</sub>			72	185			
S				503	C <sub>1</sub> S <sub>12</sub>			82	185			
S				526	F <sub>12</sub> Σ							Z sym 34.2-52.6 m
S				568	C <sub>1</sub> S <sub>12</sub>			50	185			
S				591	F <sub>12</sub> Σ							S sym 52.6-59.1 m
S				634	C <sub>1</sub> S <sub>12</sub>			82	185			
S				689	F <sub>12</sub> Σ							Z sym 59.1-68.9 m
S				695	C <sub>1</sub> S <sub>12</sub>			90	185			
S				750	C <sub>1</sub> S <sub>12</sub>			78	185			
S				796	F <sub>12</sub> Σ							S sym 68.9-79.6 m
S				832	C <sub>1</sub> S <sub>12</sub>			60	185			
S				863	F <sub>12</sub> Σ							Z sym 79.6-86.3 m
S				884	C <sub>1</sub> S <sub>12</sub>			83	185			
S				894	F <sub>12</sub> Σ							S sym 86.3-89.4 m
S				922	F <sub>12</sub> Σ							Z sym 89.4-92.2 m
S				950	C <sub>1</sub> S <sub>12</sub>			75	185			
S				1012	C <sub>1</sub> S <sub>12</sub>			84	185			
S				1073	C <sub>1</sub> S <sub>12</sub>			73	185			
S				1141	C <sub>1</sub> S <sub>12</sub>			78	185			
S				1200	C <sub>1</sub> S <sub>12</sub>			78	185			
S				1262	C <sub>1</sub> S <sub>12</sub>			83	185			
S				1262	F <sub>12</sub> Σ							S sym 92.2-126.2 m
S				1333	C <sub>1</sub> S <sub>12</sub>			76	185			
S				1394	C <sub>1</sub> S <sub>12</sub>			72	185			
S				1451	C <sub>1</sub> S <sub>12</sub>			70	185			
S				1512	C <sub>1</sub> S <sub>12</sub>			70	185			
S				1573	C <sub>1</sub> S <sub>12</sub>			73	185			

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
S				157	3		F23					Z sym 1262-157.3m
S				160	0		F2E					S sym 157.3-160.0m
S				163	3		C512			712	11815	
S				169	5		C512			715	11815	
S				176	0		C512			718	11815	
S				182	1		C512			716	11815	
S				186	3		C512			910	11815	
S				192	0		F23					Z sym 160.0-192.0m
S				193	0		C512			516	11815	
S				198	4		C512			613	11815	
S				207	6		C512			613	11815	
S				214	5		F2S			910	11815	S sym 192.0-214.5
S				221	5		F2S			910	11815	INT 214.5-221.5 S2=horiz
S				226	5		C512			715	11815	
S				233	9		C512			710	11815	
S				239	2		C512			617	11815	
S				255	2		C512			812	11815	
S				261	0		C512			813	11817	!
S				267	0		C512			610	11817	
S				271	10		F2E					S sym 214.5-271.0
S				273	7		C512			719	11815	
S				275	7		F23					Z sym. 271.0-275.7
S				279	2		C512			710	11815	
S				281	4		F2E					S sym. 275.7-281.4
S				285	6		C512			712	11815	
S				285	6		F23					Z sym. 281.4-285.6m
S				287	2		F2E					S sym. 285.6-287.2m
S				287	1		C512			719	11815	
S				288	5		C512			812	11815	
S				288	5		F23					Z sym. 287.2-288.5m
S				291	3		C512			618	11815	
S				294	4		C512			713	11815	
S				296	9		C512			715	11815	
S				299	3		F2E					S sym 288.5-299.3m
S				302	5		F23					Z sym 299.3-302.5
S				303	3		F2E					S sym 302.5-303.3

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
S				303.6	C/S <sub>12</sub>			80	18.5			
S				305.8	F <sub>123</sub>							Z sym 303.3 - 305.8
S				309.7	C/S <sub>12</sub>			85	18.5			
S				311.3	F <sub>12Σ</sub>							S sym 305.8 - 313.0
S				318.3	C/S <sub>12</sub>			82	18.5			
S				324.3	C/S <sub>12</sub>			88	18.5			
S				330.4	C/S <sub>12</sub>			85	18.5			
S				336.5	C/S <sub>12</sub>			83	18.5			
S				339.3	F <sub>123</sub>							Z sym 313.0 - 339.3
S				342.6	C/S <sub>12</sub>			86	18.5			
S				345.8	F <sub>12Σ</sub>							S sym 339.3 - 345.8
S				347.7	F <sub>12Z</sub>							P <sub>S2</sub> 347.7 - 349.1
S				348.8	P/S <sub>12</sub>			89	18.5			
S				355.9	F <sub>123</sub>							Z sym 345.8 - 355.9
S				355.9	C/S <sub>12</sub>			82	18.5			
S				359.6	F <sub>12Σ</sub>							S sym 355.9 - 359.6
S				362.7	C/S <sub>12</sub>			76	18.5			
S				362.9	F <sub>123</sub>							Z sym 359.6 - 362.9
S				366.5	F <sub>12Σ</sub>							S sym 362.9 - 366.5
S				368.8	C/S <sub>12</sub>			72	18.5			
S				369.4	F <sub>123</sub>							Z sym 366.5 - 369.4
S				373.4	C/S <sub>12</sub>			62	18.5			
S				378.6	F <sub>12Σ</sub>							S sym 369.4 - 378.6
S				378.7	C/S <sub>12</sub>			72	18.5			
S				382.8	C/S <sub>12</sub>			72	18.5			
S				387.9	F <sub>123</sub>				18.5			Z sym 378.6 - 387.9
S				388.9	C/S <sub>12</sub>			73	18.5			
S				393.6	F <sub>12Σ</sub>							S sym 387.9 - 393.6
S				395.0	C/S <sub>12</sub>			80	18.5			
S				402.6	C/S <sub>12</sub>			81	18.5			
S				409.0	C/S <sub>12</sub>			70	18.5			
S				416.3	C/S <sub>12</sub>			75	18.5			
S				418.5	F <sub>123</sub>							Z sym 393.6 - 418.5
S				422.4	C/S <sub>12</sub>			70	18.5			
S				427.3	C/S <sub>12</sub>			85	18.5			
S				432.1	F <sub>12Σ</sub>							S sym 418.5 - 432.1

## Structural Log

Code	From		To		Feature	SYE	S <sub>1</sub>		S <sub>2</sub>		Description	
	Dip	Direct.	Dip	Direct.			Dip	Direct.	Dip	Direct.		
	10	14	16	20	22	24	26	28	32	34	38	
S			433	4	CISZ				75	185		
S			433	5	F23							Z sym 432.1 - 433.5
S			439	5	CISZ				75	185		
S			441	0	F2E							S sym 433.5 - 441.0
S			446	1	CISZ				75	185		
S			451	4	CISZ				83	185		
S			456	9	CISZ				80	185		
S			463	3	CISZ				76	185		
S			469	7	CISZ				81	185		
S			476	0	F2Z							PS <sub>2</sub> 476.0 - 478.5
S			476	6	PS <sub>2</sub>				88	185		
S			478	9	F23							Z sym 476.0 - 478.9
S			482	2	CISZ				85	185		
S			484	9	F2E							S sym 478.9 - 484.9
S			486	4	F23							Z sym 484.9 - 486.4
S			489	5	CISZ				82	185		
S			495	6	CISZ				85	185		
S			500	0	F2E							S sym 486.4 - 500.0
S			502	6	CISZ				88	185		
S			504	5	F23							Z sym 500.0 - 504.5
S			509	0	FISZ				71	185		
S			511	0	F2E							S sym 504.5 - 510.4
S			516	3	CISZ				72	185		
S			516	7	F23							Z sym 510.4 - 516.7
S			519	6	F2E							S sym 516.7 - 519.6
S			521	1	F23							Z sym 519.6 - 521.1
S			522	7	CISZ				76	185		
S			522	7	F2E							S sym 521.1 - 522.7
S			525	4	F23							Z sym 522.7 - 525.4
S			528	8	CISZ				70	185		
S			535	2	CISZ				75	185		
S			541	3	CISZ				82	185		
S			547	4	CISZ				78	185		
S			553	2	CISZ				81	185		
S			559	8	CISZ				72	185		
S			565	7	CISZ				84	185		

Structural Log

Code	From		To		Feature	E Dip	S <sub>1</sub> Dip Direct.		S <sub>2</sub> Dip Direct.		Description		
	10	14	16	20			22	24	26	28		32	34
S					151711	8	CIS	12			710	11815	
S					1517179		CIS	12			712	11815	
S					151840		CIS	12			810	11815	
S					151844		F2	Σ					S sym 525.4 - 584.4 m
S					151853		F2	3					Z sym 584.4 - 585.3 m
S					151895		F2	Σ					S sym 585.3 - 589.5 m
S					159111		F2	3					Z sym 589.5 - 591.1 m
S					159111		CIS	12			810	11815	
S					159162		CIS	12			811	11815	
S					161023		CIS	12			617	11815	
S					161084		CIS	12			810	11815	
S					161146		CIS	12			815	11815	
S					161205		CIS	12			812	11815	
S					161266		CIS	12			718	11815	
S					161327		CIS	12			718	11815	
S					161388		CIS	12			713	11815	
S					161449		CIS	12			716	11815	
S					1615110		CIS	12			816	11815	
S					1615131		F2	Σ					S sym 591.1 - 653.1 m
S					1615171		F2	3					Z sym 653.1 - 657.1 m
S					1615171		CIS	12			719	11815	
S					161578		F2	Σ					S sym 657.1 - 657.8 m
S					161584		F2	3					Z sym 657.8 - 658.4 m
S					1616102		F2	Σ					S sym 658.4 - 660.2 m
S					161613		F2	3					Z sym 660.2 - 661.3 m
S					161634		CIS	12			716	11815	
S					161644		F2	Σ					S sym 661.3 - 664.4 m
S					161696		CIS	12			616	11815	
S					161726		F2	3					Z sym 664.4 - 672.6 m
S					161789		CIS	12			710	11815	
S					161841		CIS	12			614	11815	
S					161841		F2	Σ					S sym 672.6 - 684.1
S					161860		F2	3					Z sym 684.1 - 686.0
S					161912		CIS	12			618	11815	
S					161947		F2	Σ					S sym 686.0 - 694.7
S					161967		CIS	12			811	11815	



Code	From	To	Sample No.	Description
	10 14 16 20 22 27			
P	15098	15114	1100107	1.6 m 4K0 + SD6
P	15114	151129	1100108	1.5 m 4K0 + SD6
P	151129	151149	1100109	2.0 m 4K0
P	151149	151170	1100110	2.1 m 4K0
P	151170	151187	1100111	1.7 m 4E0
P	151187	15207	1100112	2.0 m 4C0 + SD3
P	15207	15227	1100113	2.0 m 4C0
P	15227	15243	1100114	1.6 m 4C0 + SD9
P	15243	15257	1100115	1.4 m 4K0 + 4E0 + SD3
P	15257	15267	1100116	1.0 m 4L0
P	15267	15281	1100117	1.4 m 4L0
P	15281	15288	1100118	0.7 m 4K0 + 4E0
P	15288	15304	1100119	1.6 m 4A0
P	15323	15329	1100210	0.6 m 4A0
P	15329	15350	1100211	2.1 m 4K0
P	15350	15360	1100212	1.0 m 4A0
P	15360	15367	1100213	0.7 m 4K0
P	15367	15380	1100214	1.3 m 4L0
P	15380	15403	1100215	2.3 m 4K0
P	15454	15460	1100218	0.6 m 4L0
P	15473	15492	1100217	1.9 m 4C5
P	15492	15501	1100218	0.9 m 4D0
P	15545	15565	1100219	2.0 m 4A1
P	15565	15585	1100230	2.0 m 4A1
P	15585	15605	1100231	2.0 m 4A1
P	15605	15616	1100232	1.1 m 4A1
P	165109	16529	1100313	2.0 m 4A0
P	16529	16549	1100314	2.0 m 4A0
P	16549	16569	1100315	2.0 m 4A0
P	16569	16589	1100316	2.0 m 4A0
P	16589	16609	1100317	2.0 m 4A0



79-X-02

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 79-X-02

Fabric Orientation Diagram:

Project: DY

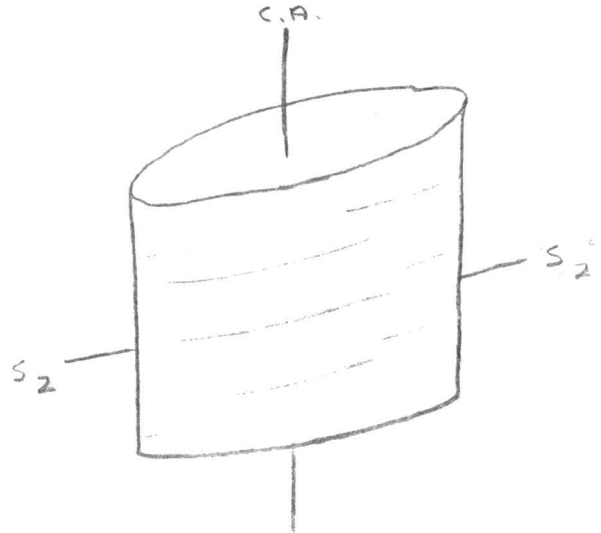
Location: Vangorda Plateau

Claim: DY 43

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

\_\_\_\_\_ E

Grid Co-ords.: 19+50 E 75 S



All symmetry determinations looking

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

SW with dip azimuth 185.

Elevation: \_\_\_\_\_

Total Depth: \_\_\_\_\_

Purpose: To extend the ore zone

Logged by: BYH

Date(s) Logged: April 26-

Drilling Contractor:

Artic

Core: Size From To Collar Cased and Capped: \_\_\_\_\_

NQ 13.5 \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Started: April 12, 1977 Completed: \_\_\_\_\_



Lithologic Log

Code	From	To	Unit	Code	Description
L	1010	1014	10	10	
L	1014	1016	11	11	#1 0/B
L	1016	1020	12	5B16	random 090 "pods/sweats"
L	1020	1022	13	0910	contact // to S <sub>2</sub> foliation
L	1022	1023	14	5B12	} random 090 "pods/sweats" generally < 5 cm wide
L	1023	1025	15	5D10	
L	1025	1027	16	5B12	
L	1027	1041	17	5B10	gouge zone 100.7 - 100.8 m
L	1041	1119	18	5B16	
L	1119	1121	19	5B10	
L	1121	1129	110	5B16	
L	1129	1132	111	5B12	
L	1132	1133	112	5B10	
L	1133	1172	113	5B12	gouge zone 139.6 - 146.6 m
L	1172	1185	114	5B10	
L	1185	1191	115	5B16	
L	1191	1210	116	5B10	
L	1210	1215	117	5B16	
L	1215	1218	118	0910	
L	1218	1228	119	5B16	
L	1228	1229	120	5B10	
L	1229	1237	121	5B16	
L	1237	1239	122	5B10	
L	1239	1240	123	5B17	
L	1240	1241	124	5B10	
L	1241	1243	125	5B16	
L	1243	1245	126	5B10	
L	1245	1251	127	5B16	Fault zone 255.8 m
L	1251	1258	128	5D13	small band of talc T.S. 259.9 m
L	1258	1261	129	5B16	
L	1261	1264	130	5D10	
L	1264	1266	131	5B10	
L	1266	1268	132	5B17	
L	1268	1271	133	5B10	
L	1271	1274	134	5D13	
L	1274	1284	135	5B10	
L	1284	1285	136	5D13	

Lithologic Log

Code	From	To	Unit	Code	Description
1	10 14 16 20 22 23 25 27				
L	121815 4	121912 7	317	51B10	
L	121912 7	121917 5	318	51D13	
L	121917 5	131016 7	319	51B16	
L	131016 7	131111 0	410	51D10	
L	131111 0	131111 6	411	51B16	
L	131111 6	131112 6	412	51D13	
L	131112 6	131113 9	413	51B17	
L	131113 9	131116 0	414	51B10	
L	131116 0	131119 1	415	51B17	- 5 B 73
L	131119 1	131211 8	416	51B10	
L	131211 8	131215 7	417	51B17	- 5 B 73
L	131215 7	131216 6	418	51B10	
L	131216 6	131218 7	419	51D13	
L	131218 7	131311 0	510	51B12	
L	131311 0	131315 6	511	51B10	gauge zone 334.3 - 335.2 m.
L	131315 6	131415 1	512	51B17	- 5 B 73 calcite leached zone extending
L	1 1 1	1 1 1	1	1 1	from 335.2 - 338.3 m. vuggy in appearance
L	131415 1	131417 3	513	51B10	
L	131417 3	131611 9	514	51D13	Exotic clast of SAO 3 x 4 cm.
L	131611 9	131616 2	515	51B10	
L	131616 2	131715 6	516	51B17	
L	131715 6	131717 1	517	51D13	
L	131717 1	131911 7	518	51B10	
L	131911 7	141013 0	519	51B12	
L	141013 0	141213 6	610	51B10	
L	141213 6	141214 6	611	51D16	
L	141214 6	141312 0	612	51B10	
L	141312 0	141313 5	613	51B12	
L	141313 5	141315 1	614	51B10	
L	141315 1	141316 5	615	51A13	
L	141316 5	141411 5	616	51B10	
L	141411 5	141419 6	617	51B17	
L	141419 6	141510 0	618	51B10	
L	141510 0	141517 4	619	51D13	
L	141517 4	141613 4	710	51B10	
L	141613 4	141615 3	711	51B17	- 5 B 73

Code	From		To		Unit		Code		Description
	10	14	16	20	22	23	25	27	
L	146	153	146	182	712		51B10		
L	146	182	147	117	713		01E18		
L	147	117	148	158	714		01B17		
L	148	158	148	188	715		01E18		
L	148	188	149	184	716		51B10		
L	149	184	150	126	717		5D13		
L	150	126	152	144	718		51B10		
L	152	144	152	191	719		51D13		
L	152	191	153	135	810		51D11		
L	153	135	153	167	811		51B12		
L	153	167	153	185	812		4L11	very similar to 5D, more siliceous.	
L	153	185	153	194	813		51B12		
L	153	194	154	105	814		4L11		
L	154	105	154	148	815		4A14	some bands of sph 3-4cm, should run 8%.	
L	154	148	154	172	816		51A17		
L	154	172	154	183	817		51B19	minor bands of pyrite and pyrrhotite.	
L	154	183	154	186	818		51D13		
L	154	186	155	103	819		51A19		
L	155	103	155	112	910		4A17		
L	155	112	155	142	911		51B10		
L	155	142	155	179	912		51A10		
L	155	179	156	110	913		4L10		
L	156	110	156	169	914		51B16		
L	156	169	157	106	915		51B12		
L	157	106	157	157	916		4L17		
L	157	157	157	162	917		51A11	residual - black chert	
L	157	162	157	176	918		51D13		
L	157	176	158	135	919		4A14	the sph becomes more concentrated	
	111		111		111		111	toward the hanging wall best section	
	111		111		111		111	577.6 - 576.8, should run 8-10%	
L	158	135	158	156	010		51A19	two minor bands of 5D3, 583.8 - 584.0 and	
	111		111		111		111	585.4 - 585.6 m	
L	158	156	158	178	011		4A14		
L	158	178	158	192	012		51D19	sulphide fraction consisting of minor bands	
L	111	112	111	111	111		111	of sph, should run 1-3%	
L	158	192	159	100	013		4A14	should run 5%	

Lithologic Log

Code	From	To	Unit	Code	Description	
1	10	14	16	20	22 23 25 27	
L	1519100	1519103	014	51D19	should run 1-2%, sph + py, mostly near the hanging wall	
L	1519103	1519121	015	41A14		
L	1519121	1519132	016	51D19	minor py, generally associated with the graphic bands which are contained by this unit	
L	1519132	1519400	017	41A14		
L	1519400	1519154	018	51D10		
L	1519154	1610100	019	41A14	massive sph at the hanging wall, grade drops off toward the foot wall. should run 8%.	
L	1610100	1610125	110	41J14	best intersection of the hole, down near massive sph	
L	1610125	1610167	111	51B16		
L	1610167	1610176	112	41J14		
L	1610176	1610178	113	51A10		
L	1610178	1610183	114	41L10		
L	1610183	1611132	115	51D13		
L	1611132	1611162	116	51B16		
L	1611162	1612110	117	51D13		
L	1612110	1612128	118	51B16		
L	1612128	1612173	119	51D13	some minor zones of SBK	
L	1612173	1613111	210	51A1*	small quartz clasts, not as abundant as 79-X-01	
L	1613111	1613129	211	01E18		
L	1613129	1614117	212	31B15		
L	1614117	1614186	213	31G10		
L	1614186	1615113	214	31B15	minor disc pyrrhotite and chalcopyrite	
L	1615113	1615134	215	31E16		
L	1615134	1616107	216	31G10		
L	1616107	1616114	217	31B15		
L	1616114	1616122	218	31G10		
L	1616122	1616148	219	31B15		
L	1616148	1618338	310	31G19	End of Hole.	

Structural Log

Core Code	From		To		Feature	E S <sub>1</sub>	S <sub>1</sub> Dip Direct.		S <sub>2</sub> Dip Direct.		Description	
	10	14	16	20			22	24	26	28		32
S				113	S							triconed - no core 0 - 13.5 m
S				113	S	C/S12			74	118.5		
S				118	6	F2Σ						S sym 13.5 - 18.5 m
S				119	2	C/S12			72	118.5		
S				120	5	F23						Z sym 18.5 - 20.5 m
S				125	3	F2Σ						S sym 20.5 - 25.3 m
S				126	0	C/S12			73	118.5		
S				127	6	F23						Z sym 25.3 - 27.6 m
S				131	3	F2Σ						S sym 27.6 - 31.3 m
S				132	3	C/S12			84	118.5		
S				133	7	F23						Z sym 31.3 - 33.7 m
S				138	4	C/S12			81	118.5		
S				145	0	C/S12			85	118.5		
S				147	1	F2Σ						S sym 33.7 - 47.1 m
S				151	0	C/S12			87	118.5		
S				151	2	F23						Z sym 47.1 - 51.2 m
S				157	0	C/S12			84	118.5		
S				163	0	C/S12			80	118.5		
S				168	6	F2Σ						S sym 51.2 - 68.6 m
S				169	0	C/S12			84	118.5		
S				169	5	F23						Z sym 68.6 - 69.5 m
S				170	1	F2Σ						S sym 69.5 - 70.1 m
S				171	3	F23						Z sym 70.1 - 71.3 m
S				176	0	C/S12			80	118.5		
S				176	1	F2Σ						S sym 71.3 - 76.1 m
S				180	1	F23						Z sym 76.1 - 81.1 m
S				181	3	C/S12			84	118.5		
S				187	4	C/S12			83	118.5		
S				193	5	C/S12			88	118.5		
S				188	1	F2Σ						S sym 81.8 - 88.1 m
S				192	3	F23						Z sym 88.1 - 92.3 m
S				110	10	0	C/S12		76	118.5		
S				110	5	7	C/S12		62	118.5		
S				110	5	7	F2Σ					S sym 92.3 - 105.7 m
S				110	17	0	F23					Z sym 105.7 - 107.0 m
S				111	12	7	C/S12		68	118.5		

DDH 79-X-02  
2 8Cyprus Anvil Mining Corp.  
Structural LogPage 8 of     Logged By: BVH

Code	From		To		Feature	S <sub>1</sub> Dip Direct.	S <sub>2</sub> Dip Direct.		Description
	10	14	16	20			32	34	
S			1116	9	IFZ E				S sym 107.0 - 116.9 m
S			1119	1	CIS12		810	11815	
S			1121	3	IFZ3				Z sym 116.9 - 121.3 m
S			11215	4	IFZ E				S sym 121.3 - 125.4 m
S			11216	9	IFZ3				Z sym 125.4 - 126.9 m
S			11216	9	CIS12		616	11815	
S			1132	4	CIS12		718	11815	
S			11319	2	CIS12		718	11815	
S			11417	0	CIS12		813	11815	
S			1151	8	IFZ E				S sym 126.9 - 151.8 m
S			11514	0	IFZ3				Z sym 151.8 - 154.0 m
S			11514	5	CIS12		711	11815	
S			11518	8	IFZ E				S sym 154.0 - 158.8 m
S			11610	8	CIS12		815	11815	
S			11611	2	IFZ3				Z sym 158.8 - 161.2 m
S			11614	7	IFZ E				S sym 161.2 - 164.7 m
S			11616	3	CIS12		718	11815	
S			11618	6	IFZ3				Z sym 164.7 - 168.6 m
S			11711	7	IFZ E				S sym 168.6 - 171.7 m
S			11711	7	CIS12		812	11815	
S			11715	7	IFZ3				Z sym 171.7 - 175.7 m
S			11717	4	CIS12		813	11815	
S			11814	1	CIS12		815	11815	
S			11818	3	IFZ E				S sym 175.7 - 188.3 m
S			11910	5	CIS12		718	11815	
S			11910	9	IFZ3				Z sym 188.3 - 190.9 m
S			11916	9	CIS12		814	11815	
S			11917	5	IFZ E				S sym 190.9 - 197.5 m
S			12012	5	IFZ3				Z sym 197.5 - 202.5 m
S			12013	6	CIS12		813	11815	
S			12019	4	CIS12		714	11815	
S			12114	9	CIS12		718	11815	
S			12119	1	CIS12		612	11815	
S			12212	5	IFZ E				S sym 202.5 - 222.5 m
S			12214	6	CIS12		715	11815	
S			12310	7	CIS12		714	11815	

Code	From		To		Feature	SYM	S <sub>1</sub>		S <sub>2</sub>		Description	
	10	14	16	20			Dip	Direct.	Dip	Direct.		
1	10	14	16	20	22	24	26	28	32	34	38	
S				121310	9	1F2	3					Z sym 222.5 - 230.9 m
S				121346	6	1F2	Σ					S sym 230.9 - 234.6 m
S				123161	1	1F2	3					Z sym 234.6 - 237.5 m
S				121316	8	C1S	12			712	11815	
S				121407	7	1F2	Σ					S sym 237.5 - 240.7 m
S				121429	9	C1S	12			810	11815	
S				124441	1	1F2	3					Z sym 240.7 - 244.1 m
S				121459	9	C1S	12			816	11815	
S				121515	8	C1S	12			714	11815	
S				121611	8	C1S	12			718	11815	
S				121617	2	C1S	12			810	11815	
S				121617	6	1F2	Σ					S sym 244.1 - 267.6 m
S				121746	6	1F2	3					Z sym 267.6 - 274.0 m
S				121764	4	C1S	12			815	11815	
S				121825	5	C1S	12			811	11815	
S				121829	9	1F2	Σ					S sym 274.0 - 282.9 m
S				121850	0	1F2	3					Z sym 282.9 - 285.0 m
S				121855	5	C1S	12			811	11815	
S				121916	6	C1S	12			716	11815	
S				121917	7	C1S	12			814	11815	
S				130144	4	C1S	12			815	11815	
S				131116	8	C1S	12			813	11815	
S				131117	2	C1S	12			710	11815	
S				131212	1	C1S	12			714	11815	
S				131218	2	C1S	12			712	11815	
S				131314	3	C1S	12			710	11815	
S				131410	4	C1S	12			811	11815	
S				131416	5	C1S	12			813	11815	
S				131526	6	C1S	12			813	11815	
S				131515	1	1F2	Σ					S sym 285.0 - 355.1 m
S				131518	6	1F2	3					Z sym 282.9 - 358.6 m
S				131518	8	C1S	12			718	11815	
S				131614	9	C1S	12			715	11815	
S				131711	0	C1S	12			716	11815	
S				131717	0	C1S	12			711	11815	Zone of interchanging Z and S
S				131813	0	C1S	12			719	11815	360 - 378 m

Code	From		To		Feature	Sym	S <sub>1</sub>		S <sub>2</sub>		Description	
	10	14	16	20			Dip	Direct.	Dip	Direct.		
1	10	14	16	20	22	24	26	28	32	34	38	
S				13910	0	CIS	12			71	11815	
S				13914	8	CIS	12			80	11815	
S				14011	5	CIS	12			82	11815	
S				14017	6	CIS	12			78	11815	
S				14113	7	CIS	12			85	11815	
S				14118	4	IF2	Σ					S sym 358.6 - 418.4 m
S				14119	8	CIS	12			78	11815	
S				14210	9	IF2	3					Z sym 418.4 - 420.9 m
S				14215	8	CIS	12			76	11815	
S				14312	0	CIS	12			81	11815	
S				14318	4	CIS	12			73	11815	
S				14414	8	CIS	12			72	11815	
S				14417	6	IF2	Σ					S sym 420.9 - 447.6 m
S				14510	6	IF2	3					Z sym 447.6 - 450.6 m
S				14513	4	CIS	12			86	11815	
S				14519	3	CIS	12			84	11815	
S				14611	6	IF2	Σ					S sym 450.6 - 461.6 m
S				14615	1	IF2	3					Z sym 461.6 - 465.1 m
S				14615	6	CIS	12			82	11815	
S				14911	9	CIS	12			82	11815	
S				14918	4	CIS	12			76	11815	
S				14913	6	IF2	Σ					S sym 465.1 - 498.6 m
S				14919	8	IF2	3					Z sym 498.6 - 499.8 m
S				15011	8	IF2	Σ					S sym 499.8 - 501.8
S				15015	0	CIS	12			82	11815	
S				15013	1	IF2	3					Z sym 501.8 - 503.1 m
S				15101	1	IF2	Σ					S sym 503.1 - 510.1 m
S				15113	6	IF2	3					Z sym 510.1 - 513.6 m
S				15114	1	CIS	12			76	11815	
S				15210	2	CIS	12			89	11815	
S				15216	3	CIS	12			78	11815	
S				15217	1	IF2	Σ					S sym 513.6 - 527.1 m
S				15310	8	IF2	3					Z sym 527.1 - 530.8 m
S				15312	7	CIS	12			81	11815	
S				15318	1	IF2	Σ					S sym 530.8 - 538.1 m
S				15318	2	CIS	12			82	11815	

Code	From	To	Feature	Sym	S <sub>1</sub>		S <sub>2</sub>		Description	
					Dip	Direct.	Dip	Direct.		
1	10	14 16	20 22 24 26 28	32 34	38					
S		1541	0	IF2	3					Z sym 538.1 - 541.0
S		1543	1	CIS	2			67	185	
S		1549	5	CIS	2			72	185	
S		1554	7	CIS	2			83	185	
S		1555	2	IF2	Σ					S sym 541.0 - 555.2 m
S		1557	0	IF2	3					Z sym 555.2 - 557.0
S		1560	0	CIS	2			80	185	
S		1566	4	CIS	2			88	185	
S		1568	9	IF2	Σ					S sym 557.0 - 568.9 m
S		1571	7	IF2	3					Z sym 568.9 - 571.7 m
S		1572	9	CIS	2			69	185	
S		1575	8	IF2	Σ					S sym 571.7 - 575.8 m
S		1578	7	IF2	3					Z sym 575.8 - 578.7 m
S		1578	7	CIS	2			75	185	
S		1580	0	IF2	Σ					S sym 578.7 - 580.0 m
S		1585	2	CIS	2			64	185	
S		1585	7	IF2	3					Z sym 580.0 - 585.7 m
S		1590	6	CIS	2			72	185	
S		1597	3	CIS	2			70	185	
S		1605	3	CIS	2			74	185	
S		1611	7	CIS	2			60	185	
S		1617	7	CIS	2			76	185	
S		1623	8	CIS	2			82	185	
S		1629	3	CIS	2			80	185	
S		1635	6	CIS	2			74	185	
S		1641	2	CIS	2			70	185	
S		1647	6	CIS	2			70	185	
S		1649	3	IF2	Σ					S sym 585.7 - 649.3 m
S		1650	5	IF2	3					Z sym 549.3 - 550.5 m
S		1651	5	IF2	Σ					S sym 550.5 - 551.5 m
S		1653	3	IF2	3					Z sym 551.5 - 653.3 m
S		1653	4	CIS	2			74	185	
S		1659	9	CIS	2			79	185	
S		1666	2	CIS	2			74	185	
S		1670	8	IF2	Σ					S sym 653.2 - 670.8 m
S		1672	3	CIS	2			80	185	



DDH 29-8-02  
2 8

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

Page 13 of       
Logged By: BVH  
Sampled By: SEJ

Code	From	To	Sample No.	Description
	10 14 16 20	22 27		
D	151316 7	151318 5	1010415	1.8 m 4L1
	151317 4	151410 5	1010416	1.1 m 4L1
	151410 5	151412 5	1010417	2.0 m 4A4
	151412 5	151414 8	1010418	2.3 m 4A4
	151414 8	151416 0	1010419	1.2 m 5A9
	151416 0	151417 2	1010510	1.2 m 5A9
	151417 2	151418 3	1000511	1.1 m 5B9
	151418 6	151510 3	1010512	1.7 m 5A9
	151510 3	151511 2	1000513	0.9 m 4A7
	151517 9	151519 9	1010514	2.0 m 4L0
	151519 9	151611 0	1010515	1.1 m 4L0
	151710 6	151712 6	1010516	2.0 m 4L7
	151712 6	151714 6	1000517	2.0 m 4L7
	151714 6	151715 7	1010518	1.1 m 4L7
	151717 4	151719 4	2000519	
	151719 6	151811 6	1000610	2.0 m 4A4
	151811 6	151813 5	1010611	1.9 m 4A4
	151813 5	151815 6	1010612	2.1 m 5A9
	151815 6	151817 8	1000613	2.2 m 4A4
	151817 8	151819 2	1000614	1.4 m 5D9
	151819 2	151910 0	1000615	0.8 m 4A4
	151910 0	151912 1	1010616	2.1 m 5D9 + 4A4
	151912 1	151913 2	1010617	1.1 m 5D9
	151913 2	151914 0	1000618	0.8 m 4A4
	151915 4	151916 9	1000619	1.5 m 4A4
	151916 9	151918 4	1010710	1.5 m 4A4
	151918 4	161010 0	1010711	1.6 m 4A4
	161010 0	161011 5	1000712	1.5 m 4J4
	161011 5	161012 5	1000713	1.0 m 4J4

DDH Z.9-X-0.2  
2 8

Cyprus Anvil Mining Corp.

Geochemical Log (Sampler's Copy)

Page 14 of \_\_\_\_\_

Logged By: BYH

Sampled By: SFJ

Code	From	To	Sample No.	Description
1	10	14	22	
	1610166	1610176	110101714	1.0 m 4J4
	1610176	1610183	110101715	0.7 5A0 + 4L0
	1614167	1614185	110101716	1.8m 3G0

79-X-03

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 79-X-03

Project: DY

Location: Vangorda Plateau

Claim: DY 184

Terr. Plane Co-ords.: 6901028.76 N

597242.79 E

Grid Co-ords.: 15+00E 225S

Inclination: Vertical

Elevation: 1141.66

Total Depth: 956.7 m

Purpose: DY fill-in section 15+00

Logged by: B. V. Hall

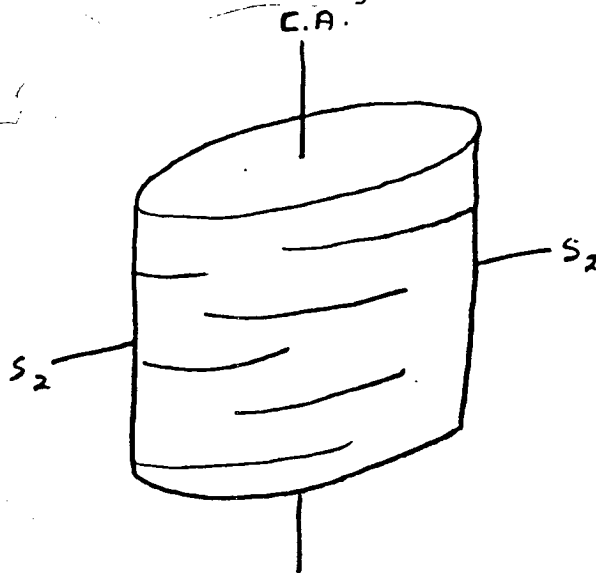
Date(s) Logged: May 1 - May 30, 1979

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

NQ 4.0 956.7

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Fabric Orientation Diagram:



All symmetry determinations looking NW with S<sub>2</sub> dipping SW with dip azimuth 185.

Started: April 26, 1979 Completed: May 28th, 1979

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 79-X-03

Fabric Orientation Diagram:

Project: DY

Location: Vangorda Plateau

Claim: DY 184

Terr. Plane Co-ords.: 6901028.76 N

597242.79 E

Grid Co-ords.: 15+00E 2255

Elevation: 1141.66

Total Depth: 956.7

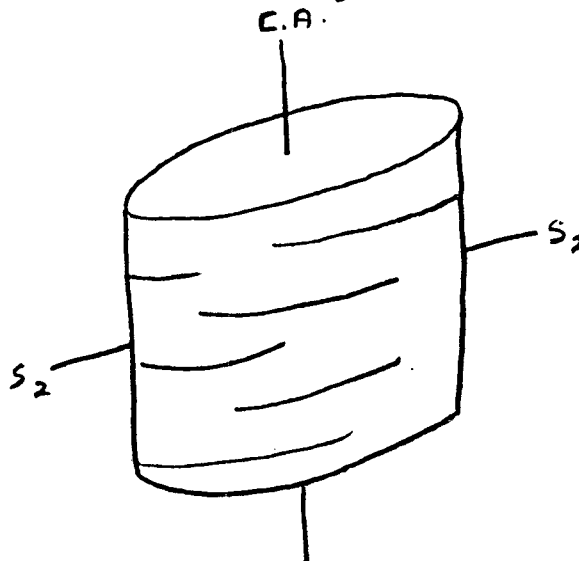
Purpose: DY fill in section 15+00

Logged by: BVH Date(s) Logged: May 1 -

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

NQ 4.0 956.7

Started: Apr 27, 1979 Completed: \_\_\_\_\_



All symmetry determinations looking NW with S2 dipping SW with dip azimuth 185.



## Lithologic Log

Logged By: BVH

Code	From		To		Unit		Code		Description
	10	14	18	20	22	23	25	27	
L	1010	0	1140	0	11		#		O/B
L	1140		1187		12		SB16		
L	1187		1203		13		SB10		
L	1203		1237		14		SB6		
L	1237		1285		15		SB10		
L	1285		1287		16		SD13		
L	1287		1294		17		SB10		
L	1294		1364		18		SB16		
L	1364		1404		18		SB10		
L	1404		1407		19		SD13		
L	1407		1428		10		SB10		
L	1428		1431		11		SD13		
L	1431		1534		112		SB10		
L	1534		1535		13		SD13		
L	1535		1551		114		SB10		
L	1551		1642		115		SB16		
L	1642		1754		116		SB12		
L	1754		1816		117		SB10		
L	1816		1856		118		SB16		
L	1856		110107		119		SB10		
L	110107		110157		210		SB16		
L	110157		110161		211		SD13		
L	110161		110165		212		SB16		
L	110165		110182		213		SD13		
L	110183		111164		214		SB16		
L	111164		112148		215		SB12		-SB23
L	112148		112167		216		SB10		
L	112167		112183		217		SB12		-SB23
L	112183		113128		218		SB10		
L	113128		11434		219		SB16		
L	11434		11461		310		SB10		
L	11461		11556		311		SB16		
L	11556		116101		312		SB10		
L	116101		116184		313		SB12		
L	116184		11695		314		SB16		
L	11695		11708		315		SB10		

Lithologic Log

No	From		To		Unit		Code	Description
	10	14	16	20	22	23		
L	11710	8	11712	5	316	518	10	
L	11712	5	11715	2	317	518	16	
L	11715	2	12312	8	318	518	10	
L	12312	8	12317	8	319	518	16	
L	12317	8	12510	6	410	518	10	
L	12510	6	12518	4	411	518	16	
L	12518	4	12710	0	412	518	10	
L	12710	0	12815	7	413	01F	18	
L	12815	7	13101	0	414	518	16	
L	13101	0	13317	2	415	518	10	
L	13317	2	13318	2	416	51D	11	
L	13318	2	13318	7	417	518	16	
L	13318	7	13413	7	418	518	10	
L	13413	7	13617	8	419	518	16	
L	13617	8	13813	4	510	518	10	
L	13813	4	14101	5	7	511	518	16
L	14101	5	14112	9	512	518	17	-SB73 inter-banded SB7-SB0
L	14112	9	14211	4	513	518	10	
L	14211	4	14215	4	514	518	17	-SB73 inter-banded SB7 and SB0
L	14215	4	14312	3	515	518	10	
L	14312	3	14318	1	516	518	17	-SB73 inter-banded SB7 and SB0
L	14318	1	14418	6	517	518	10	
L	14418	6	14511	5	518	51D	10	considerable SB0 is inter-banded with the SD0 (~30%)
L	14511	5	14512	3	519	518	16	
L	14512	3	14513	4	610	51D	10	
L	14513	4	14613	5	611	518	10	
L	14613	5	14614	6	612	518	17	-SB73
L	14614	6	14615	7	613	51D	10	
L	14615	7	14911	7	614	518	10	
L	14911	7	14913	0	615	51D	15	
L	14913	0	14918	2	616	518	16	
L	14918	2	15017	1	617	518	10	
L	15017	1	15110	1	618	518	16	
L	15110	1	15317	7	619	518	10	
L	15317	7	15319	8	710	51D	13	

## Lithologic Log

Logged By: B V H

No	From		To		Unit		Code		Description
	10	14	16	20	22	23	25	27	
L	1513	198	1514	126	711	51B	7		- 5B73
L	1514	126	1514	181	72	51B	10		
L	1514	181	1514	194	713	51D	13		
L	1514	194	1515	110	714	51B	7		- 5B73
L	1515	110	1516	112	715	51B	10		
L	1516	112	1516	122	716	51D	13		
L	1516	122	1516	141	717	51B	10		
L	1516	141	1516	162	718	51D	13		
L	1516	162	1517	183	719	51B	10		
L	1517	183	1518	104	810	41L	7		- 4L74
L	1518	104	1518	115	811	41A	13		
L	1518	115	1518	119	812	41C	10		
L	1518	119	1518	185	813	41L	10		- contains amygdules which consist of calcite. 582.7 - 583.7 m
									- 584.4 to 585.3 m sph in bands
L	1518	185	1519	101	814	51D	9		5D93
L	1519	101	1519	159	815	41L	7		- 4L74, ~ 1-2% combined.
L	1519	159	1519	171	816	41G	4		minor bands of mag - DY-13
L	1519	171	1519	181	817	41L	10		
L	1519	181	1610	106	818	41K	4		
L	1610	106	1610	123	819	41K	4		4K64 calcite mainly in patches ~ 3-4% combined.
L	1610	123	1610	158	910	41E	10		⇒ 4E6 minor sph
L	1610	158	1610	165	911	41L	10		
L	1610	165	1611	102	912	41O	10		
L	1611	102	1611	120	913	41D	14		~ 5-6% combined.
L	1611	120	1611	157	914	41D	10		
L	1611	157	1611	163	915	41A	10		minor chloritic bands
L	1611	163	1611	170	916	41L	10		
L	1611	170	1612	112	917	51A	10		gouge zone 617.1 - 621.2 m
L	1612	112	1612	132	918	51A	19		
L	1612	132	1612	140	919	41C	10		
L	1612	140	1612	144	010	51B	19		py in bands - siliceous
L	1612	144	1613	101	011	41L	10		sulphide content 10-15% 270.0 - 271.5 m
L	1613	101	1613	119	012	51A	19		
L	1613	119	1613	28	013	51B	7		

4G4

4L0

4G4

4K64

4E6

4L0

4C0

4D4

## Lithologic Log

Logged By: DYH

Core	From		To		Unit		Code	Description
	10	14	18	20	22	23		
L	161312	161318	161315	161320	014	014	51A10	
L	161315	161320	161319	161320	015	015	51B16	
L	161319	161320	161319	161320	016	016	41C10	
L	161319	161320	161414	161414	017	017	41L10	
L	161414	161414	161416	161416	018	018	41C10	
L	161416	161416	161416	161419	019	019	41L10	
L	161416	161416	161511	161511	110	110	51B17	-5B793 minor sph- and po bands
								-calcareous.
L	161511	161514	161514	161513	111	111	41L11	very sericitic, minor po and sph bands
L	161514	161514	161515	161515	112	112	51B17	-5B73, minor po and sph bands.
L	161515	161515	161515	161517	113	113	41L10	
L	161515	161515	161618	161618	114	114	51B10	
L	161618	161618	161710	161710	115	115	51D10	
L	161710	161710	161710	161718	116	116	51B10	
L	161710	161710	161712	161712	117	117	51D13	
L	161712	161712	161713	161713	118	118	51B10	
L	161713	161713	161714	161714	119	119	51D13	
L	161714	161714	161715	161715	210	210	51B12	-5B23
L	161715	161715	161716	161716	211	211	51D13	
L	161716	161716	161717	161717	212	212	51B12	-5B23
L	161717	161717	161718	161718	213	213	51D13	
L	161718	161718	161719	161719	214	214	51B12	-5B23
L	161719	161719	171010	171010	215	215	51B10	
L	171010	171010	171015	171015	216	216	41A14	~8-10% combined, massive sph
							1A1	bands up 5cm thick.
								-gauge zone 701.1 - 701.9 m
								-DY-13 example of py-sph bands
L	171015	171015	171111	171111	217	217	41L17	-4L72 DY-16 taken at the hanging
								wall contact of #26, a siliceous
								graphitic phyllite minor interbedded
								sulphides.
								DY-15 taken at 704.4 possibly 4L3
								should x-ray.
L	171111	171111	171124	171124	218	218	41L16	-contains some carbonaceous matter
								giving the rock a grey cast
L	171124	171124	171136	171136	219	219	41L0	



Lithologic Log

Code	From		To		Unit		Code		Description
	10	14	18	20	22	23	25	27	
L	1711	172	1711	19	3	312	4A10		minor py bands, quite siliceous toward the footwall is a minor band of 4L0 - DY 17 sample contains minor rounded clasts of 4A0 and sph hosted in a siliceous matrix appear to represent rip-up clasts of the underlying 4A unit
L	1711	19	3	1713	11	3	313	51A19	-5A97 sulphide content decreasing from #29, minor py and sph in a siliceous host. minor tuffaceous bands DY-18 carbonaceous content variable
L	1713	11	3	1713	13	4	344	41L14	- variable from 4L34 at the hanging wall to 4L14 at the footwall grades into 4A0 - DY-19 (4L34)
L	1713	13	4	1714	11	7	315	41A10	sulphide content quite low.
L	1714	11	7	1715	11	3	316	41L17	DY-20 possibly talc bearing should x-ray.
L	1715	11	3	1715	13	2	317	51B12	-5B219 similar to 4A0 lacking significant sulphide content. minor tuffaceous patches.
L	1715	13	2	1715	19	0	318	51D13	DY-21 sample of SD3 unaltered(?) DY-22 sample of SD3 which closely resembles 4L6. minor patches of 4A0 toward the footwall. DY-23 example of SD3 grading into 4A0 with a siliceous zone containing abundant banded po.
L	1715	19	0	1715	19	7	319	51D10	
L	1715	19	7	1716	12	8	410	41A10	massive banded py occurring at both the footwall and hanging wall
L	1716	12	8	1718	19	9	411	51B16	-5B61 abundant OQO, slightly altered to 4L6 782.1m 30 cm band of 4D0.
L	1718	19	9	1719	10	3	412	41L16	grades from 5B6 (DY-24) to an intermediate form (DY-25) to 4L6 (DY-26)

No	From			To			Unit	Code	Description
	10	14	16	20	22	23			
L	17910	3	18014	0	4	13	51B16		small post D <sub>2</sub> breccia zone 799.9
L	18014	0	18015	4	4	4	41L10		faintly altered SBG, could also be considered SBG. DY-27
L	18015	4	18016	0	4	5	51B16		
L	18016	0	18017	8	4	6	41L17		minor py, grades from matrix similar to DY-27 to good 4L7 small bx zone at 806.8
L	18017	8	18110	5	4	7	51B16		
L	18110	5	18111	1	4	8	41L10		
L	18111	1	18111	8	4	9	51B16		
L	18111	8	18112	4	5	0	41L10		
L	18112	4	18115	6	5	1	51B16		
L	18115	6	18118	4	5	2	41L10		
L	18118	4	18211	9	5	3	51A10		- bx zone 818.4 - 821.9 post D <sub>2</sub> , as the S <sub>2</sub> foliation is randomly oriented, clasts of sulphides, 4L0, SAO, OOO, and SBG
L	18211	9	18214	7	5	4	41A0		sulphides become more massive toward the footwall DY-28 (824.2)
L	18214	7	18217	8	5	5	41E0		DY-29 (po bearing (827.2) DY-30 (825.9)
L	18217	8	18322	2	5	6	51A17		- unit appears to be faintly altered. DY-31 (829.1)
L	18322	2	18319	2	5	7	41L16		minor cpy associated with a ball qtz vein 834.4
L	18319	2	18319	8	5	8	41L11		- 4L17
L	18319	8	18415	4	5	9	41L16		- 4L67
L	18415	4	18418	0	6	10	41L11		- 4L14 siliceous bands interlayered with chl., chl generally a light green colour suggesting a high Mg content, sph and gal are found associated with the py bands which are up to 5cm wide, minor bands of a dark green chl. - DY-1 light green chl bands, po with minor cpy associated with the py, cpy occupying tension fractures, siliceous

## Lithologic Log

Code	From	To	Unit	Code	Description
1	10 14 16 20 22 23 25 27				
L	181418 0	181519 8	611	41410	less siliceous more chloritic than # 60 - chl light green - less sulphides than the above section, po is the dominant sulphide, minor sph-gal bands (DY-2)
L	181519 8	181612 3	612	41411	41411 siliceous, more sericitic, po is the dominant sulphide, occurring dominantly in bands. DY-3 - at the 461-4A1 contact it is very siliceous.
L	181612 3	181614 2	613	41A11	very siliceous, minor sph bands at the footwall
L	181614 2	181614 5	614	41C10	~ 1-2% combined.
L	181614 5	181618 0	615	41G14	barite content considerable - DY-5 15-18% combined. - massive sph-gal, little py, no po
L	181618 0	181618 7	616	41D10	- massive po band at the hanging wall grade dropping off to 1-2% combined.
L	181618 7	181619 7	617	41G14	py content increased from # 65 ~ 15% combined.
L	181619 7	181710 4	618	41A10	very siliceous toward the hanging wall
L	181710 4	181711 2	619	41410	DY-7 sampled near the hanging wall
L	181711 2	181712 1	710	41D14	
L	181712 1	181712 5	711	41G11	minor siliceous bands, generally low in base metal content.
L	181712 5	181714 7	712	41A10	siliceous near the hanging wall - minor po blebs surrounded by chloritic patches.
L	181714 7	181810 1	713	41A14	41A14 siliceous po veins crosscutting, possibly related to alteration.
L	181810 1	181917 9	714	41L16	- 41L16 minor po bands and blebs, the blebs are generally surrounded by chloritic patches, possibly related to alteration. - massive po band 897.0 - 897.3, py band



Structural Log

Core	From		To		Feature	E <sub>1</sub> Dip Direct.	S <sub>1</sub>		S <sub>2</sub>		Description	
	10	14	16	20			22	24	26	28		32
S				174								triconed - no core
S				174	CIS12				81	11815		
S				172	FZ3							Z sym 7.4 - 12.1 m
S				173	CIS12				810	11815		
S				176	FZΣ							S sym 12.1 - 16.1 m
S				178	FZ3							Z sym 16.1 - 18.2 m
S				120	CIS12				713	11815		
S				126	CIS12				82	11815		
S				131	FZΣ							S sym 18.2 - 31.2 m
S				132	CIS12				810	11815		
S				134	FZ3							Z sym 31.2 - 34.2 m
S				136	FZΣ							S sym 34.2 - 36.6 m
S				138	FZ3							Z sym 36.6 - 38.1 m
S				138	CIS12				717	11815		
S				143	FZΣ							S sym 38.1 - 43.1 m.
S				145	FZ3							Z sym 43.1 - 45.9 m.
S				147	CIS12				715	11815		
S				147	FZΣ							S sym 45.9 - 47.7 m
S				153	CIS12				710	11815		
S				159	CIS12				76	11815		
S				160	FZ3							Z sym 47.7 - 60.5 m.
S				167	FZΣ							S sym 60.5 - 67.1 m
S				167	CIS12				710	11815		
S				173	CIS12				714	11815		
S				180	CIS12				817	11815		
S				180	FZ3							Z sym 67.1 - 80.4 m
S				182	FZΣ							S sym 80.4 - 82.1 m
S				187	CIS12				85	11815		
S				193	CIS12				810	11815		
S				194	FZ3							Z sym 82.1 - 94.9 m
S				199	CIS12				718	11815		
S				110	FZΣ							S sym 94.9 - 100.0 m
S				110	FZ3							Z sym 100.0 - 105.3 m
S				110	CIS12				715	11815		
S				110	FZΣ							S sym 105.3 - 108.8 m.
S				111	FZ3							Z sym 108.8 - 112.3 m

Core Code	From		To		Feature E S	S <sub>1</sub> Dip Direct.				S <sub>2</sub> Dip Direct.				Description
	10	14	16	20		22	24	26	28	32	34	36	38	
S			1114	5	CIS12					810		1815		
S			1115	4	F2 E								S sym 112.3 - 115.4 m	
S			1120	5	F2 3								Z sym 115.4 - 120.5 m	
S			1121	3	CIS12					719		1815		
S			1123	4	F2 E								S sym 120.5 - 115.4 m	
S			1126	7	CIS12					812		1815		
S			1128	4	F2 3								Z sym 115.4 - 128.4 m	
S			1132	8	CIS12					72		1815		
S			1136	4	F2 E								S sym 128.4 - 136.4 m	
S			1138	1	F2 3								Z sym 136.4 - 138.1 m	
S			1138	2	CIS12					817		1815		
S			1145	0	CIS12					815		1815		
S			1151	1	CIS12					712		1815		
S			1157	4	CIS12					815		1815		
S			1158	5	F2 E								S sym 138.1 - 158.5 m	
S			1162	8	F2 3								Z sym 158.5 - 162.8 m	
S			1163	5	CIS12					813		1815		
S			1169	5	CIS12					710		1815		
S			1175	3	CIS12					713		1815		
S			1178	8	F2 E								S sym 162.8 - 178.8 m	
S			1184	8	CIS12									
S			1187	1	F2 3								Z sym 178.8 - 187.1 m	
S			1188	4	F2 E								S sym 187.1 - 198.4 m	
S			1191	9	CIS12					815		1815		
S			1196	9	CIS12					815		1815		
S			1203	0	CIS12					813		1815		
S			1209	1	CIS12					810		1815		
S			1215	2	CIS12					78		1815		
S			1218	8	F2 3								Z sym 198.4 - 218.8 m	
S			1221	3	CIS12					73		1815		
S			1227	4	CIS12					717		1815		
S			1232	5	F2 E								S sym 218.8 - 232.5 m	
S			1233	2	F2 E								Z sym 232.5 - 233.2 m	
S			1233	5	CIS12					67		1815		
S			1235	0	F2 E								S sym 233.2 - 235.0 m	
S			1237	8	CIS12					72		1815		

Structural Log

Core Code	From		To		Feature	E/S	S <sub>1</sub> Dip Direct.		S <sub>2</sub> Dip Direct.		Description
	10	14	16	20			22	24	26	28	
S			12142	7	C/S12				79	11815	
S			12145	3	F23						Z sym 235.0 - 245.3 m
S			12146	5	F2E						S sym 245.3 - 246.5 m
S			12148	8	C/S12				72	11815	
S			12154	7	F23						Z sym 246.5 - 254.7 m
S			12154	9	C/S12				710	11815	
S			12156	4	F2E						S sym 254.7 - 256.4 m
S			12159	4	F23						Z sym 256.4 - 259.4 m
S			121610	7	C/S12				716	11815	
S			121610	8	F2E						S sym 259.4 - 260.8 m
S			121613	7	F23						Z sym 260.8 - 263.7 m
S			121617	1	C/S12				716	11815	
S			121618	3	F2E						S sym 263.7 - 268.3 m
S			121815	7	C/S12				810	11815	
S			121818	0	F23						Z sym 268.3 - 288.0 m
S			1219115		C/S12				811	11815	
S			121915	9	F2E						S sym 288.0 - 295.9 m
S			1219176		C/S12				811	11815	
S			13100	9	F23						Z sym 295.9 - 300.7 m
S			13107	5	C/S12				815	11815	
S			13110	7	F2E						S sym 300.9 - 310.7 m
S			13112	8	C/S12				815	11815	
S			13115	1	F23						Z sym 310.7 - 315.1 m
S			13115	9	F2E						S sym 315.1 - 315.9 m
S			13118	9	C/S12				719	11815	
S			1312100		F23						Z sym 315.9 - 320.0 m
S			131214	2	F2E						S sym 320.0 - 324.2 m
S			131215	0	C/S12				717	11815	
S			131219	0	F23						Z sym 324.2 - 329.0 m
S			131311	3	F2E						S sym 329.0 - 331.3 m
S			131313	5	C/S12				810	11815	
S			131319	3	C/S12				719	11815	
S			13144	6	F23						Z sym 331.3 - 344.6 m
S			13144	8	C/S12				814	11815	
S			131417	7	F2E						S sym 344.6 - 347.7 m
S			131419	4	C/S12				710	11815	

Elev m	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			131510	5	IF23									Z sym 347.7 - 350.5 m
S			131514	7	IF2Σ									S sym 350.5 - 354.7 m
S			131515	5	CIS12					81	11815			
S			131611	1	IF23									Z sym 354.7 - 361.1 m
S			131616	6	CIS12					810	11815			
S			131617	3	IF2Σ									S sym 361.1 - 367.3 m
S			131617	4	CIS12					811	11815			
S			131712	4	IF23									Z sym 367.3 - 372.4 m
S			131714	7	IF2Σ									S sym 372.4 - 374.7 m
S			131716	5	CIS12					810	11815			
S			131717	0	IF23									Z sym 374.7 - 377.0 m
S			131823	3	CIS12					711	11815			
S			131824	4	IF2Σ									S sym 377.0 - 382.4 m
S			131854	4	CIS12					816	11815			
S			131915	5	CIS12					814	11815			
S			131913	3	IF23									Z sym 382.4 - 393.3 m
S			131914	7	IF2Σ									S sym 393.3 - 394.7 m
S			131916	8	IF23									Z sym 394.7 - 396.8 m
S			131917	6	CIS12					612	11815			
S			131918	3	IF2Σ									S sym 396.8 - 398.3 m
S			140122	2	IF23									Z sym 398.3 - 402.2 m
S			140137	7	CIS12					715	11815			
S			140191	1	CIS12					810	11815			
S			141129	9	IF2Σ									S sym 402.2 - 412.9 m
S			141156	6	IF23									Z sym 412.9 - 415.6 m
S			141163	3	CIS12					710	11815			
S			141224	4	CIS12					716	11815			
S			141218	5	CIS12					718	11815			
S			141314	6	CIS12					714	11815			
S			141407	7	CIS12					710	11815			
S			141408	8	IF2Σ									S sym 415.6 - 440.8 m
S			141449	9	IF23									Z sym 440.8 - 444.9 m
S			141416	8	CIS12					715	11815			
S			141417	6	IF2Σ									S sym 444.9 - 447.6 m
S			141512	9	CIS12					718	11815			
S			141516	6	IF23									Z sym 447.6 - 455.6 m

Code	From				To				Feature	STR	S <sub>1</sub>		S <sub>2</sub>		Description
	10	14	16	20	22	24	26	28			Dip	Direct.	Dip	Direct.	
S				14518	8				IF2	Σ					S sym 455.6 - 458.8 m
S				14610	8				IF2	3					Z sym 458.8 - 460.8 m
S				14612	0				CIS	12			810	1815	
S				14616	3				IF2	Σ					S sym 460.8 - 466.3 m
S				14618	1				CIS	12			815	1815	
S				14710	1				IF2	3					Z sym 466.3 - 470.1 m
S				14713	6				CIS	12			815	1815	
S				14718	2				IF2	Σ					S sym 470.1 - 478.2 m
S				14810	0				CIS	12			715	1815	
S				14811	9				IF2	3					Z sym 478.2 - 481.9 m
S				14816	1				CIS	12			810	1815	
S				14817	6				IF2	Σ					S sym 481.9 - 487.6 m
S				14819	1				IF2	3					Z sym 487.6 - 489.1 m
S				14919	4				CIS	12			719	1815	
S				14913	8				IF2	Σ					S sym 489.1 - 493.8 m
S				14918	3				CIS	12			811	1815	
S				14919	9				IF2	3					Z sym 493.8 - 499.9 m
S				15014	0				IF2	Σ					S sym 499.9 - 504.0 m
S				15014	6				CIS	12			718	1815	
S				15015	5				IF2	3					Z sym 504.0 - 505.5 m
S				15017	0				IF2	Σ					S sym 505.5 - 507.0 m
S				16110	8				CIS	12			611	1815	
S				15113	0				IF2	3					Z sym 507.0 - 513.0 m
S				15117	5				CIS	12			710	1815	
S				15212	7				CIS	12			713	1815	
S				15217	5				IF2	Σ					S sym 513.0 - 527.5 m
S				15218	8				IF2	3					Z sym 527.5 - 528.8 m
S				15219	1				CIS	12			811	1815	
S				15314	0				IF2	Σ					S sym 528.8 - 534.0 m
S				15315	2				CIS	12			817	1815	
S				15315	8				IF2	3					Z sym 534.0 - 535.8 m
S				15411	2				CIS	12			810	1815	
S				15414	6				IF2	Σ					S sym 535.8 - 544.6 m
S				15417	3				CIS	12			719	1815	
S				15511	9				IF2	3					Z sym 544.6 - 551.9 m
S				15512	8				CIS	12			815	1815	

Structural Log

Code	From		To		Feature	E S	S <sub>1</sub>		S <sub>2</sub>		Description
	10	14	16	20			22	24	26	28	
S			155195		C1512				86	11815	
S			156156		C1512				80	11815	
S			157112		IF2E						S sym 551.9 - 571.2 m
S			157117		C1512				80	11815	
S			157149		IF23						Z sym 571.2 - 574.9 m
S			157173		C1512				81	11815	
S			158139		C1512				80	11815	
S			159100		C1512				75	11815	
S			159163		C1512				70	11815	
S			160122		C1512				70	11815	
S			160185		C1512				70	11815	
S			161143		C1512				73	11815	
S			162112		C1512				61	11815	
S			162162		C1512				72	11815	
S			163114		C1512				54	11815	
S			163123		C1512				60	11815	
S			164133		C1512				717	11815	
S			164191		C1512				73	11815	
S			165161		IF2E						S sym 574.9 - 656.1 m
S			165162		C1512				714	11815	
S			165170		IF23						Z sym 656.1 - 657.0 m
S			165180		IF2E						S sym 657.0 - 658.0 m
S			166100		IF23						Z sym 658.0 - 660.0 m
S			166126		C1512				76	11815	
S			166153		IF2E						S sym 660.0 - 665.3 m
S			166186		C1512				80	11815	
S			167120		IF23						Z sym 665.3 - 672.0 m
S			167132		IF2E						S sym 672.0 - 673.2 m
S			167147		C1512				71	11815	
S			168088		C1512				80	11815	
S			168109		IF23						Z sym 673.2 - 680.9 m
S			168175		C1512				80	11815	
S			169136		C1512				86	11815	
S			169144		IF2E						S sym 680.9 - 694.4 m
S			169184		IF23						Z sym 694.4 - 698.4 m
S			170119		C1512				61	11815	

Structural Log

Core No.	From		To		Feature	# of S	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			1710	15	2	CIS	12		717	118	15	
S			1710	17	8	IF2	Σ				S sym 698.4 - 707.8	
S			1710	19	6	IF2	3				Z sym 707.8 - 709.6	
S			1711	13	2	CIS	12		60	118	15	
S			1711	19	1	IF2	Σ				S sym 709.6 - 719.1	
S			1712	10		CS	12		811	118	15	
S			1712	16	7	CIS	12		813	118	15	
S			1713	12	4	CIS	12		717	118	15	
S			1713	18	8	CIS	12		816	118	15	
S			1714	12	5	IF2	3				Z sym 719.1 - 742.5	
S			1714	14	6	CIS	12		714	118	15	
S			1714	15	1	IF2	Σ				S sym 742.5 - 745.1	
S			1715	11	6	CS	12		717	118	15	
S			1715	17	7	CIS	12		719	118	15	
S			1715	19	0	IF2	3				Z sym 745.1 - 759.0	
S			1716	3	8	CIS	12		711	118	15	
S			1716	9	9	CS	12		619	118	15	
S			1717	10	9	IF2	Σ				S sym 759.0 - 770.9	
S			1717	12	2	IF2	3				Z sym 770.9 - 772.2	
S			1717	16	0	CS	12		714	118	15	
S			1718	2	1	CIS	12		617	118	15	
S			1718	9	2	CS	12		719	118	15	
S			1718	19	7	IF2	Σ				S sym 772.2 - 789.7	
S			1719	4	0	PS	12		216	118	15	Possibly F4 related.
S			1719	9	1	PS	12		715	118	15	Ps <sub>2</sub> 789.7 - 799.3
S			1801	5	2	CIS	12		615	118	15	
S			1811	11	3	IF2	3		619	118	15	Z sym 799.3 - 811.3
S			1811	17	7	CIS	12		812	118	15	
S			1812	14	7	CIS	12		610	118	15	
S			1813	10	7	CIS	12		319	118	15	
S			1813	12	5	IF2	Σ				S sym 811.3 - 822.5	
S			1813	17	0	CS	12		718	118	15	
S			1814	2	1	CS	12		810	118	15	
S			1814	12	2	CIS	12		810	118	15	
S			1815	12	7	CIS	12		714	118	15	



DDH 79-X-03  
2 8

## Cyprus Anvil Mining Corp.

## Geochemical Log (Sampler's Copy)

Page \_\_\_\_\_ of \_\_\_\_\_

Logged By: BVHSampled By: DRK

Code	From	To	Sample No.	Description
	10 14 16 20		22 27	
P	15178 3	15180 4	10101717	2.1 m 4L74
P	15180 4	15181 5	10101718	1.1 m 4A3
P	15181 5	15183 5	10101719	2.0 m 4C0 + 4L0
P	15183 5	15185 5	1010180	2.0 m 4L0
P	15187 5	15188 5	1010181	1.0 m 4L0
P	15188 5	15190 1	1010182	1.6 m 5D9
P	15190 1	15192 1	1010183	2.0 m 4L74
P	15192 1	15194 1	1010184	2.0 m 4L74
P	15194 1	15195 9	1010185	1.8 m 4L74
P	15195 9	15197 1	1010186	1.2 m 4G4
P	15197 1	15198 1	1010187	1.0 m 4L0
P	15198 1	15199 3	1010188	1.2 m 4G4
P	15199 3	16100 6	1010189	1.3 m 4G4
P	16100 6	16102 3	1010190	1.7 m 4K64
P	16102 3	16104 5	1010191	2.2 m 4E0
P	16104 5	16106 7	1010192	2.2 m 4E0
P	16106 7	16108 7	1010193	2.0 m 4L0 + 4C0
P	16108 7	16110 2	1010194	1.5 m 4D0
P	16110 2	16112 0	1010195	1.8 m 4D4
P	16112 0	16114 0	1010196	2.0 m 4D0
P	16114 0	16115 1	1010197	1.1 m 4D0
P	16115 1	16116 6	1010198	1.5 m 4A0
P	16121 2	16123 2	1010199	2.0 m 5A9
P	16123 2	16124 0	1011010	0.8 m 4C0
P	16124 4	16126 4	1011011	2.0 m 4L0
P	16126 4	16128 4	1011012	2.0 m 4L0
P	16128 4	16130 1	1011013	1.7 m 4L0
P	16130 1	16131 9	1011014	1.8 m 5A9
P	16139 0	16139 8	1011015	0.8 m 4C0
P	16139 8	16141 8	1011016	2.0 m 4L0
P	16141 8	16143 8	1011017	2.0 m 4L0
P	16143 8	16144 4	1011018	0.6 m 4L0
P	16144 4	16146 3	1011019	1.9 m 4C0

DDH 29-X-03  
2 8Cyprus Anvil Mining Corp.  
Geochemical Log (Sampler's Copy)

Page \_\_\_\_\_ of \_\_\_\_\_

Logged By: \_\_\_\_\_

Sampled By: DRK / ALL

Code	From	To	Sample No.	Description
I	10 14 16 20	22 27		
				R&C. 100%
P	171008	171028	X1 11110	2.0 m 4A4
P	171028	171048	11111	2.0 m 4A4
P	171048	171064	11112	1.6 m 4A4
			11111	
P	181623	181642	111113	1.9 m 4A1
P	181642	181645	111114	0.3 m 4C0
P	181645	181665	111115	2.0 m 4G4
P	181665	181680	111116	1.5 m 4G4'
P	181680	181687	111117	0.7 m 4D0
P	181687	181697	111118	1.0 m 4G4
P	181697	181704	111119	0.7 m 4A0
P	181704	181712	111210	0.8 m 4C0
P	181712	181721	111211	0.9 m 4D4
P	181721	181725	111212	0.4 m 4G1
P	181725	181747	111213	2.2 m 4A0
P	181747	181767	111214	2.0 m 4A4
P	181767	181787	111215	2.0 m 4A4
P	181787	181801	111216	1.4 m 4A4
P	171136	171157	1121418	2.1 m 4A0
P	171172	171193	1121419	2.1 m 4A0
P	171313	171334	1121510	2.1 m 4L4
P	171334	171354	1121511	2.0 m 4A0
P	171354	171374	1121512	2.0 m 4A0
P	171374	171394	1121513	2.0 m 4A0
P	171394	171407	1121514	1.3 m 4A0
P	171407	171417	1121515	1.0 m 4A0
P	171519	171612	1121516	1.5 m 4A0
P	171612	171628	1121517	1.6 m 4A0
P	181219	181232	1121518	1.3 m 4A0
P	181232	181247	1121519	1.5 m 4A0



79-X-04

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 79-X-04

Fabric Orientation Diagram:

Project: DY

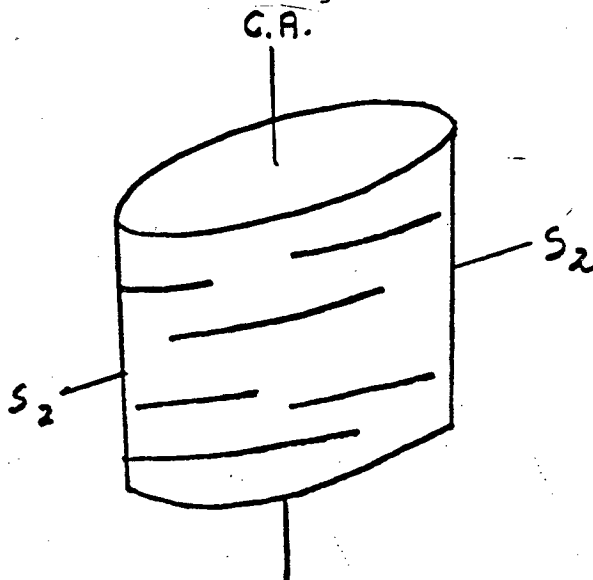
Location: Vangorda Plateau

Claim: DY 41

Terr. Plane  
Co-ords.: 6900987.83 N

597700.76 E

Grid  
Co-ords.: 19+50E 150S



All symmetry determinations looking

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

SW with dip azimuth 185.

Inclination: Vertical

Elevation: 1045.77

Total Depth: 689.1 m

Purpose: Define DY sulphide horizon.

Logged by: B. V. Hall  
L. C. Piggage

Date(s) Logged: May 14 - June 13, 1979

Drilling

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

NQ 15.6 689.1

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Started: May 9, 1979 Completed: May 27, 1979

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 79-X-04

Fabric Orientation Diagram:

Project: DY-41

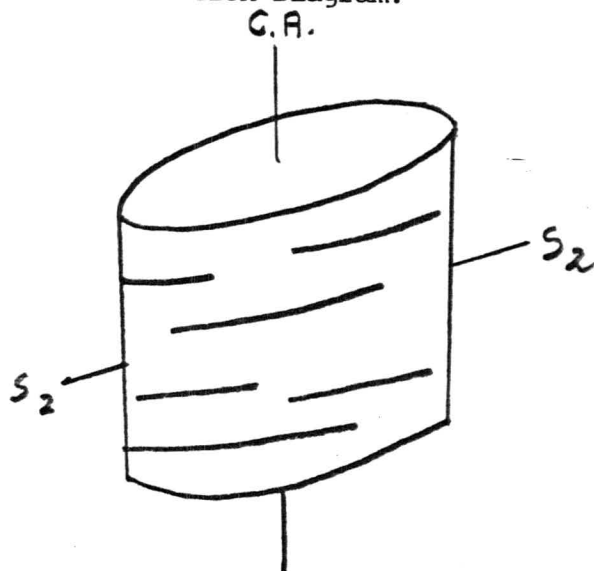
Location: YANCOUDA PLATEAU

Claim: DY-~~43~~ 41

Terr. Plane Co-ords.: 6900987.83 N

597700.76 E

Grid Co-ords.: 19+50 E 1505



All symmetry determinations looking

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

SW with dip azimuth 185.

Elevation: 1045.77

Total Depth: 689.1 M

Purpose: Define Dy sulfide horizon

Logged by: BVH/LCP

Date(s) Logged: May 14 - June 13, 1979

Drilling Contractor: ARTIC

Core: Size From To Collar Cased and Capped: \_\_\_\_\_

NQ 15.6 689.1

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Started: May 9, 1979 Completed: May 27, 1979

Depth measured in meters

DDH 29-X-04  
2 8

Diamond Drill Core Log

Code	Drillhole								Elevation				Northing				Easting				Comments																										
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46
T	791-X1-1014								1104.5				171.7				619.0				098.7				519.7				700.8																		

Code	Drillhole								Depth				Zenith Angle				True Azimuth				Comments																										
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46
R	791-X1-1014								1100				11810.0				101.0				AT COLLAR																										
R	791-X1-1014								1310				11719.7				31181.8																														
R	791-X1-1014								1610				11719.0				21811.1																														
R	791-X1-1014								1910				11716.7				21910.2																														
R	791-X1-1014								11210				11715.1				21813.19																														
R	791-X1-1014								115100				11713.2				21912.5																														
R	791-X1-1014								11810				11712.9				21817.2																														
R	791-X1-1014								12110				11712.9				21912.5																														
R	791-X1-1014								12410				11712.8				21819.0																														
R	791-X1-1014								12710				11712.0				21818.19																														
R	791-X1-1014								131010				11713.7				21819.17																														
R	791-X1-1014								131310				11713.6				31021.2																														
R	791-X1-1014								131610				11714.0				31141.1																														
R	791-X1-1014								131910				11713.5				31141.19																														
R	791-X1-1014								141210				11714.0				31131.4																														
R	791-X1-1014								141510				11712.7				31131.9																														

Code	Drillhole								Comments, Errant Remarks, Snivellings and /or Lewd Suggestions																																							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
C	791-X1-1014								DEPITHI MIEA SIURIEI OI INI MIEITTEIRS																																							



Lithologic Log

Code	From	To	Unit	Code	Description
	10 14	16 20	22 23	25 27	
L	100	1156	1	#	0/B.
L	1156	1196	2	5B10	
L	1196	1252	3	5B16	
L	1252	1326	4	5B12	
L	1326	1493	5	5B16	
L	1493	1561	6	5B10	
L	1561	1718	7	5B16	
L	1718	1745	8	5B10	
L	1745	1776	9	5B16	
L	1776	11026	10	5B10	
L	11026	11075	11	5B17	5B73
L	11075	11727	12	5B10	
L	11727	11736	13	5A10	
L	11736	11776	14	5B10	
L	11776	11816	15	5B16	
L	11816	11977	16	5B10	
L	11977	120150	17	5B16	
L	120150	12652	18	5B10	
L	12652	12712	19	5B16	
L	12712	12728	20	5B10	
L	12728	12737	21	5B17	5B73
L	12737	13041	22	5B13	5B39 Euhedral grains of pyrrhotite (and pyrite)
L	13041	13047	23	01Q10	Quartz vein with green chlorite selvages
L	13047	131115	24	5B13	5B39
L	131115	13120	25	01Q10	
L	13120	13195	26	5B13	5B39
L	13195	13410	27	5A13	
L	13410	13468	28	5B13	5B39
L	13468	13481	29	5D13	5D39 Euhedral scattered pyrrhotite grains
L	13481	13508	30	5B17	5B73
L	13508	13570	31	5D13	5D39
L	13570	13647	32	5B13	5B39
L	13647	13669	33	4L17	4L76
L	13669	13671	34	4L16	
L	13671	13758	35	5B13	5B3
L	13758	13782	36	5D13	

## Lithologic Log

Logged By: LCP

Core	From		To		Unit		Code		Description
	10	14	16	20	22	23	25	27	
L	3782		3787		37		5B3		
L	3787		3822		38		4L7	4276	
L	3822		3896		39		5B3		
L	3896		3912		40		4L0	4207	
L	3912		3916		41		4A7		
L	3916		3925		42		4L6	4260	
L	3925		3946		43		4A0		
L	3946		3965		44		4K1		
L	3965		3988		45		4C7	4279	Minor chalcopyrite
L	3988		4000		46		4A0		
L	4000		4005		47		4E7	4271	
L	4005		4014		48		4L6		
L	4014		4111		49		5D3		contains thin bands of 5B3
L	4111		4123		50		5B7	5273	
L	4123		4141		51		5D3		
L	4141		4271		52		5B3		
L	4271		4293		53		5B2	5223	
L	4293		4341		54		5B3		
L	4341		4350		55		5D3		
L	4350		4404		56		5B3	5232	
L	4404		4410		57		5D3		
L	4410		4435		58		5B3	5232	
L	4435		4438		59		0Q0		
L	4438		4462		60		5B3		
L	4462		4468		61		0Q0		
L	4468		4503		62		5B3		
L	4503		4547		63		5D3		
L	4547		4563		64		5B3		
L	4563		4592		65		5D3		
L	4592		4597		66		5B0	523	
L	4597		4616		67		5D3		
L	4616		4641		68		5B7	5273	
L	4641		4666		69		5D3		
L	4666		4675		70		5B0		
L	4675		4688		71		5D3		
L	4688		4849		72		5B7	5273	

Lithologic Log

Code	From	To	Unit	Code	Description
	10 14 16	20 22 23 25 27			
L	1418149	1418173	713	51810	
L	1418173	1418181	714	51D13	
L	1418181	1419110	715	51810	
L	1419110	1419127	716	51D13	
L	1419127	1419144	717	51810	
L	1418114	1419143	717	51810	Rock extensively fractured - some fault gouge - numerous post-D2 links
L	1419144	1510113	718	51819	Contains disseminated pyrrhotite in qtz-rich areas pyrrhotite is anhedral - elongate in D2 foliation One small band of 5P3 at 496.7
L	1510113	1510126	719	51817	Tuffaceous bands contain chlorite 5B739
L	1510126	1510140	810	51819	
L	1510140	1510146	811	51A10	
L	1510146	1510153	812	51817	
L	1510153	1510160	813	4L17	
L	1510160	151157	814	51816	5B62
L	151157	151162	815	4L17	4L76 Possibly related to intrusive dike
L	151162	151195	816	01E13	0E372 Phenocrysts of biotite and plag in aphanitic brown to gray matrix. Contact with phyllite is lighter brown. Contact with inner intrusive unit is gradational through gradual color change and coarsening of texture
L	151195	151213	817	01D10	0D07 Chlorite also present - may be altered biotite In places appears to have epidote
L	151213	1512122	818	01D10	0D073 Finer-grained than previous. Contact with previous type is sharp
L	1512122	1513185	819	01D10	0D07 Same as unit 87
L	1513185	1514118	910	01E13	0E372 Same as unit 86
L	1514118	1515162	911	51816	5B692 Pyrrhotite disseminated
L	1515162	1515178	912	01Q10	Qtz veins contain carbonate, chlorite, pyrrhotite. Pyrrhotite enclosed by chlorite
L	1515178	1517138	913	51816	5B69 Carbonate occurs in scattered thin stringers
L	1517138	1517164	914	51A9	
L	1517164	1518116	915	4L16	4L6 with bands of 5A
L	1518116	1518123	916	51A19	
L	1518123	1518141	917	41D17	4D75 Pyritic quartzite with bands of sphalerite & galena. Pyrrhotite occurs with pyrite. Minor 4L6



## Lithologic Log

Logged By: BYH/LCP

Code	From	To	Unit	Code	Description
	10 14	16 20	22 23	25 27	
L	161214	161215	012	5D13	
L	161215	161215	013	5A10	
L	161215	161216	014	4K10	very pyritic toward the hanging wall, baritic toward the footwall. ~18% combined. DY-10
L	161216	161219	015	4A14	-4A41 banded sph ~ 1.0 cm wide should run 15% combined. -minor barite band. 628.8 -DY-9 sample of the banded ore. P-TS.
L	161219	161310	016	4C10	-massive py at the hanging wall. ~10% combined. DY-11
L	161310	161314	017	4A11	grades gradually into 4A1 gradually. less sph-gal than the previous 4A0 section - DY-12. ~8-10% combined
L	161314	161316	018	5A10	
L	161316	161317	019	01Q10	
L	161317	161318	110	5A10	
L	161318	161411	111	5B12	5829 Abundant quartz veins with pyrrhotite blebs
	161411	161417	112	5B16	58692
L	161417	161510	113	5D13	
L	161510	161517	114	5A19	
L	161517	161517	115	5D13	
L	161517	161611	116	5A19	Abundant thin calcite stringers in fractures
L	161611	161612	117	5A*	5A* - marker horizon.
L	161612	161612	118	0E13	0E32 Dark gray dike with plag phenocrysts Ends have baked appearance Reaction "ashing" with graphitic phyllite
L	161612	161617	119	3B10	
L	161617	161710	210	4L16	4L67 Minor carbonate in one small band
L	161710	161819	211	3B10	Minor disseminated pyrrhotite
		161819	1		END OF HOLE

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	
S			156						O/O
S			156	CS12			716	1185	
S			222	CS12			814	1185	
S			295	F23			710	1185	Z sym 15.6 - 29.5
S			364	CS12			717	1185	
S			430	F2E					S sym 29.5 - 43.0
S			422	CS12			810	1185	
S			461	F23					Z sym 43.0 - 46.1
S			484	PS12			810	1185	
S			514	PS12			813	1185	P S <sub>2</sub> 47.0 - 55.6
S			516	F2E					S sym 55.6 - 56.4
S			519	F23					Z sym 56.4 - 59.1
S			610	CS12			710	1185	
S			653	F2E					S sym 56.4 - 65.3
S			676	CS12			710	1185	
S			685	F23					Z sym 65.3 - 68.5
S			713	F2E					S sym 68.5 - 73.2
S			713	CS12			813	1185	
S			795	CS12			715	1185	
S			810	F23					Z sym 73.2 - 81.0
S			818	CS12			815	1185	
S			915	CS12			815	1185	
S			975	F2E					S sym 81.0 - 97.5
S			1011	CS12			815	1185	
S			1015	F23					Z sym 97.5 - 101.5
S			1017	CS12			815	1185	
S			1096	F2E					S sym 101.5 - 109.6
S			1141	CS12			810	1185	
S			1115	F23					Z sym 109.6 - 115.4
S			1190	F2E					S sym 115.4 - 119.0
S			1197	CS12			715	1185	
S			1204	F23					Z sym 119.0 - 125.8
S			1258	CS12			715	1185	
S			1323	CS12			815	1185	
S			1387	CS12			713	1185	
S			1447	CS12			815	1185	

Code	From		To		Feature	SYM	S <sub>1</sub>		S <sub>2</sub>		Description
	Dip	Direct.	Dip	Direct.			Dip	Direct.	Dip	Direct.	
	10	14	16	20	22	24	26	28	32	34	38
S				115108	CIS12				810	11815	
S				11680	CISR				718	11815	
S				117100	CISR				810	11815	
S				117158	CIS12				85	11815	
S				117171	IF2E						S sym 125.8 - 177.1
S				117194	IF23						Z sym 177.1 - 179.4
S				11806	CISR				55	11815	
S				118177	IF2E						S sym 179.4 - 195.6
S				118192	CB12				817	11815	
S				119156	CISR				86	11815	
S				2082	CIS12				817	11815	
S				21064	IF23						Z sym 195.6 - 206.4
S				21106	CISR				68	11815	
S				21160	CIS12				85	11815	
S				22130	IF2E				85	11815	S sym 206.4 - 223.0
S				223107	CISR				82	11815	
S				22368	CIS12				85	11815	
S				224117	IF23						Z sym 223.0 - 241.7
S				224134	CIS12				80	11815	
S				22490	CIS12				815	11815	
S				225160	CIS12				810	11815	
S				22630	CIS12				65	11815	
S				227115	CIS12				65	11815	
S	124117		128100		CIS12	Z			717	11815	Z symmetry dominantly 241.7 - 280.0
S	128100		128131		CIS12	S					S symmetry 280.0 - 283.1
S	128131		128147		CIS12	Z					Z symmetry 283.1 - 284.7
S			128171		CIS12				813	11815	
S	128147		128175		CIS12	S					dominantly S symmetry
S	128175		129141		CIS12	Z					dominantly Z symmetry
S	129141		129159		CIS12	S					dominantly S symmetry
S			129165		CIS12	S			715	11815	
S			130154		CIS12				815	11815	
S	129159		130156		CIS12	S					dominantly S symmetry
S			131145		PS12				715	11815	
S	130156		132109		CIS12	Z					dominantly Z symmetry
S			132109								0.1 m of breccia - post phase 2

Structural Log

Depth	From		To		Feature	SYE	S <sub>1</sub>		S <sub>2</sub>		Description
	10	14	16	20			Dip	Direct.	Dip	Direct.	
S			312140		P/S/2			87	118.5		
S			313101		P/S/2			77	118.5		
S			313165		C/S/2			75	118.5		
S			314129		C/S/2			75	118.5		
S	312109		314149		C/S/2	S					dominantly S symmetry
S	314149		314191		C/S/2	Z					dominantly Z symmetry
S			315172		P/S/2			73	118.5		
S			316167		C/S/2			62	118.5		
S			317156		P/S/2			72	118.5		
S			318122		P/S/2			80	118.5		
S	314191		318151		C/S/2	S					dominantly S symmetry
S	318151		318188		C/S/2	Z					dominantly Z symmetry
S			319105		C/S/2			80	118.5		
S			410142		P/S/2			77	118.5		
S	318188		41108		C/S/2	S					dominantly S symmetry
S			41118		C/S/2			76	118.5		
S	41108		41122		C/S/2	Z					dominantly Z symmetry
S	41122		41149		C/S/2	S					dominantly S symmetry
S	41149		41168		C/S/2	Z					dominantly Z symmetry
S			41170		C/S/2			60	118.5		
S	41168		41218		C/S/2	S					dominantly S symmetry
S			41248		C/S/2			73	118.5		
S			413119		C/S/2			85	118.5		
S	41218		41333		C/S/2	Z					dominantly Z symmetry
S			41350		C/S/2			90	118.5		
S	41333		41376		C/S/2	S					dominantly S symmetry
S	41376		41410		C/S/2	Z					dominantly Z symmetry
S	41410		41519		C/S/2	S					dominantly S symmetry
S			41441		P/S/2			75	118.5		
S			41503		P/S/2			85	118.5		
S			41519		P/S/2			75	118.5		
S			416124		P/S/2			73	118.5		
S	41613		41627		C/S/2						dominantly S-symmetry
S	41627		41642		C/S/2						dominantly Z-symmetry
S			41675		P/S/2			80	118.5		
S			41736		P/S/2			82	118.5		

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
S	1416	142	1417	150	C/S12							Dominantly S-symmetry
S	1417	150	1417	160	C/S12							Dominantly Z-symmetry
S			1418	100	P/S12			810	11815			
S	1418	114	1419	143								Rock extensively fractured with some gouge zones Post D <sub>2</sub> kinking present.
S			1418	145	C/S12 S							S-symmetry in minor folds
S			1419	102	C/S12 Z							Z-symmetry in Z minor folds
S			1419	150	P/S12			716	11815			Just above this location 1:tho layering is at a low angle to the core.
S	1419	149	1419	165	C/S12 S							Dominantly S-symmetry in minor folds
S	1419	165	1419	191	C/S12 Z							Dominantly Z-symmetry in minor folds
S			1510	111	C/S12 S			617	11815			
S	1419	191	1510	115	C/S12 S							Dominantly S-symmetry in minor folds
S	1510	115	1510	140	C/S12 Z							Dominantly Z-symmetry in minor folds
S			1510	175	P/S12			310	11815			
S			1511	105	P/S12			510	11815			
S			1511	155	P/S12			717	11815			
S			1511	162				415	11815			Contact between dike & phyllite
S	1511	173	1511	177				315	11815			Small layer of phyllite in dike - upper contact
S								415	11815			- lower contact
S			1514	118				315	11815			Lower contact of dike & phyllite
S			1514	119	C/S12 Z			810	11815			Two Z-symmetry minor folds
S			1514	139	C/S12 S			715	11815			S-symmetry minor fold
S	1514	156	1514	164	C/S12 S							Dominantly S-symmetry in minor folds
S	1514	164	1514	185	C/S12 Z							Dominantly Z-symmetry in minor folds
S												At 547.1 lithology parallel to core
S			1515	101	P/S12			815	11815			
S	1514	185	1515	128	C/S12 S							Dominantly S-symmetry in minor folds
S	1515	128	1515	142	C/S12 Z							Dominantly Z-symmetry in minor folds
S			1515	162	P/S12			710	11815			
S			1516	123	P/S12			712	11815			
S	1515	142	1517	136	C/S12 S							Dominantly S-symmetry in minor folds
S			1516	177	C/S12 Z			618	11815			
S			1517	30	C/S12 S			810	11815			
S	1517	36	1517	155	C/S12 Z							Dominantly Z-symmetry in minor folds
S			1518	101	P/S12			615	11815			







79-X-05

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 79-X-05

Fabric Orientation Diagram:

Project: DY

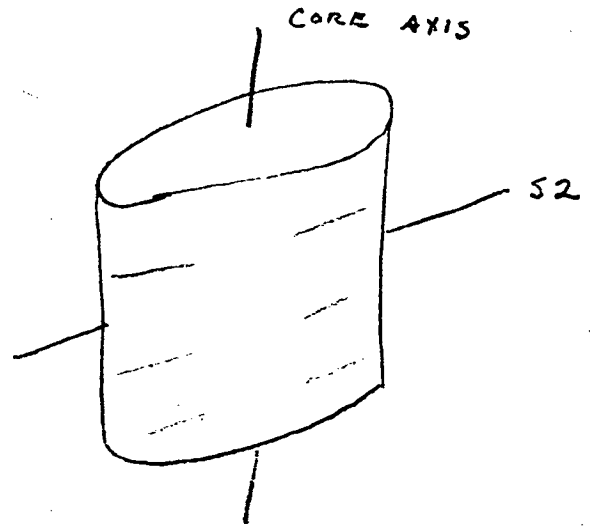
Location: Vangorda Plateau

Claim: DY 41

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

\_\_\_\_\_ E

Grid  
Co-ords.: 19+80E 230S



All symmetry determinations looking

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

SW with dip azimuth 185.

Inclination: Vertical

Elevation: \_\_\_\_\_

Total Depth: 754.3 m

Purpose: Define DY sulphide horizons.

Logged by: L. C. Piggage Date(s) Logged: June 14 -

Drilling

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

NO 6.1 754.3

\_\_\_\_\_

\_\_\_\_\_

Started: May 30, 1979 Completed: June 29th, 1979

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 79-X-05

Fabric Orientation Diagram:

Project: Dy

Location: VANGORDA PLATEAU

Claim: Dy-41

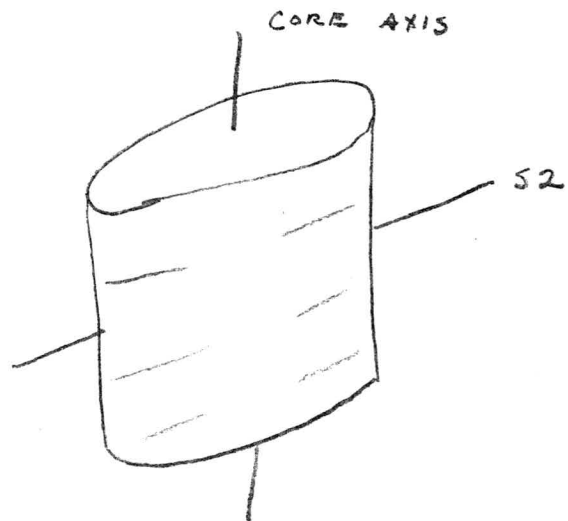
Terr. Plane Co-ords.: \_\_\_\_\_ N

\_\_\_\_\_ E

Grid Co-ords.: 19 + 80 E

230 S

Elevation: \_\_\_\_\_



All symmetry determinations looking NW with 52 dipping SW with dip azimuth 185.

Total Depth: \_\_\_\_\_

Purpose: DEFINE Dy SUNFIDE HORIZONS

Logged by: LCP Date(s) Logged: JUNE 14 -

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

Core	Size	From	To	Collar Cased and Capped
<u>NA</u>	<u>6.1M</u>			

Started: MAY 30, 1979 Completed: \_\_\_\_\_

Core No.	From		To		Unit	Code	Description
	10	14	16	20			
	11010		11211		1	16.8	01B
	11211		11218.2		3	9.0.7	SB - SD
	11218.2		11218.7		3	9.5.3	4L6
	112917		11310.7		3	9.8.3	4C0
	11310.7		11712.7		5	2.6.4	SD - SD
	11712.7		11717.5		5	4.1.0	4L4
	11717.5		11816.10		5	6.6.9	SB - SD mostly SD
	11816.10		11912.0		5	8.5.2	0EB
	11912.0		11919.0		16	0.6.5	4A0 minor bands of massive po (1984)
	11919.0		21014.0		16	2.1.8	4L0
	21014.0		21014.7		16	2.3.9	0EA
	21014.7		21015.8		16	2.7.3	4A0
	21015.8		21017.5		16	3.2.4	0EB
	21017.5		21019.0		16	3.7.0	4A0 minor: po - sph bands
	21019.0		21019.13		16	3.8.5	0EB
	21019.13		21114.6		16	5.4.1	5A0 1SBZ
	21114.6		21115.0		16	5.5.3	SD3
	21115.0		21115.17		16	5.7.4	4L6
	21115.17		21116.6		16	6.0.2	SR
	21116.6		21216.12		16	8.9.4	0EB (22251
	21216.12		21218.11		16	9.5.2	SB/SD
	21218.11		21218.4		16	9.6.1	0EB
	21218.4		21219.4		16	9.8.0	SB/SD
	21219.4		21219.14		16	9.9.2	0EB
	21219.14		21219.6		1	11	SR
	21219.6		21219.19		1	11	0EB
	21219.19		21311.1		1	11	SB ←
	21311.1		21313.0		1	11	0EB } Possible Mt Mya
	21313.0		111		1	11	SB ←
	111		111		1	11	
	111		111		1	11	
	111		111		1	11	
	111		111		1	11	
	111		111		1	11	

(\* Summary:

Lithologic Log

Core	From	To	Unit	Code	Description
	10 14 16 20	22 23 25 27			
L	10 0	16 1	11	#	OVERBURDEN
L	16 1	16 9	12	5B10	
L	16 9	113 1	13	01Q10	Interval contains numerous opaque white quartz veins containing white calcite and green chlorite aggregates
L	113 1	1219 9	14	5B10	Calcareous pale grey phyllite Minor quartz veining Euhedral pyrite grains in calcareous bands - appear to have a pressure shadow in S <sub>2</sub>
L	1219 9	1310 4	15	01Q10	
L	1310 4	1510 3	16	5B10	
L	1510 3	1513 0	17	5B10	Breccia & highly fractured SBD Carbonate + orange-weathering mineral in fractures 50.3-50.8 consists of fault gouge
L	1513 0	1913 6	18	5B10	Variably calcareous light gray phyllite laminated to banded Euhedral pyrite grains in light bands Some pyrite anhedral in S <sub>2</sub> Pyrrhotite occurs sporadically with pyrite starting at 80.9 m
L	1913 6	1915 4	19	5B16	Medium gray, non-calcareous phyllite with qtz stringers
L	1915 4	1918 5	110	5B10	5B0 → 5B2
L	1918 5	11711 8	111	5B16	Variable 5B6 - 5B62. Scattered sections with abundant quartz-carbonate-chlorite veins Phyllite light to medium gray, massive to definitely laminated Euhedral to anhedral pyrite (+ minor pyrrhotite) with white qtz-rich pressure shadows
L	11711 8	11717 7	112	5B10	Gray phyllite with calcareous bands
L	11717 7	11718 9	113	5B12	Medium gray calcareous phyllite
L	11718 9	11719 2	114	5B10	Small section of 5B as fault gouge
L	11719 2	11919 3	115	5B10	5B0 → 5B2
L	11919 3	121010 6	116	5D13	Massive green with gray to white discontinuous carbonate stringers (laminae) lower part becomes increasingly micaceous Transitions 5D3 → 5B73 → 5B0 Over 0.4 m
L	121010 6	121315 9	117	5B10	Laminated grey phyllite Euhedral pyrite. Qtz veins with carbonate & chlorite. Variably laminated. Variable amounts of carbonate Dominantly euhedral pyrite - occasional euhedral pyrrhotite.
L	121315 9	121318 8	118	5B12	Mainly euhedral pyrite
L	121318 8	121511 2	119	5B10	Tension gashes filled with carbonate & quartz Mainly euhedral py

Lithologic Log

Code	From	To	Unit	Code	Description
1	10 14 16	20 22 23 25 27			
L	121511 2	121571 5	119	51810	Fault gouge zone Breccia (angular) fragments of quartz in a soft gray matrix
L	121511 5	121514 5	119	51810	
L	121514 5	121614 5	210	51817	5B73 Chloritic phyllite Contains light grey laminae which are rich in carbonate Variably chloritic - Micas not "massive" Dominantly euhedral pyrite. Minor amounts of pyrrhotite.
L	121614 5	121616 6	211	51810	Mainly euhedral pyrite - minor pyrrhotite
L	121616 6	121617 0	211	51810	Fault gouge zone Soft matrix with angular gtz clasts
L	121617 0	121711 2	211	51810	
L	121711 2	121716 9	212	51817	5B73 Green chloritic phyllite with abundant carbonate Both euhedral pyrite and pyrrhotite. In this interval pyrrhotite more dominant. One grain has pyrrhotite in core with minor pyrite in margins
L	121716 9	121719 1	213	51813	Massive pale green with white gtz + carbonate laminae Mainly pyrite - only minor pyrrhotite.
L	121719 1	121817 5	214	51817	5B73 Gradual transition from 5B3 through increase in micas - develops a strong, spaced crenulation cleavage. Tension gashes filled with gtz & carbonate. Contains both pyrite and pyrrhotite Mainly pyrite
L	121817 5	121818 4	215	51816	No readily visible sulfide grains light grey phyllite
L	121818 4	121819 1	216	01010	Qtz-chlorite veins with minor phyllite
L	121819 1	121913 0	217	51816	Small fault gouge zone just below gtz veins Pale grey to greenish grey phyllite. Transitional to 5B7. S <sub>1</sub> not readily visible. No apparent sulfide grains
L	121913 0	131011 6	218	51816	5B62 Abundant gtz veins Strong development of post-D <sub>2</sub> crenulation cleavage Both pyrite and pyrrhotite In part chloritic - transitional to 5B7
L	131011 6	131013 3	219	51810	Pale grey-green - chloritic Dominantly euhedral pyrrhotite
L	131013 3	131111 3	310	51816	Pale grey phyllite. Well developed D <sub>2</sub> cleavage Sulfide grains are pyrite - occur in gtz-rich areas
L	131111 3	131114 5	311	51816	Massive light olive green Both white & phyllitic laminae Contains thin bands of light grey 5B6 Minor amounts of both pyrite and pyrrhotite Pyrrhotite as larger grains

Lithologic Log

Logged By: LCP

Code	From	To	Unit	Code	Description
	10 14	16 20	22 23	25 27	
L	131145	131170	312	51D13	Same as above except fissures with HCl
L	131170	1312130	313	51B17	5B73 Pale green laminated phyllite Well developed D <sub>2</sub> crenulation cleavage. Euhedral pyrrhotite grains No pyrite noted
L	1312130	1312168	314	51B10	light grey phyllite Area - internal strongly affected by post D <sub>2</sub> deformation
L	1312168	1314150	315	51B17	5B73 Light to dark green phyllite Crenulation cleavage D <sub>2</sub> well developed Euhedral to anhedral pyrrhotite - no pyrite noted.
L	1314150	1314172	316	51D13	Pale olive massive with discontinuous white laminations Euhedral pyrite and pyrrhotite Some grains contain mottled py + po pattern in same crystal
L	1314172	1316147	317	51B17	5B73 Upper part contains mottled po + py Lower part consists entirely of pyrrhotite Dark green to light green phyllite
L	1316147	1316169	318	51B10	Gray to greenish grey phyllite
L	1316169	1317142	319	51D13	Upper interval is massive Rapidly becomes micaceous - looks like chloritic phyllite Transitional to 5B73 Minor sulfide grains - pyrrhotite - no pyrite noted
L	1317142	1319154	410	51B17	5B73 Dark to olive green chloritic phyllite. Euhedral pyrrhotite in minor amounts - no pyrite noted
L	1319154	1319188	411	41K17	4K798 Massive pyrite ± pyrrhotite Carbonate clasts - angular in sulfide matrix Minor scattered chalcocopyrite. Minor magnetite in clasts One thin band (less than 2cm thick) consists dominantly of sphalerite Interval contains bands of grey phyllite interlayered with massive sulfides Carbonate does NOT react strongly to weak HCl
L	1319188	1410135	412	41L16	4K65 Looks like 5B73 with carbonate filling fractures Upper ~10cm is fractured SA with discontinuous pyrite bands. Upper part is light grey because of extensive carbonate bands Lower becomes greener with increased chlorite Call it 5B73

## Lithologic Log

Code	From	To	Unit	Code	Description
	10 14 16	20 22 23	25 27		
L	141013 5	141016 6	413	51D13	Pale to dark green with creamy white carbonate laminae. Euhedral to anhedral pyrrhotite. Varying amounts of phyllitic interbands - these are generally thin (< 5 cm)
L	141016 6	141106 6	414	51B17	5B73 Green phyllitic. Well-developed D2 crenulation cleavage. Contains thin gray carbonate bands. Pyrrhotite grains
L	141106 6	141124 4	415	51B12	5B273 Darker, more graphitic phyllite. Still contains green indicating chlorite
L	141124 4	141175 5	416	51B17	5B73 Transitional to 5D3. Laminated with gray carbonate bands. Well developed crenulation cleavage
L	141175 5	141195 5	417	51D13	Massive to banded green & white 5D3. Widely spaced crenulation cleavage
L	141195 5	141315 4	418	51D13	5D35 - leopard rock. Well-developed striping between dark green phyllitic and white carbonate bands. D2 crenulations cleavage. Separated from unit 47 by excellent dark & light striping
L	141315 4	141410 9	419	51D13	Massive green 5D3 with discontinuous white calcite laminae
L	141410 9	141416 2	510	51B17	5B73 Dark green phyllitic. Spaced crenulations cleavage (D2). Contains thin discontinuous calcite microhilons. Some bands are transitional to 5D
L	141416 2	141517 1	511	51D13	Massive pale green however contact transitional to 5B7
L	141517 1	141719 5	512	51B17	5B73 Contains a few thin bands of 5D3
L	141719 5	141810 3	513	51B10	Carbonaceous gray phyllite. Contains 5B7 interbands on a small scale. Anhedral pyrrhotite
L	141810 3	141813 3	514	51D13	Pale olive green with thin white carbonate laminae
L	141813 3	141814 2	515	51B17	5B73 Small anhedral pyrrhotite grains - minor cpy
L	141814 2	151013 7	516	51D13	Thin bands are transitional to 5B7 (locally)
L	151013 7	151015 6	517	51B17	5B73 Dark green to gray phyllite
L	151015 6	151018 0	518	51D13	Contains thin interbands of 5B. Anhedral pyrrhotite
L	151018 0	151019 7	519	51B17	5B73
L	151019 7	151116 5	610	51D13	Anhedral pyrrhotite in qtz veins
L	151116 5	151119 6	611	51E11	Gray, fine-grained limestone. Contains cross-cutting qtz & carbonate (white) veins. Small section at 518.6 - brecciated clasts - cement of carbonate & qtz.
L	151119 6	151217 2	612	51B17	Dark gray-green phyllite. Anhedral pyrrhotite. 5B73

## Lithologic Log

Logged By: LCP

Code	From	To	Unit	Code	Description
	10 14 16 20 22 23 25 27				
L	151272	151321	613	41L17	4L7462 Chloritic phyllite - green to off-white - with bands and stringers of sulfides. A few layers rich in pyrite. More often pyrrhotite. Sphalerite & galena with pyrite &/or pyrrhotite. Qtz veins present
L	151321	151348	614	41L17	4L7463 Same as above Except appears brecciated with white extremely soft mineral as matrix. Possibly the white mineral - Talc?
L	151348	151369	615	41L17	4L7462 Minor pyrite with pyrrhotite
L	151369	151375	616	41L16	Altered 5B7 - green anhedral to euhedral pyrrhotite
L	151375	151412	617	51B17	5B73 Euhedral to anhedral pyrrhotite. Pyrrhotite has Qtz-rich pressure shadow in D2 cleavage
L	151412	151413	618	41L17	4L746 No readily visible pyrite with pyrrhotite. lowest part contains massive, unidentified silvery-gray sulfide → marcasite?
L	151413	151616	619	51B12	Gray phyllite Green east from chloritic transitionally disappears as go down hole. Subhedral to anhedral pyrrhotite grains. Qtz veins below 563.7 contain epidote-pyrrhotite-chlorite as aggregates. Appearance of epidote may be related to dike just below
L	151616	151616	710	01E13	0E327 Dark gray aphanitic (andesite) Phenocrysts of biotite, plagioclase, minor quartz. Contact against phyllite has "baked" brown appearance.
L	151616	151711	711	01D17	0D70 Pale gray Visible biotite & chlorite. A few phenocrysts of plagioclase. Non-foliated. Transitional contact with unit # 70. Appears to be some hazy interbanding of units 70 & 71
L	151711	151714	712	01D19	0D97 Altered unit # 71 Feldspars gone to clays
L	151714	151812	713	01D17	0D70 Same as unit # 71
L	151812	151815	714	01E13	0E327 Same as unit # 70
L	151815	151816	715	41L16	Pale green phyllite Looks like altered 5A9 - may be related to intrusive dike
L	151816	151911	716	41A14	Graphitic ribbon-banded Contains sphalerite, galena, pyrite
L	151911	151911	717	51D13	or possibly 4L definitely calcareous & chloritic

## Lithologic Log

Logged By: LCP

Code	From	To	Unit	Code	Description
	10 14 16	20 22 23 25 27			
L	151911 7	151912 2	718	41A11	Subangular clasts of phyllite, carbonate, & quartz in massive fine-grained pyrrhotite
L	151912 2	151916 1	719	41A14	4A47 Pyrrhotite with sphalerite & galena. Minor chalcopyrite as thin discontinuous stringers cross-cutting the lithology, D2, and sulfides. Pyrite not readily visible
L	151916 1	161014 0	810	41A14	4A457 Dark graphitic phyllite. Would be considered 5A except for ubiquitous presence of thin sphalerite bands. Pyrrhotite present - pyrite not noted
L	161014 0	161114 2	811	41A14	4A47 Good ribbon-banded with pyrrhotite - no pyrite
L	161114 2	161116 5	812	41L17	4L764 Off-white to greenish. Looks like altered ribbon-banded abundant pyrrhotite in anastomosing bands along D2. Minor chalcopyrite. Locally contains small amounts of sphalerite & galena.
L	161116 5	161119 9	813	41A14	4A47 Ribbon-banded with pyrite, pyrrhotite, minor sphalerite. Thin chalcopyrite stringers cross-cut the D2 crenulation cleavage
	161119 9	161212 3	814	41L17	4L74 Off-cream to pale green phyllite. Disrupted stringers with pyrite, pyrrhotite, sphalerite, galena
L	161212 3	161213 6	815	01D19	0D90 Equigranular. Feldspars totally altered to clays
L	161213 6	161217 4	816	41A14	4A47 Contains both pyrite and pyrrhotite
L	161217 4	161218 3	817	01E10	Contains minor amounts of biotite.
L	161218 3	161219 6	818	01E19	Altered unit # 37
L	161219 6	161312 3	819	01E10	Minor amounts of biotite present
L	161312 3	161314 0	910	41A14	4A475 Very graphitic 4A4. Pyrrhotite is more common than pyrite
L	161314 0	161316 9	911	41D10	Graphitic slate with abundant pyrite, sphalerite, galena. Small intervals are very chloritic - dark to pale green.
L	161316 9	161317 2	912	51A1+	Thin interval of black graphitic 5A
L	161317 2	161318 7	913	01D10	Pale gray equigranular dike
L	161318 7	161319 6	914	41D17	Massive sulfide interbedded with chloritic phyllite. Uppermost part of interval consists of 5A
L	161319 6	161419 9	915	31G10	Variably gray to greenish, non-calcareous phyllite. Qtz veins contain chlorite, carbonate, irregular pyrrhotite. Stringer, irregular pyrrhotite in phyllite

## Lithologic Log

Code	From	To	Unit	Code	Description
	10 14 16	20 22 23 25 27			
L	161419 9	161510 7	916	31G13	Similar to # 95 — this unit is calcareous
L	161510 7	161513 8	917	31G10	Non-calcareous
L	161513 8	161517 8	918	31B10	Top of interval looks like phyllitic SD Gradual transition as go downward into more massive. Overall, unit similar to SD Contains stringer-type pyrrhotite associated with quartz
L	161517 8	161610 4	919	31G10	Non-calcareous phyllite
L	161610 4	161612 3	010	01E13	0E327 Phenocrysts of feldspar + biotite in a dark gray-brown matrix. Outer margin is paler brown — a contact effect
L	161612 3	161810 4	011	01D10	Equigranular, with minor biotite Gradational contact with Unit #100
L	161810 4	161813 0	012	01E13	0E327 Same as Unit # 100. Gradational contact with Unit # 101
L	161813 0	161819 5	013	31D11	Pale green, hard calc-silicate. Contains thin, discontinuous, apple-green layers Minor amounts of purplish biotite-rich bands Some phyllite intervals. Contains anhedral pyrrhotite.
L	161819 5	161912 4	014	31G19	Graphitic phyllite
L	161912 4	161913 0	015	01E13	Dark gray, aphanitic dike with abundant, unoriented white feldspar microclites. Contains sparse, scattered plagioclase phenocrysts
L	161913 0	161917 9	016	31C10	Similar to SD-leopard rock Mottled dark green banding lower part of section contains calc-silicate component. Just above dike contact more gives unit a distinctive gray-green & black striping
L	161917 9	161919 2	017	01E13	Same as Unit # 105
L	161919 2	161919 7	018	31G10	
L	161919 7	17010 3	019	01E13	Same as Unit # 105
L	17010 3	17017 4	110	31G11	Dark gray to green phyllite Contains purplish-biotite-rich bands Looks like it contains a calc-silicate component Interval from 702.7 to 704.8 is extensively brecciated with quartz (white) forming the matrix
L	17017 4	17019 7	111	01E13	Same as unit # 105 Middle of interval consists of brecciated 3G11 on one side of core. Upper

Lithologic Log

Code	From	To	Unit	Code	Description
I	10 14 16	20 22 23	25 27		
					part is dark olive green rather than dark brown black.
L	17109 7	17113 2	112	31G1	Brecciated 3G. Same as Unit # 110 Interval becomes less brecciated towards bottom. Brown to purplish color - probably more biotite than chlorite Qtz fills fractures - only rarely does calcite fill fractures Breccia post-ph <sup>2</sup> since foliated clasts
L	17113 2	17118 1	113	01E13	Dark brown with white, unoriented feldspar microclasts locally amygdaloidal - irregular vesicles filled w/ white mineral - carbonate. In one amygdaloidal region the vesicles outer wall is rimmed or filled by pyrite. Same as Unit # 105
L	17118 1	17211 4	114	31G1	Extensive quartz-filled fractures More brecciated near contact with Unit # 115
L	17211 4	17212 6	115	01E13	Same as Unit # 105 Unit is calcareous throughout
L	17212 6	17213 1	116	31G10	Dark green-gray quartzitic phyllite.
L	17213 1	17213 7	117	01E13	Same as Unit # 105 Locally amygdaloidal - filled by calcite Matrix also calcareous
L	17213 7	17215 1	118	31G10	Gray phyllite Phyllitic areas are carbonaceous
L	17215 1	17215 3	119	01E13	0E39 Amygdaloidal Unit totally altered to soft pale brown to olive green Unit still calcareous. Same as #105
L	17215 3	17215 6	210	31G19	Extremely graphitic phyllite looks like 5A A few angular phyllite fragments with filts in them. Non-calcareous
L	17215 6	17215 9	211	01E13	0E39 Altered to pale olive green color
L	17215 9	17216 8	212	31G19	
L	17216 8	17218 7	213	01D12	Transitional chill margin of Dixon Creek type dit Margin is extensively altered to pale green Unaltered portions contain biotite and plagioclase phenocrysts
L	17218 7	171310 9	214	01E17	Equigranular with biotite Gradational contact with chill margin locally altered along fractures Alteration - pale green with chlorite and clays Slight CO <sub>2</sub>
L	171310 9	171312 4	215	01E19	Total alteration of Unit 0E7
L	171312 4	171411 0	216	01E17	locally altered along fractures Thin very siliceous marble at 734.8

Lithologic Log

Logged By: LCC

Depth (m)	From		To		Unit	Code	Description
	10	14	18	20			
1	1714.1	0	1715.4	3	217	01E19	Rest of section consists of off-white altered Dixon Creek type dike Equigranular. F. Dipose often totally gone to pale green clay Altered dike is slightly calcareous Breccia zone at 748.4 - 748.7 m  END OF HOLE
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Geochemical Log (Sampler's Copy)

Core	From			To			Sample No.	RECOVERY	Description
	10	14	16	20	22	27			
P	131915	3	131916	3	X1 10131015		.9 m	4K798	
P	131916	6	131918	2	X1 10131016		1.5	4K798	
P	131918	2	131918	9	X1 10131017		.6	4K798	
P	151217	1	151219	0	X1 10131111		2.0	4L746	
P	151219	0	151311	0	X1 10131112		1.8	4L746	
P	151311	0	151312	0	X1 10131113		1.3	4L746	
P	151312	0	151313	0	X1 10131114		1.4	4L743 brecciated 4L746	
P	151313	0	151314	9	X1 10131115		1.3	4L743 brecciated 4L746	
P	151314	9	151316	7	X1 10131116		2.1	4L746	
P	151412	5	151414	1	X1 10131117		1.9	4L746	
P	151816	4	151818	2	X1 10141519		1.8	4A4	
P	151818	2	151819	6	X1 10141610		1.5	4A4	
P	151819	6	151911	1	X1 10141611		1.6	4A4	
P	151911	7	151912	3	X1 10141612		.6 -	4H1	
P	151912	3	151914	3	X1 10141613		1.9 -	4A47	
P	151914	3	151916	1	X1 10141614		1.9 -	4A47	
P	151916	1	151919	7	X1 10141615		2.0 -	4A457	
P	151919	7	161011	3	X1 10141616		2.0 -	4A457	
P	161011	3	161013	3	X1 10141617		2.0 -	4A457	
P	161013	3	161015	3	X1 10141618		1.8 -	4A457 - 4A47	
P	161015	3	161017	3	X1 10141619		2.0 -	4A47	
P	161017	3	161019	4	X1 10141710		2.0 -	4A47	
P	161019	4	161111	1	X1 10141711		2.0 -	4A47	
P	161111	1	161113	1	X1 10141712		2.0 -	4A47	
P	161113	1	161114	2	X1 10141713		1.4 -	4A47	
P	161114	2	161116	6	X1 10141714		2.3 -	4L764	
P	161116	6	161118	1	X1 10141715		1.5	4A47	
P	161118	1	161119	6	X1 10141716		1.4	4A47	
P	161119	6	161210	7	X1 10141717		1.1	4L74	
P	161210	7	161212	0	X1 10141718		1.3	4L74	



79-X-06

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 79-x-06.

Fabric Orientation Diagram:

Project: DY

Location: YANGORDA PLATEAU

Claim: DY-184

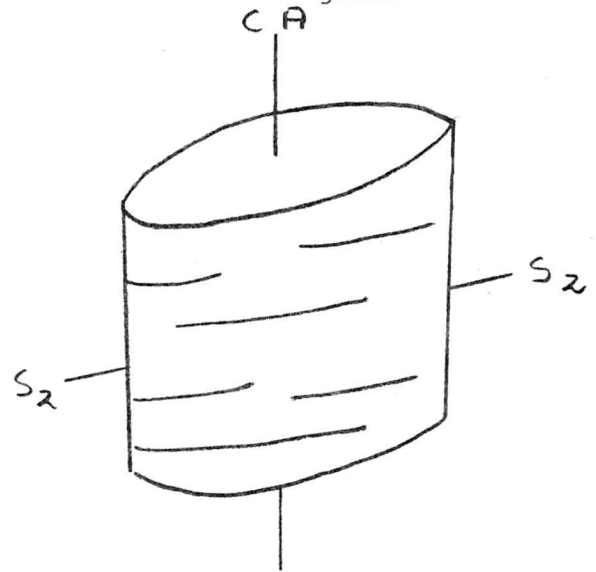
Terr. Plane  
Co-ords.: \_\_\_\_\_ N

\_\_\_\_\_ E

Grid  
Co-ords.: L13+50

150 S

Elevation: \_\_\_\_\_



All symmetry determinations looking  
NW with S<sub>2</sub> dipping  
SW with dip azimuth 185.

Total Depth: 918.3 m

Purpose: INTERSECT BARITIC SECTION ENCOUNTERED IN 77x05

Logged by: BVH Date(s) Logged: June 11 - June 24, 1979

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

NØ 6.7 918.3

\_\_\_\_\_

\_\_\_\_\_

Started: May 30, 1979 Completed: June 24, 1979

Lithologic Log

Case	From	To	Unit	Code	Description
1	10	14 18	20	22 23 25 27	
	1 1010	1 1312	1	1 1	01B
	1 1312	181112	1	1 1	SB - SD mostly SB
	181112	181713	1	1 1	0F8
	181713	111515	1	1 1	SB - SD
	111515	1121316	1	1 1	5A0
	1121316	2121211	1	1 1	SB - SD
	2121211	2121214	1	1 1	4G0
	2121214	2121215	1	1 1	4L4
	2121215	2121210	1	1 1	4G4
	2121310	2131119	1	1 1	4L0
	2131119	2131312	1	1 1	4G0
	2131312	2131319	1	1 1	4L0
	2131319	2141214	1	1 1	4G4 4E0 content increasing toward
	1 1 1	1 1 1	1	1 1	the footwall grade decreasing
	2141214	2141516	1	1 1	4A0 possibly 5% combined
	2141516	2141716	1	1 1	5A0
	2141716	2151114	1	1 1	SB / SD
	2151114	2141316	1	1 1	4A0 ~ 5-6 % sph.
	2141316	2141616	1	1 1	5A0
	2141616	2151218	1	1 1	SB / SD / SA
	2151218	2151611	1	1 1	4A0
	2151611	2151616	1	1 1	4L7
	2151616	2151619	1	1 1	TD / 4G
	2151619	2151810	1	1 1	4L
	2151810	2151817	1	1 1	4A0
	2151817	2151916	1	1 1	4G
	2151916	2161012	1	1 1	SBZ
	2161012	2161110	1	1 1	4G
	2161110	2161113	1	1 1	4E0
	2161113	2161117	1	1 1	4G
	2161117	2161212	1	1 1	4A0
	2161212	2161312	1	1 1	4L0
	2161312	2161412	1	1 1	4G0 no grade.
	2161412	2171210	1	1 1	assorted 4L crap.

This will really turn your crank Glenn.

excellent grade >20%  
2300 - 2386'

TO: GLENN SIMPSON  
2 PAGES

(\*) Summary

## Lithologic Log

Logged By: BVH

Code	From	To	Unit	Code	Description	
1	10	14	16	20	22 23 25 27	
L	1 10 0	1 16 7	11	#	0/B	
L	1 16 7	1 17 2	12	5B10		
L	1 17 2	1 17 0	13	5B16		
L	1 17 0	1 14 5	14	5B10		
L	1 14 5	1 17 4	15	5B16	gouge zones 55.8 - 59.3 m, 63.1 - 63.5 64.9 - 66.9	
L	1 17 4	1 19 1	16	5B10		
L	1 19 1	1 19 2	17	5B16		
L	1 19 2	1 10 1	18	5B12		
L	1 10 1	1 10 2	19	5B10		
L	1 10 2	1 10 18	110	5B12		
L	1 10 18	1 11 1	111	5B10		
L	1 11 1	1 13 16	112	5B16		
L	1 13 16	1 14 18	113	5B10		
L	1 14 18	1 15 13	114	5B12 - 5B23		
L	1 15 13	1 15 16	115	5B10		
L	1 15 16	1 15 17	116	5B12 - 5B23		
L	1 15 17	1 16 19	117	5B10		
L	1 16 19	1 18 13	118	5B16		
L	1 18 13	1 20 12	119	5B10		
L	1 20 12	1 20 16	210	5B16		
L	1 20 16	1 21 15	211	5B10		
L	1 21 15	1 21 18	212	5A10		
L	1 21 18	1 21 41	213	5B10		
L	1 21 41	1 21 44	214	5B17 - 5B73		
L	1 21 44	1 21 49	215	5B17		
L	1 21 49	1 21 65	216	0E12	- 0E29 plag altered to titanite	
L	1 21 65	1 21 66	217	0E13		
L	1 21 66	1 21 75	218	5B16	py diss.	
L	1 21 75	1 21 77	219	5B10		
L	1 21 77	1 21 82	2310	5B17	5B73	
L	1 21 82	1 21 83	31	5B10	py diss	
L	1 21 83	1 31 18	312	5B16	~ gouge zones 283.9 - 284.4, 305.4 - 307.8	
L	1 31 18	1 32 10	313	5B10	py diss	
L	1 32 10	1 35 13	314	5B16	py diss, 1 <sup>st</sup> grain of po 343.5 m	
L	1 35 13	1 35 14	35	5A11		

Lithologic Log

Code	From	To	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
L	131514 5	131515 3	316	51B16	
L	131515 3	131518 2	317	51A11	brecciated gouge zone 355.3 - 358.2
	1 1 1	1 1 1	1	1 1	numerous qtz clasts, probably deformed
	1 1 1	1 1 1	1	1 1	qtz veins
L	131518 2	131614 5	318	51B12	- 5B23
L	131614 5	131710 2	319	51B17	5B73 py diss
L	131710 2	131711 8	410	51B12	- 5B23
L	131711 8	131815 3	411	51B10	gouge zone 372.6 - 372.9 m 1 grain of po associated with py grains
L	131815 3	131815 8	412	51B12	- 5B23
L	131815 8	131915 7	413	51B10	gouge zone 394.8 - 395.6
L	131915 7	141012 1	414	51B12	- 5B23 py > po diss
L	141012 1	141115 1	415	51B10	diss py = po
L	141115 1	141115 9	416	51D10	
L	141115 9	141212 5	417	51B16	
L	141212 5	141213 4	418	51D13	
L	141213 4	141215 2	419	51B10	
L	141215 2	141313 3	510	51D13	
L	141313 3	141315 5	511	51B10	
L	141315 5	141319 1	512	51D13	
L	141319 1	141411 0	513	51B16	
L	141411 0	141412 4	514	51D13	
L	141412 4	141414 5	515	51B17	- 5B73
L	141414 5	141417 0	316	51B16	gouge zone 446.7 - 447.0
L	141417 0	141417 6	517	51D10	
L	141417 6	141418 4	518	51B16	
L	141418 4	141419 1	519	51D15	
L	141419 1	141511 3	610	51D13	✓
L	141511 3	141519 3	611	51B10	
L	141519 3	141613 6	612	51D13	
L	141612 6	141613 5	613	51B10	
L	141613 5	141614 2	614	51D13	
L	141614 2	141616 6	615	51B16	
L	141616 6	141618 7	616	51B17	
L	141618 7	141912 2	617	51B16	po > py gouge zone 485.4 - 485.6
L	141912 2	151018 6	618	51B10	
L	151018 6	151019 3	619	51D16	

Lithologic Log

Code	From	To	Unit	Code	Description
1	10 14 16 20 22 23 25 27				
L	510193	151157	710	51B10	gauge zones 510.0 - 512.0, 513.3 - 513.4
L	151157	1512106	711	51D16	
L	1512106	1512118	712	51D13	
L	512118	1512157	713	51B10	gauge zone 522.6 - 522.8
L	512157	1512179	714	51B12	- SB23 gauge zone 527.6 - 527.9
L	1512179	1512193	715	51D16	
L	1512193	1513153	716	51B10	
L	513153	1514148	717	51B17	- SB73 possible section containing rip-up clasts
L	1514148	1514177	718	51B10	
L	1514177	1515156	719	51B16	
L	1515156	1515187	810	51B17	- SB73
L	1515187	1516173	311	41L16	- 41L67, closely resembles SB,
	111	111	1	11	section only appears slightly
	111	111	1	11	altered.
L	1516173	1516125	812	51B17	- SB73
L	1516125	1517152	813	51B10	
L	1517152	1517181	814	51B16	gauge zone 575.9 - 576.2
L	1517181	1517197	815	51B10	
L	1517197	1519178	816	51B16	gauge zone 590.3 - 590.7, 591.6 - 592.1
L	1519178	1610111	817	51B10	
L	1610111	1610162	818	51B12	- SB23
L	1610162	1610175	819	01Q10	
L	1610175	1611114	910	41L17	
L	1611114	1611138	911	01Q10	
L	1611138	1611152	912	41L16	- 41L67
L	1611152	1613114	913	51B12	- SB23 gauge zone 616.7 - 616.8, 620.1 - 620.2
L	1613114	1613140	914	51B12	- SB26
L	1613140	1613156	915	51B12	- SB23
L	1613156	1613182	916	51B10	
L	1613182	1614117	917	51B17	- SB73
L	1614117	1615101	918	51A13	gauge zone 647.7 - 648.0
L	1615101	1615130	919	51B12	- SB23
L	1615130	1615157	010	51B16	
L	1615157	1615188	011	51B10	
L	1615188	1616114	012	41L16	
L	1616114	1616158	013	51B16	

## Lithologic Log

Code	From		To		Unit		Code	Description
	10	14	16	20	22	23		
L	161615	8	161617	7	014		4L15	
L	161617	7	161710	2	015		5B12	- SB23
L	161710	2	161711	0	016		5A11	- 5A19
L	161711	0	161712	0	017		4K17	massive po in a calcareous matrix
								minor bands of galena.
L	161712	0	161716	7	018		5A11	
L	161716	7	161717	3	019		4K17	- 4K79 minor qtz veins, and brecciated
								zones, minor epz blebs, massive po
L	161717	2	161717	7	110		4K17	massive po in a slightly calcareous matrix
L	161717	7	161718	1	111		4L11	- 4L15
L	161718	1	161719	4	112		4G18	calcareous material within the baritic
								matrix, ~ 8-9% combined
L	161719	4	161811	6	113		4L13	
L	161811	6	161815	3	114		4L16	
L	161815	3	161910	2	115		4L17	
L	161910	2	161918	4	116		4L16	- 4L679 resembles SD, possible protolith
L	161918	4	171014	9	117		4L17	chloritic patches surrounding the po veins.
L	171014	9	171016	6	118		4L16	resembles altered SA
L	171016	6	171018	5	119		4E18	soft rock slump structures evident
								in the SA at the hanging wall contact
								gauge zone 707.0 - 708.5 are quite
								brecciated.
L	171018	5	171110	8	210		4G10	base metal content low, baritic content
								high, veined by calcite.
L	171110	8	171113	0	211		4L13	- with 0QO sweets, minor po, chl
								content very low.
L	171113		171114	3	212		4G11	- 4G18 baritic bands interbedded with
								siliceous bands, magnetite occurring
								in discrete bands with have been
								boudanaged.
L	171114	3	171114	8	213		4L13	flame structures of sph within the 4L,
								massive sph at the footwall and hanging
								wall contacts
L	171114	8	171116	1	214		4G11	- 4G148 siliceous material interbedded
								with the baritic material.
								mag occurring in boudanaged bands.

Lithologic Log

Code	From	To	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
					slightly calcareous, also included are minor interbands of graphitic material.
L	17116 1	17116 7	215	41014	- 4048 closely resembles the baritic material overlying, only the barite content is lacking
					- slightly calcareous
					- siliceous bands.
L	17116 7	17117 4	216	4611	- 46148 - one baritic patch 10cm wide, siliceous bands
L	17117 4	17118 2	217	41014	- 4048 calcareous in places. matrix more siliceous than baritic
L	17118 2	17216 7	218	4611	- 46148
					very baritic from 718.2 - 720.4 generally contains less magnetite in the more baritic portions
					minor pyritic bands which show evidence of soft rock deformation??
					on the other hand I could be dreaming*
L	17216 7	17218 3	219	41E14	bands of massive sph-gal, major difference from #128 is the pyrite bands are more frequent and thicker.
L	17218 3	17312 7	310	4610	- calcareous bands, could run greater than 10% combined though.
					similar to 718.2 - 720.4
					731.2 - 732.4 massive barite and quartz interbanded, little base metal content, minor patches of coarse sph and gal which exhibit deformational flame structures, cpy also, Act in veins
					- coarse grain carbonate patches in association with the coarse sph-gal.
L	17312 7	17315 4	311	41E10	minor bands of sph-gal - mag
					one band of massive barite - qtz - calcite which contains flame structures which embay into it containing minor sph-gal - cpy - py

\* A H

## Lithologic Log

Code	From		To		Unit		Code		Description
	10	14	16	20	22	23	25	27	
L	17315	4	17318	0	312	41G14			- 4G48 minor carbonate in the matrix minor graphitic band exhibiting possible soft rock features.
L	17318	0	17318	5	313	51D16			minor diss py, abundant siliceous bands interbanded.
L	17318	5	17319	8	314	41G10			carbonate in matrix. interbanded with 4E, bands approx 10cm thick
L	17319	8	17413	5	315	41A10			sulphide content decreasing gradually from the hanging wall, sph generally more abundant toward the hanging wall, py dominant sulphide po content evident as opposed to # 35
L	17415	5	17417	5	316	41A17			minor py and po in bands.
L	17417	5	17510	6	317	51A19			
L	17510	6	17511	9	318	51A10			
L	17511	9	17512	5	319	51D14			minor sph bands.
L	17512	5	17610	7	40	51B12			minor bands of po
L	17610	7	17612	0	41	51A10			
L	17612	0	17613	0	42	51B16			
L	17613	0	17615	3	43	41L13			appears to be an altered version of 5D
L	17615	3	17616	2	44	41L11			- 4L14 - laminated chert.
L	17616	2	17712	1	45	41A10			minor py bands.
L	17712	1	17717	3	46	41A4			sph bands.
L	17717	3	17717	7	47	51D0			
L	17717	7	17810	7	48	51B16			- minor band of 5A0 777.7 - 777.8
L	17810	7	17812	1	49	41L13			minor diss po
L	17812	1	17812	8	50	41G14			- 4G48
L	17812	8	17813	3	51	41D14			- 4D48 barite content down, sulphide content up.
L	17813	3	17813	9	52	41C19			
L	17813	9	17815	2	53	41A17			- 4A79
L	17815	2	17816	4	54	41L13			- 4L37
L	17816	4	17818	0	55	41A10			
L	17818	0	17818	9	56	41C10			clots of silica
L	17818	9	17819	5	57	41G10			
L	17819	5	17910	1	58	41E18			mag content higher than #58

Lithologic Log

Code	From	To	Unit	Code	Description
1	10 14 16	20 22 23	25 27		
L	171910 1	171910 5	519	41618	
L	171910 5	171911 0	610	41610	✓
L	171911 6	171911 7	611	41417	
L	171911 7	171912 4	612	51A10	
L	171912 4	171913 3	613	51B12	
L	171913 3	171913 6	614	41416	
L	171913 6	171914 5	615	41610	little base metal content,
L	171914 5	171916 6	616	41E18	✓
L	171916 6	171917 8	617	41618	
L	171917 8	171919 5	618	41A10	
L	171919 5	181010 6	619	41413	- 4L37
L	181010 6	181011 6	710	41A10	
L	181011 6	181012 1	711	41413	
L	181012 1	X181013 6	712	41411	✓ 4L17
L	181012 9	181015 7	713	41618	- 4L89 mainly banded py with some
					bands of barite and qtz up to 10 cm
					carbonate also in the matrix
					diss blebs of cpy
L	181015 7	181114 4	714	41416	- 4L67
L	181114 4	181116 2	715	41411	- 4L17 po more abundant than #74
L	181116 2	181316 1	716	41416	- 4L67
L	181316 1	181410 3	717	41417	
L	181410 3	181413 8	718	41416	- 4L67
L	181413 8	181417 2	719	41417	
L	181417 2	181514 5	810	41416	4L67 bt bands 849.2
L	181514 5	181515 4	811	41411	- 4L17
L	181515 4	181711 0	812	41416	- 4L67
L	181711 0	181713 2	813	41417	po content ~ 50% 872.5 - 873.2
L	181713 2	181715 7	814	41A10	
L	181715 7	181718 0	815	41A14	~ 10% combined very siliceous.
L	181718 0	181718 8	816	41610	- slightly calcareous matrix
L	181718 8	181719 2	817	41A10	
L	181719 2	181813 2	818	51A19	main sulphide cpy
L	181813 2	181815 3	819	51A19	main sulphide po
L	181815 3	181816 4	910	41417	massive py band at the hanging wall contact.



DDH 79-X-06  
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## Cyprus Anvil Mining Corp.

## Geochemical Log (Sampler's Copy)

Page 1 of 1

Logged By: BYH

Sampled By: ALL/MCN

Code	From	To	Sample No.	Description
P	1617110	1617120	X10131018	1.0 m 4K7 0.7 m
P	1617167	1617177	X10131019	1.0 m 4K79 + 4K7 1.0 m
P	1617181	1617194	X1013110	1.3 m 4G8 1.3 m
P	1710166	1710185	X1013118	1.9 m 4E8 2.14 1.9
P	1710185	171108	X1013119	2.3 m 4G0 2.62 2.3
P	1711130	1711143	X1013120	1.3 m 4G18 1.3
P	1711143	1711148	X1013121	0.5 m 4L3 .5
P	1711148	1711161	X1013122	1.3 m 4G18 1.6 1.3
P	1711161	1711167	X1013123	0.6 m 4D4 .8 0.6
P	1711167	1711174	X1013124	0.7 m 4G148 .8 0.7
P	1711174	1711182	X1013125	0.8 m 4D48 2.0 0.8
P	1711182	1712102	X1013126	2.0 m 4G148 2.2 2.0
P	1712102	1712122	X1013127	2.0 m 4G148 2.1 2.0
P	1712122	1712142	X1013128	2.0 m 4G148 2.2 2.0
P	1712142	1712157	X1013129	1.5 m 4G148 1.3
P	1712157	1712167	X1013130	1.0 m 4G148 1.2 1.0
P	1712167	1712183	X1013131	1.6 m 4E4 1.6
P	1712183	171305	X1013132	2.2 m 4G0 2.2
P	1713105	1713127	X1013133	2.2 m 4G0 2.3 2.2
P	1713127	1713140	X1013134	1.3 m 4E0 1.9 1.3
P	1713140	1713154	X1013135	1.4 m 4E0 1.7
P	1713154	1713170	X1013136	1.6 m 4G48 1.5
P	1713170	1713180	X1013137	1.0 m 4G48 1.0
P	1713180	1713185	X1013138	0.5 m 5D69 .5
P	1713185	1713198	X1013139	1.3 m 4G0 1.8 1.3
P	1713198	1714118	X1013140	2.0 m 4A0 2.0
P	1714118	1714138	X1013141	2.0 m 4A0 2.0
P	1714138	1714155	X1013142	1.7 m 4A0 1.7
P	1714155	1714175	X1013143	2.0 m 4A7 2.0
P	1717121	1717141	X1013144	2.0 m 4A4 2.0
P	1717141	1717161	X1013145	2.0 m 4A4 2.06

DDH 79-X-06  
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Cyprus Anvil Mining Corp.

## Geochemical Log (Sampler's Copy)

Page \_\_\_\_\_ of \_\_\_\_\_

Logged By: SYHSampled By: MCN/ALL

Code	From	To	Sample No.	Description		
	10 14 16 20 22 27					
P	1717161	1717173	X10346	1.2 m	4A4	1.1
P	1718121	1718128	X10347	0.7 m	4G48	.7
P	1718128	1718133	X10348	0.5 m	4D48	.5
P	1718133	1718139	X10349	0.6 m	4C9	.6
P	1718139	1718152	X10350	1.3 m	4A791	1 m.
P	1718152	1718164	X10385	1.2 m	4L37	1.2
P	1718164	1718180	X10388	1.0 m	4A0	1.6
P	1718180	1718189	389	0.9 m	4C0	.85 m
P	1718189	1718195	385	0.6 m	4G0	.6 m
P	1718195	1719101	386	0.6 m	4E8	.83 m 0.6
P	1719101	1719105	387	0.4 m	4C8	.44 m
P	1719105	1719110	388	0.5 m	4G0	.65 m 0.5
P	1719110	1719117	389	0.7 m	4L7	.85 m 0.7
P	1719136	1719145	390	0.9 m	4G0	1.15 m 0.9
P	1719145	1719166	391	2.1 m	4E8	1.92 m
P	1719166	1719178	392	1.2 m	4G8	1.26 m
P	1719178	1719195	393	1.7 m	4A0	1.7 m
P	1719195	1810106	394	1.1 m	4L37	1.14 m
P	1810106	1810116	395	1.0 m	4A0	.85 m 0.8
P	1810129	1810142	396	1.3 m	4C89	1.3 m
P	1810142	1810157	397	1.5 m	4C89	1.54 m
P	1811126	1811143	398	1.7 m	4L67	1.63
P	1811143	1811161	399	1.8 m	4L17	1.7
P	1811161	1811179	400	1.8 m	4L67	2.03 1.8
P	1817125	1817132	379	0.7 m	4L7	.98 0.7
P	1817132	1817142	380	1.0 m	4A0	1.1 1.0
P	1817142	1817157	381	1.5 m	4A0	1.8 1.5
P	1817157	1817180	451	2.3 m	4A4	2.03
P	1817180	1817188	452	0.8 m	4G0	.8
P	1817188	1817192	453	0.4 m	4A0	.35 0.3

79-X-07

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 79-x-07

Fabric Orientation Diagram:

Project: DY

Location: VANCORDA PLATEAU

Claim: DY-43

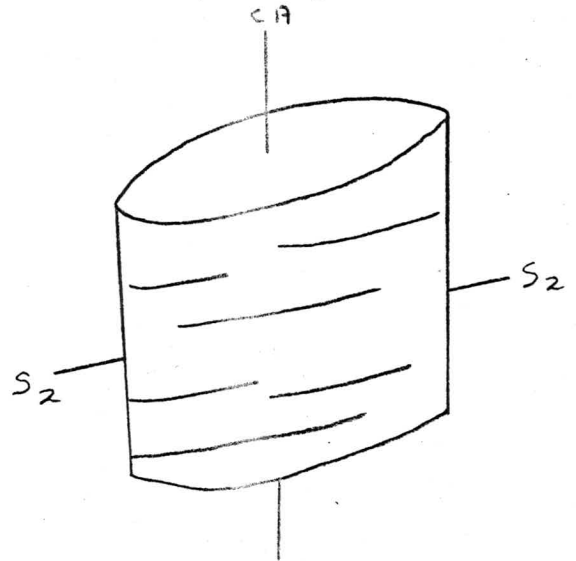
Terr. Plane Co-ords.: 6901190.78 N

597656.70 E

Grid Co-ords.: 18+60 E

40 N

Elevation: 1056.80



All symmetry determinations looking NW with S<sub>2</sub> dipping SW with dip azimuth 185.

Total Depth: 699.5

Purpose: To extend the Mineralization Encountered in 77-x-07

Logged by: BVH/LCP

Date(s) Logged: June 22 - July 17, 1979

Drilling Contractor:

ARCTIC

Core: Size From To Collar Cased and Capped: No

NØ 31.1 699.5

Started: June 15, 1979 Completed: July 11, 1979





Core Code	From		To		Unit		Code		Description
	10	14	16	20	22	23	25	27	
L	10100		13111		11		#		O/B
L	13111		15333		12	510			gouge zone 52.7-53.3
L	15333		15644		13	51B16			silicified bx zone 55.0-55.4 (both present) <sup>py &gt; po</sup>
L	15644		15933		14	51D16			minor po, no py noted
L	15933		16555		15	51D13			no sulfides in upper massive part lower phyllitic part has pyrite
L	16555		16822		16	51B16			bx zone angular clasts 66.4-66.7 <sup>minor pyrite</sup>
L	16822		17444		17	5B10			pyrite & pyrrhotite
L	17444		17677		18	51D13			pyrite - very minor amounts
L	17677		17744		19	51B10			pyrite & pyrrhotite - about equal amounts - minor constituent
L	17744		18100		110	51D13			pyrite
L	18100		18104		111	51B16			pyrite
L	18104		18355		112	51D13			gouge zone 83.2-83.5
L	18355		18477		113	51B10			pyrite
L	18477		19222		114	51D13			pyrite
L	19222		112104		115	51B10			pyrite - only minor pyrrhotite - some pyrrhotite around margins of pyrite
L	112104		113158		116	51A13			Closely resembles 5B23 (border-line situation) pyrite
									minor bands of py
L	113158		121246		117	51B10			Gouge zone 136.4-137.4
									Dominantly pyrite. Some pyrrhotite grains, in cases pyrrhotite also on edges of pyrite grains lower
									part of interval contains both pyrite and pyrrhotite grains
L	121246		121282		118	51D13			(minor sph - gal bands 210.3 & 210.9) Contains some minor phyllitic bands Both
									pyrite and pyrrhotite grains present
L	121282		121848		119	51B10			Variably calcareous. Numerous regions with minor
									quartz veining. Both pyrite & pyrrhotite occur as
									subhedral grains
L	121848		121863		210	51D13			Transitional to 5B73. Only smaller portions
									consist of good massive 5D3. Pyrite dominant
L	121863		121910		211	51B17			5B73. Dark to light greenish phyllitic. Both
									pyrrhotite and pyrite grains present
L	121910		121946		212	51D13			Variably phyllitic. Some thin intervals approach
									leopard-rock laminated appearance. Good subhedral
									pyrite with fracture shadows. Some pyrrhotite also
									present.
L	121946		131029		213	51B17			5B73. Greenish phyllitic lower part of section
									more graphitic - dark gray color. Pyrite

Lithologic Log

Code	From	To	Unit	Code	Description
1	10 14 16	20 22 23 25 27			
L	131029	131106	214	5D13	Massive with discontinuous calcite stringers - to well laminated. Minor phyllitic intervals. Contains quartz-carbonate veins (with chlorite) Pyrite grains
L	131106	131146	215	5B10	Both pyrrhotite & pyrite present. Pyrrhotite dominant
L	131146	131178	216	5B16	py present
L	131178	131203	217	5D10	
L	131203	131236	218	5B16	py present
L	131236	131283	219	5D10	
L	131283	131293	310	5D15	-SD53
L	131293	131306	311	5B16	py > po
L	131306	131386	312	5B17	-SB73 po > py
L	131386	131406	313	5B10	
L	131406	131429	314	41610	slightly pyrrhotitic
L	131429	131577	315	5B17	-SB73 po present, no py
					Pale cream to dark green phyllite. Some short intervals of micaceous SD. Small vein of galena with pyrrhotite at 350.5
L	131577	131613	316	0D15	0D23 Marginal phase of Dixon Creek like. Phenocryst of plagioclase and biotite.
L	131613	131619	317	01E19	Dixon Creek or Dixite
L	131619	131770	318	01E19	Altered unit #37. Very pale green color. Feldspars altered to clays. Minor carbonate along fractures. Locally alterations restricted to zones around fractures.
L	131770	131789	319	01E17	Same as Unit #37
L	131789	131812	410	0D12	0D23 Same as Unit #36
L	131812	131910	411	5B17	5B73 Generally dark olive-green phyllite. Carbonate bands common. Some intervals should be considered scuzzy SD3. Pyrrhotite, no pyrite
L	131910	141023	412	5D13	Massive olive-green to well-laminated green & white (gray). Contains both pyrite & pyrrhotite. Gray bands are carbonate.
L	141023	141041	413	5D10	Light greenish gray SD. Brecciated - clasts are foliated by D2 before brecciation. Quartz & carbonate in abundant fractures. Top 0.2 M contains sphalerite bands along S2.

Lithologic Log

Code	From	To	Unit	Code	Description
	10 14	16 20	22 23	25 27	
L	141014 1	141019 3	414	51D13	Generally laminated chloritic phyllite with carbonate (gray) interbands. Marcasite (?) vein-stringer at 404.7. Lower part contains thin interbands of graphitic phyllite (starting at 408.2)
L	141019 3	141111 1	415	51B10	Gray phyllite with well-developed crenulation cleavage. Pyrrhotite - no pyrite
L	141111 1	141112 4	416	51B17	5B73 Dark green phyllite
L	141112 4	141119 8	417	51D13	Commonly pale olive green massive to laminated locally darker green. Scattered interbands of carbonaceous phyllite (dark gray). Quartz veins commonly contain green chlorite
L	141119 8	141214 2	418	51B10	Gray to dark green phyllite. Abundant fine cross-cutting carbonate veins. Larger quartz veins also present. Rock extensively fractured
L	141214 2	141215 0	419	51D13	Light olive green phyllite. Well-developed SA cleavage visible. Contains light gray carbonate bands
L	141215 0	141310 7	510	51B10	Dark gray to dark green phyllite. Minor gray carbonate laminae. Quartz veins present. Anhydrous to subhedral pyrrhotite. Qtz veins contain carbonate-chlorite
L	141310 7	141312 2	511	51B17	5B73 Dark olive green. Carbonate laminae common. Upper contains bands of SD. Upper interval heavily fractured - carbonate & qtz filling fractures
L	141312 2	141315 8	512	51B10	Minor 5B7 bands. Could be considered 5B2
L	141315 8	141411 2	513	51B17	5B73 Greenish-gray phyllite. Transitional between 5B and 5D. Contains distinctive gray-clearish carbonate stringer-bands. Subhedral to anhedral pyrrhotite
L	141411 2	141519 1	514	51D13	Laminated 5D with short intervals of massive 5D. Much of section could be considered 5B7 - the traditional gray zone. Crenulation cleavage well-developed with carbonate & mica microclitions. Scattered carbonate-chlorite veins up to 0.4 m thick
L	141519 1	141813 5	515	51B12	anhedral pyrrhotite - often near qtz veins. Crenulation cleavage textures common. Pyrrhotite often forms elongate stringers in D2 foliation

Lithologic Log

Core	From		To		Unit		Code	Description
	10	14	16	20	22	23		
L	1418	5	1418	4	516	510	3	Massive, pale olive green. Thin calcite laminae
L	1418	4	1419	2	517	518	2	Stringer pyrrhotite in D2 foliation. Laminated with carbonate-rich & micaceous bands
L	1419	5	1510	6	9	519	51A10	Subhedral to stringer-type pyrrhotite. Minor gtz veins filling fractures. Variably laminated with carbonate-rich bands. Thin fault gouge zone at 503.9
L	1510	9	1510	7	8	519	51D13	5038 - Micaceous, chloritic phyllitic. Veins of clearish-white calcite. Thin bands of 5A intermixed
L	1510	8	1511	1	3	610	51A10	Variably laminated. Dark gray black. Stringer pyrrhotite elongate in D2
L	1511	3	1511	2	8	611	51D13	5038 Micaceous. Abundant stringer-bands of coarsely-crystalline whitish-clear carbonate. Anhedral pyrrhotite
L	1511	8	1511	4	1	612	51A19	Minor py + pyrr // banding
L	1511	1	1511	6	2	613	4A10	Abundant band py + pyrr 5A9 & 4A0
L	1511	2	1511	6	5	614	51D13	
L	1511	5	1511	6	8	615	51A10	ZERO SULF
L	1511	2	1511	7	2	616	51D13	Minor pyrr rich laminae
L	1511	2	1511	7	7	617	51A10	
L	1511	7	1511	8	8	618	51D19	-5093 Pyrr bands 517.9 - 518.2.
L	1511	8	1511	9	0	619	4A10	Pyrr [1917]
L	1511	0	1520	2	2	710	51D13	
L	1520	2	1520	4	4	711	51A19	py - pyrr
L	1520	4	1521	9	7	712	51D13	
L	1521	9	1522	3	5	713	51A10 / 9	pyrr py banding 523.1 - 523.5.
L	1522	5	1522	4	4	714	51D13	
L	1522	4	1522	6	1	715	51A17	[minor 5037] inter bands mixed py with 503 calc veins
L	1522	1	1522	6	5	716	51D13	
L	1522	5	1522	7	2	717	51A10	
L	1522	2	1522	7	6	718	01010	
L	1522	6	1522	8	5	719	51A10	
L	1522	5	1530	4	4	810	51D19	-5093 pyrr banding (possible 4667)
L	1530	4	1531	1	6	811	51A10	10 cm 4A0 / 530.4
L	1531	6	1531	5	0	812	51D13	
L	1531	0	1531	8	9	813	51B12	
L	1531	9	1531	9	6	814	4L17	

Code	From	To	Unit	Code	Description
	10 14 16	20 22 23 25 27			
L	15396	15411	2	815	51B16
L	15412	15416	6	816	51D13
L	15416	15429	9	817	51B16
L	15429	15440	0	818	51B12
L	15440	15450	0	819	41A14 alternating bands sph + py
L	15450	15483	3	910	41A10 gouge zone 545.9 - 547.3
L	15483	15492	2	911	51B12
L	15492	15513	3	912	51B10
L	15513	15516	5	913	51B17 - 51B73
L	15516	15518	0	914	51D13
L	15518	15610	1	915	51B17 - 51B72
L	15610	15612	0	916	51A10 ✓
L	15612	15616	4	917	51A13 ✓
L	15616	15711	8	918	51A19 ✓
L	15711	15713	5	919	51A13 ✓
L	15713	15714	0	010	41K11 <sup>CaCO<sub>3</sub> notankerite</sup> Hanging wall has a cherty appearance, recrystallized sph-gal
L	15714	15714	3	011	41A10 -
L	15714	15716	9	012	41G10 CaCO <sub>3</sub> band 576.2 - 576.3
L	15716	15717	1	013	51D10
L	15717	15718	0	014	41G10
L	15718	15718	5	015	41E10
L	15718	15800	0	016	41D14
L	15800	15810	4	017	51D13 - minor diss py
L	15810	15811	8	018	41D14
L	15811	15813	8	019	41D14 - minor clots of ankerite
L	15813	15816	9	110	41A11 - 41A14
L	15816	15819	0	111	51A10 - gouge zone 586.7 - 589.4
L	15819	15911	0	112	51D11
L	15911	15911	9	113	41L10 minor pe, gouge zone 590.7 - 590.9
L	15911	15915	4	114	51B16
L	15915	15915	9	115	51D13 pe present
L	15915	15917	9	116	51B17 - 51B73 pe minor
L	15917	16010	3	117	51A13 5986 - 5988 4L with pyrite stringer
L	16010	16011	2	118	51B17 - 51B73 minor pe
L	16011	16011	6	119	51D13 "
L	16011	16011	9	210	51B17 - 51B73 "



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				13	11						01B	
				13	11						Sco Metabasite, no structure	
S				15	3	3	CIS	R	710	118	15	
S				15	7	4	IF	2	3		Z sym 53.3 - 57.4	
S				15	9	4	CIS	12	810	118	15	
S				16	13	4	IF	2	3		S sym 57.4 - 63.4	
S				16	15	9	CIS	12	515	118	15	
S				16	18	3	IF	2	3		Z sym 63.4 - 68.3	
S				17	1	3	IF	2	3	619	118	15
S				17	7	1	IF	2	3		S sym 68.3 - 71.3	
S				17	7	1	IF	2	3		Z sym 71.3 - 72.1	
S				17	7	5	IF	2	3		S sym 72.1 - 73.5	
S				17	7	6	IF	2	3		Z sym 73.5 - 75.6	
S				17	9	0	CIS	12	715	118	15	
S				17	9	2	IF	2	3		S sym 75.6 - 79.2	
S				18	1	2	IF	2	3		Z sym 79.2 - 81.2	
S				18	4	1	CIS	12	817	118	15	
S				19	2	2	CIS	12	816	118	15	
S				19	2	5	IF	2	3		S sym 81.2 - 92.5	
S				19	4	3	IF	2	3		Z sym 92.5 - 94.3	
S				19	6	3	CIS	12	719	118	15	
S				110	2	5	IF	2	3	716	118	15
S				110	4	7	IF	2	3		S sym 94.3 - 102.5	
S				110	5	8	IF	2	3		Z sym 102.5 - 104.7	
S				110	7	7	IF	2	3		S sym 104.7 - 105.8	
S				110	7	7	IF	2	3		Z sym 105.8 - 107.7	
S				110	19	5	CIS	12	812	118	15	
S				111	12	3	IF	2	3		S sym 107.7 - 112.3	
S				111	12	4	CIS	12	810	118	15	
S				112	10	5	CIS	12	810	118	15	
S				112	17	2	IF	2	3		Z sym 112.3 - 121.2	
S				112	13	0	IF	2	3		S sym 121.2 - 123.0	
S				112	14	4	IF	2	3		Z sym 123.0 - 124.4	
S				112	17	3	CIS	12	715	118	15	
S	112	14	4	112	17	7	CIS	12	5		Symmetry, D2 minor structures	
S	112	17	7	112	18	1	CIS	12	3		Z-symmetry, D2 minor structures	
S				113	12	3	CIS	12	5	713	118	15
S				114	11	1	CIS	12	5	718	118	15

Code	From			To			Feature	SYM	S <sub>1</sub>		S <sub>2</sub>		Description
	10	14	16	20	22	24			26	28	32	34	
S				11478	CIS12	S				817	11815	Occasional S1 microlithons	
S	11218	1		11510	CIS12	S						S-symmetry, D2 minor structures	
S	11510	8		11530	CIS12	Z						Z-symmetry, D2 minor structures	
S				11536	PIS12					817	11815	Occasional S1 microlithons	
S				11597	PIS12					817	11815		
S				11615	CIS12	S				810	11815		
S	11530			11676	CIS12	S						S-symmetry, D2 minor structures	
S				11619	PIS12					814	11815		
S	11676			11710	CIS12	Z						Z-symmetry, D2 minor structures Only minor scattered microlithons	
S				11715	PIS12					616	11815		
S				11810						711	11815		
S	11710	5		11810	CIS12	S						S-symmetry, D2 minor structures	
S				11811	CIS12					617	11815		
S				11827	IF2E							S sym 170.5 - 182.7	
S				11846	IF23							Z sym 182.7 - 184.6	
S				11860	IF2E							S sym 184.6 - 186.0	
S				11867	IF23					619	11815	Z sym 186.0 - 186.7	
S				11932	IF2E					718	11815	S sym 186.7 - 193.2	
S				11960	IF23							Z sym 193.2 - 196.0	
S				12030	CIS12					715	11815		
S				12091	CIS12					810	11815		
S				12112	IF2E							S sym 196.0 - 212.1	
S				12145	IF23							Z sym 212.1 - 214.5	
S				12156	IF2E					719	11815	S sym 214.5 - 215.6	
S				12169	IF23							Z sym 215.6 - 216.9	
S				12210	IF2E							S sym 216.9 - 220.0	
S				12211	CIS12					810	11815		
S				12279	IF23					712	11815	Z sym 220.0 - 227.9	
												post D2 features	
S				12320	IF2E							S sym 227.9 - 232.0	
S				12340	IF23					716	11815	Z sym 232.0 - 234.0	
S				12410	CIS12					810	11815		
S				12462	CIS12					810	11815		
S				12526	IF2E					712	11815	S sym 234.0 - 252.6	
S				12545	IF23							Z sym 252.6 - 254.5	

Structural Log

Code	From	To	Feature	E Sym	S <sub>1</sub>		S <sub>2</sub>		Description	
					Dip	Direct.	Dip	Direct.		
1	10	20	22	24	26	28	32	34	38	
S		2161	15	CIS12				817	11815	
S		21617	6	IF2	2			716	11815	S sym 254.5 - 267.6
S		21711	7	IF2	3					Z sym 267.6 - 271.7
S		21713	7	CIS12				714	11815	
S		21719	8	CIS12				714	11815	
S		21816	3	IF2	2			811	11815	S sym 271.7 - 286.3
S		21817	7	IF2	3					Z sym 286.3 - 287.7
S		21912	2	CIS12				814	11815	F4 minor structures
S		21918	1	CIS12				615	11815	F4 minor structures
S		21918	7	IF2	2					S sym 287.7 - 298.7
S		31011	2	IF2	3					Z sym 298.7 - 301.2
S		31014	3	CIS12				819	11815	
S		31110	3	CIS12				713	11815	
S		31116	4	CIS12				810	11815	
S		31212	0	CIS12				712	11815	
S		31212	9	IF2	2					S sym 301.2 - 322.9
S		31217	3	IF2	3			815	11815	Z sym 322.9 - 327.3
S		31313	4	CIS12				716	11815	
S		31315	0	IF2	2					S sym 327.3 - 335.0
S		31316	8	IF2	3					Z sym 335.0 - 336.8
S		31319	5	CIS12				811	11815	
S		31414	3	CIS12	S			818	11815	
S		31512	3	PIS12	S			615	11815	
S	131316	31517	6	CIS12	S					S-symmetry, D2 minor structures
		31517	6					615	11815	Contact between dike and phyllite
		31812	0					617	11815	Contact between dike and phyllite
										Contact sub    D2 (S2)
S		31812	8	PIS12				717	11815	
S		31817	1	PIS12				818	11815	
S		31913	4	PIS12	S			716	11815	Poorly developed S2 in SD
S		31918	8	PIS12	S			717	11815	
S	141012	141014	1							Extensive fracturing. Some breccia post-D1 Lithology disturbed. Probably F4?
S		141014	7	PIS12				418	11815	
S		141017	8	PIS12				610	11815	
S	141110	141119								large F4 kink bands present

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	38			
S		48140						70	185	
S		48145	CIS1					70	185	
S		48172	CIS2					75	185	
S		48189	CIS1							
S		48199	CIS2					70	185	
S		49101	CIS2	Z						
S		49111	F5							70°/05° Here assume S2 185
S		49114	CIS2					70	185	
S		49131	CIS2	P				70	185	Potassic S2 115
S		49138	CIS2	S						ONE READING ONLY.
S		49157	CIS2					85	185	
S		49199						80	185	F3 Comstock Dashed
S		50117	CIS2	V						Predominantly Z
S		50118	CIS2					80	185	
S		50138	CIS2					70	185	
S		50144	CIS2	S						
S		50160	CIS2					70	185	
S		50170	CIS2	Z						
S		50175	CIS2					90	185	
S		51100	CIS2					70	185	
S		51109		S						Predominantly S
S		51133	CIS2					85	185	F3 510.9 - 511.4
S		51154	CIS2	Z						Predominantly Z
S		51172	CIS2					75	185	
S		52113	CIS2					85	185	
S		52121	CIS2							
S		52121	CIS2	X						Mixed S-Z repeat all.
S		52141	CIS2					80	185	
S		53105	CIS2					85	185	
S		53128	CIS2	S						Prod. S.
S		53136	CIS2					70	185	
S		53154	CIS2	X				75	185	
S		53189	CIS2					80	185	5389 - 5415 F3 & F5 interf.
S		54115		P						
S		54143	F2							Fold nose.
S		54170	CIS2					70	185	

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
S			14110	8	P/S12		715	11815		
S			14116	9	C/S12 S		77	11815		
S	1313	20	14118	0	C/S12 S				S-symmetry, D2 minor structures	
S	14118	0	14127	5	P/S12				No minor structures visible	
S			14130	0	P/S12		618	11815	Poorly defined crenulation cleavage	
S			14130	1	P/S12		615	11815	Crenulation cleavage	
S	14127	8	14131	1	C/S12 S				S-symmetry, D2 minor structures	
S			14131	5					Kink folds - axes at low angle to core axis	
S			14135	3	C/S12 E		718	11815	Well developed crenulation cleavage	
S			14135	9					F4 - at low angle to core axis	
S	14131	11	14137	1	C/S12 E				E-symmetry, D2 minor structures	
S	14137	1	14143	5					libolysing at low angle to core axis. Kink folds. Post-D2 folding (called F4)	
S			14139	3	C/S12 Z		614	11815	Crenulation cleavage	
S			14142	5	C/S12 E		717	11815		
S			14144	2	C/S12 S		617	11815	Crenulation cleavage	
S			14148	3	C/S12 S		715	11815	Crenulation cleavage	
S	14143	5	14148	3	C/S12 S				S-symmetry, D2 minor structures	
S	14148	3	14150	5	P/S12				No minor structures visible	
S			14151	8					F4 kink folds near quartz vein	
S			14153	2	P/S12		810	11815	D2 fltn subparallel libolysing	
S			14160	1					Well developed kink folds (F4)	
S			14157	6	C/S12 S		810	11815	Crenulation cleavage	
S			14162	9	C/S12 E		714	11815	Crenulation cleavage	
S	14162	9	14165	3	C/S12 E				E-symmetry, D2 minor structures	
S	14165	9	14167	2					Post-D2 crenulation cleavage, high angle to core axis; dips opposite to S2	
S			14168	6	C/S12 S		715	11815	Crenulation cleavage	
S			14174	8	C/S12 S		713	11815	Crenulation cleavage	
S			14177	9	C/S12 S		814	11815	Crenulation cleavage	
S	14165	3	14178	2	C/S12 S				S-symmetry, thin intervals with post-D2 crenulation cleavage at high angle to core axis - dips opposite to S2	

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	
S			15510	4	CISZ	S			
S			15510	6	CISZ			810	1815
S			15520		CISZ			710	1815
S			15538		CISZ	X			
S			15572		CISZ			810	1815
S			15583		CISZ				
S			15597		CISZ				
S			15617		CISZ			715	1815
S			15635		CISZ			810	1815
S			15647		CISZ	Z			
S			15655		CISZ			715	1815
S			15678		CISZ	S		710	1815
S			15708		CISZ	Z		70	1815
S			15710		CISZ			710	1815
S			1572		CISZ			715	1815
S			15786		CISZ				
S			15912		CISZ			615	1815
S			15915		CISZ			710	1815
S			16103		CISZ			711	1815
S			16109		CISZ			613	1815
S			16115		CISZ			716	1815
S			16211		CISZ			717	1815
S			16217		CISZ			811	1815
S			16313		CISZ			718	1815
S			16319		CISZ			811	1815
S			16415		CISZ			716	1815
S			16516		CISZ			812	1815
S			16517		CISZ			614	1815
S			16613		CISZ			813	1815
S			16619		CISZ			718	1815
S			16716		CISZ			614	1815
S			171810	3	IFR	Z		812	1815
S			171811	5	IFR	Z			
S			171815	2	CISZ			715	1815
S			171816	4	IFR	Z			
S			171912	8	CISZ			814	1815

EVEN # 9 DIST ZPS Flip Trap.

VERY FEW READINGS NOT FEASIBLE.

F5 developed.  
Dom Z.

GOOD S

S sym 570.8 - 780.3  
Z sym 780.3 - 781.3

S sym 781.3 - 786.4









79-X-08

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 79-X-08

Fabric Orientation Diagram: \_\_\_\_\_

Project: DY

Location: Vangorda Plateau

Claim: DY 186

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

\_\_\_\_\_ E

Grid Co-ords.: L 13+50E

Inclination: 75N

Elevation: \_\_\_\_\_

Total Depth: 83.29

Purpose: Fill in section 13\_50E

Logged by: B. V. Hall

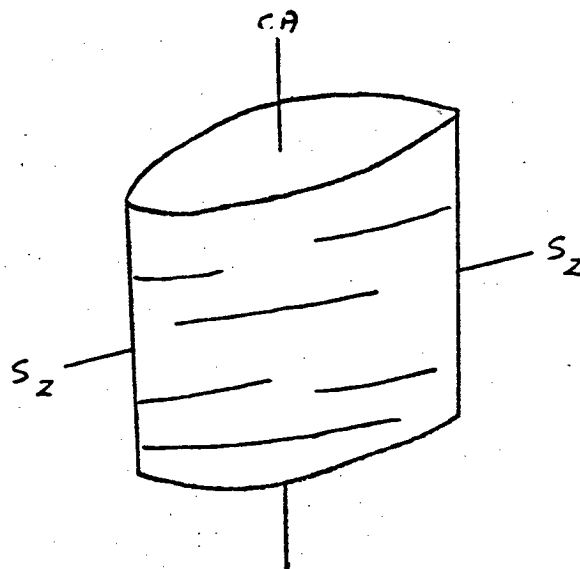
Date(s) Logged: July 1st - July 17, 1979

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

NQ 32.0 832.9

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Started: July 1st/79 Completed: July 15/79



All symmetry determinations looking

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

SW with dip azimuth 185°.

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 79-x-08

Fabric Orientation Diagram:

Project: DY

Location: VANGORDA PLATEAU

Claim: DY-45

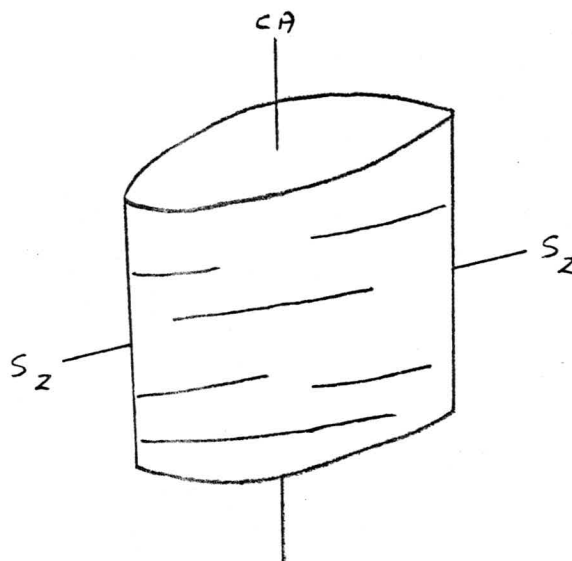
Terr. Plane  
Co-ords.: \_\_\_\_\_ N

\_\_\_\_\_ E

Grid  
Co-ords.: L 13+50 E

75 N

Elevation: \_\_\_\_\_



All symmetry determinations looking  
NW with S<sub>2</sub> dipping  
SW with dip azimuth 185.

Total Depth: 832.9

Purpose: FILL IN SECTION 13+50 E

Logged by: BVH Date(s) Logged: June 30 - July 17, 1979

Drilling Contractor: ARCTIC Core: Size From To Collar Cased and Capped: No

NQ 32.0 832.9

\_\_\_\_\_  
\_\_\_\_\_

Started: \_\_\_\_\_ Completed: July 15, 1979

Code	From	To	Unit				Code	Description
			22	23	25	27		
L	110 0	1113 2	11			#	D/B.	
L	111 3 2	11510 0	12	SIB10			gauge zones 17.8-18.0, 38.0-38.2 <sup>only py present</sup> 42.7-43.9, 46.0-46.4, 48.0-48.8	
							(The Drillers thought this section clayed.)	
L	115 0 0	11515 7	13	SID10			gauge zones 51.7-52.3, 53.2-54.2	
L	115 5.7	11518 8	14	SIB16			gauge zone 55.7-58.8 <sup>py only</sup>	
L	115 8.8	11611 8	15	SID15			calcareous laminations <sup>py only</sup>	
L	116 1.8	11616 2	16	SID3			small chloritic patches 1) clasts, 2) amygdaloidal	
L	116 6.2	11713 8	17	SK10			gauge zone 71.2-71.3 <sup>py &amp; ps</sup>	
L	117 3.8	11811 9	18	SID13			SD35 calcareous laminations	
L	118 1.9	11813 8	19	SK13			<sup>py only found</sup>	
L	118 3.8	11813 5	110	SID13			resembles #2, 3, 6 <sup>ps &amp; py</sup>	
L	118 8.5	11916 3	111	SK10			possibly piller lavas, amygdaloidal sections (0.1cm) siliceous section	
							0.5cm then another amygdaloidal section, pattern is repeated every 50cm, fine bands of talc <sup>ps</sup>	
L	119 6.3	11918 1	112	SID13			broken core 97.1-99.3 <sup>only ps found</sup>	
L	119 8.1	111013 3	113	SID16			no py or ps found	
L	1110 3.3	1113 2 1	114	SIB16			py only found	
L	1113 2.1	1113 19 5	115	SB12			gauge zone 131.0-131.1 <sup>py only found</sup>	
L	1113 9.8	111415 9	116	SB3			resembles SB7 <sup>py only found</sup>	
L	1114 5.9	111718 5	117	SB10			<sup>py only found</sup>	
L	1114 8.8	111510 5	118	SID10			similar to #16	
L	1115 0.5	111811 4	119	SIB10			gauge zone 167.4-168.2 <sup>py found</sup>	
L	1115 1.4	111812 9	210	SIB16			gauge zones 181.6-181.9, 183.1-183.5, 184.1-184.3	
L	1118 8.9	111910 4	211	SIB12			-SB26 <sup>py found</sup>	
L	1119 0.4	111911 6	212	SIB16				
L	1119 11.6	111913 2	213	SIB10				
L	1119 3.2	111915 3	214	SIB16				
L	1119 5.3	111915 6	215	SID10			associated OOO veins	
L	1119 5.6	121014	216	SIB16			gauge zones 197.8-198.4	
							gauge zone and breccia 2009-2045	
L	121 304.5	121019 7	217	SIB10			<sup>py found only</sup>	
L	121 309.7	121413 5	218	SIB16			gauge zones 218.8-219.4, 223.1-224.3 <sup>py zone (all py only)</sup>	

Lithologic Log

Code	From	To	Unit	Code	Description	
L	121413	5	2769	119214	51215	gouge zone 256.3 - 256.2, 256.7 - 262.6
	111		11	11		py > po
L	12711	9	2853	11315	310 51210	py > po
L	12815	3	323.5	11125	311 51316	py > po
L	131215	5	326.0	11136	312 51310	po mantling py
L	13216	0	328.8	11138	312 51316	"
L	13218	8	371.4	11144	314 51310	po > py. po mantling py
L	13711	"	374.9	11149	315 51316	
L	13714	9	379.9	11149	316 51310	no py, po found
L	13719	9	398.8	11149	317 51316	po > py
L	13919	8	424.0	11140	318 51310	gouge zone 400.8 - 401.6
L	141214	0	431.1	111311	319 51316	po > py
L	141311	1	443.5	111313	310 51310	po > py
L	141413	5	445.6	111310	311 51316	breccia zone 443.5 - 444.2 po > py
L	141415	0	451.3	111316	312 51310	breccia zone 446.8
L	141513	6	454.3	111314	313 51313	
L	141614	3	463.5	111313	314 51310	
L	141613	5	464.3	111314	315 51316	
L	141614	3	469.1	111319	316 51316	Zone of broken core
L	141619	1	474.1	111314	317 51310	
L	141714	1	474.9	111314	318 51316	
L	141714	9	481.6	111316	319 51312	-SB26 broken core zone
L	141811	6	486.2	111318	320 51316	
L	141818	2	493.8	111318	321 51316	→ borderline with 466, faintly altered rock, faint po
L	14913	8	498.3	111318	322 512 51313	massive py band 493.4 - 493.5
L	14918	3	501.5	111311	323 513 51315	-SD53
L	150115	5	505.7	111315	324 514 4147	- 41475 minor bands of po up to 3cm wide
L	150157	7	508.2	111318	325 515 4143	- 41437
L	150183	3	509.3	111319	326 516 41010	minor mag recurring in bandaged bands
L	150195	5	510.3	111310	327 517 41048	minor banded mag.
L	151110	3	510.6	111310	328 518 41017	cherty appearance
L	151110	6	511.5	111311	329 519 41413	- 414374 small bands of po - sph which increase in frequency toward the footwall.
L	151115	5	513.1	111313	330 41018	minor blobs of spy

## Lithologic Log

Code	From		To		Unit		Code		Description
	10	14	16	20	22	23	25	27	
L	513	1	1511	152	611		41C10		minor blebs of cpy generally associated with the qtz clots
L									minor po
L	515	2	1511	179	612		41C17		minor diss cpy occupying tension gashes
L	517	9	1511	182	613		51D16		- 5D61 banded with silica
L	518	2	1511	189	614		41C17		40789 minor CaCO <sub>3</sub> hosted in the matrix
L									bands of mag minor diss cpy
L	518	9	1511	199	615		51D16		
L	519	9	1512	125	616		41D18		- sph-gal main associated with mag occurring in bands,
L	522	5	1512	185	617		41C18		- 4C84 minor bands of sph-gal-mag
L	528	5	1512	193	618		41L10		resembles 5C6 in appearance
L	529	3	1513	168	619		41C18		bands of sph-gal-mag, minor clasts of sph-gal-mag (rounded) hosted in a pyritic matrix
L	536	8	1513	174	710		41E10		
L	537	4	1513	185	711		41C18		same as #67
L	538	6	1514	110	712		41C10		
L	541	0	1514	131	713		41C18		4079 CaCO <sub>3</sub> in matrix minor bands of sph-gal, and clasts
L	543	1	1514	135	714		41C10		CaCO <sub>3</sub> in matrix, associated with the quartz
L	543	5	1514	144	715		41K11		- 4K17
L	544	4	1514	148	716		41C17		CaCO <sub>3</sub> in matrix
L	544	8	1514	156	717		41C18		CaCO <sub>3</sub> in matrix
L	545	6	1514	172	718		41L10		
L	547	2	1515	104	719		41C10		CaCO <sub>3</sub> in matrix
L	550	4	1515	107	810		41C18		
L	550	7	1515	113	811		71C18		
L	551	3	1515	120	812		41D18		
L	552	0	1515	140	813		41L17		- 4L74
L	554	0	1515	145	814		41L12		- 4L278
L	554	5	1515	155	815		41L17		
L	555	5	1515	180	816		51B16		appears faintly altered to 4L6
L	558	0	1516	167	817		41L17		
L	566	7	1516	171	818		41H10		
L	567	1	1516	174	819		41L17		
L	567	4	1516	181	810		41L11		- 4L17

From	To	Unit	Code	Description
151618 1	151619 0	911	41018	
151619 0	151619 5	912	41611	42157
151619 5	151712 0	910	41C14	- 4C148
151712 0	151712 5	911	41A14	
151712 8	151713 2	910	41A10	
151713 2	151713 5	916	41K11	
151713 5	151714 5	917	41E10	
151714 2	151714 5	910	41A10	
151714 5	151717 0	910	41C17	CaCO <sub>3</sub> hosted in matrix
151717 7	151718 0	010	41A17	- 4A179
151718 3	151719 7	011	51A11	
151719 7	151811 9	012	41L17	
151811 9	151814 4	013	51B16	faintly altered to 426
151814 4	151815 0	014	41L16	- 4267
151815 3	151816 6	015	51B16	
151816 6	151818 3	016	41A10	
151818 3	151818 7	017	41L12	- 4227
151818 7	151819 1	018	41A10	
151819 1	151912 4	019	41C17	
151912 4	151912 9	110	41A10	
151912 9	151913 8	111	41L16	- 4267
151913 8	151914 4	112	41L17	
151914 4	151917 2	113	41L16	
151917 2	151917 5	114	41C10	
151917 5	151918 0	115	41K10	
151918 0	151919 2	116	41C10	minor band of 5D 598.3, minor bands of
111	111	1	11	bag
151919 2	161010 2	117	41E10	minor qtz bands.
161010 2	161015 3	118	41L10	more pyrochlitic toward the footwall.
161015 3	161016 2	119	41C17	
161016 2	161018 0	210	41L17	
161018 0	161110 2	211	41C17	- 4C74 minor graphitic bands (4A)
111	111	1	11	inter-banded.
161110 2	161110 8	212	41A10	
161110 8	161114 0	213	51B16	- 5B19 appears faintly altered to 4267
111	111	1	11	po inter-banded.

Core	From	To	Unit	Code	Description
1	10 14 16	20 22 23	25 27		
L	16114 2	16116 2	214	5A11	
L	16116 2	16118 8	215	4K17	-4C78
L	16118 8	16119 5	16	4L16	-4L65
L	16121 5	16123 3	217	4E18	+SB7 minor bands of SD6 620.7, 4A4 at hanging wall, SB7 at 621.0-621.2.
					toward the footwall cpy appears,
					minor bands, one band of BasO <sub>4</sub>
					in summary this rock is junk.
L	16123 3	16124 3	218	4C13	mag appears to increase toward the footwall.
L	16124 6	16129 9	219	5B16	- may be faintly altered to 4L6
L	16129 9	16130 5	310	4L11	-4L12 → 4C0, interbedded qtz & chl-musc py massive in places,
L	16130 6	16140 9	311	5D13	→ 5D35
L	16140 9	16142 5	312	5B17	-SB73
L	16142 5	16160 8	313	5B10	
L	16160 8	16172 0	314	5B12	-SB23
L	16172 0	16173 9	315	5B17	-SB73
L	16173 9	16175 2	316	5B12	-SB23
L	16175 2	16176 3	317	4A14	
L	16176 3	16179 1	318	4C10	
L	16179 1	16181 5	319	4A14	
L	16181 5	16189 1	410	4A10	
L	16189 1	16189 4	411	5D16	
L	16189 4	16192 9	42	4A10	
L	16192 9	16195 1	413	4L11	-4L17
L	16195 1	16196 6	414	4A10	
L	16196 6	16199 8	415	5B16	
L	16199 8	17101 0	416	4L11	-4L17
L	17101 0	17106 9	417	5B16	
L	17106 9	17109 2	418	4L10	
L	17109 2	17118 5	419	5B16	
L	17118 5	17122 8	510	5B10	bt present in bands ~ 0.2 cm wide
L	17122 8	17126 8	511	5B16	
L	17126 8	17130 5	512	4L16	-4L67 bt present in bands
L	17130 5	17132 3	513	4L16	-4L65 bt present in bands

Code	From	To	Use	Code	Description
	10 14 16 20 22 25 27				
L	171313	171313	5	4126	-4267
L	171315	171317	1	4127	
L	171317	171318	6	51817	
L	171318	171410	0	51217	
L	171410	171418	8	51817	po only
L	171418	171446	28	5103	
L	171446	171487	41	51817	
L	171487	171510	23	41217	
L	171510	171512	2	41914	
L	171514	171515	1	41917	
L	171517	171517	0	51010	
L	171517	171517	3	41910	resembles closely 400, minor graphitic bands
L	171517	171519	2	41010	- minor clots of spyl
L	171519	171611	92	51013	
L	171611	171611	8	41217	
L	171613	171614	1	41217	-4217
L	171614	171615	1	41217	
L	171616	171617	1	51812	po only
L	171617	171618	1	51817	po only
L	171618	171625	7	51812	po only
L	171625	171640	15	51812	po only - SA * representative
L	171640	171647	7	41217	
L	171647	171910	33	31010	po only
L	171910	171912	2	31810	po only
L	171912	171913	1	41216	-4267
L	171913	171919	6	41217	
L	171919	18022	3	31017	-3027
L	18022	18114	92	31810	
L	18114	18121	7	41217	
L	18121	18122	1	21510	
L	18122	18124	2	41210	
L	18124	18132	8	31810	po only
L	18132	18133	1	41210	
L	18133	18136	3	31010	bt END OF HOLE

## Structural Log

Core Code	From		To		Feature	SYE	S <sub>1</sub>		S <sub>2</sub>		Description	
	Dip	Direct.	Dip	Direct.			Dip	Direct.	Dip	Direct.		
1	10	14	16	20	22	24	26	28	32	34	38	
S					132							OIB
S					140	CIS12			72	1815		
S					1210	7 CIS12			84	11815		
S					1216	2 CIS12			48	11815		F <sub>4</sub> folding
S					134	1 CIS12			75	11815		F <sub>4</sub> structures
S					1412	3 CIS12			69	11815		
S					1419	6 CIS12			65	11815		
S					151	7 CIS12			58	11815		Fault gouge zones
S					161	8 IF2 5			75	11815		S sym 13.2 - 61.8
S					1614	9 IF2 3						Z sym 61.8 - 64.9
S					1517	9 CIS12			63	11815		
S					171	40 CIS12			58	11815		
S					1718	9 IF2 5						S sym 64.9 - 78.9
S					1810	7 CIS12			71	11815		
S					1813	5 IF2 3						Z sym 78.9 - 83.5
S					1816	6 CIS12			62	11815		
S					191	27 CIS12			65	11815		
S					1918	1 CIS12			71	11815		
S					11014	2 CIS12			510	11815		
S					11016	4 IF2 5						S sym 83.5 - 106.4
S					11017	3 IF2 3						Z sym 106.4 - 107.3
S					11019	7 CIS12			517	11815		
S					11114	6 CIS12			710	11815		
S					11118	6 IF2 5						S sym 107.3 - 118.6
S					11210	7 CIS12			718	11815		
S					11216	0 IF2 3						Z sym 118.6 - 126.0
S					11217	0 CIS12			810	11815		F <sub>4</sub> kink structures
S					11218	5 IF2 5						S sym 126.0 - 128.5
S					11314	7 CIS12			511	11815		F <sub>4</sub> kink structures
S					11410	1 IF2 3			711	11815		Z sym 128.5 - 140.1
S					11416	9 CIS12			510	11815		F <sub>4</sub> kink structures
S					1153	0 CIS12			519	11815		
S					11610	3 CIS12			811	11815		
S					11610	7 IF2 5						S sym 140.1 - 160.7
S					11615	2 IF2 3						Z sym 160.7 - 165.2
S					11617	4 CIS12			65	11815		

## Structural Log

Code	From	To	Feature	E S	S <sub>1</sub>		S <sub>2</sub>		Description	
					Dip	Direct.	Dip	Direct.		
1	10	16	20	22	24	26	28	32	34	38
S	1111	11619	4	IF12	Σ					S sym 165.2 - 169.4
S	1111	11714	2	C1S12				73	11815	
S	1111	11810	9	C1S12				71	11815	
S	1111	11816	2	IF12	Σ			710	11815	Z sym 169.4 - 186.2
S	1111	11912	3	C1S12				81	11815	
S	1111	11918	5	C1S12				710	11815	
S	1111	11919	6	IF12	Σ					S sym 186.2 - 199.6
S	1111	121010	8	IF12	Z					Z sym 199.6 - 200.8
S	1111	121014	5	IF12	S			610	11815	gouge zone 200.8 - 204.5
S	1111	121019	2	C1S12				616	11815	
S	1111	121117	9	C1S12				814	11815	F <sub>5</sub> folds 213.1 - 224.7
S	1111	121214	3	C1S12				49	11815	
S	1111	12216	2	IF12	Σ					S sym 204.5 - 226.2
S	1111	12217	4	IF12	Z					Z sym 226.2 - 227.4
S	1111	12310	4	C1S12				517	11815	
S	1111	12315	1	C1S12				618	11815	
S	1111	12410	8	C1S12				617	11815	
S	1111	12413	8	IF12	Σ					S sym 227.4 - 243.8
S	1111	12417	7	IF12	Z			710	11815	Z sym 243.8 - 247.1
S	1111	12514	5	C1S12				610	11815	
S	1111	12616	4	C1S12				611	11815	
S	1111	12617	6	C1S12				714	11815	
S	1111	12712	3	IF12	Σ			718	11815	S sym 247.1 - 272.3
S	1111	12714	3	IF12	Z					Z sym 272.3 - 274.3
S	1111	12719	2	C1S12				615	11815	
S	1111	12815	3	C1S12				618	11815	
S	1111	12818	6	IF12	Σ					S sym 274.3 - 288.6
S	1111	12911	0	IF12	Z			718	11815	Z sym 288.6 - 291.0
S	1111	12917	5	C1S12				515	11815	
S	1111	131012	6	IF12	Σ					S sym 291.0 - 302.6
S	1111	131013	6	C1S12				712	11815	
S	1111	131015	9	IF12	Z					Z sym 302.6 - 305.9
S	1111	131018	0	C1S12				715	11815	
S	1111	13110	0	IF12	Σ					S sym 305.9 - 310.0
S	1111	13112	9	IF12	Z			617	11815	Z sym 310.0 - 312.9
S	1111	13118	8	C1S12				717	11815	

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	111		1312106	F12E					S sym 312.9 - 320.6
S	111		1312149	F12			810	11815	
S	111		1312179	F123					Z sym 320.6 - 327.9
S	111		1313110	F12			615	11815	
S	111		1313125	F12E					S sym 327.9 - 332.5
S	111		1313171	F12			810	11815	
S	111		1314108	F123					Z sym 332.5 - 340.8
S	111		1314124	F12E			715	11815	S sym 340.8 - 342.4
S	111		1314177	F123			713	11815	Z sym 342.4 - 347.7
S	111		1315140	F12E			714	11815	S sym 347.7 - 354.0
S	111		1315159	F123					Z sym 354.0 - 355.9
S	111		1315180	F12E					S sym 355.9 - 358.0
S	111		1316115	F12			415	11815	
S	111		1316175	F123			815	11815	Z sym 358.0 - 367.5
S	111		1317108	F12E					S sym 367.5 - 370.8
S	111		1317130	F12			810	11815	
S	111		1317197	F12			810	11815	
S	111		1318126	F123					Z sym 370.8 - 382.6
S	111		1318158	F12E			719	11815	S sym 382.6 - 385.8
S	111		1319108	F123			814	11815	Z sym 385.8 - 390.8
S	111		1319139	F12E					S sym 390.8 - 393.9
S	111		1319150	F123			710	11815	Z sym 393.9 - 395.0
S	111		1319189	F12E					S sym 395.0 - 398.9
S	111		1319199	F123					Z sym 398.9 - 399.9
S	111		1410109	F12			713	11815	
S	111		1410157	F12			811	11815	
S	111		1411118	F12			810	11815	
S	111		1411126	F12E					S sym 399.9 - 412.6
S	111		1411140	F123					Z sym 412.6 - 414.0
S	111		1411152	F12			615	11815	
S	111		1411188	F12E					S sym 414.0 - 418.8
S	111		1412114	F12			713	11815	
S	111		1412167	F12			710	11815	Z sym 418.8 - 427.8
S	111		1412178	F12E					
S	111		1412128	F12			716	11815	
S	111		1413189	F12			714	11815	

Structural Log

Code	From		To		Feature	SYM	S <sub>1</sub>		S <sub>2</sub>		Description
	10	16	20	22			26	28	32	34	
S	1414	150	C1512				716	11815			
S	1415	11	C1512				618	11815			
S	1415	13	C1512				719	11815			
S	1416	12	C1512				716	11815			
S	1416	13	C1512				516	11815			gauge zone
S	1417	12	1F12	Z			715	11815			S sym 427.8 - 423.2
S	1417	19	C1512				413	11815			gauge zone
S	1418	11	1F12	Z			516	11815			Z sym 473.2 - 471.6
S	1418	17	C1512				518	11815			
S	1419	13	C1512				717	11815			
S	1510	10	C1512				612	11815			
S	1510	15	C1512				811	11815			
S	1511	10	C1512				615	11815			
S	1511	14	C1512				515	11815			
S	1512	10	C1512				611	11815			
S	1512	16	C1512				612	11815			
S	1513	12	C1512				611	11815			
S	1513	17	C1512				611	11815			
S	1514	12	C1512				517	11815			
S	1514	17	C1512				715	11815			
S	1515	13	C1512				512	11815			
S	1515	14	1F12	Z							S sym 481.6 - 554.7
S	1515	17	1F12	Z			612	11815			Z sym 554.7 - 557.7
S	1516	10	1F12	Z							S sym 557.7 - 560.9
S	1516	11	1F12	Z							Z sym 560.9 - 561.9
S	1516	12	C1512				810	11815			
S	1516	18	C1512				416	11815			
S	1517	13	C1512				617	11815			
S	1517	19	C1512				415	11815			
S	1518	14	1F12	Z			713	11815			S sym 561.9 - 584.2
S	1518	19	C1512				610	11815			Z sym 584.2 - 591.6
S	1519	11	1F12	Z							
S	1519	15	C1512				710	11815			
S	1519	19	C1512				716	11815			
S	1519	19	1F12	Z							S sym 591.6 - 599.6
S	1610	16	1F12	Z			710	11815			Z sym 599.6 - 606.7

## 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	
S	111		16112	2	IF2	Z	715	11815	S sym 606.7 - 612.2
S	111		16115	0	IF2	3			Z sym 612.2 - 615.0
S	111		16117	2	CS12		615	11815	
S	111		16121	3	CS12		715	11815	
S	111		161214	9	IF2	Z			S sym 615.0 - 624.9
S	111		161217	5	IF2	Z			Z sym 624.9 - 627.5
S	111		161218	9	IF2	E	815	11815	S sym 627.5 - 629.9
S	111		161310	4	IF2	3			Z sym 628.9 - 630.4
S	111		161312	5	IF2	E	715	11815	S sym 630.4 - 632.5
S	111		161317	9	IF2	3	713	11815	Z sym 632.5 - 637.9
S	111		161414	3	CS12		811	11815	
S	111		161510	7	CS12		515	11815	
S	111		161516	2	CS12		612	11815	
S	111		161612	3	CS12		719	11815	
S	111		161618	4	CS12		613	11815	
S	111		161714	5	CS12		517	11815	
S	111		161719	5	IF2	E	715	11815	S sym 637.9 - 679.5
S	111		161813	9	CS12		614	11815	
S	111		161819	3	IF2	3	712	11815	Z sym 679.5 - 689.5
S	111		161913	7	CS12		715	11815	
S	111		161918	4	IF2	E			S sym 689.5 - 698.4
S	111		161919	8	CS12		616	11815	
S	111		171010	8	IF2	3			Z sym 698.4 - 700.8
S	111		171017	4	CS12		613	11815	
S	111		171113	5	CS12		718	11815	
S	111		171119	9	CS12		716	11815	
S	111		171215	2	CS12		617	11815	
S	111		171219	9	IF2	E			S sym 700.8 - 729.9
S	111		171313	0	CS12		718	11815	
S	111		171315	1	IF2	3			Z sym 729.9 - 735.1
S	111		171316	3	IF2	E			S sym 735.1 - 736.8
S	111		171318	6	IF2	3	716	11815	Z sym 736.8 - 738.0
S	111		171415	1	CS12		810	11815	
S	111		171417	6	IF2	Z			S sym 738.0 - 747.6
S	111		171419	3	IF2	3	811	11815	Z sym 747.6 - 749.3
S	111		171513	4	IF2	E			S sym 749.3 - 753.4



## Geochemical Log (Sampler's Copy)

Sample No.	From		To		Sample No.	Description
	10	14	16	22		
P 128157	151012	5	151013	6	2.1	4L75 0.9 m
P 128158	151013	6	151015	5	2.1	4L75 5.8 m
P 128159	151015	5	151017	0	1.5	4L37 1.35 m
P 128160	151017	0	151018	2	1.2	4L37 1.3 m
P 128161	151018	2	151019	5	1.3	4D0 1.3 m
P 128162	151019	5	151106	6	1.1	4C8 + 4D7 1.1 m
P 128163	151106	6	151111	5	0.9	4L37.4
P 128164	151111	5	151113	7	1.6	4C8 1.6 m
P 128165	151113	7	151115	5	2.1	4C0 2.0 m
P 128166	151115	2	151116	8	1.4	4C7 1.4 m
P 128167	151116	6	151117	9	1.3	4C7 1.1 m
P 128168	151117	9	151118	2	0.3	5D6 0.3 m
P 128169	151118	2	151119	9	0.9	4C700 0.9 m
P 128170	151119	9	151121	4	1.0	5D6 0.9 m
P 128171	151121	4	151211	4	1.5	4D8 1.5 m
P 128172	151211	4	151212	5	1.1	4D8 1.1 m
P 128173	151212	5	151214	5	2.0	4C8 2.0 m
P 128174	151214	5	151216	5	2.0	4C8 2.0 m
P 128175	151216	5	151218	5	2.0	4C8 2.0 m
P 128176	151218	5	151219	2	0.8	4L0 0.5 m
P 128177	151219	2	151219	3	2.0	4C8 2.0 m
P 128178	151219	3	151219	2	2.0	4C8 1.8 m
P 128179	151219	3	151215	3	2.0	4C8 1.9 m
P 128180	151215	3	151216	8	1.5	4C8 1.5 m
P 128181	151216	8	151217	4	0.6	4D0 0.6 m
P 128182	151217	4	151218	3	1.2	4C0 1.2 m
P 128183	151218	3	151219	2	1.3	4C0 1.3 m
P 128184	151219	2	151219	3	1.6	4C0 1.6 m
P 128185	151219	3	151413	5	2.0	4C0 1.5 m
P 128186	151413	5	151414	4	0.9	4K17 0.6 m
P 128187	151414	4	151415	6	1.2	4C7 + 4C8 1.2 m
P 128188	151415	6	151417	2	1.6	4K0 1.6 m
P 128189	151417	2	151419	3	2.0	4G0 2.0 m
P 128190	151419	3	151510	4	1.2	4C0 1.2 m
P 128191	151510	4	151511	3	0.9	4C8 + 4G8 0.9 m
P 128192	151511	3	151512	0	0.7	4D8 0.7 m

Core	From			To			Sample No.	Description	RECOVERY	
	10	15	16	20	25	27				
P	151120		151140				121912	2.0	4L74	2.0
P	151140		151155				121914	1.5	4L7 + 4L278	1.5
P	151180		151600				121915	2.0	4L7	1.9
P	151100		151120				121916	2.0	4L7	2.0
P	151120		151640				121917	2.0	4L7	2.0
P	151140		151616				121918	2.0	4L7	2.0
P	151160		151616				121919	0.7	4L7	.7
P	151167		151617				121910	0.4	4H0	.4
P	151171		151618				121921	1.0	4L7 + 4L17	1.0
P	151181		151619				121922	0.9	4D8	.9
P	151180		151619				121923	0.5	4L127	.5
P	151195		151720				121924	2.5	4C48	2.5
P	151120		151713				121925	1.2	4A4 + 4A0	1.2
P	151122		151714				121926	1.0	4A1 + 4E0	1.0
P	151142		151716				121927	2.0	4A0 + 4C7	2.0
P	151162		151717				121928	1.5	4C7	1.5
P	151177		151719				121929	2.0	SA79 + SA1	2.0
P	151187		151811				121930	2.2	4L7	2.1
P	151166		151819				121931	1.7	4A0	1.7
P	151183		151819				121932	0.4	4L27	.4
P	151187		151819				121933	0.4	4A0	.4
P	151101		151712				121934	2.3	4C7	2.3
P	151124		151712				121935	0.5	4A0	.5
P	151129		151713				121936	1.9	4L67	1.0
P	151138		151915				121937	2.0	4L7 + 4L67	1.9
P	151158		151917				121938	1.4	4L67	1.3
P	151172		151717				121939	0.3	4C0	.3
P	151175		151717				121940	2.5	4C0	2.5
P	151182		151717				121941	1.2	4C0	1.2
P	151182		151717				121942	1.0	4C0	1.0
P	151187		151717				121943	2.2	4L7	2.1
P	151187		151717				121944	2.0	4L7	2.0
P	151187		151717				121945	0.7	4C7	0.7
P	151187		151717				121946	1.8	4L7	1.8

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2Cyprus Anvil Mining Corp.  
Geochemical Log (Sampler's Copy)

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Logged By: BYH

Sampled By: MCN/ALL

Cod#	From		To	Sample No.		Description		
	10	14	16	20	27	LENGTH	UNIT	RECOVERY
P	1610	180	1611	15	1516	2.2	4C7	2.1
P	1611	102	1611	11	1197	0.6	4A0	1.6
P	1611	162	1611	13	1388	1.6	4C78	1.5
P	1611	178	1611	18	1859	1.0	4C78	1.0
P	1611	188	1611	18	1890	1.7	4L65	1.7
P	1612	105	1612	10	1091	1.5	4E87	1.5
P	1612	120	1612	13	1292	1.3	4E87	1.0
P	1612	123	1612	14	1493	1.3	4C8	1.3
P	1617	152	1617	15	1594	1.1	4A4	1.1
P	1617	163	1617	17	1795	1.4	4C0	1.2
P	1617	177	1617	17	1796	1.4	4C0	1.4
P	1617	191	1617	19	1997	1.4	4A4	1.3
P	1618	105	1618	10	1098	1.0	4A4	1.0
P	1618	110	1618	10	1099	2.0	4A0	2.0
P	1618	135	1618	13	13000	2.0	4A0	2.0
P	1618	155	1618	15	107101	2.0	4A0	2.0
P	1618	175	1618	17	107102	1.6	4A0	1.6
P	1618	191	1618	19	107103	6.3	5D6	1.3
P	1618	194	1618	19	107104	1.6	4A0	1.5
P	1619	110	1619	12	107105	1.9	4A0	1.9
P	1619	129	1619	15	107106	2.2	4L17	2.2
P	1619	151	1619	15	107107	1.5	4A0	1.5
P	1715	100	1715	11	106168	1.4	4A4	1.4
P	1715	114	1715	12	106169	1.0	4A4	1.0
P	1715	124	1715	14	106170	2.0	4A7	2.0
P	1715	144	1715	15	106171	1.3	4A7	1.2
P	1715	157	1715	16	106172	1.0	5D0	1.0
P	1715	167	1715	17	106173	0.6	4A0	0.6
P	1715	173	1715	19	106174	2.1	4C0	2.1
P	1716	110	1716	11	106175	0.8	4L7	1.4

DD-79-X-98

Serial Logged 4172-11

Geochemical Log (Sampler's Copy)

Sampled By: \_\_\_\_\_

From	To	Sample No.	Description
			RECOVERY
151012	151013	128157	2.1 4L75 0.9 10.9
151013	151015	128158	2.1 4L75 3.8 m 1.9
151015	151017	128159	1.5 4L37 1.35 m 1.3
151017	151018	128160	1.2 4L37 1.2 m 1.2
151018	151019	128161	1.3 4D0 1.3 m
151019	151106	128162	1.1 4C9 + 4D7 1.1 m
151110	151115	128163	0.9 4L37 + 4 0 m 6.9
151115	151137	128164	1.6 4C8 1.6 m 1.6
151137	151152	128165	2.1 4C0 2.0 m
151152	151166	128166	1.4 4C7 1.4 m
151166	151179	128167	1.3 4C7 1.1 m
151179	151182	128168	0.3 5D6 0.3 m
151182	151189	128169	0.9 4C700 0.9 m
151189	151199	128170	1.0 5D6 0.9 m
151199	151214	128171	1.5 4D9 1.5 m
151214	151225	128172	1.1 4D8 1.1 m
151225	151245	128173	2.0 4C8 2.0 m
151245	151245	128174	2.0 4C8 2.0 m
151245	151245	128175	2.0 4C8 2.0 m
151245	151273	128176	0.3 4C0 0.3 m
151273	151311	128177	2.0 4C0 2.0 m
151311	151312	128178	2.0 4C0 1.8 m
151312	151315	128179	2.0 4C8 1.9 m
151315	151318	128180	1.5 4C0 1.5 m
151318	151324	128181	0.6 4C0 0.6 m
151324	151324	128182	1.2 4C0 1.2 m
151324	151319	128183	1.3 4C0 1.3 m
151319	151411	128184	1.6 4C0 1.6 m
151411	151413	128185	2.0 4C0 1.5 m
151413	151414	128186	0.9 4K17 0.6 m
151414	151456	128187	1.2 4C2 + 4C8 1.2 m
151456	151412	128188	1.6 4K0 1.6 m
151412	151412	128189	2.0 4C0 2.0 m
151412	151510	128190	1.2 4C0 1.2 m
151510	151511	128191	0.9 4C8 + 4C8 0.9 m
151511	151511	128192	0.7 4D8 0.7 m

DDH 74-Y-08

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

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Logged By: RYH

Sampled By: MCN/ALI

From	To	Sample No.	Description	REC'D
				REC'D
1515120	1515140	1/2 1219919 2.0	4L74	2.0
1515140	1515155	1/2 1219911 1.5	4L7 + 4L278	1.5
1515180	1516100	1/2 1219915 2.0	4L7	1.9
1516100	1516120	1/2 1219916 2.0	4L7	2.0
1516120	1516140	1/2 1219917 2.0	4L7	1.9
1516140	1516160	1/2 1219918 2.0	4L7	2.0
1516160	1516167	1/2 1219919 0.7	4L7	.7
1516167	1516171	1/2 1219100 0.4	4H0	.4
1516171	1516181	1/2 1219511 1.0	4L7 + 4L17	1.0
1516181	1516190	1/2 1219512 0.9	4D8	.9
1516190	1516195	1/2 1219513 0.5	4L127	.5
1516195	1517200	1/2 1219514 2.5	4G48	2.5
1517200	1517232	1/2 1219515 1.2	4H4 + 4D0	1.2
1517232	1517242	1/2 1219516 1.0	4K1 + 4E0	1.0
1517242	1517262	1/2 1219517 2.0	4D0 + 4L7	2.0
1517262	1517272	1/2 1219518 1.5	4C7	1.5
1517272	1517297	1/2 1219519 2.0	5A79 + 5A1	2.0
1517297	1518119	1/2 1219520 2.2	4L7	2.1
1518119	1518123	1/2 1219161 1.7	4A0	1.7
1518123	1518127	1/2 1219162 0.4	4L27	.4
1518127	1518131	1/2 1219163 0.4	4A0	.4
1518131	1518134	1/2 1219164 2.3	4C7	2.3
1518134	1518138	1/2 1219165 0.5	4A0	.5
1518138	1518139	1/2 1219166 1.9	4L67	1.0
1518139	1518159	1/2 1219167 2.0	4L7 + 4L67	1.5
1518159	1518172	1/2 1219168 1.4	4L67	1.3
1518172	1518175	1/2 1219169 0.2	4C0	.2
1518175	1518180	1/2 1219179 2.0	4K0	.5
1518180	1518181	1/2 1219180 1.2	4C0	1.2
1518181	1518181	1/2 1219181 1.0	4E0	1.0
1518181	1610123	3/4 1219182 2.1	4L0	2.1
1610123	1610133	1/2 1219183 3.0	4L0	2.0
1610133	1610137	1/2 1219184 0.9	4C7	0.7

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4L7

DDH 79-2-0-8  
2 8

Cyprus Anvil Mining Corp.

Geochemical Log (Sampler's Copy)

Page \_\_\_\_\_ of \_\_\_\_\_

Logged By: BYH

Sampled By: MCKN/ALL

Case No.	From		To		Sample No.	LENGTH	UNIT	RECOVERY
	10	14	18	22				
P	161018	2	161102	2	✓ 129191	2.2	457	2.1
P	161102	2	161108	8	✓ 129197	0.6	490	.6
	111		111		11111			
P	161116	2	161173	3	✓ 139185	1.6	467A	1.5
P	161117	2	161126	6	✓ 139189	1.0	467B	1.0
P	161118	8	161205	5	✓ 139190	1.7	466S	1.7
P	161210	5	161212	3	✓ 139191	1.5	4687	1.5
P	161212	3	161213	2	✓ 139192	1.3	4687	1.0
P	161213	2	161214	6	✓ 139193	1.3	468	1.3
	111		111		11111			
P	161715	2	161718	3	✓ 139194	1.1	484	1.1
P	161718	3	161719	7	✓ 139195	1.4	460	1.2
P	161717	7	161719	1	✓ 139196	1.4	460	1.4
P	161719	1	161720	5	✓ 139197	1.4	484	1.3
P	161720	5	161721	5	✓ 139198	1.0	484	1.0
P	161721	5	161722	3	✓ 139199	2.0	480	2.0
P	161813	5	161815	5	✓ 139200	2.0	480	2.0
P	161815	5	161817	5	✓ 107101	2.0	480	2.0
P	161817	5	161819	1	✓ 107102	1.6	480	1.6
P	161819	1	161819	4	✓ 107103	0.3	506	.3
P	161819	4	161819	0	✓ 107104	1.6	480	1.5
P	161911	9	161912	9	✓ 107105	1.4	480	1.9
P	161912	9	161915	1	✓ 107106	2.2	4617	2.2
P	161915	1	161916	5	✓ 107107	1.5	480	1.5
	111		111		11111			
P	171510	0	171511	4	✓ 1061618	1.4	484	1.4
P	171511	4	171512	4	✓ 1061619	1.0	484	1.0
P	171512	4	171514	4	✓ 1061710	2.0	487	2.1
P	171514	4	171515	7	✓ 1061711	1.3	487	1.2
P	171515	7	171516	7	✓ 1061712	1.0	500	1.0
P	171516	7	171517	3	✓ 1061713	0.6	480	.6
P	171517	3	171517	3	✓ 1061714	2.1	460	2.1
P	171611	0	171611	8	✓ 1061715	0.8	467	.8
	111		111		11111			
	111		111		11111			

Core	From	To	Sample No.		Description	
P	1510126	1510186	10181016	2.0	4A3	2.0 m
P	1510146	1510168	10181017	2.2	4A3	2.2 m
P	1510168	1510191	10181018	2.3	4A0	2.3 m
P	1510191	1511076	10181019	0.5	4A0	.4 m
P	1511076	1511109	10181110	0.5	4A8	.5 m
P	1511109	1511116	10181111	0.7	4A0	0.7 m
P	1511116	1511136	10181112	2.0	4A0	2.0 m
P	1511136	1511146	10181113	1.0	4A0	1.0 m
P	1511146	1511156	10181114	1.0	4C0	1.0 m
P	1511156	1511176	10181115	2.0	4A0	2.0 m
P	1511176	1511196	10181116	2.0	4A0	2.0 m
P	1511196	1512116	10181117	2.0	4A0	2.0 m
P	1512116	1512122	10181118	0.6	4A0	.5 m
P	1512122	1512136	10181119	1.4	4C0	1.3
P	1512136	1512150	10181210	1.4	4A0	1.4
P	1512150	1512156	10181211	0.6	4C0	.6
P	1512156	1512164	10181212	0.8	4A0	.8
P	1512164	1512176	10181213	1.2	4E0	1.1
P	1512176	1512188	10181214	1.2	4A0	1.1
P	1512188	1513100	10181215	1.2	4A1	1.2
P	1513100	1513112	10181216	1.2	4A1	1.1
P	1513112	1513125	10181217	1.3	4C0	1.3
P	1513125	1513141	10181218	1.6	4A0	1.6
P	1513141	1513159	10181219	1.8	4L627895	1.5
P	1513159	1513162	1018130	0.3	4A4	.3
	111	111	11111			
P	1518102	1518122	11181311	2.0	4A4	1.1
P	1518122	1518142	11181312	2.0	4A4	2.0
P	1518142	1518162	11181313	2.0	4A4	1.2
P	1518162	1518176	11181314	1.4	4A4	1.4
	111	111	11181315		no sample # R35	
P	1519128	1519150	11181316	2.2	4A0	2.2
P	1519150	1519172	11181317	2.2	4L69	2.1
P	1519172	1519179	11181318	0.7	4A0	.5
P	1519179	1519181	11181319	0.2	5D3	.2
P	1519181	1519187	1118140	2.0	1.00	2.2

Geochemical Log (Sampler's Copy)

Depth (m)	Interval		Sample No.	Description		
	From	To				
10	14	16	20	22	27	
P	1610103	1610125	1118141	2.2	4A0	2.2
P	1610125	1610145	1118142	2.0	4L7	2.0
P	1610145	1610160	1118143	1.5	4L7	1.5
P	1610160	1610177	1118144	1.7	4L4	1.7
P	1610177	1610191	1118145	1.4	4A0	1.4
P	1610191	1610199	1118146	0.8	5D3	0.8
P	1610199	1611113	1118147	1.4	4L47	1.0
P	1611113	1611126	1118148	1.3	4D1	1.2
P	1611126	1611146	1118149	2.0	4L14	1.9
P	1611146	1611166	1118150	2.0	4L14	2.0
P	1611166	1611183	1117108	1.7	4L14	<del>1.5</del> 1.5
P	1611183	1612103	1117109	2.0	4D14	1.0
P	1612103	1612120	1117110	1.7	4D14	1.5
P	1612120	1612127	1117111	0.7	4D14	0.7
P	1612127	1612131	1117112	0.4	5D3	0.5
P	1612131	1612141	1117113	1.0	4L14	0.9
P	1612141	1612151	1117114	1.5	5D3	1.5
P	1612151	1612172	1117115	1.6	4L6	1.5
P	1612172	1612178	1117116	0.6	4L4	0.6
P	1612178	1612197	1117117	1.9	5D3 + 5A1	1.9
P	1612197	1613103	1117118	0.5	4L147	0.5
P	1613103	1613120	1117119	1.8	4A7	1.4
P	1613120	1613140	1117120	2.0	4A0	2.0
P	1613140	1613160	1117121	2.0	4A0	1.7
P	1613160	1613168	1117122	0.8	4A0	0.8
P	1613168	1613188	1117123	2.0	7A4	2.0
P	1613188	1614101	1117124	1.3	4A4	1.3
P	1614101	1614109	1117125	0.8	4D0	0.7
P	1614109	1614129	1117126	2.0	4D1	2.0
P	1614129	1614149	1117127	2.0	4D1	2.0
P	1614149	1614169	1117128	2.0	4D1	2.0
P	1614169	1614189	1117129	1.5	4D1	1.5
P	1614189	1614197	1117130	0.8	4C0	0.8
P	1614197	165110	1117131	1.8	4D0	1.9
P	165110	165130	1117132	2.0	4C0	2.0



79-X-09

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 79-X-09

Fabric Orientation Diagram:

Project: DY

Location: VANGUARD PLATEAU

Claim: DY-43

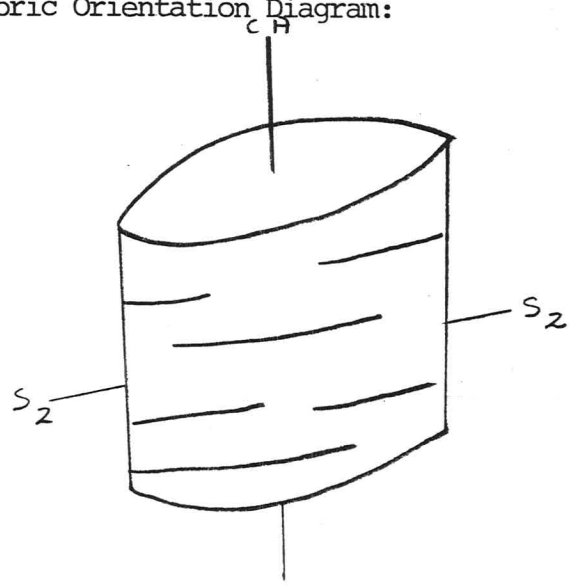
Terr. Plane Co-ords.: 6901135.14 N

597423.57 E

Grid Co-ords.: L 16+50E

75S

Elevation: 1105.28



All symmetry determinations looking NW with S2 dipping SW with dip azimuth 185.

Total Depth: 795.4

Purpose: FILL IN SECTION 16+50E

Logged by: BVH/LCP

Date(s) Logged: June 1, - July 27, 1979

Drilling Contractor: ARCTIC

Core:	Size	From	To	Collar Cased and Capped:
<u>NØ</u>	<u>27.7</u>	<u>795.4</u>		<u>No</u>

Started: June 30, 1979 Completed: July 27, 1979





Lithologic Log

Code	From	To	Unit	Code	Description
	10 14 16 20 22 23 25 27				
L	100	1277	011	#1	OVERBURDEN
L	1277	1544	012	51B10	Variably laminated light gray phyllite Euhedral to subhedral pyrite - often with white pressure shadows (qtz + carbonate) Minor qtz-carbonate veining - only locally have green chlorite with veins
L	1544	1612	013	51B16	Abundant qtz-carbonate-chlorite veining. Phyllite variably laminated - tends to be more massive (PS2) Euhedral pyrite; Fe-Mg carbonate !! fizzes in 10% HCl when powdered
L	1612	1659	014	51B10	Poorly laminated - PS2. Qtz-carbonate-chlorite veins. Py
L	1659	1715	015	51B16	Generally poorly laminated - PS2. Subhedral to euhedral pyrite. No qtz veins; does not fizz in 10% HCl when powdered
L	1715	1716	016	51B10	Py. Minor qtz veins Poorly laminated
L	1716	110127	017	51B16	Variably laminated Subhedral pyrite with white pressure shadows Qtz-carbonate-chlorite veins scattered through interval Core broken with some gouge 77.7 - 84.1 and 89.8 - 89.9; does not fizz in 10% HCl when powdered
L	110127	112141	018	51B10	Variably laminated. Euhedral to subhedral pyrite - with white pressure shadows locally qtz-carbonate-chlorite veins
L	112141	112149	019	51B10	GOUGE F. Py, no Po lower contact $\approx 35^\circ$ to ca. 11S <sub>2</sub> d
L	112149	114176	110	51B10	Py > Po
L	114176	114196	111	51B10	1000. Py only
L	114196	115150	112	51B10	Mainly Py
L	115150	115152	113	51B10	GOUGE - foliated part S <sub>2</sub>
L	115152	119170	114	51B10	Py > Po * first appearance of Po - but mostly small through
L	119170	120103	115	51B10	Py only
L	120103	120136	116	51B16	
L	120136	120163	117	51B16	+ 000 } Py & Po Absent
L	120163	121164	118	51B16	
L	121164	121176	119	51B16	+ 000
L	121176	122141	210	51B16	* } Py only
L	122141	122143	211	51B16	GOUGE
L	122143	122158	222	51B16	Absence of Py & Po

Lithologic Log

Code	From	To	Unit	Code	Description
	10 14 16 20 22 23 25 27				
L	121258	121262	213	5B6	Gouge. Absence of Py & Po.
L	121262	12297	24	5B6	} Py > Po
L	12297	12365	25	5B0	
L	12363	12412	26	5B6	} Absence of Py & Pyrr
L	12412	12430	27	5B6	
L	12430	12491	27	5B6	
L	12491	12670	29	0F2	qtz Feldspar bi-blende porphyry 249.1 55° Contact
L	12670	12793	30	5B0	Py. Only. To Core Axis. along 015 axis. i.e. the contact opposite to S10
L	12793	12834	31	5B0	→ 5B6 slight reaction w/ 5% HCl → 5B6 dolomitic 10% Po mantling Py; Py > Po
L	12834	12837	32	5B6	*BRECCIA
L	12837	13116	33	5B6	No reaction w/ 10% even when powdered Py > Po
L	13116	13118	34	5B6	→ 5B62 unit non-calc w/ 10% HCl, markedly carbonaceous
L	13118	13203	35	5B2	→ 5B23 292-298 Absence of Py-Po unit marked calc w/ 10% HCl; no reaction w/ 5% calcitic i.e. 5B02/5B
L	13203	13222	36	5B6	298-304 Py only
L	13222	13231	37	5B7	304-317.6 Absence of Py-Po
L	13231	13286	38	5D6	Non-calc. 317.6-320 Po = Py
L	13286	13329	39	5D3	Po ≅ Py
L	13329	13406	40	5B7	→ 5B73 No Py, No Po
L	13406	13454	41	5B7	→ 5B76 dolomitic, no react. w/ 5% Py > Po - Py mantling Po fizzes w/ 10% Py > Po
L	13454	13496	42	5B6	non calc w/ 10% HCl Py > Po
L	13496	13504	43	5B2	→ 5B26 no reaction w/ 10% HCl Py > Po
L	13504	13553	44	5B6	dolomitic weak reaction w/ 10% HCl NO PY, NO PO
L	13553	13559	45	5B2	→ 5B26 no reaction w/ 10% HCl NO PY, NO PO
L	13559	13567	46	5B2	→ 5B23 calcitic; wk react. w/ 5% NO PY, NO PO.
L	13567	14113	47	5B0	normal calc. SB Po ≅ Py
L	14113	14202	48	5B7	→ 5B73 Py > Po
L	14202	14564	49	5B0	py mantling po, Py ≅ Po
L	14564	14567	50	5B7	→ 5B73 Py only
L	14567	14595	51	5B0	Py ≅ Po
L	14595	14631	52	5B6	dolomitic (reacts w/ 10% HCl) Py > Po
L	14631	14784	53	5B0	normal calc. (5%) Van. Fm. Po ≅ Py
L	14784	14786	54	5B7	→ 5B73 Po only
L	14786	14942	55	5B0	Po mantling py Po ≅ Py
L	14942	15013	56	5B7	→ 5B73 po mantling py Po > Py
L	15013	15026	57	5B0	Non-dolomitic (no reaction w/ 10%) Po only.

Code	From	To	Unit	Code	Description
1	10 14 16	20 22 23	25 27		
L	5026	5068	58	4L3	
L	5068	5091	59	4K0	dolomitic calc buff carbonate patches in ver- nably dolomitic pyritic quartzites - <u>not</u> mass. pyritic sulfides; base metal deficient; 0.1 M interval of 4K8 509.0-509.1
L	5091	5104	60	4K0	calcrete, pyritic quartzites as above unit but non-dol
L	5104	5109	61	4K8	more massive, dolomitic, magnetite-bearing pyritic quartzites
L	5109	5111	62	4K0	calcrete, pyritic quartzites as unit 60
L	5111	5113	63	4K0	→ 4K8 dolomitic c.f. unit 59
L	5113	5114	64	4K0	→ 4K8 calcrete pyritic quartzites as units 60, 62
L	5114	5115	65	4C0	→ 4C8, non-calc, non-dolomitic
L	5115	5122	66	4A0	→ 4A1, very poor base-metal content
L	5122	5123	67	4C0	minor 4A1 interlands; base metal deficient
L	5123	5125	68	4A0	not strongly graphitic; no " " sulfides
L	5125	5125	69	4C0	as unit 67
L	5125	5126	70	4K0	ferroan dolomite in calc buff patches; fizzes in 10% HCl only when powdered
L	5126	5127	71	4E0	no base-metal sulfides
L	5127	5128	72	4K0	ferroan dolomite in calc off-white → buff patches as #70
L	5128	5131	73	4A1	with waxy rusty brown ankerite laminae    to S <sub>2</sub> - could easily be mistaken for Fe-poor ZnS but fizzes readily when powdered in 10% HCl
→ L	5131	5132	74	4C0	
L	5132	5134	75	4A0	w/ ankerite (?) laminae as unit 73
L	5134	5135	76	4L6	→ 4L6 27895; truly outside of code; best bet in chlor phyll w/ diss to nearly massive strat- iform py. w/ po-mag-cp & dol. carbonate
L	5135	5136	77	4A4	
L	5136	5136	78	5B6	dolomitic, fizzes in 10% HCl without being powdered
L	5136	5139	79	5B0	Po only
L	5139	5140	80	5D3	"
L	5140	5141	81	5B0	"
L	5141	5142	82	5D3	"
L	5142	5171	83	5B5	→ 5B0; interlayered 5B0 & phyll. marbles of Vingarda Fm. Po >> Py

Lithologic Log

Code	From	To	Unit	Code	Description
1	10 14 16	20 22 23	25 27		
L	15716	15721	84	5D3	no py, no po
L	15721	15767	85	5B1E	→ 5B0 as unit 83, very limy no po, py
L	15767	15772	86	5B1G	dolomitic "
L	15772	15778	87	5B1E	ferrian dolomite = carbonate, fizzes only when powdered in 10% HCl. no py, po
L	15778	15802	88	5B1E	as unit 87 fault gouge; upper contact = 65°/R lower contact irreg & approx horiz.
L	15802	15876	89	4A4	→ 4A0 po only
L	15876	15928	90	5A0	po only
L	15928	15950	91	4A0	
L	15950	15972	92	4L6	→ 4L6 / 4C7
L	15972	15979	93	4A0	
L	15979	15981	94	5D3	
L	15981	16025	95	4A0	
L	16025	16060	96	4L7	
L	16060	16077	97	4L1	- 4L14
L	16077	16109	98	4A0	
L	16109	161099	99	5D3	
L	161099	161113	00	4L4	- 4L47
L	161113	161126	01	4D1	very siliceous, closely resembles 4B4 or 4L14, resembles a banded chert.
L	161126	161138	02	4L1	- 4L14 minor sericite bands present. (major difference from 4D1).
L	161138	161183	03	4L1	- 4L14 zone of broken core, minor gouge
L	161183	161227	04	4D1	- 4D14 resembles #101, grade better
L	161227	161231	05	5D3	
L	161231	161241	06	4L1	- 4L14
L	161241	161256	07	5D3	
L	161256	161272	08	4L6	- minor po.
L	161272	161278	09	4L4	- less chl more po than #108
L	161278	161290	10	5D3	appears to be an intimate association between the 4L & 5D3.
L	161290	161297	11	5A1	
L	161297	161302	12	4L1	- 4L147
L	161302	161320	13	4A7	minor po, ~ 3-4% sph, no visible galena

Code	From	To	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
L	1613120	1613168	114	41A10	py dominant sulphide
L	1613168	1614101	115	41A14	
L	1614101	1614109	116	41D10	
L	1614109	1614184	117	41D11	- very siliceous variant of 4D, ~ 70% gtz, could go under the name 4B4
L	1614184	1614192	118	41C10	
L	1614192	1614196	119	51D13	
L	1614196	1615110	210	41D10	
L	1615110	1615130	211	41C10	
L	1615130	1615135	212	41D10	
L	1615135	1615143	213	41A14	
L	1615143	1615161	214	41A10	
L	1615161	1615173	215	51B12	-SB21 po only
L	1615173	1615183	216	41A14	
L	1615183	1616110	217	51B16	po only
L	1616110	1616162	218	51D13	po only
L	1616162	1617111	219	51B17	po only
L	1617111	1618119	310	51B16	po only
L	1618119	1618128	311	51B17	po only
L	1618128	171127	312	51B16	po only
L	171127	171168	313	51B16	zone of gouge and broken core.
L	171168	1712122	314	51B16	po only
L	1712122	1712132	315	51B10	po only
L	1712132	1712150	316	51B12	po only
L	1712150	1712165	317	51A13	- brecciated could pass as SA#, po only
L	1712165	1712171	318	31G19	po only
L	1712171	1712190	319	31G10	po only
L	1712190	1713125	410	31B13	minor bt bands, po only
L	1713125	1713130	411	31G10	po only
L	1713130	1713144	412	31B13	po only
L	1713144	1716167	413	31G10	minor bt bands
L	1716167	1716184	414	31G13	po only
L	1716184	1717165	415	31G10	po only
L	1717165	1718176	416	31G13	
L	1718176	1718191	417	31B10	brecciated gtz clasts



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				276										O/B no core.
S				276	C/S	2				86	185			
S				335	C/S	2				82	185			
S				387	C/S	2				74	185			
S				414	F2	Z								S sym 27.6 - 41.4
S				448	C/S	2				74	185			
S				509	C/S	2				78	185			
S				511	F2	3								Z sym 41.4 - 51.8
S				542	F2	Z				71	185			S sym 51.8 - 54.2
S				587	F2	3								Z sym 54.2 - 58.7
S				600	C/S	2				74	185			
S				655	C/S	2				79	185			
S				692	C/S	2				83	185			
S				753	C/S	2				72	185			
S				800	F2	Z				81	185			S sym 58.7 - 80.0
S				855	F2	3				61	185			Z sym 80.0 - 85.5
S				887	F2	Z								S sym 85.5 - 88.7
S				902	C/S	2				67	185			
S				966	C/S	2				72	185			
S				1021	C/S	2				68	185			
S				1049	F2	3								Z sym 88.7 - 104.9
S				1088	C/S	2				84	185			
S				1110	F2	Z								S sym 104.9 - 110.9
S				1138	F2	3				81	185			Z sym 110.9 - 113.8
S				1179	C/S	2				77	185			
S				1225	F2	Z				85	185			S sym 113.8 - 122.5
S				1268	C/S	2				63	185			F <sub>g</sub> kink 30° 015
S				1306	F2	3				78	185			Z sym 122.5 - 130.6
S				1361	C/S	2				84	185			
S				1423	C/S	2				78	185			
S				1484	C/S	2				65	185			
S				1551	F2	Z				74	185			S sym 130.6 - 155.1
S				1574	F2	3								Z sym 155.1 - 157.4
S				1599	C/S	2				77	185			
S				1661	C/S	2				72	185			
S				1718	C/S	2				75	185			

Structural Log

Code	From		To		Feature	SVE	S <sub>1</sub>		S <sub>2</sub>		Description	
	Dip	Direct.	Dip	Direct.			Dip	Direct.	Dip	Direct.		
	10	14	16	20	22	24	26	28	32	34	38	
S				1178	6	CS2				75	185	
S				1184	8	CS2				70	185	
S				1191	1	CS2				83	185	
S				1197	2	CS2				83	185	
S				1203	3	CS2				73	185	
S				1207	5	CS2				85	185	
S				1208	9	F2E						S sym 157.4 - 208.9
S				1210	0	F23						Z sym 208.9 - 210.0
S				1212	8	F2E				81	185	S sym 210.0 - 212.8
S				1218	4	F23				85	185	Z sym 212.8 - 218.4
S				1220	1	F2E						S sym 218.4 - 220.1
S				1223	5	F23				76	185	Z sym 220.1 - 223.5
S				1229	8	CS2				75	185	
S				1236	2	CS2				81	185	
S				1241	2	CS2				60	185	
S				1245	6	F2E				71	185	S sym 223.5 - 245.6
S				1249	4	F2Z				79	185	Z sym 245.6 - 249.4
												Dike 249.4 - 267.0
S				1267	0	CS2Z				72	185	
S				1272	1	CS2				70	185	
S				1279	2	CS2				80	185	
S				1285	6	CS2				74	185	
S				1291	7	F23				50	185	Z sym 267.0 - 291.7
S				1294	7	F2E						S sym 291.7 - 294.7
S				1297	8	CS2				70	185	
S				1303	9	CS2				68	185	
S				1311	0	CS2				74	185	
S				1316	1	CS2				75	185	
S				1322	2	PS2				89	185	
S				1323	0		R					R 323.0 - 325.0
S				1326	5	F23				75	185	Z sym 294.7 - 326.5
S				1331	7	CS2				79	185	
S				1336	1	F2E						S sym 326.5 - 336.1
S				1338	1	CS2				63	185	
S				1346	1	F23				81	185	Z sym 336.1 - 346.1

Structural Log

Code	From		To		Feature	S <sub>1</sub> Dip Direct.	S <sub>2</sub> Dip Direct.		Description
	10	14	16	20			32	34	
S			3481		CIS12		76	11815	
S			3542		CIS12		65	11815	
S			3517		F12Σ		814	11815	S sym 346.1 - 357.1
S			3518		F123				Z sym 357.1 - 358.5
S			3519		F12Σ				S sym 358.5 - 359.0
S			3611		CIS12		810	11815	
S			3617		F123		810	11815	Z sym 359.0 - 367.0
S			3618		F12S				Garbage Zone 368.9 - 389.0, D.D. + Horz CSZ
S			3710		CIS12		63	11815	
S			3717		CIS12		817	11815	
S			3813		CIS12		75	11815	
S			3819		F12Σ		811	11815	S sym 389.0 - 389.5
S			3910		F123				Z sym 389.5 - 390.2
S			3913		F12Σ				S sym 390.2 - 393.0
S			3913		F123		812	11815	Z sym 393.0 - 393.7
S			4011		CIS12		712	11815	
S			4101		F12Σ		75	11815	S sym 393.7 - 407.1
S			4108		F123				Z sym 407.1 - 408.6
S			4111		F12Σ		815	11815	S sym 408.6 - 411.1
S			4114		CIS12		813	11815	
S			4119		CIS12		717	11815	
S			4211		F123		814	11815	Z sym 411.1 - 421.8
S			4216		CIS12S		810	11815	426.1 - 442.5 horz zone
S			4311		CIS12H		910	11815	
S			4318		CIS12H		910	11815	
S			4425		F12Z				
S			4441		F123		810	11815	Z sym 442.5 - 444.1
S			4418		F12Σ		815	11815	S sym 444.1 - 448.8
S			4512		CIS12		716	11815	
S			4611		CIS12		715	11815	
S			4613		F123				Z sym 448.8 - 463.1
S			4615		F12Σ		815	11815	S sym 463.1 - 465.0
S			4618		F123				Z sym 465.0 - 468.0
S			4710		CIS12		718	11815	
S			4712		F12Σ		716	11815	

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
S			475	4	C S R			87	185			
S			476	2		H						476.2 - 477.6 Horiz zone
S			477	6	F R S							
S			478	5	F R S			810	185			S sym 477.6 - 478.5
S			480	3	F R S							Z sym 478.5 - 480.3
S			481	2	F R S			83	185			S sym 480.3 - 485.2
S			481	8	F R S							Z sym 485.2 - 488.6
S			481	9	F R S			84	185			S sym 488.6 - 489.9
S			495	3	C S R			75	185			
S			495	5		H						495.5 - 499.6 Horiz zone
S			499	6	F R Z							Z sym 499.6 - 501.0
S			501	0	P S R			77	185			
S			501	7	P S R			70	185			
S			501	1	P S R			80	185			
S			501	5	P S R	P		80	185			P s 2 501.0 - 515.6
S			511	0	F R Z							Z sym 515.6 - 519.0
S			521	5		H						Horiz Zone + DD 519.0 - 527.5
S			521	8	F R S			810	185			Z sym 527.5 - 528.1
S			523	0	F R S							S sym 528.1 - 530.5
S			523	0	F R S			810	185			Z sym 530.5 - 532.0
S			533	3	F R S							S sym 532.0 - 534.3
S			533	6	F R S			814	185			Z sym 534.3 - 536.6
S			533	9	F R S			810	185			S sym 536.6 - 539.5
S			534	2	F R S							Z sym 539.5 - 542.0
S			534	3	F R Z							S sym 542.0 - 543.5
S			534	4	F R Z							Z sym 543.5 - 544.5
S			534	7		H		910	185			Horiz zone 544.5 - 547.0
S			534	7	F R S							Z sym 547.0 - 547.3
S			535	3	C S R			810	185			
S			536	0	C S R			810	185			
S			536	0	C S R			717	185			
S			537	1	F R S			85	185			S sym 547.3 - 571.9
S			537	2	F R Z							Z sym 571.8 - 572.1
S			537	5	R S R	R		717	185			R zone 572.1 - 575.2
S			537	6	F R S							S sym 575.2 - 576.7
S			537	9	R S R	R		712	185			

Structural Log

Code	From				To				Feature	SYE	S <sub>1</sub>		S <sub>2</sub>		Description
	10	14	16	20	22	24	26	28			Dip	Direct.	Dip	Direct.	
S			151010	2	IFZ	Z								579.8 - 580.2 gouge zone	
S			151817	2	CIS	I2					410	11815			
S			151912	7	IFZ	3					718	11815		Z sym 580.2 - 592.7	
S			151916	2	IFZ	E					712	11815		S sym 592.7 - 596.2	
S			151917	8	IFZ	3								Z sym 596.2 - 597.8 (Lith repeat)	
S			151919	2	IFZ	E					815	11815		S sym 597.8 - 599.2	
S			161011	5	IFZ	3								Z sym 599.2 - 601.5	
S			161012	6	IFZ	S								S sym 601.5 - 602.6	
S			161014	6		R					717	11815		R zone 602.6 - 604.6	
S			161019	2	CIS	I2					614	11815			
S			161113	8	CIS	I2					716	11815			
S			161118	2	IFZ	3					715	11815		Z sym 640.6 - 618.2	
S			161215	0	CIS	I2					616	11815			
S			161219	0	IFZ	E								S sym 618.2 - 629.0	
S			161311	4	CIS	I2					816	11815			
S			161316	4	IFZ	3					516	11815		Z sym 629.0 - 636.4	
S			161410	3	CIS	I2					615	11815			
S			161416	7	CIS	I2					516	11815			
S			161512	8	CIS	I2					610	11815			
S			161515	8	IFZ	E					815	11815		S sym 636.4 - 655.8	
S			161611	6	IFZ	3					519	11815		Z sym 655.8 - 661.6	
S			161616	2	IFZ	E					812	11815		S sym 661.6 - 666.2	
S			161710	4	IFZ	3					814	11815		Z sym 666.2 - 670.4	
S			161711	2	IFZ	E								S sym 670.4 - 671.2	
S			161712	9	IFZ	3								Z sym 671.2 - 672.9	
S			161714	3	IFZ	E					613	11815		S sym 672.9 - 674.3	
S			161715	8	IFZ	3								Z sym 674.3 - 675.8	
S			161717	5	IFZ	E								S sym 675.8 - 677.5	
S			161812	1	IFZ	3					713	11815		Z sym 677.5 - 682.1	
S			161812	7	IFZ	E								S sym 682.1 - 682.7	
S			161818	6	CIS	I2					715	11815			
S			161914	0	CIS	I2					810	11815			
S			161918	5	IFZ	3					711	11815			
S			161919	6	IFZ	S									
S			170131	1	CIS	I2					713	11815			
S			170176	1		M					713	11815		MIXED ZONE 699.6 - 707.6	



Code	From		To		Sample No.		LENGTH	UNIT	Description	RECOVERY
	10	14	16	20	22	27				
P	151012	6	151014	6	X1 101810	16	2.0 m	4L3	2.0 m	
P	151014	6	151016	8	X1 101810	17	2.2	4L3	2.2 m	
P	151016	8	151019	1	X1 101810	18	2.3	4K0	2.3 m	
P	151019	1	151110	4	X1 101810	19	0.5	4K0	0.4 m	
P	151110	4	151110	9	X1 101811	10	0.5	4K8	0.5 m	
P	151110	9	151111	6	X1 101811	11	0.7	4K0	0.7 m	
P	151111	6	151113	6	X1 101811	12	2.0	4K0	2.0 m	
P	151113	6	151114	6	X1 101811	13	1.0	4K0	1.0 m	
P	151114	6	151115	6	X1 101811	14	1.0	4C0	1.0 m	
P	151115	6	151117	6	X1 101811	15	2.0	4A0	2.0 m	
P	151117	6	151119	6	X1 101811	16	2.0	4A0	2.0 m	
P	151119	6	151211	6	X1 101811	17	2.0	4A0	2.0 m	
P	151211	6	151212	2	X1 101811	18	0.6	4A0	0.5 m	
P	151212	2	151213	6	X1 101811	19	1.4	4C0	1.3 m	
P	151213	6	151215	0	X1 101812	20	1.4	4A0	1.4 m	
P	151215	0	151215	6	X1 101812	21	0.6	4C0	0.6 m	
P	151215	6	151216	4	X1 101822	22	0.8	4K0	0.8 m	
P	151216	4	151217	6	X1 101823	23	1.2	4E0	1.1 m	
P	151217	6	151218	8	X1 101824	24	1.2	4K0	1.1 m	
P	151218	8	151310	0	X1 101825	25	1.2	4A1	1.2 m	
P	151310	0	151311	2	X1 101826	26	1.2	4A1	1.1 m	
P	151311	2	151312	5	X1 101827	27	1.3	4C0	1.3 m	
P	151312	5	151314	1	X1 101828	28	1.6	4A0	1.6 m	
P	151314	1	151315	9	X1 101829	29	1.8	4L627895	1.5 m	
P	151315	9	151316	2	X1 101830	30	0.3	4A4	0.3 m	
P	151810	2	151812	2	X1 101813	31	2.0	4A4	1.1 m	
P	151812	2	151814	2	X1 101813	32	2.0	4A4	2.0 m	
P	151814	2	151816	2	X1 101813	33	2.0	4A4	1.2 m	
P	151816	2	151817	6	X1 101813	34	1.4	4A4	1.4 m	
					X1 101813	35	no sample # 835			
P	151912	8	151915	0	X1 101813	36	2.2	4A0	2.2 m	
P	151915	0	151917	2	X1 101813	37	2.2	4L6	2.1 m	
P	151917	2	151917	9	X1 101813	38	0.7	4A0	0.5 m	
P	151917	9	151918	1	X1 101813	39	0.2	5D3	0.2 m	
P	151918	1	151010	3	X1 101813	40	2.2	4A0	2.2 m	

Code	From	To	Sample No.	Description	LENGTH	UNIT	RECOVERY
P	1610103	1610125	X1 1018141		2.2 m	4A0	2.2 m
P	1610125	1610145	X1 1018142		2.0	4L7	2.0
P	1610145	1610160	X1 1018143		1.5	4L7	1.5
P	1610160	1610177	X1 1018144		1.7	4L4	1.7
P	1610177	1610191	X1 1018145		1.4	4A0	1.4
P	1610191	1610199	X1 1018146		0.8	SD3	0.8
P	1610199	1611113	X1 1018147		1.4	4L47	1.0
P	1611113	1611126	X1 1018148		1.3	4D1	1.2
P	1611126	1611146	X1 1018149		2.0	4L14	1.9
P	1611146	1611166	X1 1018150		2.0	4L14	2.0
P	1611166	1611183	X1 1017108		1.7	4L14	<del>1.5</del> 1.5
P	1611183	1612103	X1 1017109		2.0	4D14	1.0
P	1612103	1612120	X1 1017110		1.7	4D14	1.5
P	1612120	1612127	X1 1017111		0.7	4D14	0.7
P	1612127	1612131	X1 1017112		0.4	SD3	0.5
P	1612131	1612141	X1 1017113		1.0	4L14	0.9
P	1612141	1612156	X1 1017114		1.5	SD3	1.5
P	1612156	1612172	X1 1017115		1.6	4L6	1.5
P	1612172	1612178	X1 1017116		0.6	4L4	0.6
P	1612178	1612197	X1 1017117		1.9	SD3 + SA1	1.9
P	1612197	1613102	X1 1017118		0.5	4L147	0.5
P	1613102	1613120	X1 1017119		1.8	4A7	1.4
P	1613120	1613140	X1 1017120		2.0	4A0	2.0
P	1613140	1613160	X1 1017121		2.0	4A0	1.7
P	1613160	1613168	X1 1017122		0.8	4A0	0.8
P	1613168	1613188	X1 1017123		2.0	4A4	2.0
P	1613188	1614101	X1 1017124		1.3	4A4	1.3
P	1614101	1614109	X1 1017125		0.8	4D0	0.7
P	1614109	1614129	X1 1017126		2.0	4D1	2.0
P	1614129	1614149	X1 1017127		2.0	4D1	2.0
P	1614149	1614169	X1 1017128		2.0	4D1	2.0
P	1614169	1614184	X1 1017129		1.5	4D1	1.5
P	1614184	1614192	X1 1017130		0.8	4C0	0.8
P	1614192	1615110	X1 1017131		1.8	4D0	1.8
P	1615110	1615130	X1 1017132		2.0	4C0	2.0
P	1615130	1615135	X1 1017133		0.5	4D0	0.5



79-X-11

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 79-X-11

Fabric Orientation Diagram:

Project: DY

Location: VANGUARD PLATEAU

Claim: DY-184

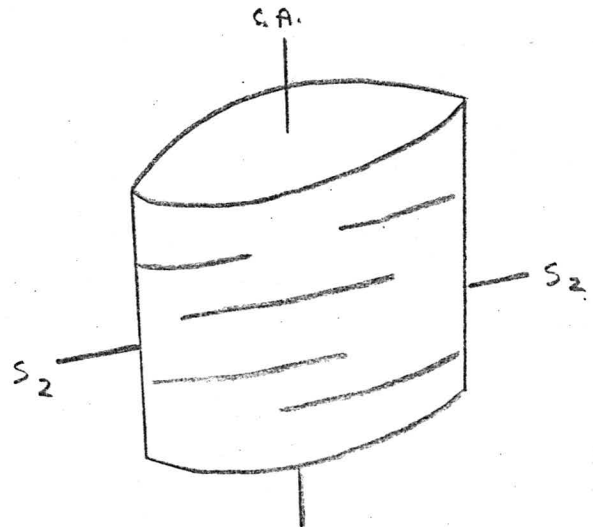
Terr. Plane Co-ords.: \_\_\_\_\_ N

\_\_\_\_\_ E

Grid Co-ords.: L 13+50

2255

Elevation: \_\_\_\_\_



All symmetry determinations looking

NW with S2 dipping

SW with dip azimuth 185.

Total Depth: \_\_\_\_\_

Purpose: FILL IN SECTION, TO EXTEND MINERALIZATION IN 79-X-06

Logged by: BVH/LCP

Date(s) Logged: July 27, - Aug 24, 1979

Drilling Contractor: ARCTIC

Core:	Size	From	To	Collar Cased and Capped:
<u>NQ</u>	<u>16.1</u>	_____	_____	<u>No</u>
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

Started: July 24, 1979 Completed: Aug 23, 1979.





Lithologic Log

Code	From		To		Unit		Code		Description
	10	14	16	20	22	23	25	27	
L	11000		11161		11		11		o/B
L	11161		11216		12	S1B16			py only spotty throughout to 203.0
L	11216		11274		13	S1B10			py only
L	11274		11274		14	S1B16			py only
L	11274		11318		15	S1B10			py only
L	11318		11421		16	S1B16			py only
L	11421		11467		17	S1B10			py only
L	11467		11735		18	S1B16			breccia zone 67.0 - 68.0 pre F2
L	11735		11746		19	S1D13			py only
L	11746		11753		110	S1B16			py only
L	11753		11766		111	S1D13			py only
L	11766		11111		112	S1B10			py only
L	11111		11111		113	S1D10			py only
L	11111		11146		114	S1B10			py only
L	11146		11146		115	S1D13			py only
L	11146		12166		116	S1B10			py only, to 256.0m parting py to 272.3
L	12166		12172		117	S1B16			
L	12172		12181		118	S1B10			py >> po
L	12181		12191		119	S1B16			py only
L	12191		12194		210	01D12			-OD29 Amph altered to montmorillonite
	111		111		1	11			minor patches have been pervasively
	111		111		1	11			altered, minor diss py, py only
L	12194		12195		211	01D12			
L	12195		12196		212	01D12			-OD29
L	12196		12198		213	01F10			
L	12198		13129		214	S1B10			py > po
L	13129		13133		215	S1B16			py only
L	13133		13169		216	S1B10			py = po po mantling py
L	13169		13192		217	S1B16			py = po
L	13192		14011		218	S1B16			pre F2 breccia zone, clasts flattened
	111		111		1	11			and rotated into the plane of F2 py > po
L	14011		14113		219	S1B16			py > po
L	14113		14117		310	S1B10			py only
L	14117		14211		311	S1B16			py only
L	14211		14215		312	S1B16			zone of gouge and broken core
L	14215		14219		313	S1B16			

DDH 29 - X - 1 - 1

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## Cyprus Anvil Mining Corp.

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## Lithologic Log

Logged By: BVH/LCP

Code	From		To		Unit		Code		Description
	10	14	16	20	22	23	25	27	
L	14219	4	14219	8	314		51016		
L	14219	8	14310	2	315		51816		-SB62 minor breccia and gouge
L	14310	2	14317	0	316		51010		
L	14317	0	14317	6	317		51013		
L	14317	6	14318	1	318		51010		
L	14318	1	14318	7	319		51816		
L	14318	7	14319	7	410		51010		
L	14319	7	14410	9	411		51816		
L	14410	9	14411	4	412		51817		-SB73
L	14411	4	14412	3	413		51817		
L	14412	3	14413	1	414		51816		
L	14413	1	14416	9	415		51010		
L	14416	9	14417	8	416		51817		-SB73
L	14417	8	14418	3	417		51817		
L	14418	3	14510	5	418		51010		
L	14510	5	14513	7	419		51013		
L	14513	7	14516	3	510		51010		
L	14516	3	14517	7	511		51013		
L	14517	7	14613	4	512		51010		
L	14613	4	14617	3	513		51817		
L	14617	3	14618	6	513		51010		py = 100 from 425.2 → 469.6
L	14618	6	14711	1	514		51013		keopend rock, small lithons of graphitic material, small clots of carbonate which resemble amygdules (??).
L	14711	1	14715	5	515		51013		keopend rock. Discontinuous light to dark green layers interbedded with gray layers. Scattered throughout are grayish dolomite chombs - amygdules. Gray bands also contain dolomite.
L	14715	5	14716	6	516		51016		keopend rock. Gray layers contain dolomite. Reacts very poorly to HCl except when powdered.
L	14716	6	14717	4	517		51013		keopend rock grading into more massive light olive SD. Calcareous - reacts strongly to HCl.
L	14717	4	14719	3	518		51816		Pale gray
L	14719	3	14810	7	519		51016		SD64 Pale olive phyllite - very micaceous. Contains abundant small ptz veins. Altered version of SD. Contains small lenses of bright green chlorite (?).

Code	From	To	Unit	Code	Description
I	10 14 16	20 22 23	25 27		
L	141810 7	141812 4	610	51B16	
L	141812 4	141814 7	611	51B16	Fault gouge & breccia zone in 5B. Just below this zone see F4 kink fractures & folds
L	141814 7	141912 2	616	51B16	Variably laminated Bull gtz veins Only minor disseminated sulfides - Po
L	141912 2	141913 1	617	51B14	5B46 Abundant bull gtz. Bleached light gray to white, laminated 5B. (ie altered 5B)
L	141913 1	151010 4	618	51B16	Variably laminated. Disseminated Po
L	151010 4	151113 4	619	51B10	Po (minor Py)
L	151113 4	151113 7	710	51B10	Gouge & breccia associated with F4 folding
L	151113 7	151212 8	711	51B16	Laminated - stibite layers are light gray Po & Py
L	151212 8	151213 0	712	51B16	Gouge
L	151213 0	151214 3	713	51B16	Laminated grey phyllite
L	151214 3	151214 4	714	51B16	Gouge
L	151214 4	151215 0	715	51B16	Abundant bull gtz veins
L	151215 0	151216 0	716	51B12	5B26 Slightly darker grey, laminated phyllite. Py.
L	151216 0	151218 1	717	51B10	Laminated light & dark grey Ostrite layers
L	151218 1	151310 7	718	51B16	Laminated grey phyllite
L	151310 7	151310 9	719	51B16	Breccia & gouge
L	151310 9	151312 0	810	51B16	Pyrobitic disseminated
L	151312 0	151313 9	811	51B10	F4 breccia - consolidated - at 533m Py & Po
L	151313 9	151314 6	812	51B10	Gouge
L	151314 0	151314 6	813	51B10	Dark grey - may be considered 5B2 Py
L	151314 6	151317 6	814	51D13	Pale, massive olive green with grey and black interbeds. Minor amounts of 5B interbedded. Both py and Po
L	151317 6	151318 4	815	51B16	Po
L	151318 4	151318 6	816	51B16	Gouge
L	151318 6	151411 5	817	51B16	Py and Po
L	151411 5	151412 1	818	51D13	Light grey phyllite with discontinuous green chloritic laminae. Contains abundant gtz-carbonate veins
L	151412 1	151415 7	819	51B16	Laminated grey phyllite Py and Po light grey bands are slightly calcareous white
L	151415 7	151416 2	910	51D13	Similar to # 8B. Gray with discontinuous green chlorite laminae. Gray is moderately calcareous

Lithologic Log

Code	From		To		Unit		Code	Description
	10	14	16	20	22	23		
L	151416	2	151419	9	911		51B10	Grey laminated phyllite Both Po and Py
L	151419	9	151511	1	912		51D13	Grey marble with thin discontinuous chlorite laminae Stringer veins of white carbonate & white bull gte
L	151511	1	151513	7	913		51B16	Gouge and breccia in grey, generally noncalcareous phyllite
L	151513	7	151613	7	914		51B16	Grey laminated phyllite Calcite fills fractures Minor veins filled with white gte and white calcite Po
L	151613	7	151614	2	915		51D13	Similar to Unit # 92. Lower portion of unit consists of coarse gte-calcite vein Po
L	151614	2	151712	3	916		51B10	Banded grey phyllite Mainly Po (only minor Py)
L	151712	3	151717	0	917		51B12	Dark grey, banded phyllite Po as larger subhedral to subhedral grains Py as small grains scattered in light grey bands Calcite forms stringers in fractures
L	151717	0	151916	3	918		51B10	Banded grey phyllite Calcite fill fractures Subhedral Po grains
L	151916	3	161012	0	919		51B12	5B26 Dark grey, noncalcareous phyllite
L	161012	0	161012	3	010		51B12	5B26 Gouge
L	161012	3	161013	8	011		51B12	5B26 Dark grey, noncalcareous phyllite
L	161013	8	161210	0	012		51B10	Banded grey phyllite. Very calcareous Essentially consists of marble (light grey) interbedded with phyllite (darker grey) Calcite infill gte fills fractures & forms veins Subhedral Po
L	161210	0	161210	1	013		51B10	Gouge
L	161210	1	161414	4	014		51B10	Same as Unit # 102 Only very minor gte veins Pyrite as very small grains in light grey calc. layers
L	161414	4	161415	5	015		51B12	Dark grey to blackish banded phyllite Both py and Po present
L	161415	5	161513	8	016		51B10	Both Py and Po present. Dominantly Po as subhedral grains Py occurs as tiny grains in lighter grey calcareous layers
L	161513	8	161514	5	017		H1276	
L	161514	5	161515	3	018		51B10	
L	161515	3	161516	0	019		51B12	Dark grey to black phyllite Minor gte veins
L	161516	0	161610	5	110		51D13	Massive to finely laminated pale green SD Very calcareous Veins are mainly carbonate with minor gte

Lithologic Log

Code	From	To	Unit	Code	Description	
	10	14	16	20	22 23 25 27	
L	161610	5	161611	3	111 51B16	Laminated grey to dark grey phyllite
L	161611	3	161611	5	112 41K16	41K67 Breccia and gouge Clasts include phyllite and pyrrhotite
L	161611	5	161615	4	113 41K16	41K67 Interlaminated green & grey phyllite Abundant Qtz-carbonate veins with irregular stringer pyrrhotite At 664.2M Qtz veins contain scattered sphalerite
L	161615	4	161710	6	114 41K10	Grey, noncalcareous phyllite Contains thin chloritic laminae. Many microlithons are darker colored - these consist of layers rich in anhedral pyrite and/or pyrrhotite. Qtz-carbonate veins (mostly white Qtz)
L	161710	6	161711	6	115 01A10	White bull Qtz vein with very minor carbonate. Minor interbeds of 41K phyllite
L	161711	6	161714	9	116 41K10	Similar to Unit # 114 Chlorite generally more abundant in rock has green to bl. Pyrrhotite forms irregular stringers - stringers often have associated green chlorite.
L	161714	9	161810	0	117 51B16	Grey phyllite Poorly laminated Contains intervals of calcareous 5B0 Qtz-chlorite-po-carbonate veins Py not noticed
L	161810	0	161816	5	118 41K17	9 Grey to green phyllite Contains abundant po stringers - these are generally in 5B. Chloritic layers from microlithons, - as to some of the po layers Minor py present with po Minor cpy blebs noted Calcite fills fractures Section from 684.7 - 685.6 M contains very minor sphalerite & galena with po
L	161816	5	161817	3	119 41K12	41K29 Similar to unit # 118 only py is major sulfide. Forms subhedral to anhedral grains concentrated in upper layers overall 5B. Only very minor blebs of cpy - these appear to be concentrated along small fractures
L	161817	3	161914	3	210 41K17	White to green laminated phyllite Similar to Unit # 118 Po as microlithons and more irregular stringers. Bright green chlorite associated with po stringers. Locally py is dominant sulfide Minor sphal and fan cpy may be present

Code	From		To		Unit		Code		Description
	10	14	16	20	22	23	25	27	
L	161914	3	161914	6	21	41210			Grey to pale green phyllite No po present
L	161914	6	161915	2	22	41210			Gouge Contains large white bull gte clasts
L	161915	2	161916	5	23	41210			Grey to green phyllite lower contact with 5B
									is gradational - core becomes darker green grey
L	161916	5	171011	6	24	51B16			Grey to dark grey phyllite Subhedral Po
L	171011	6	171111	4	25	41217			Off-white to green phyllite Po as irregular stringers
									Also as layers (vague margins) parallel S2 (may form
									microlithons) Chlorite-gte-carbonate veins associated
									with po stringers
L	171111	4	171112	9	26	41215			Grey phyllite with pale green chloritic laminae
									Calcareous
L	171112	9	171218	2	27	41212			White-grey to pale green phyllite Py > Po Py occurs
									as subhedral grains - concentrated in layers along S2
									Minor gte-carbonate veins Includes a brief
									interval of 5B6. Upper 2-0.3 m is calcareous - rest
									of section noncalcareous
L	171218	2	171310	4	28	41217			Grey phyllite with green chloritic laminae Also laminae
									& microlithons with mainly Po
L	171310	4	171315	3	29	51B16			Grey phyllite with greenish cast Subhedral Po grains
L	171315	3	171318	5	30	51B17			5B73 Dark green chloritic phyllite interbedded with
									thin marble layers Near bottom of interval phyllite
									becomes gradational into 5B6 Subhedral to
									stringer Po
L	171318	5	171411	0	31	51B16			Bull gte veins Subhedral Po
L	171411	0	171412	1	32	41213			Cream white phyllite Slippery feel Py along late
									fractures
L	171412	1	171412	6	33	41G4			4G49 Pyrite - no Po or Magnetite. Carbonate
									pale present Honey-combed sphalerite Minor
									cpy along fractures
L	171412	6	171413	3	34	41C19			Minor cpy As blebs or filling fractures across
									qtzitic layers
L	171413	3	171415	6	35	41216			412349 Green chloritic phyllite Abundant Py
									in vague layers Minor sphalerite noted
									Qtz-carbonate veins common Minor cpy

Lithologic Log

Code	From		To		Unit		Code	Description
	10	14	16	20	22	23		
L	171415	6	171417	7	316		41K19	Carbonate and qtz clasts in a pyrite matrix Clast elongate in S2. Minor sphalerite bands noted. Cpy occurs in small blebs along fractures through carbonate clasts.
L	171417	7	171419	7	317		41K18	9 Elongate white carbonate clasts & veins in pyrite matrix Thin, discontinuous magnetite "streaks" along S2 orientation. Minor cpy filling fractures in carbonate.
L	171419	7	171510	9	318		41G14	4G489 Honey-colored sphalerite thin magnetite layers. Minor cpy filling fractures. Trace amt of carbonate. Contains some thin massive pyrite (4E) interbands.
L	171510	9	171511	5	319		41K18	Similar to Unit # 37. No cpy noted.
L	171511	5	171513	0	410		41G14	4G48 Banded baritic and pyritic. Contains minor scattered carbonate. Light-colored sphalerite. Magnetite as layers & discontinuous lenses.
L	171513	0	171514	0	411		41K18	4K89 Lenses & pods of carbonate. Minor magnetite layers. Cpy as small blebs in carbonate fractures. Contains thin bands of purplish sphalerite scattered through interval.
L	171514	0	171515	4	412		41G14	4G483 Banded 4G with pyrite-rich layers. Magnetite layers present.
L	171515	4	171517	2	413		41K18	Qtz + carbonate. Small sphalerite bands. Minor magnetite layers.
L	171517	2	171517	5	414		57D13	Good laminated SD.
L	171517	5	171611	1	415		41K19	4K981 Qtz + carbonate. Magnetite as thin bands. Minor cpy noted filling fractures. One thin interval of SD. Only very minor sphal.
L	171611	1	171612	1	416		41J14	4J48 Mainly sphal-gal-magnet. Pyrite forms lace network pattern around other sulfides.
L	171612	1	171612	7	417		41G14	4G48 Banded baritic with pyritic layers. Dark colored.
L	171612	7	171613	5	418		41D18	4D87 Fractured qtz clasts in sulfide matrix. Both magnetite & pyrosulphate present with pyrite, gal-sph.
L	171613	5	171615	5	419		41G14	4G483 Banded baritic. Abundant Py. Lower part of section is brief interval of 4E148.

Lithologic Log

Code	From	To	Unit	Code	Description
	10 14 16	20 22 23 25 27			
L	171615 5	171619 6	510	41A14	Calcite fills fractures Pyrite-sphal-galena
L	171619 6	171710 1	511	41E11	
L	171710 1	171710 9	512	51D16	Green phyllite with interlaminated gteitic layers
L	171710 9	171717 4	513	51B16	Light grey phyllite Subhedral to stringer po
L	171717 4	171717 9	514	51B10	Small clusters of pyrite - No Po
L	171717 8	171719 2	515	41K10	light grey phyllite Chlorite < muscovite Py
					Carbonate fills fractures
L	171719 2	171719 8	516	41E19	Banded massive pyrite Vague discontinuous banding from minor amounts of other minerals Minor cpy.
L	171719 8	171814 7	517	41G14	4G43 Banded baritic contains abundant py Interbanded with <del>that</del> massive pyrite 43-like Unit # 156. Scattered, rounded gte clasts (augen?) present in baritic horizons
L	171814 7	171819 2	518	41K14 6	Massive pyrite with carbonate & gte clast scattered Bands of sphal-galena or sphal-gal-barite interbanded with NK These bands are up to 0.3M thick Some thin bands of phyllite-type
L	171819 2	171910 7	519	41G14	4G43 Dark baritic material Disseminated sphal-gal-py
L	171910 7	171913 6	610	41E18	4E894 May be considered 4K. A few scattered clasts and veins of carbonate-gte Cpy fills fractures in these areas Otherwise massive py with a few bands of sphal-gal Magnetite associated with sphal Minor po right next to gte-carbonate veins One interval has phyllitic clasts - cannot readily tell orientation of fltn
L	171913 6	171916 2	611	41G14	4G483 Banded baritic containing abundant disseminated pyrite Includes one interval of 4D894
L	171916 2	171917 7	612	41D18	4D894 Abundant pyrite bands and stringers Irregular blebs of cpy - often filling late fractures
L	171917 7	181014 3	613	41D17	Similar to Unit # 162 - 4D7894 - only Po present with Py as bands & irregular stringers Abundant cpy as blebs & stringers - often along late fractures
L	181014 3	181017 4	614	41A17	4A739 Graphitic banded phyllite with abundant stringers of Po and/or Py Cpy as blebs filling fractures Only minor fine sph & gal 505.5 - 306.6 4K altitud 4A Stringer cut across S2

DDH 7, 9, - X, - 1, 1  
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Lithologic Log

Logged By: LCP

Code	From	To	Unit	Code	Description
1	10	14 16	20 22 23	25 27	
L	181017 4	181113 8	615	41L11	4L1729 Pale gray gste with abundant bands of Py and/or Po. Bands have vague borders. Abundant cpy as irregular splashes - often filling late brittle fractures
L	181113 8	181115 5	616	51B16	Grey phyllite - not banded. Subvertical to stringers disseminated Po. Carbonate - gte fills fractures & forms veins. Also sphal - galena - cpy in veins & fractures
L	181115 5	181115 8	617	51B16	Brief fault gouge zone
L	181115 8	181116 8	618	51B16	
L	181116 8	181119 1	619	41L17	4L729 Light gray to pale green phyllite. Bands & stringers of Po ± Py. Cpy as irregular blebs
L	181119 1	181119 8	710	41E10	Massive sulfides with thin carbonate veins. Pyrite clasts totally supported in slightly darker brown sulfide matrix (non-magnetic)
L	181119 8	181214 1	711	51A16	Upper part contains zone of breccia. Very Black phyllite. Fine-grained Po and/or Py
L	181214 1	181217 1	712	51A10	Black calcareous phyllite. Py and/or Po
	181217 1	181219 4	713	51A16	Dark phyllite. Laminated light & dark grey (black). Fine-grained Po
L	181219 4	181310 9	714	41A10	Gradational transition to ribbon-banded. Py as abundant grains in light grey, gte-rich layers
L	181310 9	181312 0	715	51A19	Dark black carbonaceous phyllite. Short interval at top consists of phyllite clast in a consolidated breccia. Filler in clast is randomly oriented. Mainly stringers Po. Only minor disseminated Py
L	181312 0	181314 5	716	41A10	Gradual transition to ribbon-banded. Not generally as gte-rich as Unit #174. Mainly Py - minor Po. Contains 1 thin visible band at 334.1M.
L	181314 5	181315 0	717	41K14	4K4789 Carbonate as thin bands & in matrix of sulfides. Banded with pyrite - magnetite - sphal? - po? Definite massive Po at upper part of interval. Cpy in minor units filling fractures in gte vein
L	181315 0	181414 0	718	41K16	4K679 Moderate to light green phyllite. Abundant Po - both as folded bands and as irregular stringers. Cpy as stringers & blebs. Calcite fills fractures

Code	From	To	Unit	Code	Description
	10 14 16	20 22 23	25 27		
L	181414 0	181414 3	719	41216	Thin breccia zone in 4126. Angular clasts of Po in gtz matrix. Possibly small breccia associated with Po-gtz vein in 4126 sequence
L	181414 3	181510 0	810	41216	41279 Same as Unit # 178. Thin breccia zone at 847.4M - gtz clasts in darker, fine-grained matrix. Rock does not look extensively altered. Below 849.3M core contains thin, pale green band. Appearance of calc-silicate mineralogy. Possible biotite also present. Qtz-chlorite-po-epg veins. epg ep as stringers
L	181510 0	181614 5	811	51D13	Dominant rock type is calcareous leopold rock - white & dark green layers with dark green dominant. Occasionally develops spotted appearance with small scale banding of calcareous layers. Minor intervals of green phyllite - 4127. Contains ep bands & stringers. Commonly with chlorite-gtz-po veins (Veins contain very minor interstitial carbonate)
L	181614 5	181617 3	812	41216	4127 Dark green phyllite. Both irregular stringer Po and more regular Po bands. Qtz-chlorite-Po veins common
L	181617 3	181710 3	813	51D16	Banded light grey & dark green leopold rock. Light grey layers are soft - no reaction to 10% HCl when powdered. 2x thick gtz-carbonate veins (dolomite)
L	181710 3	181715 2	814	41216	41279 Alternating green & gray banded phyllite. Abundant Po both as bands & irregular stringers. Minor white gtz veins with po stringers. Epg as irregular blebs filling fractures. Section become lighter colored near bottom of interval - more like 4127. Last 0.1M consists of massive Po
L	181715 2	181718 9	815	41A10	Fine-grained Py and/or Po. Minor epg as stringers filling late tension gashes
L	181718 9	181810 2	816	41A14	Fine py and po with sphal. Very minor epg blebs
L	181810 2	181815 2	817	41211	41289 light grey gtz with bands of Py. Scattered sphal-magnetite. Epg in minor amt as irregular blebs locally gtz breccia & slightly rotated with sulfides forming the matrix. Qtzite locally grades into 4A11 (presumably less altered)

Lithologic Log

Code	From	To	Unit	Code	Description
	10 14 16	20 22 23	25 27		
					Two small intervals of basic sulfides 4E46B at 880.4 - 881.1 M 884.9 - 885.2 M
					Po not really visible in this interval
L	181815 2	181912 6	818	51A19	Looks transitional toward 4A0 - not enough qtz to be good ribbon-banded Contains both Po and Py Minor cpy as irregular stringers & blebs laminated phyllite - noncalcareous Cpy associated with Po Po both as stringers & fine grains
L	181912 6	191013 4	819	4K7419	Pale grey ptiles with abundant Po and/or Py Py dominant down to 896.3 - Po dominant below that spot Po as vague bands & irregular stringers Core often has speckled appearance from small stringers - interstitial looking - Po Cpy as small blebs Sphal distributed as very small grains Upper contact with 5A cuts across lithology in 5A lying in 5A 45° contact 50° Upper section has ptile & phyllite angular clasts in a sulfide matrix - Po rich matrix Clasts are variably rotated as film is in different directions
L	191013 4	191116 8	910	31G0	Pale green phyllite Minor stringer Po at very top of interval Finely laminated Noncalcareous
L	191116 8	191119 1	911	31B13	Dark green-gray leopold rock Part of interval has <u>spotted</u> appearance looks very similar to Unit # 181
L	191119 1	191216 7	912	31G17	Noncalcareous green, laminated phyllite Minor Po Contains some light green layers (could be calc-silicate minerals) - these have been classified as Sulfaceous Minor Po
L	191216 7	191310 5	913	31E11	3E13 Dark grey to black phyllite Abundant irregular qtz stringers locally calcareous Calcites qtz also fill late tension fractures Stylolitic texture in one interval Py $\Rightarrow$ Po

Lithologic Log

Code	From	To	Unit	Code	Description
I	10	14 16	20	22 23 25 27	
L	191310 5	191314 3	914	31D7	Pale green, massive-looking, finely laminated phyllite. Slightly calcareous in 10% HCl (old) Qtz-chlorite veins. Locally has brownish-tinge spots - these are probable biotite. Very lowermost part of interval looks brecciated.
L	191314 3	191318 8	915	31F1	Fine-grained grey marble with silicate lenses & layers. Silicate lens bedding - extensively fractured as well. Usually dark brown from abundant biotite. To 1 sample 2 biotite zones have lying at very different angles (1    S2 - 1 ⊥ S2). More silicate-rich at top of interval (see very little grey marble). Minor parts of green mineralogy in the silicate layers.
L	191318 8	191412 9	916	31D14	Fine-grained massive. Brown & pale green banded appearance. Green laminates. Often have slightly mottled appearance as extent of biotite development varies. Contains phyllite interbands with bt-musc-chlor-gnt-staur(?) Contains minor pt to calcite veins.
L	191412 9	191415 4	917	31G10	Biot-gnt-chlor-staur schist. Appears to be locally retrograded (ie chlor/biotite ratio is irregular). Coarser grained than phyllites higher in section.
L	191415 4	191419 7	918	31D13	Top of interval consists of 0.3M of 3F1. Fine-grained, massive, slightly calcareous. Banded pale green & brown (biotitic) layers. Thicknesses of layers varies. Qtz veins present.
L	191419 7	191512 3	919	31G10	Gradational transition from above unit to green schist. Chlor-gnt-staur ± biotite. At 952.1 ft have vein with coarse musc - pink andalusite. Green laminates over brown.
L	191512 3	191514 1	010	31D11	Massive, fine-grained pale green. Hard. Qtz veins. Pa
L	191514 1	191517 6	011	31F1	Fine-grained grey marble with green or brown silicate bands. Calcite becomes more dominant in lower part of interval. Generally green silicates with minor intervals of biotitic assemblages.
L	191517 6	191615 3	012	31G10	Gnt-chlor-staur-musc ± biotite schist. Biotite not common. Color ranges from cream to greenish.



Core	From		To		Feature	S/F	S <sub>1</sub>		S <sub>2</sub>		Description
							Dip	Direct.	Dip	Direct.	
	10	14 16	20	22 24 26	28		32	34	38		
S			116								O/B no core
S			116	5	C1S12			815	11815		
S			12134		C1S12			616	11815		
S			1218	2	IF12S			712	11815		S sym 16.1 - 28.2
S			1318		IF12M						M zone 28.2 - 31.0
S			1314	7	C1S12			715	11815		
S			1318	7	C1S12			810	11815		
S			1414	5	C1S12			617	11815		
S			1419	1	C1S12			712	11815		
S			1515	5	C1S12			615	11815		
S			1812	5	C1S12			710	11815		
S			1616	7	C1S12			414	11815		
S			1713		C1S12			710	11815		
S			1716	5	C1S12			615	11815		
S			1718	8	IF12S						S sym 31.0 - 78.8
S			1812	6	IF123			815	11815		Z sym 78.8 - 82.6
S			1816	1	IF12S			816	11815		S sym 82.6 - 86.1
S			1911	8	C1S12			811	11815		
S			1914	3	IF12M						M zone 86.1 - 94.3
S			1917	8	C1S12			819	11815		
S			11010	6	IF12S						S sym 94.3 - 100.6
S			11013	5	IF12M			815	11815		M zone 100.6 - 103.5
S			11015	1	IF12E						S sym 103.5 - 105.1
S			11018	6	IF123			813	11815		Z sym 105.1 - 108.6
S			11113	4	C1S12			817	11815		
S			11116	1	IF12E						S sym 108.6 - 116.1
S			11117	9	IF123			813	11815		Z sym 116.1 - 117.9
S			11212	5	C1S12			815	11815		
S			11216	3	C1S12			818	11815		
S			11312	0	C1S12			817	11815		
S			11318	1	C1S12			814	11815		
S			11414	5	C1S12			715	11815		
S			11510	6	C1S12			715	11815		
S			11513	6	IF12E						S sym 117.9 - 153.6
S			11514	7	IF123			715	11815		Z sym 153.6 - 154.7
S			11516	6	IF12E						S sym 154.7 - 156.6

Structural Log

Code	From		To		Feature	F S	S <sub>1</sub>		S <sub>2</sub>		Description	
							Dip	Direct.	Dip	Direct.		
	10	14	16	20	22	24	26	28	32	34	38	
S			115	174	F12	3						Z sym 156.6 - 157.4
S			116	188	C1512				717	11815		
S			117	149	F12	E			715	11815		S sym 157.4 - 174.9
S			117	188	F12	3			716	11815		Z sym 174.9 - 178.8
S			117	199	F12	S						S sym 178.8 - 179.9
S			118	132	F12	M			710	11815		M zone 179.9 - 183.2
S			118	177	C1512				619	11815		
S			119	177	F12	E			716	11815		S sym 183.2 - 191.7
S			119	149	F12	3						Z sym 191.7 - 194.9
S			119	81	F12	E			815	11815		S sym 194.9 - 198.1
S			120	124	F12	3						Z sym 198.1 - 202.4
S			120	130	C1512				717	11815		
S			120	186	F12	E			719	11815		S sym 202.4 - 208.6
S			121	100	F12	3						Z sym 208.6 - 210.0
S			121	121	C1512				815	11815		
S			121	182	C1512				818	11815		
S			122	146	C1512				818	11815		
S			123	104	C1512				815	11815		
S			123	165	C1512				711	11815		
S			124	125	C1512				817	11815		
S			124	177	F12	E			812	11815		S sym 210.0 - 247.1
S			125	121	F12	3			814	11815		Z sym 247.1 - 252.1
S			125	103	F12	E			612	11815		S sym 252.1 - 258.3
S			125	144	F12	3						Z sym 258.3 - 259.4
S			126	134	C1512				710	11815		
S			126	166	F12	E						S sym 259.4 - 266.6
S			126	186	F12	3			711	11815		Z sym 266.6 - 268.6
S			127	110	F12	E						S sym 268.6 - 271.0
S			127	161	F12	3			812	11815		Z sym 271.0 - 276.1
S			128	122	C1512				618	11815		
S			128	144	F12	E						S sym 276.1 - 284.4
S			128	199	F12	3			714	11815		Z sym 284.4 - 289.9
S			129	103	F12	S						S sym 289.9 - 290.3
S			129	184	C1512				819	11815		
S			130	160	C1512				812	11815		
S			130	175	F12	3						Z sym 290.3 - 307.5

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Code	From	To	Feature	E S	S <sub>1</sub>		S <sub>2</sub>		Description
					Dip	Direct.	Dip	Direct.	
1	10	14 16	20 22 24 26 28		32	34	38		
S	131124	131124	C/S 12					716/1815	
S	131173	131173	C/S 12					719/1815	
S	131187	131187	F2 E						S sym 307.5 - 318.7
S	132101	132101	F2 3						Z sym 318.7 - 320.1
S	132133	132133	F2 E					713/1815	S sym 320.1 - 323.3
S	132156	132156	F2 3						Z sym 323.3 - 325.6
S	132166	132166	F2 E						S sym 325.6 - 326.6
S	132191	132191	F2 3					810/1815	Z sym 326.6 - 329.1
S	133171	133171	F2 E						S sym 329.1 - 331.1
S	133174	133174	F2 3					816/1815	Z sym 331.1 - 337.4
S	134106	134106	F2 E						S sym 337.4 - 340.6
S	134126	134126	F2 3					814/1815	Z sym 340.6 - 342.6
S	134185	134185	C/S 12					715/1815	
S	135110	135110	F2 E						S sym 342.6 - 351.0
S	135129	135129	F2 3					810/1815	Z sym 351.0 - 352.9
S	135173	135173	C/S 12					718/1815	
S	136266	136266	C/S 12					710/1815	F4 folding
S	136154	136154	F2 E						S sym 352.9 - 365.4
S	136180	136180	F2 3					810/1815	Z sym 365.4 - 368.0
S	137143	137143	C/S 12					516/1815	
S	137161	137161	F2 E						S sym 368.0 - 376.1
S	138104	138104	C/S 12					718/1815	
S	138119	138119	F2 3						Z sym 376.1 - 381.9
S	138167	138167	C/S 12					815/1815	
S	139119	139119	C/S 12					812/1815	
S	139177	139177	C/S 12					712/1815	
S	141018	141018	F2 E						S sym 381.9 - 401.9
S	141029	141029	F2 3					810/1815	Z sym 401.9 - 402.9
S	141093	141093	C/S 12					713/1815	
S	141116	141116	F2 E						S sym 402.9 - 411.6
S	141156	141156	F2 3					810/1815	Z sym 411.6 - 415.6
S	141166	141166	F2 E						S sym 415.6 - 416.6
S	141173	141173	F2 3						Z sym 416.6 - 417.3
S	142107	142107	C/S 12					716/1815	
S	142164	142164	C/S 12					517/1815	
S	143133	143133	F2 E					610/1815	S sym 417.3 - 433.3

Structural Log

Code	From		To		Feature	SYE	S <sub>1</sub>		S <sub>2</sub>		Description	
							Dip	Direct.	Dip	Direct.		
1	10	14	16	20	22	24	26	28	32	34	38	
S					413183	C1S12			615	11815		
S					414125	C1S12			812	11815		
S					414182	F23			717	11815	Z sym 433.3 - 448.2	
S					415135	C1S12			716	11815		
S					415196	C1S12			714	11815		
S					416147	C1S12			316	11815	bx zone	
S					417105	F2S			710	11815		
S					417136	S12			615	11815		
S					417166	S12			618	11815		
S					417180	S12R					R zone in 5D unit	
S					417193	S12S					Dominant S-symmetry	
S					417196	S12			710	11815		
S					418107	S12R					5D, R zone	
S					418113	S12Z			618	11815	Dominant Z-symmetry	
S					418150	S12R					Rock dominated by F4 high angle kinks. Accompanied by fault gouge	
S					418159	S12			710	11815		
S					418166	S12Z						
S					418188	S12			613	11815		
S					418194	S12S						
S					419139	S12M					Lithology at high angle - along core axis. Abundant F3 & F4 folds	
S					419153	S12			515	11815		
S					419180	S12M					Lithology at relatively constant angle to core axis. Mixed S & Z symmetry. Abundant F3 imbrication cluge in this interval. F3 has S symmetry. Dips shallowly opposite to F2.	
S					419183	S12			710	11815		
S					419194	S12R					Abundant F3 core cluge	
S					1510103	S12S			810	11815		
S					1510108	S12Z						
S					1510121	S12S			715	11815		
S					1510130	S123						
S					1510146	S12			815	11815	F4 fold kinks in this area	
S					1510150	S12S						

Code	From		To		Feature	S <sub>1</sub> Dip Direct.	S <sub>2</sub> Dip Direct.	Description		
	10	14	16	20					22	24
S			151063	1512H				S <sub>2</sub> horizontal		
S			151081	1512S			815 11815	F <sub>4</sub> breccia zone runs along 1 side of core		
S			151093	1512Z			715 11815			
S			151113	1512S			710 11815	Minor F <sub>4</sub> and F <sub>3</sub>		
S			151137	R				S <sub>2</sub> much disturbed by F <sub>4</sub> Includes some breccia and gouge zones		
S			151146	1512S			415 11815			
S			151149	1512Z						
S			151183	F <sub>4</sub>				Minor breccia lying disturbed Kink folios		
S			151190	1512			715 11815			
S			151197	F <sub>4</sub>				Breccia along F <sub>4</sub> features - it shallow angle to core axis		
S			151245	1512M			610 11815	Zone of both S and Z symmetry minor folios		
S			151294	1512E			715 11915			
S			151314	1512Z			515 11815			
S			151331	F <sub>4</sub>				Consolidated breccia associated with F <sub>4</sub> fracture		
S			151344	1512S			715 11815			
S			151416	1512Z			915 11915	Dominantly Z-symmetry S-folios are present		
S			151438	1512R			815 11815			
S			151488	F <sub>3</sub>				F <sub>3</sub> core cleage well developed in this area Cleage has S-symmetry		
S			151489	1512			715 11815			
S			151495	1512S						
S			151501	1512			710 11915			
S			151538	1512R			715 11815	Tricubules SD and gouge zones		
S			151546	1512S						
S			151559	1512M				Zone where lying at very acute angle to C.A. Probably caused by F <sub>3</sub> and/or F <sub>4</sub> folding		
S			151585	1512H						
S			151595	1512			315 11815	F <sub>3</sub> core cleage visible		
S			151619	1512S				Dominantly S-symmetry Minor Z-symmetry folios		

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## Structural Log

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Code	From		To		Feature	SVE	S <sub>1</sub>		S <sub>2</sub>		Description	
	10	14	16	20			22	24	26	28		32
S			151612	4	1512	M						Zone with lying at acute angle to core axis Related to F3?
S			151615	3	1512				515	11815		
S			151619	0	F4							Strong fracturing associated with F4
S			151702		F4							Strong fracturing associated with F4
S			151710	8	1512				815	11815		
S			151716	4	1512				715	11815		
S			151811	4	F3							Well developed F3 cren cleage in this region
S			151814	0	1512				715	11815		
S			151815	9	1512	S			810	11815		
S			151816	9	1512	Z						
S			151818	7	1512	S			810	11815		Dominantly S-symmetry
S			151915	1	1512	R			615	11815		Well-developed S2 schistosity Microfollions not present
S			151915	3	1512	S						
S			151915	6	F3							Well developed F3 cleage S symmetry Dips at high angle app to S2
S			151918	2	1512	R						
S			151918	6	1512	Z			610	11815		
S			151919	5	F4							
S			151919	6	1512	R						Well developed S2 schistosity, no microfollions
S			161010	9	1512	S			610	11815		Dominantly S-symmetry
S			161013	2	1512	R						Well developed schistosity, no microfollions
S			161013	5	1512	Z						
S			161013	8	1512	S						Also F4 brittle folding
S			161016	3	1512	R			715	11815		Well developed S2 Minor F3 crenulation cleage
S			161110	8	1512	S			810	11815		Dominantly S-symmetry Abundant F4 kinks and fractures
S			161111	6	1512	R						Well developed S2 schistosity
S			161112	0	1512	Z						
S			161115	0	1512	S			810	11815		Minor F4 kink folds
S			161115	6	1512	R						No microfollions
S			161115	8	1512	Z						
S			161119	0	1512	S						Dominantly S-symmetry

Code	From			To			Feature	S <sub>1</sub> Dip Direct.	S <sub>2</sub>		Description	
	10	14	16	20	22	24			26	28		32
S				161214			1512 Z			715	11815	Dominantly Z-symmetry
S				1612168			1512 S			315	11815	Dominantly S-symmetry locally developed F3 even dips. Seaward F4 brittle kink folds
S				1612180			1512 H					Well developed S2 schistosity
S				1612186			1512 S			810	11815	
S				1613101			1512 S					Minor Z-symmetry folds present
S				1613143			1512 M			810	11815	Zone of mixed Z & S-symmetry near structures. S becomes dominant near bottom (below 632.5 M) Minor F4 present
S				1613187			1512 Z			810	11815	Dominantly Z-symmetry
S				1614103			1512 S					locally developed F3 even dips
S				1614109			F13					lying at acute angle to core axis
S				1614137			1512 R			810	11815	Well developed S2 locally F3 confuses the microfoliation picture
S				1614152			1512 Z					
S				1614177			1512 S			715	11815	Dominantly S-symmetry Z folds are scattered through interval
S				1614181			1512 Z					
S				1615126			1512 S			810	11815	Mainly S-symmetry. Note 3 S2 fold closures. Minor Z-symmetry occurrences
S				1615149			1512 R					Well developed S2 - no microfoliations
S				1615170			1512 Z			710	11815	
S				1615186			1512 R					SD3 unit
S				1615195			1512 S					
S				1616121			1512 R			315	11815	Well-developed S2 schistosity
S				1616122			1512 S					
S				1616146			1512 C					
S				1616147			1512 Z			810	11815	
S				1616157			F14					Brittle kink with minor gouge
S				1616161			1512 R					
S				1616170			F14					Brittle kink with minor gouge
S				1616172			1512 Z			310	11815	
S				1616190			1512 S					Dominant S; minor Z folds

Code	From			To			Feature	E S	S <sub>1</sub>		S <sub>2</sub>		Description
	10	14	16	20	22	24			26	28	Dip	Direct.	
	1												
S				161710	4		1512	Z					
S				161710	5		1512	S					
S				161711	7		1512	R					
S				161712	8		1512	S			815	11815	
S				161713	6		1512	Z					
S				161715	3		1F4						
S				161715	8		1F4				415	11815	
S				161716	0		1512	R					Well developed S <sub>2</sub> , no microlithons
S				161717	7		1512	S					
S				161718	8		1512	R					
S				161718	9		1512	Z					
S				161810	2		1F4				715	11815	Kink folia
S				161810	8		1512	R			715	11815	
S				161811	9		1512	S					
S				161814	6		1512	R			715	11815	
S				161817	6		1512				710	11815	
S				161910	6		1512				515	11815	
S				161913	7		1512				715	11815	
S				161917	8		1512	S			710	11815	
S				161919	8		1512	M					Zone of Sand Z microlithon structures
S				171010	1		1512	E					
S				171011	1		1512	S			715	11815	
S				171012	7		1512	Z					
S				171014	7		1512	S			710	11815	
S				171015	8		1F3						Well developed crenulations cleage
S				171017	6		1512	Z			710	11815	
S				171017	8		1512	S					
S				171018	8		1512	R					Well developed S <sub>2</sub> schistosity
S				171113	5		1512				815	11815	
S				171116	3		1512	S					Minor Z symmetry also present
S				171116	7		1512	Z			810	11815	
S				171119	6		1F3						Well developed F3 cren. cleage
S				171210	4		1512	S					
S				171212	0		1F3						Cren. cleage
S				171213	7		1512	R					
S				171215	1		1512				710	11815	

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Code	From		To		Feature	F <sub>1</sub>	S <sub>1</sub>		S <sub>2</sub>		Description
	10	14 16	20	22 24			26 28	Dip Direct.	Dip Direct.	32 34	
S			1712166		1S12	Z					
S			1712181		1S12	R					
S			1712190		1S12	S			810	11815	
S			1713171		1S12	Z			810	11815	Large Z regions may be partly due to confusing F3 as F2
S			1714100		1F3						
S			1714110		1S12	S			915	11815	Dominantly S symmetry
S			1714135		1S12	R					
S			1714140		1S12	S			715	11815	
S			1714198		1S12				515	11815	lying in band 4G
S			1715153		1S12				715	11815	lying in band 4G
S			1715172		1S12				315	11815	Banding in 5D. Approx 11 contact between 5D and 4K
S			1716155		1S12	R					Massive sulfides. Only vague banding visible. No micro lamination or major visible folds.
S			1716168		1S12				515	11815	S2 - dark bands in 4A4
S			1716196		1S12	M			510	11815	Zone of both S and Z symmetries
S			1717101		1S12	R					Massive sulfide zone.
S			1717108		1S12				610	11815	Contact between 5D & sulfides - 60° lying becomes essentially 11 core axis for 770.8 → 771.4 M
S			1717122		1S12				610	11815	
S			1717134		1F14						Fracturing filled with calcite. Minor gouge present.
S			1717191		1S12	Z			610	11815	Region of consistent Z-symmetry - for entire pelite unit. Is repeat of massive sulfides on S2 fold?
S			1718142		1S12				515	11815	Banding in basitic 4G
S			1718198		1S12				710	11815	Banding in basitic 4G
S			1719137		1S12				710	11815	Banding in 4G
S			1719173		1S12				710	11815	Banding in 4D
S			1810137		1S12				710	11815	Compositional banding
S			1810144		1F3						Poorly developed circulation stage. Less joints fully fractured.
S			1810153		1S12				615	11815	lithology

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Structural Log

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Code	From			To			Feature	SYE	S <sub>1</sub>		S <sub>2</sub>		Description
	10	14	16	20	24	26			28	32	34	38	
S				181138			IS12				310	11815	Pervasive S2 flts
				181176			IS12				710	11815	Pervasive S2 - no micro-lithons
S				1812103			IS12 R						Massive sulfides, 4L sequence, pervasive S2 in gneissic No micro-lithon textures
S				181226			IS12 Z				710	11815	
S				181246			IS12 S				715	11815	Dominantly S-symmetry
S				181274			IS12 M				710	11815	Both Z and S-symmetry in micro-lithons
S				181285			IS12 S						
S				181310			IS12 M				315	11815	Both Z and S symmetry to minor structures
S				181311			F4				310	11815	Strong F4 fold interference from 030.0- 031.9 M. lying at acute angle to CA. Strong kink folds
S				181341			IS12 S				710	11815	Good S-micro-lithons in ribbon banded
S				181397			IS12				615	11815	Good prev. S2 in 4L rocks
S				181458			IS12				510	11815	Again 4L
S				181472			F4						Minor breccia related to F4 defm
S				181511			IS12				515	11815	
S				181541			IS12 R						Pervasive S2 - no micro-lithons, in 4L rocks
S				181542			IS12 M						Vague micro-lithons but S & Z symmetry
S				181565			IS12 Z				710	11815	SD lithology - no micro-lithons
S				181620			IS12 S				715	11815	Scattered micro-lithons in SD & 4L lithologies
S				181677			IS12 R				610	11815	
S				181679			IS12 S						
S				181718			IS12 R				710	11815	
S				181712			IS12 Z						
S				181715			IS12 R				415	11815	4L lithology - no micro-lithons
S				181715			IS12 Z						
S				181719			IS12 S				515	11815	
S				181815			IS12 R				315	11815	Mainly 4L lithology - no micro-lithons
S				181817			F4						Porous Cpy filling F4 fractures
S				181910			IS12 E				515	11815	
S				181911			IS12 Z				515	11815	
S				181912			IS12 S				510	11815	Dominantly S-symmetry
S				191003			IS12 R				610	11815	4L lithology

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           2              8

Structural Log

Logged By: LCP

Code	From		To		Feature	E of	S <sub>1</sub>		S <sub>2</sub>		Description		
	10	14	16	20			22	24	26	28		32	34
S					191012	4	1512	Z					
S					191017	0	1512				710	11815	
S					191019	8	1512	R					Pervasive S2 schistosity - no microlithons
S					191116	6	1512	S			810	11815	
S					191118	8	1F13						Weak crenulation cleage developed
S					191116	9	1512				515	11815	Pervasive S2 schistosity parallel lying
S					191119	1	1512				715	11815	
S					191217	4	1512				715	11815	Pervasive S2 schistosity
S					191219	6	1F14						S2 z lying from folds at acute angle to CA
													No crenulation cleage axial planes to folds
S					191311	4	1512				615	11815	Pervasive S2
S					191410	6	1512				710	11815	Lying subparallel S2
S					191416	7	1512				510	11815	
S					191515	8	1512				615	11815	
S					191612	0	1512				615	11815	Pervasive S2
S					191616	7	1F13						Bristle fold at high angle to CA
S					191619	2	1512				710	11815	
S					191711	1	1512	R			610	11815	Pervasive S2 fine interval No visible microlithons

EOH

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2 8Cyprus Anvil Mining Corp.  
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Logged By: LCP

Sampled By: \_\_\_\_\_

Code	From		To		Sample No.		Description		Recovery
	10	14	16	20	22	27			
P	174121		174126		1111315		4G49	0.5	0.5
P	174126		174133		1111316		4C9	0.7	0.7
P	174156		174177		1111317		4K9	2.1	2.1
P	174177		174197		1111318		4K89	2.0	2.0
	174197		175109		1111319		4G489	1.2	1.2
	175109		175115		1111410		4K8	0.6	0.6
	175115		175130		1111411		4G48	1.0	1.0
	175130		175140		1111412		4K89	1.0	1.0
	175140		175154		1111413		4G483	1.4	1.4
	175154		175172		1111414		4K8	1.8	1.8
	175172		175193		1111415		4K981	1.8	1.8
	175193		176111		1111416		4K981	1.8	1.8
	176111		176121		1111417		4K48	1.0	1.0
	176121		176127		1111418		4G48	0.6	0.6
	176127		176135		1111419		4D87	0.8	0.8
	176135		176155		1111510		4G483	2.0	2.0
	176155		176171		1111511		4A4	1.6	1.6
	176171		176196		1111512		4A4	2.5	2.5
	176196		177101		1111513		4E1	0.5	0.5
	177101		177198		1111514		4E9	0.6	0.6
	177198		178115		1111515		4G43	1.7	1.7
	178115		178130		1111516		4G43	1.5	1.5
	178130		178147		1111517		4G43	1.7	1.7
	178147		178157		1111518		4K46	1.0	1.0
	178157		178172		1111519		4K46	1.5	1.5
	178172		178192		1111610		4K46	1.0	1.0
	178192		179107		1111611		4G43	1.5	1.5
	179107		179123		1111612		4E894	1.6	1.6
	179123		179136		1111613		4E894	1.3	1.3
	179136		179150		1111614		4G483	1.4	1.4
	179150		179162		1111615		4G483	1.0	1.0
	179162		179177		1111616		4D894	1.5	1.5
	179177		179197		1111617		4D7894	2.0	2.0
	179197		180117		1111618		4D7894	2.0	2.0
	180117		180129		1111619		4D7894	1.4	1.2
	180129		180143		111170		4D7894	1.2	1.4

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2 8Cyprus Anvil Mining Corp.  
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Logged By: \_\_\_\_\_

Sampled By: \_\_\_\_\_

Code	From		To		Sample No.	Description	Recovery
	10	14	16	20			
	181043		181052		111213 <sup>6</sup>	4A739	0.9
	181052		181074		11121317	4A739	2.4
	181074		181089		11121318	4L1729	2.5
	181089		181105		1112319	4L1729	1.6
	181105		181122		11121410	4L1729	1.7
	181122		181138		11121411	4L1729	1.6
	111		111		111111		
	181191		181198		11121412	HEO	0.7
	111		111		111111		
	1812193		1813109		11121711	4A0	1.6
	1813109		1813120		11121712	5A9	1.1
	1813120		1813145		11121713	4A0	2.5
	1813145		1813150		11121714	4K4	.5
	1813150		1813169		11121715	4L679	1.9
	1813169		1813187		11121716	4L679	1.8
	111		111		111111		
	1817133		1817152		11121717	4L679	1.9
	1817152		1817171		11121718	4A0	1.9
	1817171		1817188		11121719	4A0	1.7
	1817188		1818102		11121810	4A49	1.4
	1818102		1818119		11121811	4L1489	1.7
	1818119		1818137		11121812	4L14896	1.8
	1818137		1818155		11121813	4L14896	1.8
	1818155		1818175		11121814	5A9	2.0
	1818175		1818194		11121815	5A9	1.9
	1818194		1819111		11121816	5A9	1.7
	1819111		1819125		11121817	5A9	1.4
	1819125		1819134		11121818	4L7419	0.9
	111		111		111111		
	1819140		1819160		11121819	4L7419	2.0
	1819160		1819179		11121910	4L7419	1.9
	1819179		1819197		11121911	4L7419	1.8
	1819197		1910116		11121912	4L7419	1.9
	1910116		1910134		11121913	4L7419	1.8
	111		111		111111		
	111		111		111111		

Date	From		To		Sample No.	Description	Recovery	
	10	14	18	22			27	
	171121	171126	171131	171136	46489	5.5	0.5	14.93
	171126	171131	171136	171141	4649	0.7	0.7	1.68
	171131	171136	171141	171146	4649	2.1	2.1	2.34
	171136	171141	171146	171151	46489	2.0	2.0	7.03
	171141	171146	171151	171156	46489	1.2	1.2	14.22
	171146	171151	171156	171161	46489	0.6	0.6	6.38
	171151	171156	171161	171166	46489	1.0	1.0	13.87
	171161	171166	171171	171176	46489	1.0	1.0	9.43
	171171	171176	171181	171186	46483	1.4	1.4	12.78
	171181	171186	171191	171196	46489	1.8	1.8	2.36
X	171191	171196	171201	171206	46489	1.8	1.8	0.63
	171201	171206	171211	171216	46489	1.8	1.8	1.98
	171211	171216	171221	171226	46489	1.0	1.0	18.85
	171221	171226	171231	171236	46489	0.6	0.6	6.53
	171231	171236	171241	171246	46489	0.8	0.8	5.14
	171241	171246	171251	171256	46489	2.0	2.0	9.82
X	171251	171256	171261	171266	46489	1.6	1.6	28.88
	171261	171266	171271	171276	46489	2.5	2.5	36.0
	171271	171276	171281	171286	46489	2.5	2.5	1.91
	171281	171286	171291	171296	46489	2.5	2.5	5.17
	171291	171296	171301	171306	46489	2.5	2.5	6.94
	171301	171306	171311	171316	46489	2.5	2.5	11.11
	171311	171316	171321	171326	46489	2.5	2.5	14.57
	171321	171326	171331	171336	46489	2.5	2.5	11.86
	171331	171336	171341	171346	46489	1.7	1.7	7.82
	171341	171346	171351	171356	46489	1.5	1.5	7.24
	171351	171356	171361	171366	46489	1.5	1.5	5.00
	171361	171366	171371	171376	46489	1.7	1.7	8.05
	171371	171376	171381	171386	46489	1.0	1.0	2.56
	171381	171386	171391	171396	46489	1.0	1.0	0.81
	171391	171396	171401	171406	46489	1.0	1.0	3.32
	171401	171406	171411	171416	46489	1.0	1.0	2.63
	171411	171416	171421	171426	46489	1.0	1.0	5.95
	171421	171426	171431	171436	46489	1.5	1.5	7.26
	171431	171436	171441	171446	46489	1.5	1.5	8.79
	171441	171446	171451	171456	46489	1.6	1.6	4.80
	171451	171456	171461	171466	46489	1.3	1.3	1.20
	171461	171466	171471	171476	46489	1.4	1.4	6.02
	171471	171476	171481	171486	46489	1.4	1.4	6.27
	171481	171486	171491	171496	46489	1.0	1.0	5.44
	171491	171496	171501	171506	46489	1.0	1.0	5.44
	171501	171506	171511	171516	46489	1.5	1.5	3.23
	171511	171516	171521	171526	46489	2.0	2.0	2.53
	171521	171526	171531	171536	46489	2.0	2.0	2.53
	171531	171536	171541	171546	46489	2.0	2.0	2.53
	171541	171546	171551	171556	46489	2.0	2.0	2.53
	171551	171556	171561	171566	46489	2.0	2.0	2.53
	171561	171566	171571	171576	46489	2.0	2.0	2.53
	171571	171576	171581	171586	46489	2.0	2.0	2.53
	171581	171586	171591	171596	46489	2.0	2.0	2.53
	171591	171596	171601	171606	46489	2.0	2.0	2.53
	171601	171606	171611	171616	46489	2.0	2.0	2.53
	171611	171616	171621	171626	46489	2.0	2.0	2.53
	171621	171626	171631	171636	46489	2.0	2.0	2.53
	171631	171636	171641	171646	46489	2.0	2.0	2.53
	171641	171646	171651	171656	46489	2.0	2.0	2.53
	171651	171656	171661	171666	46489	2.0	2.0	2.53
	171661	171666	171671	171676	46489	2.0	2.0	2.53
	171671	171676	171681	171686	46489	2.0	2.0	2.53
	171681	171686	171691	171696	46489	2.0	2.0	2.53
	171691	171696	171701	171706	46489	2.0	2.0	2.53
	171701	171706	171711	171716	46489	2.0	2.0	2.53
	171711	171716	171721	171726	46489	2.0	2.0	2.53
	171721	171726	171731	171736	46489	2.0	2.0	2.53
	171731	171736	171741	171746	46489	2.0	2.0	2.53
	171741	171746	171751	171756	46489	2.0	2.0	2.53
	171751	171756	171761	171766	46489	2.0	2.0	2.53
	171761	171766	171771	171776	46489	2.0	2.0	2.53
	171771	171776	171781	171786	46489	2.0	2.0	2.53
	171781	171786	171791	171796	46489	2.0	2.0	2.53
	171791	171796	171801	171806	46489	2.0	2.0	2.53
	171801	171806	171811	171816	46489	2.0	2.0	2.53
	171811	171816	171821	171826	46489	2.0	2.0	2.53
	171821	171826	171831	171836	46489	2.0	2.0	2.53
	171831	171836	171841	171846	46489	2.0	2.0	2.53
	171841	171846	171851	171856	46489	2.0	2.0	2.53
	171851	171856	171861	171866	46489	2.0	2.0	2.53
	171861	171866	171871	171876	46489	2.0	2.0	2.53
	171871	171876	171881	171886	46489	2.0	2.0	2.53
	171881	171886	171891	171896	46489	2.0	2.0	2.53
	171891	171896	171901	171906	46489	2.0	2.0	2.53
	171901	171906	171911	171916	46489	2.0	2.0	2.53
	171911	171916	171921	171926	46489	2.0	2.0	2.53
	171921	171926	171931	171936	46489	2.0	2.0	2.53
	171931	171936	171941	171946	46489	2.0	2.0	2.53
	171941	171946	171951	171956	46489	2.0	2.0	2.53
	171951	171956	171961	171966	46489	2.0	2.0	2.53
	171961	171966	171971	171976	46489	2.0	2.0	2.53
	171971	171976	171981	171986	46489	2.0	2.0	2.53
	171981	171986	171991	171996	46489	2.0	2.0	2.53
	171991	171996	172001	172006	46489	2.0	2.0	2.53

10.07  
over  
7.7

016

Pb Zn  
21 .55

.11 .59

.14 .57

.41 1.44

.33 .35

.42 .39

.477 7.44

1.82 2.51

1.91 2.20

1.30 1.93

.82 1.14

.22 .34

1.76 2.34

.57 .70

1.44 .87

3.85 6.89

5.32 7.88

.37 .81

779

10% +

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2 8

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

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Logged By: E.C.H.

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2 8

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

Page \_\_\_\_\_ of \_\_\_\_\_  
Logged By: \_\_\_\_\_  
Sampled By: \_\_\_\_\_

Code	From	To	Sample No.	Description			
10	14	16	20	22	27		
	1810143	1810152	1112138	44729	0.9	0.9	2.13
	1810152	1810174	11121317	44729	2.4	2.4	
	1810174	1810189	11121318	44729	2.5	2.2	0.25
	1810189	181105	11121319	44729	1.6	1.1	0.56
	181105	1811122	11121415	44729	1.7	1.7	1.61
	1811122	1811138	11121411	44729	1.6	1.6	0.34
	1811138	1811191	11121412	950	0.7	0.7	
	1811191	1812193	11121711	44729	1.6	1.5	0.12
	1812193	1812120	11121712	44729	1.1	1.1	0.12
	1812120	1812145	11121713	44729	2.5	2.5	0.53
	1812145	1812156	11121714	44729	5	5	
	1812156	1812169	11121715	44729	1.9	1.9	
	1812169	1812187	11121716	44729	1.8	1.8	
	1812187	1812188	11121717	44729	1.9	1.9	1.1
	1812188	1812189	11121718	44729	1.9	1.9	1.6
	1812189	1812188	11121719	44729	1.7	1.7	0.44
	1812188	1812182	11121810	44729	1.4	1.4	4.15
	1812182	1812181	11121811	44729	1.7	1.7	5.74
	1812181	1812182	11121812	44729	1.8	1.8	6.33
	1812182	1812185	11121813	44729	1.8	1.8	9.76
	1812185	1812185	11121814	44729	2.0	2.0	11.05
	1812185	1812184	11121815	44729	1.9	1.9	1.36
	1812184	1812171	11121816	44729	1.7	1.7	1.11
	1812171	1812185	11121817	44729	1.0	1.0	0.27
	1812185	1812184	11121818	447419	0.9	0.9	
	1812184	1812180	11121819	447419	2.0	2.0	
	1812180	1812189	11121820	447419	1.9	1.9	
	1812189	1812192	11121821	447419	1.8	1.8	
	1812192	1812116	11121822	447419	1.9	1.9	
	1812116	1812184	11121823	447419	1.8	1.8	

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2 8Cyprus Anvil Mining Corp.  
Geochemical Log (Sampler's Copy)

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Logged By: \_\_\_\_\_

Sampled By: \_\_\_\_\_

Code	From	To	Sample No.	Description		
1	10	14	16	20	22	27
						Recovery
	181043	181052	111213	4A739	0.9	0.9
	181052	181074	111213	4A739	2.4	2.4
	181074	181099	111213	4L1729	2.5	2.3
	181099	181105	111239	4L1729	1.6	1.6
	181105	181122	111240	4L1729	1.7	1.7
	181122	181139	111241	4L1729	1.6	1.6
	111	111	111	111		
	181191	181199	111242	4E0	0.7	0.7
	111	111	111	111		
	181293	181309	111271	4A0	1.6	1.6
	181309	181320	111272	5A9	1.1	1.1
	181320	181345	111273	4A0	2.5	2.5
	181345	181350	111274	4K4	.5	.5
	181350	181369	111275	4L679	1.9	1.9
	181369	181387	111276	4L679	1.8	1.8
	111	111	111	111		
	181713	181715	111277	4L679	1.9	1.9
	181715	181717	111278	4A0	1.9	1.9
	181717	181739	111279	4A0	1.7	1.7
	181739	181802	111280	4A49	1.4	1.4
	181802	181819	111281	4L1489	1.7	1.7
	181819	181837	111282	4L1489	1.8	1.8
	181837	181855	111283	4L1489	1.8	1.8
	181855	181875	111284	5A9	2.0	2.0
	181875	181894	111285	5A9	1.9	1.9
	181894	181911	111286	5A9	1.7	1.7
	181911	181912	111287	5A9	1.4	1.4
	181912	181913	111288	4L7419	0.9	0.9
	111	111	111	111		
	181914	181916	111289	4L7419	2.0	2.0
	181916	181917	111290	4L7419	1.9	1.9
	181917	181919	111291	4L7419	1.8	1.8
	181919	191016	111292	4L7419	1.9	1.9
	191016	191013	111293	4L7419	1.8	1.8
	111	111	111	111		
	111	111	111	111		

79-X-12

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 79-X-12

Fabric Orientation Diagram:

Project: DY

Location: VANGORDA PLATEAU.

Claim: DY

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

\_\_\_\_\_ E

Grid Co-ords.: L 12 + 00 E

150 S

Elevation: \_\_\_\_\_

Total Depth: 889.1 m

Purpose: Encounter Basaltic Zone of 79-X-06.

Logged by: BVH

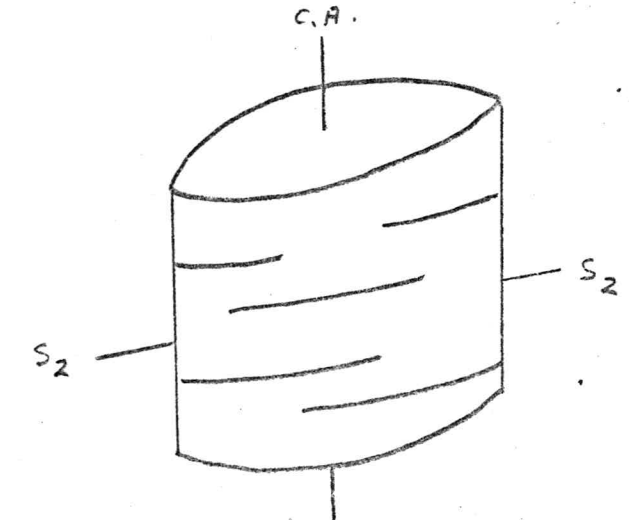
Date(s) Logged: Aug 8 - Aug 23, 1979

Drilling Contractor: ARCTIC

Core: Size From To Collar Cased and Capped: No

NQ 19.0 889.1

\_\_\_\_\_  
\_\_\_\_\_



All symmetry determinations looking

NW with S2 dipping

SW with dip azimuth 185.

Started: July 29, 1979 Completed: Aug 23, 1979





Lithologic Log

Code	From	To	Unit	Code	Description
	10 14 16 20	22 23 25 27			
L	110100	111190	11	#	O/B No core
L	111190	112161	12	SIB16	
L	112161	112181	13	SIB10	py only
L	112181	112192	14	SIB10	zone of gouge and broken core
L	112192	113108	15	SIB10	
L	113108	113157	16	SIB16	py only
L	113157	114119	17	SIB10	py only
L	114119	114122	18	SIB10	gouge zone
L	114122	114174	19	SIB10	py only
L	114174	115102	10	SIB16	py only
L	115102	115154	11	SIB10	py only
L	115154	115169	112	SIB10	gouge zone
L	115169	115183	113	SIB10	py only
L	115183	116135	114	SIB16	py only
L	116135	116157	115	SIB16	gouge zone
L	116157	116176	116	SIB16	
L	116176	116195	117	SIB14	rock closely resembles SB in texture but
	111	111	11	11	is composed almost entirely of
	111	111	11	11	sericite, contact is gradational
	111	111	11	11	may be a burial metamorphic
	111	111	11	11	effect, no visible mineralization
L	116195	117113	118	SIB16	py only
L	117113	117125	119	SIB14	
L	117125	117138	210	SIB13	py only
L	117138	118172	211	SIB10	
L	118172	118175	212	01A7	<sup>OF22</sup> contact discordant, not folioform
L	118175	118183	213	01A2	
L	118183	119100	214	01D18	-OD22, visible H6 grains, small diffuse
	111	111	11	11	contact zone ~ 0.02 m wide.
L	119100	119177	215	01F12	
L	119177	119191	216	01F19	-OF92 plug in phenocrysts and matrix
	111	111	11	11	altered to kaolinite.
L	119191	120116	217	01D12	-OD27 contact similar to #24
L	120116	120121	218	01F12	-OF29 plug in phenocrysts and matrix
	111	111	11	11	altered to kaolinite
L	120121	120137	219	01F19	-no phenocrysts

DDH 79-X-12  
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## Cyprus Anvil Mining Corp.

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## Lithologic Log

Logged By: BvH

Litho Code	From		To		Unit		Code		Description
	10	14	16	20	22	23	25	27	
L	121013	7	121014	5	310		S1B16		
L	121014	5	121016	7	311		S1D14		
L	121016	7	121018	8	312		S1B16		contact gradational with #31
L	121018	8	121111	2	313		S1B17		py only
L	121111	2	121113	0	314		S1D10		
L	121113	0	121113	5	315		S1D14		
L	121113	5	121114	0	316		S1D10		
L	121114	0	121117	0	317		S1B16		
L	121117	0	121118	1	318		S1B10		py > po
L	121118	1	121118	8	319		S1D13		py only
L	121118	8	121119	1	410		S1B12		-SB26 py only
L	121119	1	121211	2	411		S1D10		py only
L	121211	2	121220	0	412		S1B12		-SB26 py only
L	121220	0	121223	3	413		S1D13		py only
L	121223	3	121245	5	414		S1D14		-SD43
L	121245	5	121246	6	415		S1B17		-SB73
L	121246	6	121318	5	416		S1D13		py only
L	121318	5	121411	4	417		S1D10		py only
L	121411	4	121414	1	418		S1D13		
L	121414	1	121419	0	419		S1C13		-amygdaloidal 248.2 - 249.0
L	121419	0	121611	2	510		S1D13		py only
L	121611	2	121618	8	511		S1B17		-SB73, very chloritic almost SD py > po
L	121618	8	121710	9	512		S1B10		py > po from 322.2 py > po (po mostly py)
L	121710	9	121711	9	513		S1B10		post D2 breccia zone, clasts angular.
L	121711	9	131317	0	514		S1B10		po > py
L	131317	0	131318	6	515		S1A13		po > py
L	131318	6	131414	3	516		S1B10		py = po
L	131414	3	131416	2	517		S1B17		-SB73 po only
L	131416	2	131512	5	518		S1B10		po only
L	131512	5	131513	9	519		S1B17		-SB73
L	131513	9	131518	3	610		S1B10		po only
L	131518	3	131611	0	611		S1B16		py = po
L	131611	0	131612	3	612		S1B17		-SB73
L	131612	3	131911	5	613		S1B10		po > py
L	131911	5	131915	4	614		S1D13		
L	131915	4	141010	3	615		S1B17		-SB73 po > py

DDH 79-X-12  
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## Lithologic Log

Logged By: BYH

Code	From		To		Unit		Code		Description
	10	14	16	20	22	23	25	27	
L	141010	3	141014	1	616	S1B12			-SB23 po & py
L	141014	1	141018	0	617	S1D13			
L	141018	0	141116	0	618	S1D10			"Leopard rock"
L	141116	0	141117	1	619	S1D13			
L	141117	1	141118	1	710	S1D10			"Leopard rock"
L	141118	1	141118	9	711	S1D13			po only
L	141118	9	141211	1	712	S1D10			
L	141211	1	141217	7	713	S1D13			po only
L	141217	7	141312	7	714	S1B10			
L	141312	7	141315	7	715	S1D13			po only
L	141315	7	141410	5	716	S1D10			po only
L	141410	5	141411	4	717	S1D13			
L	141411	4	141412	5	718	S1D10			
L	141412	5	141414	1	719	S1D13			
L	141414	1	141416	5	810	S1D10			
L	141416	5	141510	1	811	S1D13			
L	141510	1	141611	7	812	S1D10			
L	141611	7	141619	5	813	S1D13			"Leopard Rock"
L	141619	5	151013	7	814	S1B10			po & py gauge zone 493.3 - 493.6
L	151013	7	151015	0	815	S1D15			-SDS6 pale colour, very siliceous.
L	151015	0	151016	9	816	S1D10			
L	151016	9	151017	7	817	S1B16			po only
L	151017	7	151111	1	818	S1B10			
L	151111	1	151111	9	819	S1D15			-SDS3 similar in appearance to #85
L	151111	9	151114	4	910	S1D15			-SDS6 similar in appearance to #85
L	151114	4	151210	5	911	S1D10			po only
L	151210	5	151212	3	912	S1D15			-SDS6 similar in appearance to #85
L	151212	3	151511	6	913	S1B10			gauge zone 542.0 - 542.9 po only
L	151511	6	151513	1	914	S1B16			po only
L	151513	1	151514	5	915	S1B10			po only
L	151514	5	151618	6	916	S1B16			po only
L	151618	6	151744	4	917	S1B10			po only
L	151744	4	151715	2	918	S1B16			po only
L	151715	2	151811	1	919	S1B10			po only
L	151811	1	151911	8	010	S1A10			po only
L	151911	8	161011	7	011	S1B10			po only

Lithologic Log

Code	From	To	Unit	Code	Description
1	10	14 16	20	22 23 25 27	
L	161011	7 161017	9	012 51A10	po only
L	161017	9 161019	3	014 51A10	gauge zone
L	161019	3 161151	05	51A13	po only
L	161151	161118	9	016 51A10	po == py
L	161118	9 161313	4	017 51A13	po only
L	161313	4 161318	3	018 51A10	po only
L	161318	3 161319	4	019 51D13	
L	161319	4 161414	8	110 51B16	po only
L	161414	8 161419	5	111 51A10	po only
L	161419	5 161517	1	112 51B16	po only
L	161517	1 161517	8	113 51B12	-SB23 po only
L	161517	8 161619	0	114 51B12	-SB26 po only
L	161619	0 161711	6	115 51A10	po only
L	161711	6 161712	6	116 51B12	-SB23 po only
L	161712	6 161812	8	117 51B16	soft rock cleft present, po only <sup>pic F2</sup> bx zone
L	161812	8 161813	1	118 41H10	
L	161813	1 161817	9	119 41L10	
L	161817	9 161819	7	210 51B16	po only
L	161819	7 161913	5	211 41L19	small py band on the hanging wall
L	161913	5 161914	2	212 51B12	-SB26 po only
L	161914	2 161918	2	213 41L15	
L	161918	2 171010	4	214 41L17	
L	171010	4 171010	7	215 51B12	-SB26 po only
L	171010	7 171014	1	216 51D10	
L	171014	1 171015	7	217 51B17	-SB76 po only
L	171015	7 171111	1	218 51B16	-small galena band 705.7 po only
L	171111	1 171112	7	219 41L10	
L	171112	7 171114	0	310 41L16	
L	171114	0 171118	4	311 41L17	
L	171118	4 171119	9	312 51B12	-SB26 po only
L	171119	9 171211	9	313 41L10	
L	171211	9 171213	4	314 41L12	-4L24 py occurring in bands, sph
	111	111	1	111	increases in content toward the
	111	111	1	111	footwall
L	171213	4 171213	8	315 41L11	-4L142 minor py bands with sph
	111	111	1	111	toward the footwall

Lithologic Log

Code	From		To		Unit		Code	Description
	10	14	16	20	22	23		
L	171213	8	171214	4	316	41E11		~ 80% py, matrix consists of silica, and barite, minor bands of sph increasing toward the footwall. ~ 4% combined.
L	171214	4	171215	0	317	41G14		- 4G48 ~ 11-15% combined, matrix calcareous
L	171215	0	171215	3	318	41D14		- 4D48 ~ 7-8% combined
L	171215	3	171219	0	319	41C14		- 4C48 ~ 11-15% combined, matrix calcareous, not as magnetic as 79-x-06, mag appears to be confined to the P6/2u bands.
L	171219	0	171219	7	410	41C14		- 4C47B py increasing toward the footwall, matrix calcareous ~ 13% combined
L	171219	7	171310	0	411	41G10		massive base metal barren barite
L	171310	0	171313	5	412	41C14		- 4C48 matrix calcareous 731.6 - 733.5 ~ 15-18% combined. pyrrhotitic toward the footwall.
L	171313	5	171313	8	413	41D10		siliceous section containing bands of sph/gal.
L	171313	8	171315	0	414	41C14		- 4C47B ~ 15-20% combined, matrix calcareous.
L	171315	0	171316	1	415	41E18		- 4E879 cpy associated with the mag. ~ 2-4% combined
L	171316	1	171316	7	416	41C14		~ 10% combined ~ 10-12% combined
L	171316	7	171317	3	417	41C11		mostly quartz lesser bands of barite, minor bands of py-sph-gal grade very poor.
L	171317	3	171317	7	418	41E14		sph-gal bands toward the footwall
L	171317	7	171318	8	419	41K11		Very siliceous, little sulphide content, carbonate bands and nodules
L	171318	8	171413	1	510	41C10		minor carbonate in the matrix minor bands of sph-gal-mag
L	171413	1	171416	0	511	41C17		- 4C79 still many pyritic, cpy occupying tension gashes.
L	171416	0	171417	0	512	41C18		minor mag bands
L	171417	0	171419	5	513	41H19		minor bands of sph-gal,
L	171419	5	171510	0	514	41E10		

## Lithologic Log

Logged By: BVH

Code	From	To	Unit	Code	Description
I	10 14 16	20 22 23 25 27			
L	17510 0	17510 8	55	41G0	calcareous Matrix - ~15% combined.
L	17510 8	17511 4	516	41A10	~15
L	17511 4	17514 9	517	41E18	mag occurs as disseminated grains
L	17514 9	17515 5	518	41L10	
L	17515 5	17515 8	519	51A13	very calcareous.
L	17515 8	171612 1	610	51B16	minor po blebs; appears to be a faintly altered SB6.
	1 1 1	1 1 1	1	1 1	
L	171612 1	171613 6	611	41L17	
L	171613 6	171614 1	612	41A10	
L	171614 1	171614 5	613	41E10	
L	171614 5	171615 5	614	41E14	~5% combined, mag occurring in bands
L	171615 5	171616 2	615	41A10	
L	171616 2	171617 2	616	41E14	-4648
L	171617 2	171617 7	617	41L14	consists of massive sph-gal and chlorite
	1 1 1	1 1 1	1	1 1	base metal bands up to 0.1m.
L	171617 7	171619 3	618	41A10	minor po.
L	171619 3	171711 8	619	41L17	some bands are carbonaceous,
	1 1 1	1 1 1	1	1 1	appears to an altered version of SB
	1 1 1	1 1 1	1	1 1	and SA.
L	171711 8	171712 1	710	41D14	
L	171712 1	171713 2	711	41E18	mag occurs as diss grains
L	171713 2	171718 0	712	41L16	-4667 faintly altered, po banded.
L	171718 0	171719 9	713	41L13	-4637
L	171719 9	171811 5	714	41L16	-4667 faintly altered, po banded.
L	171811 5	171812 6	715	41L16	-4662 py banded, faintly altered.
L	171812 6	181214 5	716	41L16	-4667 faintly altered, po banded
L	181214 5	181216 1	717	41L17	
L	181216 1	181218 9	718	41A19	diss cpy, occupying tension gashes.
L	181218 9	181311 0	719	41L17	
L	181311 0	181317 7	810	41A10	minor sph-gal
L	181317 7	181518 1	811	51A10	minor po and cpy
L	181518 1	181519 4	812	41C17	interbanded po, py and qtz, po increasing toward the footwall
	1 1 1	1 1 1	1	1 1	
L	181519 4	181519 8	813	51A18	gauge zone.
L	181519 8	181611 7	814	51A18	
L	181611 7	181612 2	815	3,810	appears altered, possibly due to burial



Structural Log

Logged By: BV 14

115  
214  
DDH 79-X-12  
2 8

Code	From				To				Feature	E/S	S <sub>1</sub>		S <sub>2</sub>		Description
	10	14	16	20	22	24	26	28			32	34	Dip	Direct.	
S				1190											01B NO covc
S				1192	CF12							S10	11815		F <sub>4</sub> structure
S				12128	IF2	E									S sym 19.0 - 22.8
S				12171	CF2							619	11815		
S				13120	CF12							814	11815		
S				13174		Z						815	11815		Z sym 22.8 - 37.4
S				14134	CF12							713	11815		
S				14182		X						713	11815		
S				15145	IF2	Z						816	11815		S sym 37.4 - 54.5
S				16118	IF2	Z						814	11815		Z sym 54.5 - 61.8
S				16176	IF2	E						791	11815		S sym 61.8 - 67.6
S				17105	IF2	Z									Z sym 67.6 - 70.5
S				17150	CF12							816	11815		
S				17198	IF2	E						811	11815		S sym 70.5 - 79.8
S				18141	IF2							815	11815		
S				1895	IF2	Z						815	11815		Z sym 79.8 - 89.5, F <sub>4</sub> structure
S				1954	IF2	E						811	11815		S sym 89.5 - 95.4
S				19169	IF2	Z									Z sym 95.4 - 96.9
S				11020	IF2	E									S sym 96.9 - 102.0
S				110138	IF2	Z						719	11815		Z sym 102.0 - 103.8
S				110188	CF12							715	11815		
S				111149	IF2	E						819	11815		S sym 103.8 - 114.9
S				111159	IF2	Z									Z sym 114.9 - 115.9
S				111181	IF2	E						715	11815		S sym 115.9 - 118.1
S				111194	IF2	Z									Z sym 118.1 - 119.4
S				112128	IF2	E						810	11815		S sym 119.4 - 122.8
S				112156	IF2	Z									Z sym 122.8 - 125.6
S				112180	IF2	E						815	11815		S sym 125.6 - 128.0
S				112196	IF2	Z									Z sym 128.0 - 129.6
S				113132	CF12							815	11815		
S				113162	CF12							613	11815		
S				114100	CF12							812	11815		
S				114148	IF2	E									S sym 129.6 - 144.8
S				114157	IF2	Z						713	11815		Z sym 144.8 - 145.7
S				115101	IF2	E						613	11815		S sym 145.7 - 150.1, F <sub>4</sub> structure
S				115128	IF2	Z									Z sym 150.1 - 152.8

Structural Log

Code	From				To				Feature	E S <sub>1</sub>	S <sub>1</sub>		S <sub>2</sub>		Description
	10	14	16	20	22	24	26	28			Dip	Direct.	Dip	Direct.	
S				115	140	IF2	Σ					810	11815	S sym 152.8 - 154.0	
S				115	162	IF2	3							Z sym 154.0 - 156.2	
S				116	106	CIS	2					710	11815		
S				116	138	IF2	Σ							S sym 156.2 - 163.8	
S				116	176	IF2	3					616	11815	Z sym 163.8 - 167.6	
S				116	197	IF2	Σ							S sym 167.6 - 169.7	
S				117	110	IF2	3							Z sym 169.7 - 171.0	
S				117	128	CIS	2					715	11815		
S				117	158	IF2	Σ							S sym 171.0 - 175.8	
S				117	173	IF2	3					810	11815	Z sym 175.8 - 177.3	
S				118	119	CIS	2					818	11815		
S				118	150	IF2	Σ							S sym 177.3 - 185.0	
S				118	164	IF2	3							Z sym 185.0 - 186.4	
S				118	175	IF2	Σ					810	11815	S sym 186.4 - 187.5	
S				120	140	CIS	2					713	11815	Dyke 187.5 - 204.0	
S				121	109	IF2	Σ					715	11815	S sym 204.0 - 210.9	
S				121	142		R							R zone 210.9 - 214.2	
S				121	175	IF2	Σ					811	11815	S sym 214.2 - 217.5	
S				121	212	IF2	3					817	11815	Z sym 217.5 - 221.2	
S				121	217	CIS	2					615	11815		
S				121	318	CIS	2					811	11815		
S				121	315	IF2	Σ							S sym 221.2 - 235.7	
S				123	188	IF2	3					812	11815	Z sym 235.7 - 238.8	
S				124	130	CIS	2					815	11815		
S				124	180	CIS	2					519	11815		
S				124	312	CIS	2					810	11815		
S				125	159	IF2	Σ							S sym 238.8 - 255.9	
S				125	187	IF2	M							M zone 255.9 - 258.7	
S				126	108	IF2	Σ					814	11815	S sym 258.7 - 260.8	
S				126	133	IF2	3							Z sym 260.8 - 263.3	
S				126	146	IF2	Σ							S sym 263.3 - 264.6	
S				126	161	IF2	3					615	11815	Z sym 264.6 - 266.1	
S				126	176	IF2	Σ							S sym 266.1 - 267.6	
S				126	188	IF2	3							Z sym 267.6 - 268.8	
S				127	03	CIS	2					814	11815		
S				127	04	CIS	2					810	11815		

## Structural Log

Code	From		To		Feature	E/S	S <sub>1</sub>		S <sub>2</sub>		Description		
	10	14	16	20			Dip	Direct.	Dip	Direct.			
	1	10	14	16	20	22	24	26	28	32	34	38	
S				12718	9	IF2	Σ						S sym 268.8 - 278.9
S				121810	2	IF2	3						Z sym 278.9 - 280.2
S				121813	4	IF2	Σ			716	11815		S sym 280.2 - 283.4
S				121815	4	IF2	3						Z sym 283.4 - 285.4
S				121818	6	CIS	12			816	11815		
S				121819	9	IF2	Σ						S sym 285.4 - 289.9
S				121912	2	IF2	3			813	11815		Z sym 289.9 - 292.2
S				121916	3	IF2	Σ						S sym 292.2 - 296.3
S				121918	3	IF2	3			810	11815		Z sym 296.3 - 298.3
S				130113	9	CIS	12			711	11815		
S				13110	0	CIS	12			713	11815		
S				131116	1	CIS	12			817	11815		
S				13119	0	IF2	Σ						S sym 298.3 - 319.0
S				131211	0	IF2	3			810	11815		Z sym 319.0 - 321.0
S				131215	3	CIS	12			712	11815		
S				131218	9	IF2	Σ			716	11815		S sym 321.0 - 328.9
S				131312	4	IF2	3						Z sym 328.9 - 332.4
S				131314	6	IF2	Σ			811	11815		S sym 332.4 - 334.6
S				131317	5	IF2	3						Z sym 334.6 - 337.5
S				131410	3	CIS	12			811	11815		
S				131412	2	IF2	Σ						S sym 337.5 - 342.2
S				131413	3	IF2	3			818	11815		Z sym 342.2 - 345.3
S				131416	6	IF2	Σ						S sym 345.3 - 346.6
S				131419	2	CIS	12			715	11815		
S				131514	6	IF2	3			812	11815		Z sym 346.6 - 354.6
S				131519	7	CIS	12			810	11815		
S				131614	2	CIS	12			818	11815		
S				131710	5	CIS	12			715	11815		
S				131716	7	CIS	12			718	11815		
S				131813	4	IF2	Σ			810	11815		S sym 354.6 - 383.4
S				131815	5	IF2	3						Z sym 383.4 - 385.5
S				131816	6	IF2	Σ						S sym 385.5 - 386.6
S				131910	0	IF2	3			710	11815		Z sym 386.6 - 390.0
S				131915	3	CIS	12			713	11815		
S				141011	4	CIS	12			810	11815		
S				141015	3	IF2	Σ						S sym 390.0 - 405.3

## Structural Log

Logged By: BVM

Code	From				To				Feature	E Sy.	S <sub>1</sub>		S <sub>2</sub>		Description
	10	14	16	20	22	24	26	28			Dip	Direct.	Dip	Direct.	
S				171017	S	C1512						715	11815		
S				171019	S			R						R zone	405.3 - 409.5
S				141136	S	C1512						810	11815		
S				141149		F12E								S sym	409.5 - 414.9
S				141178		F123						817	11815	Z sym	414.9 - 417.8
S				141212	S	C1512						710	11815		
S				141215	S	F12E								S sym	417.8 - 425.2
S				141217	S	F123						519	11815	Z sym	425.2 - 427.3
S				141312	S	F12E						715	11815	S sym	427.3 - 432.3
S				141316	S	F123						710	11815	Z sym	432.3 - 436.9
S				141411	S	C1512						717	11815		
S				141418	S	F12S						816	11815	S sym	436.9 - 446.8
S				141514				R				717	11815	R zone	446.8 - 454.0
S				141519	S	C1512						810	11815		
S				141615	S	C1512						810	11815		
S				141712	S	F12E								S sym	454.0 - 472.8
S				141714	S	F123								Z sym	472.8 - 474.1
S				141717	S	C1512						719	11815		
S				141811	S	F12E								S sym	474.1 - 481.3
S				141812	S	F123						810	11815	Z sym	481.3 - 482.7
S				141818	S	F12E						817	11815	S sym	482.7 - 486.8
S				141910	S	F123								Z sym	486.8 - 490.5
S				141912	S	F12E						717	11815	S sym	490.5 - 492.0
S				141917	S	F123						815	11815	Z sym	492.0 - 497.8
S				151010	S	F12S								S sym	497.8 - 500.4
S				151016	S	F12M								M zone	500.4 - 501.6
S				151012	S	F12E						811	11815	S sym	501.6 - 502.7
S				151018	S	C1512						810	11815		
S				151115	S	F123						818	11815	Z sym	502.7 - 515.7
S				151210	S	C1512						810	11815		
S				151214	S	F12E								S sym	515.7 - 524.1
S				151218	S	F123						816	11815	Z sym	524.1 - 524.8
S				151219	S	F12E						810	11815	S sym	524.8 - 529.7
S				151310	S	F123								Z sym	529.7 - 530.5
S				151313	S	F12E								S sym	530.5 - 533.0
S				151315	S	F123						810	11815	Z sym	533.0 - 535.0

DDH 2,9-X-1,3  
2 8

Cyprus Anvil Mining Corp.  
Structural Log

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Logged By: B.V.H.

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.	
S			15410		CIS12			619	11815		
S			154165		CIS12			810	11815		
S			155135		CIS12			711	11815		
S			15545		IF2Σ						S sym 535.0 - 554.5
S			15572		IF23						Z sym 554.5 - 557.2
S			15620		IF2Σ			519	11815		S sym 557.2 - 562.0
S			156184		CIS12			714	11815		
S			15733		IF23						Z sym 562.0 - 573.3
S			157194		CIS12			719	11815		
S			158153		IF2Σ						S sym 573.5 - 585.3
S			158186		IF23						Z sym 585.3 - 588.6
S			159146		CIS12			716	11815		
S			159197		CIS12			811	11815		
S			16043		IF2Σ						S sym 588.6 - 604.3
S			160164		IF23			810	11815		Z sym 604.3 - 606.4
S			160183		IF2Σ						S sym 606.4 - 608.3
S			161125		CIS12			719	11815		
S			161197		IF23						Z sym 608.3 - 619.7
S			162128		IF2Σ			811	11815		S sym 619.7 - 622.8
S			162161		IF23						Z sym 622.8 - 626.1
S			162197		CIS12			815	11815		
S			163119		IF2Σ						S sym 626.1 - 631.9
S			163130		IF23						Z sym 631.9 - 633.0
S			163153		IF2Σ			813	11815		S sym 633.0 - 635.3
S			163199		IF23			719	11815		Z sym 635.3 - 639.9
S			164152		CIS12			813	11815		F <sub>4</sub> folding
S			165109		IF2Σ						S sym 639.9 - 650.9
S			165113		CIS12			811	11815		
S			165133		IF23						Z sym 650.9 - 653.3
S			165174		CIS12			810	11815		
S			166135		CIS12			710	11815		
S			166182		CIS12			477	11815		
S			167118		IF2Σ						S sym 653.3 - 671.8
S			167157		IF23			613	11815		Z sym 671.8 - 675.7
S			167179		IF2Σ						S sym 675.7 - 677.9
S			168126		IF23			410	11815		Z sym 677.9 - 682.6, breccia zone

DDH 7.9-X-1.2  
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Cyprus Anvil Mining Corp.

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## Structural Log

Logged By: BXH

Core	From		To		Feature	E SY	S <sub>1</sub>		S <sub>2</sub>		Description
	10	14	16	20			Dip	Direct.	Dip	Direct.	
	22	24	26	28	32	34	38				
S			161816	5	1F2	E					S sym 682.6 - 686.5
S			161818	1	1F2	3			610	11815	Z sym 686.5 - 688.1
S			161913	6	1F2	E			713	11815	S sym 6881 - 693.6
S			171010	0	C1S12				815	11815	
S			171011	7	1F2	3					Z sym 693.6 - 701.7
S			171013	9	1F2	E					S sym 701.7 - 703.9
S			171016	2	C1S12				717	11815	
S			171112	3	C1S12				810	11815	
S			171118	8	C1S12				813	11815	
S			171213	3	1F2	3			618	11815	Z sym 703.9 - 723.3
S			171310	6	C1S12				712	11815	
S			171316	7	C1S12				814	11815	
S			171412	8	C1S12				518	11815	
S			171417	4	1F2	E			614	11815	S sym 723.3 - 747.4
S			171511	9	C1S12				815	11815	
S			171518	6	1F2	3			417	11815	Z sym 747.4 - 756.6
S			171614	4	C1S12				714	11815	
S			171710	0	C1S12				714	11815	
S			171716	3	C1S12				815	11815	
S			171718	2	1F2	E					S sym 756.6 - 778.2
S			171719	7	1F2	3					Z sym 778.2 - 779.7
S			171815	2	1F2	E			813	11815	S sym 779.7 - 785.2
S			171816	9	1F2	3					Z sym 785.2 - 786.9
S			171911	5	C1S12				818	11815	
S			171913	0	1F2	E					S sym 786.9 - 793.0
S			171914	2	1F2	3					Z sym 793.0 - 794.2
S			171918	1	1F2	E			817	11815	S sym 794.2 - 798.1
S			181010	0	1F2	3					Z sym 798.1 - 800.0
S			181013	7	C1S12				710	11815	
S			181014	7	1F2	E					S sym 800.0 - 804.7
S			181017	1	1F2	3			814	11815	Z sym 804.7 - 807.1
S			181018	2	1F2	E					S sym 807.1 - 808.2
S			181112	9	C1S12				819	11815	
S			181117	9	C1S12				718	11815	
S			181213	8	C1S12				714	11815	
S			181310	8	C1S12				715	11815	



DDH Z9-X-12  
2 8

Cyprus Anvil Mining Corp.  
Geochemical Log (Sarr., ter's Copy)

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Logged By: BVH  
Sampled By: KM

Code	From		To		Sample No.		Description
	10	14	16	20	22	27	
P	17213	8	17214	4	1112101	0.6	4E1 0.6
P	17214	4	17215	0	1112102	0.6	4G4 0.6
P	17215	0	17217	0	1112103	2.0	4D4/4G4B 2.0
P	17217	0	17219	0	1112104	2.0	4G4B 1.6
P	17219	0	17310	0	1112105	1.0	4G4/4G0 1.0
P	17310	3	17312	3	1112106	2.0	4G4B 2.0
P	17312	3	17313	5	1112107	1.2	4G4B 1.2
P	17313	5	17315	0	1112108	1.5	4D0/4G4 1.5
P	17315	0	17316	1	1112109	1.1	4E879 1.1
P	17316	1	17317	3	1112110	1.2	4G4/4G1 1.2
P	17317	3	17317	7	1112111	0.4	4E4 0.4
P	17317	7	17318	8	1112112	1.1	4K1 1.1
P	17318	8	17410	8	1112113	2.0	4C0 2.0
P	17410	8	17413	1	1112114	2.3	4C0 2.3
P	17413	1	17415	1	1112115	2.0	4C79 2.0
P	17415	1	17416	0	1112116	0.9	4C79 0.9
P	17416	0	17417	0	1112117	1.0	4C8 1.0
P	17417	0	17419	5	1112118	2.5	4A9 2.5
P	17419	5	17510	0	1112119	0.5	4E0 0.5
P	17510	0	17510	8	1112120	0.8	4G0 0.8
P	17510	8	17511	4	1112121	0.6	4A0 0.6
P	17511	4	17513	4	1112122	2.0	4E8 1.8
P	17513	4	17514	9	1112123	1.5	4E8 1.5
	111		111		11111		
P	17613	6	17614	1	1112124	0.5	4A0 0.5
P	17614	1	17614	5	1112125	0.4	4E0 0.4
P	17614	5	17615	5	1112126	1.0	4G4 1.0
P	17615	5	17616	2	1112127	0.7	4A0 0.7
P	17616	2	17617	2	1112128	1.0	4G4B 1.0
P	17617	2	17619	3	1112129	2.1	4L4/4A0 2.1
P	17619	3	17711	8	1112130	2.6	4L7 2.6
P	17711	8	17712	1	1112131	0.3	4D4 0.3
P	17712	1	17713	2	1112132	1.1	4E8 1.1
	111		111		11111		
P	18311	0	18313	0	1112133	2.0	4A0 2.0
P	18313	0	18315	0	1112134	2.0	4A0 2.0



No.	From		To		Sample No.		Description	
	10	14	18	22				
P	17213	8	17214	4	11/2101	0.6	4E1	0.6
P	17214	4	17215	0	11/2102	0.6	4G4	0.6
P	17215	0	17217	0	11/2103	2.0	4D4/4G4B	2.0
P	17217	0	17219	0	11/2104	2.0	4G4B	1.6
P	17219	0	17210	0	11/2105	1.0	4E4/4G0	1.0
P	17310	3	17312	3	11/2106	2.0 X	4G4B	2.0
P	17312	3	17313	5	11/2107	1.2	4G4B	1.2
P	17313	5	17315	0	11/2108	1.5	4D0/4G4	1.5
P	17315	0	17316	1	11/2109	1.1	4E879	1.1
P	17316	1	17317	3	11/2110	1.2	4G4/4E-1	1.2
P	17317	3	17317	7	11/2111	0.4	4E4	0.4
P	17317	7	17318	8	11/2112	1.1	4K1	1.1
P	17318	8	17410	8	11/2113	2.0	4C0	2.0
P	17410	8	17411	1	11/2114	2.3	4C0	2.3
P	17411	1	17411	5	11/2115	2.0	4C79	2.0
P	17415	1	17416	0	11/2116	0.9	4C79	0.9
P	17416	0	17417	0	11/2117	1.0	4C B	1.0
P	17417	0	17419	5	11/2118	2.5	4A9	2.5
P	17419	5	17510	0	11/2119	0.5	4E0	0.5
P	17510	0	17510	8	11/2120	0.8	4G0	0.8
P	17510	8	17511	4	11/2121	0.6	4A0	0.6
P	17511	4	17513	4	11/2122	2.0	4EB	1.5
P	17513	4	17514	9	11/2123	1.5	4EB	1.5
	111		111		11111			
P	17613	6	17614	1	11/2124	0.5	4A0	0.5
P	17614	1	17614	5	11/2125	0.4	4E0	0.4
P	17614	5	17615	5	11/2126	1.0	4G4	1.0
P	17615	5	17616	2	11/2127	0.7	4A0	0.7
P	17616	2	17617	2	11/2128	1.0	4G4B	1.0
P	17617	2	17619	3	11/2129	2.1	4L4/4A0	2.1
P	17619	3	17711	8	11111	2.6	4L7	
P	17711	8	17721	1	11111	0.3	4D4	
P	17721	1	17732	2	11111	1.1	4EB	
	111		111		11111			
P	18311	0	18312	0	11111	2.0	4A0	
P	18312	0	18315	0	11111	2.0	4A0	



79-X-13







Lithologic Log

Core Code	From	To	Unit	Code	Description	
1	10	14	16	20	22 23 25 27	
L	125121	125140	37	5D10		
L	125140	125177	38	5B10		
L	125177	125188	39	5D13		
L	125188	126133	40	5B10		
L	126133	126148	41	5D15	-SDS3	
L	126148	127103	42	5B10		
L	127103	127124	43	5B16		
L	127124	127149	44	5B17	-SB73	
L	127149	127153	45	5B17	-SB73 gouge zone	
L	127153	127166	46	5D15	-SDS3	
L	127166	128109	47	5B17	-SB73	
L	128109	128130	48	5B10		
L	128130	128135	49	5B10	GOUGE ZONE	
L	128135	129102	50	5B10		
L	129102	129110	51	5D13		
L	129110	129160	52	5B17	-SB73	
L	129160	1314137	53	5B10		
L	1314137	131444	54	5D13		
L	131444	131476	55	5B10		
L	131476	131482	56	5D13		
L	131482	131493	57	5B10		
L	131493	131502	58	5D13		
L	131502	131599	59	5B10		
L	131599	131605	60	5B10	GOUGE ZONE	
L	131605	131646	61	5B10		
L	131646	131649	62	5B10	GOUGE ZONE	
L	131649	1317153	63	5B10		
L	1317153	1318131	64	5B17	-SB73	
L	1318131	1318150	65	5B16		
L	1318150	1412174	66	5B10		
L	1412174	1412193	67	0D17	bt flakes matrix dark	
L	1412193	1413110	68	0D12	-0D29 contact gradational and patchy of 0.4 m, plag phenocrysts altered to kaolinite, minor montmorillonite.	
	111	111	1	11		
	111	111	1	11		
L	1413110	1413125	69	0D19		
L	1413125	1413136	70	0D17	-0D72 contact gradational over 0.4 m	

Code	From	To	Unit	Code	Description
	10 14 16 20 22 23 25 27				
L	141336	141438	71	01D19	
L	141438	141453	72	01D17	similar to unit 65, contact folioform.
L	141453	1415134	73	5B12	-SB23
L	1415134	1415137	74	5D10	
L	1415137	1416109	75	5B10	
L	1416109	1416117	76	5B10	gouge zone.
L	1416117	141639	77	5B16	
L	141639	1416179	78	5B17	-SB73.
L	1416179	1417152	79	5B10	
L	1417152	1417172	80	5B17	-SB73
L	1417172	1418125	81	5B10	
L	1418125	1418129	82	5B10	zone of broken core
L	1418129	1511165	83	5B10	
L	1511165	1511195	84	5B16	
L	1511195	1512115	85	5B17	-SB73
L	1512115	1512129	86	5B10	
L	1512129	1512196	87	5B16	
L	1512196	1513143	88	5B17	-SB73
L	1513143	1514104	89	5B10	
L	1514104	1514181	90	5B16	
L	1514181	1514189	91	5D13	minor interbeds of SB6
L	1514189	1515111	92	5B10	
L	1515111	1515117	93	5D13	
L	1515117	1515150	94	5B10	
L	1515150	1515154	95	5B10	GOUGE AND BROKEN CORE
L	1515154	1515157	96	5B10	
L	1515157	1515160	97	5D13	
L	1515160	1611130	98	5B10	
L	1611130	1611136	99	5D13	
L	1611136	1612147	00	5B10	
L	1612147	1612182	01	5D13	
L	1612182	1614134	02	5B10	
L	1614134	1614140	03	5B12	-SB26
L	1614140	1614147	04	5D13	
L	1614147	1614180	05	5B12	-SB26
L	1614180	161631	06	5B10	

Code	From	To	Unit	Code	Description
	10 14 16 20		22 23 25 27		
L	161613	161614	07	51013	
L	161614	161710	08	41416	
L	161710	161711	09	51312	-5B26
L	161711	161718	10	41410	very minor po,
L	161718	161820	11	51316	
L	161820	161913	12	41410	
L	161913	161913	13	51013	
L	161913	161918	14	51316	faintly altered
L	161918	161919	15	41414	-44427 near massive sph-po and py hosted in a siliceous chloritic matrix - resembles 4D7
					-massive py at the hanging wall, po increasing toward the footwall, along with mag, which is most abundant at the footwall
L	161919	171011	16	51312	-5B26
L	171011	171019	17	41416	faintly altered 5B6
L	171019	171013	18	51312	-5B26
L	171013	171017	19	41416	
L	171017	171019	20	41412	-447249
					massive py at the hanging wall po-sph present in 0.1m bands toward the footwall, cpy in tension gashes
L	171019	171318	21	51013	
L	171318	171510	22	51310	
L	171510	171548	23	51019	→5093 po no diss <sup>m</sup> blebs & foliaform laminae
L	171548	171574	24	51317	→5B73
L	171574	171590	25	51319	→ <sup>44</sup> 5B976 internal has 3 0.1-0.2M 4E0 in 4E7 bands in 5B trying to make 4L
L	171590	171676	26	51310	
L	171676	171681	27	0010	
L	171681	171707	28	51316	dolomitic
L	171707	171713	29	41410	
L	171713	171725	30	41410	→4K4; CO <sub>2</sub> in finely siliceous blebs & patches < 4% comb.
L	171725	171744	31	41416	→44643; internal contacted & oxidized w/ carbonate distrib <sup>n</sup> of

## Lithologic Log

Logged By: 

Code	From		To		Unit		Code		Description
	10	14	16	20	22	23	25	27	
									likely synthetic PbS/ZnS stringers; not typical 4L6, closer to 4L43
L	774	4	774	7	312		4E10		
L	774	7	779	1	313		4G14		calcareous 774.7 to 775.7M; > 10%
L	779	1	779	6	3A		4L4		w/ 4F4 interbedded; internal broken w/ ground core
L	779	6	781	3	315		4G14		
L	781	3	781	6	316		4L0		w/ D <sub>2</sub> po porphyroblasts
L	781	6	789	0	317		4G14		
L	789	0	790	2	318		4L0		
L	790	2	790	4	319		4B7		
L	790	4	790	5	40		4L0		
L	790	5	790	8	41		4G7		
L	790	8	791	0	42		4L0		
L	791	0	791	6	43		4H6		showing 4B &/or QD breccia frags
L	791	6	799	4	44		5B6		
L	799	4	799	8	45		4L7		
L	799	8	801	3	46		5B2		→ 5B24
L	801	3	803	1	47		4L0		
L	803	1	803	4	48		5B6		
L	803	4	805	0	49		4E10		
L	805	0	805	6	50		4E10		breccia w/ graphitic matrix
L	805	6	806	4	51		4A0		no PbS/ZnS
L	806	4	806	6	52		5D6		
L	806	6	807	2	53		4A0		no PbS/ZnS
L	807	2	807	8	54		5D6		
L	807	8	808	1	55		4A0		
L	808	1	809	1	56		4L7		
L	809	1	822	3	57		4L6		→ 5B627
L	822	3	826	9	58		4L2		→ 4L27
L	826	9	828	8	59		4L0		
L	828	8	831	9	60		4L0		→ 5B62
L	831	9	832	5	61		4L7		
L	832	5	834	2	62		4L7		→ 4L0
L	834	2	835	8	63		4L0		
L	835	8	836	7	64		5D3		
L	836	7	841	7	65		4L0		→ 5B672

## Lithologic Log

Code	From		To		Unit		Code		Description
	10	14	16	20	22	23	25	27	
L	18411	7	18413	6	6.6	4.4	5		→ 4459
L	18413	6	18416	8	6.7	4.4	0		→ 5B62
L	18416	8	18417	3	6.8	5.0	3		
L	18417	3	18513	8	6.9	4.4	0		→ 5B62
L	18513	8	18514	9	7.0	0.0	0		
L	18514	9	18515	6	7.1	5.6	6		
L	18515	6	18516	6	7.2	4.4	0		
L	18516	6	18517	7	7.3	5.8	6		
L	18517	7	181610	3	7.4	4.4	0		
L	181610	3	181611	1	7.5	5.8	6		
L	181611	1	181615	2	7.6	5.8	6		spectacular, wholly calcareous, heterotidite, poorly sorted/rounded framework brca w/ finely comminuted "trash" forming matrix; minor lt. gray porphyritic volcanic <sup>77</sup> sh frags in brca; numerous types of sulfide-bearing sh types; clearly post D <sub>2</sub> brca crudely foliaform to S <sub>2</sub> at top & base of interval
L	181615	2	181617	9	7.7	5.8	6		MgFe CO <sub>2</sub> -bearing; fizzes when powdered in 10% HCl
L	181617	9	181618	1	7.8	5.8	6		brca as unit 74; foliaform
L	181618	1	181619	6	7.9	4.4	0		
L	181619	6	181619	9	8.0	5.8	6		remnant not altered to 440 but in process
L	181619	9	181711	6	8.1	4.4	0		
L	181711	6	181712	5	8.2	5.8	6		" " " " " " " "
L	181712	5	181713	7	8.3	4.4	0		→ 447
L	181713	7	181714	2	8.4	5.8	6		brca as units 74 & 76; lower contact horiz & markedly discordant to S <sub>2</sub> , upper " foliaform S <sub>2</sub>
L	181714	2	181714	6	8.5	4.4	0		
L	181714	6	181715	1	8.6	5.8	6		brca w/ cse frags, particularly lt. gray porphyry & sulfide "
L	181715	1	181715	5	8.7	4.4	0		
L	181715	5	181716	5	8.8	5.8	6		→ 440 in alt" process
L	181716	5	181716	6	8.9	5.8	6		brca crudely S <sub>2</sub> foliaform as 74, 76, 82
L	181716	6	181717	5	9.0	5.8	6		non-calc. in 10% powdered
L	181717	5	181718	5	9.1	5.8	6		brca, S <sub>2</sub> foliaform
L	181718	5	181718	9	9.2	5.8	6		
L	181718	9	181719	0	9.3	5.8	6		brca ≈ horiz & discordant to S <sub>1</sub>

Code	From	To	Unit	Code	Description
1	10	14 16	20	22 23 25 27	
L	8,790	8,800	9.4	5B,6	→ 4LO in process of alt <sup>n</sup>
L	8,800	8,807	9.5	5B,6	→ 4LO Grad
L	8,807	8,817	9.6	5B,6	
L	8,817	8,820	9.7	5B,6	bxia as above
L	8,820	8,832	9.8	5B,6	⇒ 4LO being alt <sup>d</sup>
L	8,832	8,846	9.9	5B,6	bxia as 74, 76, 82, 87 etc ≈ S <sub>2</sub> foliaform
L	8,846	8,858	0.0	5D,4	w/ prominent matrix
L	8,858	8,863	0.1	5B,6	bxia as 97
L	8,863	8,869	0.2	5D,4	→ 4LO could be alt <sup>d</sup> 5D6
L	8,869	8,927	0.3	5B,6	
L	8,927	8,930	0.4	5B,6	bxia in graph. matrix discord. to S <sub>2</sub> 50°/015
L	8,930	8,943	0.5	5B,6	
L	8,943	8,951	0.6	4L,9	
L	8,951	8,960	0.7	4A,0	
L	8,960	8,962	0.8	4A,0	bxia crudely S <sub>2</sub> foliaform
L	8,962	8,973	0.9	4A,0	
L	8,973	9,018	1.0	5B,6	bxia as #74; upper contact 30/015, lower contact indeterminate
L	9,018	9,110	1.1	4L,2	
L	9,110	9,112	1.2	5D,3	
L	9,112	9,115	1.3	4L,2	→ 4L24
L	9,115	9,121	1.4	4G,0	
L	9,121	9,134	1.5	4G,0	→ 4G4
L	9,134	9,137	1.6	4G,8	
L	9,137	9,142	1.7	4G,0	
L	9,142	9,145	1.8	4G,8	
L	9,145	9,256	1.9	5A,0	
L	9,256	9,272	2.0	5A,0	bxia cf. #74etal S <sub>2</sub> foliaform
L	9,272	9,395	2.1	5B,6	→ 5B62 to 5A0
L	9,395	9,405	2.2	5B,6	bxia ident #218
L	9,405	9,420	2.3	5B,6	→ 5B62 to 5A0
L	9,420	9,422	2.4	4A,0	
L	9,422	9,479	2.5	4L,0	
L	9,479	9,483	2.6	4L,0	bxia ⇒ bxiation process operates on all lithologies viz 5B,6, 5A,0, 4L,0
L	9,483	9,670	2.7	4L,3	

} SA 914.5-9420



DDH  $\frac{79-x-13}{2}$   $\frac{8}{8}$

Cyprus Anvil Mining Corp.  
Structural Log

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Logged By: B V H

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.			
S	1	10	14	16	20	22	24	26	28	32	34	38	
S					1312	5	C1S12			817	11815		
S					1318	4	C1S12			616	11815		
S					1414	5	C1S12			814	11815		
S					1510	6	C1S12			812	11815		
S					1516	7	C1S12			812	11815		
S					1612	5	C1S12			816	11815		
S					1710	7	C1S12			817	11815		
S					1718	8	C1S12			716	11815		
S					1813	5	C1S12			716	11815		
S					1819	6	C1S12			811	11815		
S					1915	7	C1S12			818	11815		
S					1101	18	C1S12			717	11815		
S					1107	8	C1S12			618	11815		
S					1117	14	C1S12			810	11815		
S					1121	04	C1S12			710	11815		
S					1121	05	C1S12			716	11815		
S					1131	25	C1S12			813	11815		
S					1131	87	C1S12			810	11815		
S					1141	45	C1S12			810	11815		
S					1151	12	C1S12			812	11815		
S					1151	73	C1S12			815	11815		
S					1161	34	C1S12			719	11815		
S					1161	95	C1S12			810	11815		
S					1171	58	C1S12			812	11815		
S					1181	17	C1S12			813	11815		
S					1181	81	C1S12			619	11815		
S					1191	41	C1S12			619	11815		
S					1191	99	C1S12			910	11815		
S					1210	15	C1S12			717	11815		
S					1211	11	C1S12			715	11815		
S					1211	17	C1S12			814	11815		
S					1221	24	C1S12			711	11815		
S					1231	04	C1S12			515	11815		
S					1231	05	C1S12			613	11815		
S					1241	29	C1S12			812	11815		
S					1241	90	C1S12			713	11815		

Code	From				To				Feature	S/E	S <sub>1</sub>		S <sub>2</sub>		Description	
	1	10	14	16	20	22	24	26			28	32	34	38		
S					125	15	1		C1512			7	15	118	15	
S					126	11	2		C1512			7	2	118	15	
S					126	17	3		C1512			8	2	118	15	
S					127	13	4		C1512			8	1	118	15	
S					127	19	2		C1512			5	4	118	15	
S					128	14	1		C1512			6	6	118	15	
S					129	10	2		C1512			7	6	118	15	
S					129	16	3		C1512			8	3	118	15	
S					130	13	0		C1512			8	3	118	15	
S					130	19	1		C1512			8	5	118	15	
S					131	15	1		C1512			7	9	118	15	
S					132	11	2		C1512			6	9	118	15	
S					132	17	9		C1512			7	9	118	15	
S					133	14	0		C1512			8	4	118	15	
S					134	10	1		C1512			8	3	118	15	
S					134	16	2		C1512			6	1	118	15	
S					135	12	3		C1512			8	0	118	15	
S					135	18	4		C1512			8	6	118	15	
S					136	13	9		C1512			9	10	118	15	
S					137	10	0		C1512			7	9	118	15	
S					137	16	1		C1512			8	6	118	15	
S					138	12	2		C1512			7	9	118	15	
S					138	18	6		C1512			8	5	118	15	
S					139	14	7		C1512			8	0	118	15	
S					140	11	1		C1512			8	5	118	15	
S					140	17	1		C1512			7	9	118	15	
S					141	13	3		C1512			8	5	118	15	
S					141	19	4		C1512			8	2	118	15	
S					142	15	5		C1512			7	0	118	15	Dyke 427.4 - 445.3
S					144	16	8		C1512			8	7	118	15	
S					145	12	9		C1512			7	5	118	15	
S					145	18	7		C1512			6	4	118	15	
S					146	13	9		C1512			8	1	118	15	
S					147	10	3		C1512			8	0	118	15	
S					147	16	4		C1512			8	3	118	15	
S					148	12	5		C1512			8	3	118	15	

DDH 7,9-x-1,3  
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Cyprus Anvil Mining Corp.

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## Structural Log

Logged By: B v 17

Code	From	To	Feature	S <sub>1</sub> Dip Direct.	S <sub>2</sub> Dip Direct.	Description						
							10	14	16	20	22	24
S		1418	195	C/S	12					84	185	
S		1419	156	C/S	12					70	185	
S		1510	117	C/S	12					74	185	
S		1510	178	C/S	12					78	185	
S		1511	139	C/S	12					81	185	
S		1512	100	C/S	12					85	185	
S		1512	61	C/S	12					69	185	
S		1513	22	C/S	12					83	185	
S		1513	83	C/S	12					73	185	
S		1514	44	C/S	12					79	185	
S		1515	04	C/S	12					82	185	
S		1515	65	C/S	12					81	185	
S		1516	28	C/S	12					90	185	
S		1516	69	C/S	12					81	185	
S		1517	60	C/S	12					79	185	
S		1518	24	C/S	12					76	185	
S		1518	88	C/S	12					82	185	
S		1519	49	C/S	12					75	185	
S		1601	10	C/S	12					84	185	
S		1601	71	C/S	12					73	185	
S		1611	35	C/S	12					81	185	
S		1611	96	C/S	12					76	185	
S		1612	66	C/S	12					90	185	
S		1613	27	C/S	12					81	185	
S		1613	88	C/S	12					86	185	
S		1614	49	C/S	12					73	185	
S		1615	10	C/S	12					70	185	
S		1615	62	C/S	12					81	185	
S		1616	23	C/S	12					63	185	
S		1616	84	C/S	12					83	185	
S		1617	42	C/S	12					86	185	
S		1618	03	C/S	12					80	185	
S		1618	64	C/S	12					87	185	
S		1619	28	C/S	12					83	185	
S		1619	89	C/S	12					77	185	
S		1704	41	C/S	12					49	185	

DDH 79-X-13  
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Cyprus Anvil Mining Corp.

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## Structural Log

Logged By: B V H

Code	From	To	Feature	S.E.	S <sub>1</sub>		S <sub>2</sub>		Description
					Dip	Direct.	Dip	Direct.	
1	10	14 16	20	22 24	26 28	32	34	38	
S		7,0,93	CS,2				6,7	1,8,5	
S		7,1,50	CS,2				8,7	1,8,5	
S		7,2,11	CS,2				7,5	1,8,5	
S		7,2,71	CS,2				7,4	1,8,5	
S		7,3,34	CS,2				9,0	1,8,5	
S		7,3,91	CS,2				5,3	1,8,5	
S		7,4,57	CS,2				8,0	1,8,5	
S		7,5,23	CS,2				7,0	1,8,5	
S		7,5,80	CS,2				8,3	1,8,5	
S		7,6,50	CS,2				7,3	1,8,5	
S		7,7,13	CS,2				5,4	1,8,5	
S		7,7,44	CS,2				5,4	1,8,5	
S		7,7,60	CS,2				5,8	1,8,5	
S		7,7,98	CS,2				5,8	1,8,5	
S		7,8,13	CS,2				5,2	1,8,5	
S		7,8,45	CS,2				6,2	1,8,5	
S		7,8,60	CS,2				5,7	1,8,5	
S		7,8,83	CS,2				6,8	1,8,5	
S		7,8,97	CS,2				6,2	1,8,5	
S		7,9,07	CS,2				3,8	1,8,5	
S		7,9,34	CS,2				5,5	1,8,5	
S		7,9,83	CS,2				5,5	1,8,5	
S		8,0,58	CS,2				7,3	1,8,5	
S		8,1,03	CS,2				7,8	1,8,5	
S		8,1,65	CS,2				8,0	1,8,5	
S		8,2,79	CS,2				7,8	1,8,5	
S		8,2,74	CS,2				8,6	1,8,5	
S		8,3,42	CS,2				8,4	1,8,5	
S		8,4,00	CS,2				8,3	1,8,5	
S		8,4,57	CS,2				8,4	1,8,5	
S		8,5,17	CS,2				8,2	1,8,5	
S		8,5,72	CS,2				8,1	1,8,5	
S		8,6,54	CS,2				8,3	1,8,5	
S		8,7,24	CS,2				7,2	1,8,5	
S		8,7,97	CS,2				7,9	1,8,5	
S		8,8,49	CS,2				8,0	1,8,5	







DDH 79X-13  
(Horizon 4)

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

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Logged By: \_\_\_\_\_

Sampled By: \_\_\_\_\_

Code	From	To	Sample No.	Description		
1	10	14 16	20 22	27		
					<i>Interval</i>	<i>Facies</i>
					<i>Pb</i>	<i>Zn</i>
					<i>Pb+Zn</i>	
	7713	7725	11488	1.2	4K0	3.42 1.48 4.90
	7725	7744	11489	1.9	4L643	7.60 4.24 11.84
	7744	7751	11490	0.7	4EG4	3.38 4.93 8.31
	7751	7771	11491	2.0	4G4	7.48 9.36 16.84
	7771	7791	11492	2.0	4G4	6.38 8.33 14.71
	7791	7796	11493	0.5	4L4	4.01 5.04 9.05
	7796	7813	11494	1.7	4G4	7.46 9.05 16.51
	78160	7875	11495	1.5	4G4	7.66 8.63 16.29
	7875	7890	11496	1.5	4G4	7.31 9.07 16.38
	7902	7916	11497	1.4	4L64	9.24 6.02 15.26
					<i>Best Sections</i>	
					771.3 - 781.3	10.0M of 12.99% including
					772.5 - 781.3	8.8M of 14.09%
					786.0 - 791.6	5.6M of 12.57% including
					786.0 - 789.0	3.0M of 16.33%

79-X-14







Code	From	To	Unit	Code	Description
	10 14 16 20 22 23 25 27				
L	11900	11176	11	#	O/B no core.
L	11176	1273	12	S1B16	
L	1273	1296	13	S1B10	
L	1296	1370	14	S1B16	
L	1370	1386	15	S1B16	zone of broken core and gouge
L	1380	17103	16	S1B10	
L	17103	17117	17	S1B10	zone of pre F2 breccia.
L	17117	1773	18	S1B10	
L	1773	1795	19	S1B16	
L	1795	1799	110	S1B16	GOUGE ZONE
L	1799	1814	111	S1B16	
L	1814	1846	112	S1B10	
L	1846	1869	113	S1B16	
L	1869	1966	114	S1B10	
L	1966	1971	115	S1B10	GOUGE AND POST F2 BRECCIA ZONE.
L	1971	11314	116	S1B10	
L	11314	11321	117	S1B10	GOUGE AND PRE F2 BRECCIA ZONE.
L	11321	11732	118	S1B10	
L	11732	11743	119	S1B17	-SB73
L	11743	11996	210	S1B10	
L	11996	12053	211	S1B17	-SB73
L	12053	12069	212	S1D13	
L	12069	121103	213	S1B17	-SB73
L	121103	12463	214	S1B10	
L	12463	12468	215	S1D13	
L	12468	13065	216	S1B17	SB73
L	13065	13067	217	01D19	
L	13067	13086	218	01D7	-0072
L	13086	131116	219	01D19	-0092 faintly altered to montmorillonite, only the plag phenocrysts have been affected
	111	111	1	11	
	111	111	1	11	
L	131116	131122	310	01D12	patchy alteration to kaolinite/montmorillonite
L	131122	131176	311	01D12	-0029 contact with unit 30 gradational and patchy over 93m, heavily altered, matrix altered.
	111	111	1	11	
	111	111	1	11	
L	131176	131181	312	01D10	

Lithologic Log

Code	From	To	Unit	Code	Description
	10 14 16 20 22 23 25 27				
L	131181	131199	313	01D19	po vein present in the zone of most intense alteration.
L	131199	136166	34	51B17	-5B73
L	136166	138154	315	51B10	
L	138154	138158	316	51B10	zone of post F <sub>2</sub> breccia.
L	138158	140166	317	51B10	
L	140166	140192	318	51B16	
L	140192	142168	319	51B10	
L	142168	143127	410	51B16	
L	143127	14350	411	51B10	
L	14350	144166	412	51B16	
L	144166	144167	413	51B16	post-D <sub>2</sub> foliaform breccia
L	144167	14475	414	51B16	
L	14475	14495	415	51B16	zone of post D <sub>2</sub> breccia & OQO development
L	14495	14577	416	51B16	
L	14577	14680	417	51B16	dolomitic i.e. reaction w/ 10% HCl
L	14680	14682	418	5D14	lt buff green, non-calc muscov-chlor phyll; looks like alt <sup>d</sup> 5D6, minor po blebs & stringers, no mariposite
L	14682	14695	419	51B2	→5B26; gray, contorted & broken over interval; zone foliaform w/ S <sub>2</sub>
L	14695	14707	510	51B16	→5B62 breccia w/ zular clasts in m dk gray matrix - poorly sorted framework breccia
L	14707	14715	511	5D14	breccia; lt. greenish gray buff, heterolithic framework breccia w/ minor mariposite
L	14715	14795	512	5D14	altered, lt. buff green, calc, mariposite-bearing tuffs
L	14795	14816	513	51B16	w/ lg. OQO pods/sweats
L	14816	14819	514	51B16	breccia as unit 50
L	14819	14871	515	51B16	dolomitic; reaction w/ 10% HCl
L	14871	14910	516	5D14	→5D46; no mariposite, non-calc; buff green muscov-chlor tuffs
L	14910	14981	517	5D13	
L	14981	15012	518	51B10	
L	15012	15185	519	5D13	
L	15185	15264	610	5C3	heavily chlor mottled, sheared SC or SD?
L	15264	15305	611	5D13	
L	15305	15578	612	51B10	
L	15578	15688	613	51B16	Fe-Mg CO <sub>3</sub> -bearing; fizzes when powdered in 10% HCl

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Cyprus Anvil Mining Corp.  
Lithologic Log

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Logged By: DJ

Code	From	To	Unit	Code	Description
1	10	14 16	20 22 23	25 27	
L	15688	15770	614	5B16	FeMgCO <sub>3</sub> as 63 but 30-40% CO <sub>2</sub> content
L	15770	15797	615	5B16	" as 63 w/ 10-20% " "
L	15797	15812	616	5B16	hooker ore & gauge foliaform to S <sub>2</sub> over interval
L	15812	15843	617	5B16	
L	15843	15846	618	5D4	margarite-bearing as per units
L	15846	16026	619	5B16	FeMgCO <sub>3</sub> bearing as 63-65
L	16026	16050	70	5B10	→ 5B10; 25% 5D3 over interval
L	16050	16091	71	5B16	FeMgCO <sub>3</sub> bearing; fizzes when powdered in 10% HCl
L	16091	16217	72	5B10	
L	16217	16221	73	5D13	
L	16221	16635	74	5B10	
L	16635	16655	75	5B10	gauge & 000 sweets // S <sub>2</sub> over interval
L	16655	16738	76	5B10	
L	16738	16788	77	5B2	→ 5B26
L	16788	16850	78	5B2	→ 5B296 pe blebs & stringers throughout
L	16850	16863	79	4L0	
L	16863	16886	80	4C8	→ 4686 local BaSO <sub>4</sub> 0.1-0.4 M thick w/ Fe <sub>3</sub> O <sub>4</sub> throughout
L	16886	16890	81	4L0	
L	16890	16898	82	4C2	→ 4C28
L	16898	16906	83	4L0	
L	16906	16980	84	5B12	→ 5B23
L	16980	17025	85	4L6	→ 4L675
L	17025	17041	86	4L0	
L	17041	17057	87	4C7	
L	17057	17062	88	4A0	shitty! v. minor sulfs & w/ky graphitic
L	17062	17064	89	4L7	→ 4L72
L	17064	17125	90	4G8	w/ some base-metal sulfides < 8% at best
L	17125	17130	91	4L7	→ 4L72
L	17130	17143	92	4A0	v. minor py - no ZnS/PbS
L	17143	17155	93	4L2	→ 4L27
L	17155	17205	94	4G8	w/ modest ZnS/PbS, some high grade 10%+
L	17205	17208	95	4EC	
L	17208	17239	96	4A0	low ZnS/PbS < 2% comb.
					N.B. Interval 704.1 - 723.9 ≈ 20 M appears to be DY horizon 5 composed of 2 exhalative cycles
					4A → 4G underlain by 4L from 723.9 to 776.5 M

Horizon 5

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2 8Cyprus Anvil Mining Corp.  
Lithologic Log

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Logged By: 

Core No.	From	To	Unit	Code	Description
1	10	14 16 20	22 23 25 27		
L	7239	7341	97	4L0	
L	7341	7349	98	4C2	
L	7349	7420	99	4L7	
L	7420	7423	00	4L4	→ 4L42
L	7423	7439	01	4L2	
L	7439	7528	02	4L6	→ 4L627
L	7528	7566	03	4L2	
L	7566	7571	04	5D3	
L	7571	7577	05	4L2	
L	7577	7578	06	5D3	
L	7578	7647	07	4L2	→ 4L27
L	7647	7708	08	4L6	→ 4L67
L	7708	7765	09	4L0	→ 4L7
L	7765	7809	10	5B7	→ 5B76
L	7809	7877	11	4L0	
L	7877	7883	12	4C0	< 5% comb.
L	7883	7888	13	4E0	< 2% "
L	7888	7891	14	4G4	> 10%
L	7891	7903	15	4E0	→ 4E5 only minor buff CO <sub>3</sub> <sup>-</sup> (Fe Mg)
L	7903	7916	16	4D4	→ 4D46 5-7%?
L	7916	7921	17	4G0	mainly pyritic, little PbS/ZnS
L	7921	7927	18	4D6	
L	7927	7942	19	4E4	
L	7942	7945	20	4G0	
L	7945	7957	21	4E4	
L	7957	7961	22	4H2	
L	7961	8046	23	4K4	- 4K41 5-6%??
L	8046	8051	24	4G4	> 10%
L	8051	8087	25	4K4	→ 4K41 3-5%??
L	8087	8091	26	4G4	> 10%
L	8091	8115	27	5D3	altered to 4L65/504
L	8115	8124	28	4G4	> 14%
L	8124	8143	29	4E4	- 4E41
L	8143	8156	30	4AD	
L	8156	8193	31	4C0	
L	8193	8218	32	4AD	garbage!

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2 8Cyprus Anvil Mining Corp.  
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Logged By: USA

Code	From	To	Unit	Code	Description
1	10 14 16	20 22 23 25 27			
L	18218	18225	33	4B14	710%
L	18225	18248	34	4A10	SFA 3-4%
L	18248	18285	35	5B16	
L	18285	18310	36	4L16	-4L67 faintly altered SB6
L	18310	18315	37	5B16	
L	18315	18316	38	4L17	
L	18316	18318	39	5B16	
L	18318	18410	40	4L16	
L	18410	18411	41	4L17	sericitic bands
L	18411	18417	42	4L16	
L	18417	18418	43	4L13	minor banded po
L	18418	18514	44	4L16	
L	18514	18516	45	4L14	2 cm bands of sph and po surrounded by a sericitic envelope.
L	18516	18516	46	4E10	minor bands of sph.
L	18516	18517	47	4E17	-4E7B4 bands of po up to 5cm wide, small bands of mag ~ 1cm wide (bandaged).
L	18517	18517	48	4L10	footwall gradational to SA.
L	18517	18813	49	5A19	po mainly, some banded associated with qtz
L	18813	18819	50	5B12	-SB23
L	18819	19102	51	5A13	
L	19102	19103	52	4A10	
L	19103	19104	53	4A17	-4A79
L	19104	19105	54	4C17	
L	19105	19105	55	4A17	
L	19105	19108	56	4A10	
L	19108	19109	57	5A19	
L	19109	19113	58	5A10	
L	19113	19116	59	4A10	
L	19116	19119	60	5A19	-SA93 minor py associated with qtz
L	19119	19217	61	5A10	
L	19217	19219	62	4H14	-4H49 CaCO <sub>3</sub> in matrix
L	19219	19219	63	4L11	-4L17
L	19219	19555	64	3G10	END OF HOLE

Code	From				To				Feature	E S <sub>2</sub>	S <sub>1</sub>		S <sub>2</sub>		Description
	10	14	16	20	22	24	26	28			Dip	Direct.	Dip	Direct.	
S									C1512				810	11815	01B no core
S									F23						Z sym 17.6 - 21.6 m.
S									F2E				617	11815	S sym 21.6 - 26.3 m
S									F23				616	11815	Z sym 26.3 - 31.0 m
S									C1512				415	11815	
S									F2E				811	11815	S sym 31.0 - 39.6 m.
S									F23						Z sym 39.6 - 42.3 m
S									C1512				717	11815	
S									F2E				813	11815	S sym 42.3 - 52.4
S									C1512				713	11815	
S									F23						Z sym 52.4 - 59.6
S									C1512				815	11815	
S									C1512				815	11815	
S									C1512				717	11815	
S									C1512				711	11815	No symmetry determinations after this point
S									C1512				715	11815	
S									C1512				813	11815	
S									C1512				614	11815	
S									C1512				819	11815	
S									C1512				814	11815	
S									C1512				815	11815	
S									C1512				814	11815	
S									C1512				814	11815	
S									C1512				812	11815	
S									C1512				810	11815	
S									C1512				811	11815	
S									C1512				714	11815	
S									C1512				814	11815	
S									C1512				719	11815	
S									C1512				815	11815	
S									C1512				719	11815	
S									C1512				815	11815	
S									C1512				710	11815	

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2 8Cyprus Anvil Mining Corp.  
Structural Log

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Logged By: BVH

Core Code	From		To		Feature	E Dip	S <sub>1</sub> Dip Direct.		S <sub>2</sub> Dip Direct.		Description		
	1	10	14	16			20	22	24	26		28	32
S					1210163	C/S	12			818	118	15	
S					121124	C/S	12			810	118	15	
S					121185	C/S	12			815	118	15	
S					12246	C/S	12			814	118	15	
S					123107	C/S	12			815	118	15	
S					123199	C/S	12			811	118	15	
S					124166	C/S	12			816	118	15	
S					125121	C/S	12			814	118	15	
S					125182	C/S	12			814	118	15	
S					12643	C/S	12			813	118	15	
S					127163	C/S	12			810	118	15	
S					127164	C/S	12			810	118	15	
S					12825	C/S	12			815	118	15	
S					128186	C/S	12			812	118	15	
S					12947	C/S	12			815	118	15	
S					130108	C/S	12			718	118	15	
S					130165	C/S	12			615	118	15	Dyke 306.5 - 319.9
S					132122	C/S	12			718	118	15	
S					132183	C/S	12			615	118	15	
S					13344	C/S	12			811	118	15	
S					134104	C/S	12			910	118	15	
S					134165	C/S	12			719	118	15	
S					135126	C/S	12			718	118	15	
S					135187	C/S	12			810	118	15	
S					136148	C/S	12			814	118	15	
S					137109	C/S	12			815	118	15	
S					137174	C/S	12			717	118	15	
S					138124	C/S	12			718	118	15	
S					138186	C/S	12			811	118	15	
S					13947	C/S	12			711	118	15	
S					140109	C/S	12			810	118	15	
S					140180	C/S	12			816	118	15	
S					141136	C/S	12			812	118	15	
S					141197	C/S	12			716	118	15	
S					142159	C/S	12			719	118	15	
S					14319	C/S	12			717	118	15	

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Cyprus Anvil Mining Corp.

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## Structural Log

Logged By: R V H

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		4,380	C S R		7,5 1,8,5	
S		4,441	C S R		7,9 1,8,5	
S		4,502	C S R		8,5 1,8,5	
S		4,563	C S R		6,9 1,8,5	
S		4,624	C S R		6,0 1,8,5	
S		4,680	C S R		4,1 1,8,5	
S		4,744	C S R		5,6 1,8,5	
S		4,811	C S R		6,0 1,8,5	
S		4,870	C S R		7,1 1,8,5	
S		4,932	C S R		7,1 1,8,5	
S		4,990	C S R		6,1 1,8,5	
S		5,056	C S R		7,1 1,8,5	
S		5,128	C S R		4,9 1,8,5	
S		5,173	C S R		6,1 1,8,5	
S		5,233	C S R		7,6 1,8,5	
S		5,294	C S R		7,0 1,8,5	
S		5,350	C S R		8,4 1,8,5	
S		5,416	C S R		8,3 1,8,5	
S		5,477	C S R		8,1 1,8,5	
S		5,538	C S R		7,8 1,8,5	
S		5,599	C S R		7,8 1,8,5	
S		5,658	C S R		8,4 1,8,5	
S		5,722	C S R		8,8 1,8,5	
S		5,770	C S R		8,1 1,8,5	
S		5,841	C S R		8,4 1,8,5	
S		5,910	C S R		7,8 1,8,5	
S		5,978	C S R		7,8 1,8,5	
S		6,040	C S R		8,2 1,8,5	
S		6,117	C S R		7,8 1,8,5	
S		6,177	C S R		7,5 1,8,5	
S		6,238	C S R		8,4 1,8,5	
S		6,300	C S R		7,2 1,8,5	
S		6,361	C S R		6,9 1,8,5	
S		6,421	C S R		6,2 1,8,5	
S		6,467	C S R		7,7 1,8,5	
S		6,530	C S R		6,2 1,8,5	

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Cyprus Anvil Mining Corp.

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## Structural Log

Logged By: BYH

Code	From	To	Feature	E S <sub>1</sub>	S <sub>1</sub>		S <sub>2</sub>		Description
					Dip	Direct.	Dip	Direct.	
	10	14 16	20 22 24 26 28			32 34	38		
S		6,519	3 C1S12					8,3 1,8,5	
S		6,65	3 C1S12					5,7 1,8,5	
S		6,71	7 C1S12					5,3 1,8,5	
S		6,77	2 C1S12					7,6 1,8,5	
S		6,83	3 C1S12					7,2 1,8,5	
S		6,89	4 C1S12					8,4 1,8,5	
S		6,95	8 C1S12					8,5 1,8,5	
S		7,01	9 C1S12					8,1 1,8,5	
S		7,07	7 C1S12					8,2 1,8,5	
S		7,13	8 C1S12					8,0 1,8,5	
S		7,19	9 C1S12					5,9 1,8,5	
S		7,24	5 C1S12					8,1 1,8,5	
S		7,30	6 C1S12					8,3 1,8,5	
S		7,36	7 C1S12					8,4 1,8,5	
S		7,42	8 C1S12					7,6 1,8,5	
S		7,48	9 C1S12					8,2 1,8,5	
S		7,55	0 C1S12					7,5 1,8,5	
S		7,61	1 C1S12					8,6 1,8,5	
S		7,67	1 C1S12					7,6 1,8,5	
S		7,73	2 C1S12					7,9 1,8,5	
S		7,79	0 C1S12					6,7 1,8,5	
S		7,85	5 C1S12					6,1 1,8,5	
S		7,91	2 C1S12					6,4 1,8,5	
S		7,97	3 C1S12					7,5 1,8,5	
S		8,03	7 C1S12					7,0 1,8,5	
S		8,09	8 C1S12					7,4 1,8,5	
S		8,15	9 C1S12					7,7 1,8,5	
S		8,20	8 C1S12					7,3 1,8,5	
S		8,26	3 C1S12					7,8 1,8,5	
S		8,32	4 C1S12					8,9 1,8,5	
S		8,38	5 C1S12					5,7 1,8,5	
S		8,43	0 C1S12					6,7 1,8,5	
S		8,49	4 C1S12					8,3 1,8,5	
S		8,55	5 C1S12					8,4 1,8,5	
S		8,61	6 C1S12					7,3 1,8,5	
S		8,67	7 C1S12					8,3 1,8,5	



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2 8Cyprus Anvil Mining Corp.  
Geochemical Log (Sampler's Copy)

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Logged By: B V H

Sampled By: \_\_\_\_\_

Core No.	From	To	Sample No.	Description
1	10	14 16	20 22	27
P	1618163	1618186	3101616	2.3 4C8
P	1618186	1618190	1 1 1 1 1	0.4 4L0
P	1618190	1618198	1 1 1 1 1 6	0.8 4C28
P	1618198	1619106	1 1 1 1 1 8	6.8 4L0
	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	
P	170141	170957	1310141	1.6 4C7
P	1710157	1710164	1 1 1 1 1 1	0.5 4A0 / 4L72
P	1710164	1710184	1 1 1 1 1 2	2.0 4G8
P	1710184	1711104	1 1 1 1 1 3	2.0 4G8
P	1711104	1711125	1 1 1 1 1 4	2.1 4G8 / 4C8
P	1711125	1711130	1 1 1 1 1 5	0.5 4L72
P	1711130	1711143	1 1 1 1 1 6	1.3 4A0
P	1711143	1711155	1 1 1 1 1 7	1.2 4L27
P	1711155	1711175	1 1 1 1 1 8	2.0 4G8
P	1711175	1711195	1 1 1 1 1 9	2.0 4C8
P	1711195	1712105	1310195	1.0 4G8
P	1712105	1712108	1 1 1 1 1 1	0.3 4EC
P	1712108	1712122	1 1 1 1 1 2	1.4 4A0
P	1712122	1712139	1 1 1 1 1 3	1.7 4A0
→ P	1713141	1713149	1 1 1 1 1 4	0.8 4C2
P	1714120	1714139	1 1 1 1 1 5	1.9 4L42 / 4L2
P	1714139	1714159	1 1 1 1 1 6	2.0 4L627
P	1714159	1714179	1 1 1 1 1 7	2.0 4L627
→ P	1714179	1714199	1 1 1 1 1 8	2.0 4L627
P	1718177	1718183	1 1 1 1 1 9	0.6 4C0
P	1718183	1718188	1310190	0.5 4E0
P	1718188	1718197	1 1 1 1 1 1	0.3 4C4 1570
P	1718191	1719103	1 1 1 1 1 2	1.2 4E0
P	1719103	1719116	1 1 1 1 1 3	1.3 4D46
P	1719116	1719121	1 1 1 1 1 4	0.5 4C0
P	1719121	1719127	1 1 1 1 1 5	0.6 4D6
P	1719127	1719142	1 1 1 1 1 6	1.5 4E4
P	1719142	1719145	1 1 1 1 1 7	2.3 4C0
P	1719145	1719157	1 1 1 1 1 8	1.3 4E4
P	1719157	1719161	1 1 1 1 1 9	0.4 4H2
P	1719161	1719181	311017	2.0 4K41

S C O	From		To		Sample No.		Description
	10	14	16	20	22	27	
P	161816	3	161818	6	1310610	2.3	4CB
P	161818	6	161819	0	1310617	0.4	4L0
P	161819	0	161819	8	1310618	0.8	4C28
P	161819	8	161910	6	1310619	0.8	4L0
P	17014	1	17015	7	1310710	1.6	4C7
P	17015	7	17016	4	1310711	0.5x	4A0 / 4L72
P	17016	4	17018	4	1310712	2.0	4GB
P	17018	4	171110	4	1310713	2.0	4GB
P	171110	4	171112	5	1310714	2.1	4GB / 4CB
P	171112	5	171113	0	1310715	0.5	4L72
P	171113	0	171114	3	1310716	1.3	4A0
P	171114	3	171115	5	1310717	1.2	4L27
P	171115	5	171117	5	1310718	2.0	4GB
P	171117	5	171119	5	1310719	2.0	4GB
P	171119	5	17210	5	1310810	1.0	4GB
P	17210	5	17210	8	1310811	0.3	4EC
P	17210	8	17212	2	1310812	1.4	4A0
P	17212	2	17213	9	1310813	1.7	4A0
P	17213	9	17213	9	1310814	0.8	4C2
P	17213	9	17214	3	1310815	1.9	4L42 / 4L2
P	17214	3	17215	9	1310816	2.0	4L627
P	17215	9	17217	9	1310817	2.0	4L627
P	17217	9	17219	9	1310818	2.0	4L627
P	17219	9	17218	3	1310819	0.6	4C0
P	17218	3	17218	8	1310910	0.5	4E0
P	17218	8	17219	1	1310911	0.3	4C4
P	17219	1	17219	2	1310912	1.2	4E0
P	17219	2	17219	5	1310913	1.3	4D46
P	17219	5	17219	1	1310914	0.5	4C0
P	17219	1	17219	2	1310915	0.6	4D6
P	17219	2	17219	4	1310916	1.5	4E4
P	17219	4	17219	5	1310917	2.3x	4C0
P	17219	5	17219	7	1310918	1.3x	4E4
P	17219	7	17219	1	1310919	0.4	4H2

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

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Logged By: BYH  
Sampled By: \_\_\_\_\_

Code	From	To	Sample No.	Description
	10 14 16 20 22 27			
P	179181	181010	31133	2.0 4K41
P	181010	181012	14	2.0 4K41
P	181012	181014	15	2.0 4K41
P	181014	181016	16	0.6 4K41
P	181016	181018	17	0.5 4G4
P	181018	181020	18	2.0 4K41
P	181020	181022	19	1.6 4K41
P	181022	181024	20	0.4 4G4
P	181024	181026	21	2.4 5D3
P	181026	181028	22	0.9 4G4
P	181028	181030	23	1.9 4E41
P	181030	181032	24	1.3 4A0
P	181032	181034	25	2.0 4C0
P	181034	181036	26	1.7 4C0
P	181036	181038	27	2.5 4A0
P	181038	181040	28	0.7 4G4
P	181040	181042	29	2.3 4A0
P	181514	181516	31150	1.8 4L4
P	181516	181518	1	0.6 4E0
P	181518	181520	2	0.9 4E784
P	191012	191014	31153	1.5 4A0
P	191014	191016	14	0.3 4A79
P	191016	191018	15	0.8 4C7
P	191018	191020	16	0.6 4A7
P	191020	191022	17	2.0 4A0
P	191022	191024	18	1.2 4A0
P	191134	191136	31159	2.0 4A0
P	191136	191138	31160	1.2 4A0
L	191217	191219	31161	1.1 4H49
L	191219	191221	31162	0.7 4L17

S	From		To		Sample No.	Description
	10	14	18	22		
P	17918		181010		131133 2.0	4K41
P	181010		181012		131134 2.0	4K41
P	181012		181014		131135 2.0	4K41
P	181014		181014		131136 0.6 x	4K41
P	181014		181015		131137 0.5	404
P	181015		181017		131138 2.0	4K41
P	181017		181018		131139 1.6	4K41
P	181018		181019		131140 0.4	404
P	181019		181115		131141 2.4	503
P	181115		181124		131142 0.9	404
P	181124		181143		131143 1.9	4E41
P	181143		181156		131144 1.3	4A0
P	181156		181176		131145 2.0	4C0
P	181176		181193		131146 1.7	4C0
P	181193		182118		131147 2.5	4A0
P	182118		182125		131148 0.7	4G4
P	182125		182148		131149 2.3	4A0
P	185145		185163		131150 1.8	4L4
P	185163		185168		131151 0.6 x	4E0
P	185168		185177		131152 0.9	4E784
P	191012		191013		131153 1.5	4A0
P	191013		191014		131154 0.3	4A79
P	191014		191015		131155 0.8	4C7
P	191015		191015		131156 0.6	4A7
P	191015		191017		131157 2.0	4A0
P	191017		191019		131158 1.2 x	4A0
P	191113		191115		131159 2.0	4A0
P	191115		191116		131160 1.2	4A0
L	191217		191219		131161 1.1	4H49
L	191219		191219		131162 0.7	4L17

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DDH  $\frac{= 9 \times - 15}{2 \quad 8}$

Cyprus Anvil Mining Corp.  
Lithologic Log

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Logged By: *DFJ*

Code	From	To	Unit	Code	Description
	10 14 16 20 22 23 25 27				
L	100	1224	1	#	o/B
L	1224	1252	2	5B6	
L	1252	1262	3	5D3	
L	1262	1689	4	5B7	→ 5B73
L	1689	1722	5	5D3	
L	1722	1850	6	5B0	
L	1850	1868	7	5D3	
L	1868	1954	8	5B7	→ 5B73
L	1954	1071	9	5D3	
L	1071	1082	10	5C3	
L	1082	11097	11	5D3	
L	11097	11127	12	5C3	normal calc. metacarbonate w/ wk. siltst ign. text.
L	11127	11192	13	5C6	v. mafic to UM variant w/ minor crystals; siltst pyroxenes
L	11192	11204	14	5C6	v. finely siltst, no siltst ign. text.
L	11204	11259	15	5D3	
L	11259	11272	16	5C6	w/ typical color & texture
L	11272	11295	17	5D6	
L	11295	11339	18	5C6	as unit 16
L	11339	11356	19	5D0	contacted, located w/ gauge @ base of interval
L	11356	11370	20	5D6	broken core & minor gauge over interval
L	11370	11402	21	5C6	subtle only, all core broken & located w/ fault gauge
					interval 1339-140.2 seems to be a major fault zone (wrench related to Blind Ck. fault)
L	11402	11423	22	5C6	w/ normal color & siltst ign. text.
L	11423	11441	23	5D6	
L	11441	11480	24	5D3	
L	11480	11543	25	5B7	→ 5B73 grading into 5B0 locally
L	11543	11555	26	5D3	
L	11555	11616	27	5B7	→ 5B73
L	11616	11742	28	5B2	→ 5B23
L	11742	12030	29	5B0	
L	12030	12063	30	5B0	gauge & broken core; no attitudes on gauge poss
L	12063	12438	31	5B0	
L	12438	12448	32	5B0	brca crudely foliaform to S <sub>2</sub>
L	12448	12661	33	5B0	
L	12661	12754	34	5D3	

Core	From	To	Unit	Code	Description
1	10 14 16	20 22 23 25 27			
L	12754	12922	35	5B7	→ 5B73
L	12922	12992	36	5B0	
L	12992	13024	37	5B0	broken & ground core < .5M recovery
L	13024	13028	38	0B0	pre-D <sub>2</sub> foliated, finely striae but porphyritic dike or sill; no preserved contacts
L	13028	13032	39	5B6	breccia; lower contact 30°/100-110
L	13032	13075	40	5B0	
L	13075	13081	41	5D3	
L	13081	13107	42	5B7	→ 5B73
L	13107	13115	43	5D3	
L	13115	13131	44	5B7	→ 5B73
L	13131	13138	45	5D3	
L	13138	13176	46	5B7	→ 5B73
L	13176	13419	47	5B0	
L	13419	13660	48	5B0	fault zone; broken core & gouge over interval 10M recovered over interval; no altitudes pass.
L	13660	13791	49	5B0	
L	13791	13805	50	5B0	fault zone; broken core & gouge; no altitudes pass
L	13805	13816	51	5B0	
L	13816	14243	52	5B0	horrendous fault zone — wrench conjugate to Blind Ch. fault; map. of 13M recovery — no. 1/3 mostly rubble & gouge
L	14243	14610	53	5B6	continuation of above fault zone; < 2M recovered over 37M interval; lower contact 40°/275°
L	14610	14642	54	5B0	
L	14642	14658	55	5B7	→ 5B73
L	14658	14763	56	5B0	
L	14763	14770	57	4L0	→ 4L7
L	14770	14807	58	4K8	see buff CO <sub>3</sub> <sup>2-</sup> patches toward base of interval platyform (s <sub>2</sub> ) Fe <sub>3</sub> O <sub>4</sub> stringers toward top
L	14807	14816	59	4G1E	< 5-6%
L	14816	14827	60	4K0	
L	14827	14830	61	5D6	
L	14830	14837	62	4K0	
L	14837	14848	63	4C0	
L	14848	14889	64	4C8	



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Cyprus Anvil Mining Corp.

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## Structural Log

Logged By: R. V. H.

Core No.	From				To				Feature	E S	S <sub>1</sub>		S <sub>2</sub>		Description
	10	14	16	20	22	24	26	28			Dip	Direct.	Dip	Direct.	
					12	4									O/B NO CORE
S					2	4		C, S, 2				7,6	1,8,5		
S					2	0		C, S, 2				6,3	1,8,5		
S					3	7		C, S, 2				6,0	1,8,5		
S					3	9		C, S, 2				7,1	1,8,5		
S					4	7		C, S, 2				7,2	1,8,5		
S					5	4		C, S, 2				6,9	1,8,5		
S					6	0		C, S, 2				7,1	1,8,5		
S					6	4		C, S, 2				6,9	1,8,5		
S					6	9		C, S, 2				5,7	1,8,5		
S					7	7		C, S, 2				8,3	1,8,5		
S					8	3		C, S, 2				7,5	1,8,5		
S					9	0		C, S, 2				6,8	1,8,5		
S					9	6		C, S, 2				6,4	1,8,5		
S					10	2		C, S, 2				5,1	1,8,5		
S					10	9		C, S, 2				5,4	1,8,5		
S					11	5		C, S, 2				8,8	1,8,5		
S					12	1		C, S, 2				4,4	1,8,5		
S					12	8		C, S, 2				3,3	1,8,5		
S					13	5		C, S, 2				5,7	1,8,5		
S					14	2		C, S, 2				5,5	1,8,5		
S					14	5		C, S, 2				8,7	1,8,5		
S					15	0		C, S, 2				7,6	1,8,5		
S					15	6		C, S, 2				6,4	1,8,5		
S					16	2		C, S, 2				4,6	1,8,5		
S					16	7		C, S, 2				7,8	1,8,5		
S					17	4		C, S, 2				8,0	1,8,5		
S					18	0		C, S, 2				7,6	1,8,5		
S					18	6		C, S, 2				7,0	1,8,5		
S					19	3		C, S, 2				7,2	1,8,5		
S					20	0		C, S, 2				8,8	1,8,5		
S					20	6		C, S, 2				8,0	1,8,5		
S					21	2		C, S, 2				7,4	1,8,5		
S					21	7		C, S, 2				5,8	1,8,5		
S					22	4		C, S, 2				8,3	1,8,5		
S					22	8		C, S, 2				6,2	1,8,5		

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Cyprus Anvil Mining Corp.

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## Structural Log

Logged By: \_\_\_\_\_

Code	From		To		Feature	E N	S <sub>1</sub>		S <sub>2</sub>		Description
	10	14 16	20	22 24 26			28	Dip	Direct.	Dip	
S			2353		CS2				87	185	
S			2429		CS2				72	185	
S			2490		CS2				81	185	
S			2563		CS2				64	185	
S			2639		CS2				88	185	
S			2716		CS2				75	185	
S			2780		CS2				80	185	
S			2841		CS2				72	185	
S			2902		CS2				75	185	
S			2960		CS2				84	185	
S			3042		CS2				75	185	
S			3103		CS2				83	185	
S			3176		CS2				70	185	
S			3231		CS2				88	185	
S			3283		CS2				80	185	
S			3344		CS2				81	185	
S			3411		CS2				72	185	
S			3475		CS2				61	185	
S			3618		CS2				69	185	
S			3667		CS2				76	185	
S			3728		CS2				71	185	
S			3803		CS2				76	185	
S			3862		CS2				68	185	
S			4060		CS2				52	185	
S			4247		CS2				86	185	
S			4622		CS2				79	185	
S			4685		CS2				65	185	
S			4746		CS2				69	185	
S			4807		CS2				76	185	
S			4867		CS2				68	185	
S			4928		CS2				79	185	
S			4989		CS2				85	185	
S			5050		CS2				80	185	
S			5111		CS2				88	185	
S			5172		CS2				64	185	
S			5264		CS2				80	185	







79-X-16

Core	From		To		Unit		Code	Description
	10	14	16	20	22	23		
L	110100		12183		11		#	0/B no conc.
L	12183		19109		12		5B10	
L	19169		11037		13		5B16	
L	11037		116161		14		5B10	
L	116161		11723		15		5B16	Zone of gouge, broken conc and breccia, breccia from 171.0 - 172.3
L	11723		11820		16		5B10	
L	11820		11836		17		5B12	-SB23
L	11836		12022		18		5B10	
L	12022		12025		19		5D10	
L	12025		12246		110		5B10	
L	12246		12254		111		5D13	-SD35.
L	12254		12260		112		5C10	diss blebs of Fe-carbonate.
L	12260		12295		113		5C13	diss blebs of Fe-carbonate.
L	12295		12314		114		5C13	zone of gouge.
L	12314		12320		115		5B10	
L	12320		12327		116		5B14	-5B43
L	12327		12352		117		5C13	
L	12352		12422		118		5D13	
L	12422		13205		119		5B10	
L	13205		13225		210		5D13	
L	13225		13413		211		5B10	
L	13413		13422		212		5B12	-5B23
L	13422		13498		213		5B10	
L	13498		13503		214		5D13	
L	13503		13550		215		5B10	
L	13550		13559		216		5D13	
L	13559		13565		217		5B10	
L	13565		13579		218		5D13	
L	13579		13583		219		5B10	
L	13583		13586		310		5D13	
L	13586		13613		311		5B10	
L	13613		13617		312		5D13	
L	13617		13631		313		5B10	
L	13631		13635		314		5D13	
L	13635		13730		315		5B10	

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Cyprus Anvil Mining Corp.

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## Lithologic Log

Logged By: B V H

No	From		To		Unit		Code		Description
	1	10	14	16	20	22 23	25	27	
L	131713	0	131713	4	316	510	3		
L	131713	9	131714	7	317	518	0		
L	131714	7	131715	0	318	510	3		
L	131715	0	131715	1	318	510	3		GOUGE ZONE
L	131715	1	131913	2	319	518	0		
L	131913	2	131913	9	410	518	16		GOUGE, BROKEN CORE AND BRECCIA
L	131913	9	150220		411	518	0		
L	150220		151012	3	412	518	0		GOUGE ZONE
L	151012	3	151214	0	413	518	0		
L	151214	0	151216	6	414	010	17		-0072
L	151216	6	151313	4	415	010	19		-0092
L	151313	4	151317	5	416	010	12		-0027
L	151317	5	151418	8	417	518	0		
L	151418	8	151419	7	418	518	2		-SB26
L	151419	7	151510	5	419	510	3		
L	151510	5	151520		50	518	2		-SB26
L	151520		151513	7	511	510	3		✓
L	151513	7	151515	9	512	518	0		
L	151515	9	151516	5	513	510	3		*
L	151516	5	151518	4	514	518	0		
L	151518	4	151519	7	515	510	3		
L	151519	7	151615	6	516	518	0		
L	151615	6	151616	4	517	510	3		
L	151616	4	151715	4	518	518	2		-SB23
L	151715	4	161016	9	519	518	0		
L	161016	9	161017	1	610	510	3		-GOUGE ZONE
L	161017	1	161017	3	611	510	3		
L	161017	3	161017	6	612	518	0		
L	161017	6	161018	2	613	510	0		
L	161018	2	161018	7	614	518	0		
L	161018	7	161101		615	510	3		
L	161101		161114	4	616	518	0		
L	161114	4	161114	8	617	510	3		
L	161114	8	161115	4	618	518	0		
L	161115	4	161116	2	619	510	3		
L	161116	2	161119	4	70	518	0		

## Lithologic Log

Core No.	From		To		Unit		Code		Description
	10	14	16	20	22	23	25	27	
L	16119	4	16120	0	71		51D3		
L	16120	0	16137	4	72		51B10		
L	16137	4	16138	4	73		51B16		Broken core and gouge
L	16138	4	16141	1	74		51B16		
L	16141	1	16141	5	75		4L10		
L	16141	5	16142	0	76		4L12		4L274 almost massive sulphides, minor sericitic bands, interbanded po-py-sph-gal, sph content increasing toward the footwall.
L	16142	0	16142	5	77		4C18		minor gtz (~15%), mag toward the hanging wall
L	16142	5	16142	8	78		4A14		-4A47
L	16142	8	16144	1	79		4A17		minor sericitic bands, py toward the hanging wall, po toward the footwall
L	16144	1	16145	1	80		4E1		minor gtz bands (~8%), minor sph-gal bands toward the hanging wall.
L	16145	1	16147	9	81		4L13		-4L37 possible talc, not very well developed.
L	16147	9	16149	1	82		4L12		-4L274, sulphides (~50%)
L	16149	1	16152	1	83		4C12		-4L274B sph-gal interbanded with mag
L	16152	1	16155	0	84		4L14		-4L482
L	16155	0	16156	8	85		4L17		-4L79 cpy present in tension gashes
L	16156	8	16159	6	86		51B2		-5B26
L	16159	6	16159	9	87		4L17		altered version of 5B2, minor carbonaceous bands present.
L	16159	9	16163	5	88		51B2		-5B23
L	16163	5	16172	8	89		51B2		-5B26
L	16172	8	16173	6	90		4L17		altered version of 5B2
L	16173	6	16175	3	91		51B16		
L	16175	3	16175	8	92		4L17		same as unit 90
L	16175	8	16176	8	93		51B16		
L	16176	8	16177	1	94		51B16		-GOUGE ZONE
L	16177	1	16179	5	95		51B16		
L	16179	5	16183	6	96		4L17		
L	16183	6	16185	2	97		51A0		
L	16185	2	16186	4	98		4L10		

## Lithologic Log

Core Code	From		To		Unit		Code		Description
	10	14	16	20	22	23	25	27	
L	161816	4	161817	3	919	51B12	-5B26		
L	161817	3	161817	5	010	4A7	-4A74		
L	161817	5	161818	2	011	4G14	-4G48	~15% combined	
L	161818	2	161818	4	012	4E10			
L	161818	4	161819	6	013	4G14	-4G48		
L	161819	6	161914	9	014	4L13	-4L37		
L	161914	9	171018	1	015	4L17			
L	171018	1	171110	8	016	51B16			
L	171110	8	171112	1	017	4L13		talcose bands interbanded with sericite	
L	171112	1	171112	3	018	4C17			
L	171112	3	171113	5	019	4C10		minor talc bands	
L	171113	5	171113	7	110	4C10		CaCO <sub>3</sub> in matrix	
L	171113	7	171114	3	111	4C10			
L	171114	3	171115	7	112	4L13		talc bands interbanded with sericite	
L	171115	7	171116	9	113	4C17	-4C79	CaCO <sub>3</sub> in matrix	
L	171116	9	171119	9	114	4L13			
L	171119	9	171211	1	115	4C10			
L	171211	1	171212	3	116	4E10			
L	171212	3	171212	7	117	4L13			
L	171212	7	171213	8	118	51B10			
L	171213	8	171214	8	119	4L10			
L	171214	8	171311	4	210	51B10			
L	171311	4	171312	5	211	4L10			
L	171312	5	171314	0	212	4A10			
L	171314	0	171315	1	213	4C10			
L	171315	1	171315	4	214	4L10			
L	171315	4	171315	7	215	4C10			
L	171315	7	171315	9	216	4A10			
L	171315	9	171316	6	217	4L10			
L	171316	6	171410	3	218	51B10			
L	171410	3	171411	5	219	51B17	-5B73		
L	171411	5	171413	0	310	4L10			
L	171413	0	171415	9	311	4L13			
L	171415	9	171416	2	312	4A10			
L	171416	2	171416	4	313	4L10			
L	171416	4	171416	6	314	4E10			

DDH 79-X-16  
2 8Cyprus Anvil Mining Corp.  
Lithologic Log

Page \_\_\_\_\_ of \_\_\_\_\_

Logged By: B V H

Code	From		To		Unit		Code		Description
	10	14	16	20	22	23	25	27	
L	17146	6	17148	4	315	4	413		
L	17148	4	17148	6	316	4	410		
L	17148	6	17150	1	317	4	410		
L	17150	1	17151	4	318	4	413		
L	17151	4	17151	8	319	4	415		
L	17151	8	17151	9	410	4	413		
L	17151	9	17151	9	411	4	415		
L	17151	9	17151	9	412	4	410		
L	17151	9	17161	2	413	4	413		
L	17161	2	17161	2	414	4	410		
L	17161	2	17161	3	415	4	413		
L	17161	3	17161	5	416	5	512	- SB23	
L	17161	5	17161	7	417	4	413		
L	17161	7	17171	8	418	5	512	- SB23	
L	17171	8	17172	9	419	4	413		
L	17172	9	17182	6	510	5	512	- SB23	
L	17182	6	17181	3	511	4	410		
L	17181	3	17181	9	512	5	512	- SB23	
L	17181	9	17191	1	513	4	410		
L	17191	1	17191	6	514	5	516		
L	17191	6	17191	7	515	4	410		
L	17191	7	18102	2	516	5	516		
L	18102	2	18101	5	517	4	410		
L	18101	5	18101	5	518	4	414	large sph flame structure, into the hanging wall.	
L	18101	5	18101	5	519	4	410	CO <sub>2</sub> clots.	
L	18101	5	18101	6	610	5	519		
L	18101	6	18101	6	611	5	510	py at the hanging wall.	
L	18101	6	18101	8	612	4	411	- CO <sub>2</sub> clots, qtz bands.	
L	18101	8	18101	9	613	4	414		
L	18101	9	18111	1	614	4	410		
L	18111	1	18111	1	615	4	414		
L	18111	1	18111	2	616	4	410		
L	18111	2	18111	2	617	4	410	massive banded barite, py very minor, interbedded qtz.	
L	18111	2	18111	2	618	4	414		

Code	From	To	Unit	Code	Description	
1	10	14	16	20	22 23 25 27	
L	181144	181145	619	4D4		
L	181145	181148	710	4G4		
L	181148	181155	711	4D4	sph honey coloured, low Fe	
L	181155	181158	712	4G4	massive barite, very minor py.	
L	181158	181164	713	4G4		
L	181164	181178	714	4D4		
L	181178	181199	715	4G4	py increasing toward the footwall.	
L	181199	181202	716	4H4		
L	181202	181228	717	5B2	-SB23.	
L	181228	181301	718	5B6		
L	181301	181306	719	4L7		
L	181306	181327	810	4L4	-4L42.	
L	181327	181339	811	4L3		
L	181339	181345	812	5A9		
L	181345	181369	813	0R10		
L	181369	181372	814	4E7	Large po flame at the hanging wall, po present at both the footwall and hanging wall	
L	181372	181395	815	5B2	-SB23	
L	181395	181400	816	5A10		
L	181400	181404	817	5B6		
L	181404	181417	818	4A4		
L	181417	181429	819	4A10		
L	181429	181435	910	4E10		
L	181435	181440	911	4D10		
L	181440	181444	912	4A10		
L	181444	181451	913	4C10		
L	181451	181516	914	4A10		
L	181516	181517	915	4A10	Gauge zone.	
L	181517	181518	916	4L4		
L	181518	181519	917	5D13		
L	181519	181599	918	4A10		
L	181599	181607	919	5A9		
L	181607	181609	00	5A9	-gauge zone.	
L	181609	181702	01	5B6	-faintly altered to 4L	
L	181702	181714	02	4L7		



Core Code	From				To				Feature	E S	S <sub>1</sub>		S <sub>2</sub>		Description
	10	14	16	20	22	24	26	28			Dip	Direct.	Dip	Direct.	
				2183	CIS12									overburden - no core	
S				2183	CIS12						8.0	18.5			
S				323	CIS12						7.0	18.5			
S				384	CIS12						6.6	18.5			
S				445	CIS12						7.7	18.5			
S				506	CIS12						8.6	18.5			
S				567	CIS12						8.5	18.5			
S				628	CSR						6.6	18.5			
S				689	CSR						7.5	18.5			
S				728	CSR						8.3	18.5			
S				792	CSR						8.2	18.5			
S				841	CIS12						8.4	18.5			
S				890	CIS12						8.8	18.5			
S				948	CIS12						7.4	18.5			
S				1003	CIS12						4.3	18.5			
S				1064	CIS12						6.6	18.5			
S				1116	CIS12						7.6	18.5			
S				1177	CIS12						7.8	18.5			
S				1237	CIS12						5.7	18.5			
S				1298	CIS12						8.1	18.5			
S				1359	CIS12						6.5	18.5			
S				1420	CIS12						8.0	18.5			
S				1481	CIS12						8.2	18.5			
S				1542	CIS12						7.1	18.5			
S				1610	CIS12						7.1	18.5			
S				1675	CIS12						8.4	18.5			
S				1731	CIS12						7.5	18.5			
S				1792	CIS12						7.7	18.5			
S				1847	CIS12						7.5	18.5			
S				1908	CIS12						7.9	18.5			
S				1969	CIS12						8.4	18.5			
S				2030	CIS12						8.0	18.5			
S				2091	CIS12						7.7	18.5			
S				2152	CIS12						8.6	18.5			
S				2213	CIS12						8.2	18.5			
S				2274	CIS12						5.9	18.5			

## Structural Log

Core Code	From		To		Feature	E of S <sub>1</sub>	S <sub>1</sub> Dip Direct.		S <sub>2</sub> Dip Direct.		Description
	10	14	16	20			22	24	26	28	
S				2335	C/S2				42	185	
S				2346	C/S2				85	185	
S				2457	C/S2				82	185	
S				2524	C/S2				87	185	
S				2585	C/S2				90	185	
S				2639	C/S2				75	185	
S				2710	C/S2				73	185	
S				2716	C/S2				80	185	
S				2822	C/S2				83	185	
S				2914	C/S2				79	185	
S				2975	P/S2				83	185	
S				3036	P/S2				89	185	
S				3100	P/S2				84	185	
S				3158	C/S2				75	185	
S				3219	C/S2				80	185	
S				3279	C/S2				79	185	
S				3340	C/S2				84	185	
S				3401	C/S2				82	185	
S				3462	C/S2				81	185	
S				3523	C/S2				82	185	
S				3584	C/S2				76	185	
S				3645	C/S2				85	185	
S				3706	C/S2				85	185	
S				3767	C/S2				65	185	
S				3828	C/S2				88	185	
S				3883	C/S2				85	185	
S				3938	C/S2				79	185	
S				3999	C/S2				89	185	
S				4060	C/S2				72	185	
S				4121	C/S2				77	185	
S				4182	C/S2				80	185	
S				4255	C/S2				90	185	
S				4316	C/S2				83	185	
S				4377	C/S2				83	185	
S				4438	C/S2				65	185	
S				4499	C/S2				78	185	

Core Code	From				To				Feature E S <sub>1</sub>	S <sub>1</sub>		S <sub>2</sub>		Description
	10	14	16	20	22	24	26	28		Dip	Direct.	Dip	Direct.	
S				4,560							8,3	1,8,5		
S				4,621							7,4	1,8,5		
S				4,682							8,5	1,8,5		
S				4,743							7,5	1,8,5		
S				4,791							7,6	1,8,5		
S				4,852							6,1	1,8,5		
S				4,895							8,1	1,8,5		
S				4,956							7,5	1,8,5		
S				5,017							8,8	1,8,5		
S				5,078							8,0	1,8,5		
S				5,139							8,0	1,8,5		
S				5,200							8,0	1,8,5		
S													Dyke 5240 - 537.5	
S				5,383							8,6	1,8,5		
S				5,434							8,6	1,8,5		
S				5,495							7,5	1,8,5		
S				5,559							8,6	1,8,5		
S				5,620							8,0	1,8,5		
S				5,681							8,0	1,8,5		
S				5,742							8,7	1,8,5		
S				5,809							8,5	1,8,5		
S				5,864							8,3	1,8,5		
S				5,928							6,7	1,8,5		
S				5,986							7,7	1,8,5		
S				6,047							4,8	1,8,5		
S				6,108							7,0	1,8,5		
S				6,172							7,5	1,8,5		
S				6,230							7,6	1,8,5		
S				6,291							6,6	1,8,5		
S				6,352							8,1	1,8,5		
S				6,410							6,3	1,8,5		
S				6,455							7,5	1,8,5		
S				6,516							8,3	1,8,5		
S				6,582							7,7	1,8,5		
S				6,643							7,7	1,8,5		
S				6,705							8,0	1,8,5		

Structural Log

Code	From				To				Feature	E N	S <sub>1</sub>		S <sub>2</sub>		Description
	10	14	16	20	22	24	26	28			Dip	Direct.	Dip	Direct.	
S				67	66			CS2			77		185		
S				68	12			CS2			64		185		
S				68	76			CS2			79		185		
S				68	37			CS2			80		185		
S				69	98			CS2			74		185		
S				70	59			CS2			76		185		
S				71	20			CS2			65		185		
S				71	81			CS2			74		185		
S				72	42			CS2			71		185		
S				73	03			CS2			68		185		
S				73	64			CS2			78		185		
S				74	25			CS2			83		185		
S				74	82			CS2			78		185		
S				75	47			CS2			85		185		
S				76	07			CS2			74		185		
S				76	68			CS2			72		185		
S				77	29			CS2			89		185		
S				77	90			CS2			76		185		
S				78	51			CS2			78		185		
S				79	12			CS2			79		185		
S				79	58			CS2			79		185		
S				80	19			CS2			86		185		
S				80	80			CS2			48		185		
S				81	14			CS2			50		185		
S				82	05			CS2			82		185		
S				82	59			CS2			72		185		
S				83	30			CS2			64		185		
S				83	94			CS2			73		185		
S				84	11			CS2			71		185		
S				85	22			CS2			70		185		
S				85	80			CS2			75		185		
S				86	53			CS2			67		185		
S				87	14			CS2			65		185		
S				87	75			CS2			61		185		
S				88	33			CS2			75		185		
S				88	94			CS2			82		185		



Depth (m)	From		To		Sample No.	Weight (kg)	Description
	10	14	18	22			
P	16141	5	16142	0	13121717	0.5	4L274
P	16142	0	16142	5	13121718	0.5	4CB
P	16142	5	16144	1	13121719	1.6	4A47
P	16144	1	16145	1	13121810	1.0	4E1
P	16145	1	16147	9	13121811	2.8	4L37
P	16147	9	16149	1	13121812	1.2	4L274
P	16149	1	16151	1	13121818	2.0	4C27+B
P	16151	1	16152	1	13121814	1.0	4C27+B
P	16152	1	16155	0	13121815	2.9	4L4B2
P	16155	0	16156	8	13121816	1.8	4L79
	111		111		11111		
	111		111		11111		
P	16187	3	16187	5	13121817	0.2	4A74
P	16187	5	16189	6	13121818	2.1	4C4B
P	16189	6	16191	6	13121819	2.0	4L37
P	16191	6	16192	6	13121910	2.0	4L27
P	16193	6	16194	9	13121911	1.3	4L27
P	16194	9	16195	9	13121912	2.0	4L7
	111		111		11111		
P	17110	8	17112	1	13121618	1.3	4L3
P	17112	1	17114	3	13121619	2.2	4C0/7
P	17114	3	17115	7	13131710	1.4	4L3
P	17115	7	17116	9	13131711	1.2	4C79
P	17116	9	17119	9	13131712	3.0	4L3
P	17119	9	17211	1	13131713	1.2	4C0
P	17211	1	17223	3	13131714	1.2	4E0
	111		111		11111		
P	171312	5	17134	0	13131715	1.5	4A0
P	171314	0	171315	1	13131716	1.1	4C0
P	171315	1	171315	4	13131717	0.3	4L0
	171315	4	171315	2	13131718	0.3	4C0
	111		111		11111		
P	181015	0	181015	3	13131719	0.3	4G4
P	181015	3	181015	7	13131810	0.24	4C0 X
P	181015	7	181015	8	13131811	1.1	5B0/9

Code	From			To			Sample No.	Description
	10	14	16	20	22	27		
P	1810	18	6	1810	18	1	13131812	0.5 4G4
P	1810	19	1	1811	11	5	13131814	2.4 4C0
P	1811	11	5	1811	11	8	13131815	0.3 4G4
P	1811	11	8	1811	12	6	13131816	0.7 4E0
P	1811	12	6	1811	12	9	13131817	0.4 4G0
P	1811	12	9	1811	11	4	13131818	1.5 4G4
P	1811	14	4	1811	15	5	13131819	1.1 4D4/4G4
P	1811	15	5	1811	16	4	13131910	0.9 4G4/0
P	1811	16	4	1811	17	8	13131911	1.4 4D4
P	1811	17	8	1811	19	9	13131912	2.1 4G4
P	1811	19	9	1812	20	2	13131913	0.3 4H0
	1811	19	9	1811	19	9	13131913	
P	1812	10	6	1813	12	7	13131914	2.1 4L42
P	1813	12	7	1813	13	9	13131915	1.2 4L3
	1813	12	7	1813	12	7	13131915	
P	1813	16	9	1813	17	2	13131916	0.3 4E7
	1813	16	9	1813	16	9	13131916	
P	1814	10	4	1814	11	7	13131917	1.3 4A4
P	1814	11	7	1814	12	9	13131918	1.2 4A0
P	1814	12	9	1814	13	5	13131919	0.6 4E0
P	1814	13	5	1814	14	0	1314010	0.5 4A0
P	1814	14	0	1814	15	1	1314011	1.1 4C0
P	1814	15	1	1814	17	1	1314012	2.0 4A0
P	1814	17	1	1814	19	1	1314013	2.0 4A0
P	1814	19	1	1815	11	1	1314014	2.0 4A0
P	1815	11	1	1815	13	1	1314015	2.0 4A0
P	1815	13	1	1815	15	1	1314016	2.0 4A0
P	1815	15	1	1815	17	0	1314017	1.9 4A0
P	1815	17	0	1815	18	2	1314018	1.2 4L4
	1815	17	0	1815	17	0	1314018	
P	1819	13	9	1819	15	0	1314019	1.1 4A0
P	1819	15	0	1819	16	1	1314110	1.1 4L7
	1819	15	0	1819	15	0	1314110	
	1819	15	0	1819	15	0	1314110	
	1819	15	0	1819	15	0	1314110	

79-X-17



79-X-18

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 79-X-18

Fabric Orientation Diagram:

Project: DY

Location: VANGORDA PLATEAU

Claim: DY-184

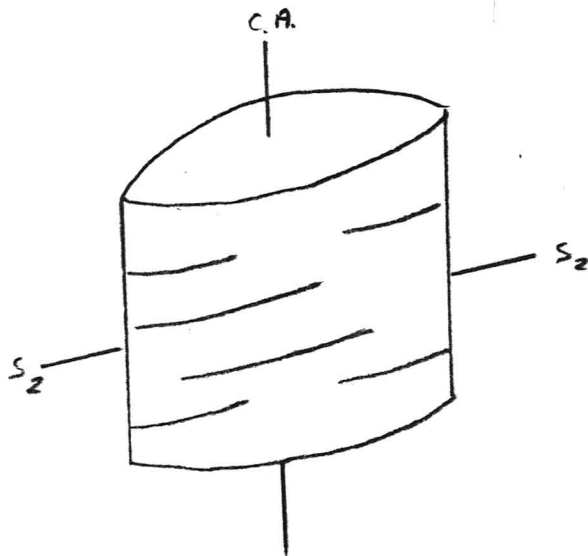
Terr. Plane  
Co-ords.: 6,900,919.45 N

597,223.21 E

Grid  
Co-ords.: L15+00E

3255

Elevation: 1141.78 m



All symmetry determinations looking

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

SW with dip azimuth 185.

Total Depth: 892.1 m

Purpose: EXTENSION OF HIGH GRADE ENCOUNTERED IN 79-X-06

Logged by: BYH

Date(s) Logged: Oct 1<sup>st</sup> - Oct 22<sup>nd</sup>, 1979

Drilling

Contractor: ARCTIC

Core:	Size	From	To	Collar Cased and Capped:
<u>NO</u>	<u>18.9</u>	<u>892.1</u>		<u>NO</u>

Started: Sept 29, 1979 Completed: Oct 22, 1979





Code	From	To	Unit	Code	Description
	10 14 16	20 22 23 25 27			
L	1 1010 0	1 1118 9	11	#	OIB NO CORE
L	1 1118 9	1 1541	12	SIB10	
L	1 1541	1 1555	13	SID13	
L	1 1555	1 1559	14	SIB16	
L	1 1559	1 1573	15	SID13	
L	1 1573	1 1678	16	SIB10	
L	1 1678	1 1682	17	SID13	
L	1 1682	1 1733	18	SIB10	
L	1 1733	1 1741	19	SP13	
L	1 1741	1 1773	110	SIB10	
L	1 1773	1 1776	111	SID13	
L	1 1776	1 1317 8	112	SIB10	
L	1 1317 8	1 1318 4	113	SIB12	-SB23
L	1 1318 4	1 171 8	114	SIB10	
L	1 171 8	1 1717 4	115	SIB12	-SB23
L	1 1717 4	12013 5	116	SIB10	
L	12013 5	12014 0	117	SID13	
L	12014 0	12211 1	118	SIB10	
L	12211 1	12211 6	119	SIB10	GOUGE ZONE
L	12211 6	12217 8	120	SIB10	
L	12217 8	12228 1	121	SID10	
L	12228 1	12313 1	122	SIB10	
L	12313 1	12313 7	123	SIB10	GOUGE AND BROKEN CORE ZONE
L	12313 7	13010 5	124	SIB10	
L	13010 5	13010 9	125	SID13	
L	13010 9	13015 3	126	SIB10	
L	13015 3	13015 5	127	SIB10	GOUGE ZONE
L	13015 5	13110 1	128	SIB10	
L	13110 1	13110 3	129	SID13	
L	13110 3	13111 1	130	SIB10	
L	13111 1	13112 6	131	SIB12	-SB23
L	13112 6	13113 5	132	SIB10	
L	13113 5	13216 9	133	OF9	-OF92 plag altered to keel, minor mont.
L	13216 9	13217 5	134	OF7	-OF72
L	13217 5	13218 1	135	OF9	-matrix appears altered to keel, very soft

Code	From	To	Unit	Code	Description
	10 14 16	20 22 23 25 27			
L	132181	132186	316	01F7	- 0F72
L	132186	133125	317	51B16	
L	133125	134167	318	51B10	
L	134167	134168	319	51B10	Gouge zone
L	134168	136112	410	51B10	
L	136112	136124	411	51D13	
L	136124	136138	412	51B10	
L	136138	136147	413	51D13	
L	136147	137184	414	51B10	
L	137184	137187	415	51D13	
L	137187	137189	416	51B10	
L	137189	137192	417	51B10	Gouge zone
L	137192	137197	418	51D13	
L	137197	138125	419	51B10	
L	138125	138168	50	51B16	
L	138168	140148	511	51B10	
L	140148	140150	512	51B10	Gouge zone
L	140150	142192	513	51B10	
L	142192	143107	514	51B10	- zone of broken core
L	143107	143157	515	51B10	
L	143157	144174	516	51B16	
L	144174	144190	517	51B10	
L	144190	145129	518	51B10	- zone broken core
L	145129	146103	519	51B10	
L	146103	146139	610	51B16	
L	146139	147115	611	51B10	
L	147115	147136	612	51B16	
L	147136	147165	613	51B10	
L	147165	148112	614	51B16	
L	148112	150135	615	51B10	
L	150135	150181	616	51B16	
L	150181	151121	617	51B10	
L	151121	151122	618	51B10	- Gouge zone
L	151122	151152	619	51B10	
L	151152	151197	70	51B16	
L	151197	152047	71	51B10	

Lithologic Log

Code	From	To	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
L	151210 4	151210 6	712	51B10	- gauge zone.
L	151210 6	151217 3	713	51B10	
L	151217 3	151417 7	714	51B16	
L	151417 7	151518 5	715	51B10	
L	151518 5	151518 9	716	51D10	
L	151518 9	151610 5	717	51B16	
L	151610 5	151612 2	718	51B12	- SB23
L	151612 2	151617 1	719	51B10	
L	151617 1	151711 5	810	51B12	- SB23
L	151711 5	151811 4	811	51B10	
L	151811 4	151812 1	812	51B12	- SB26
L	151812 1	151815 1	813	51D10	
L	151815 1	151817 6	814	51B10	
L	151817 6	151817 8	815	51B10	gauge zone
L	151817 8	151913 1	816	51B10	
L	151913 1	161010 3	817	51B12	- SB23
L	161010 3	161011 5	818	51B10	- zone of broken core and gauge
L	161011 5	161117 5	819	51B10	
L	161117 5	161222 6	910	51B17	- SB76
L	161222 6	161214 3	911	51D10	
L	161214 3	161215 2	912	51D13	
L	161215 2	161216 5	913	51D10	
L	161216 5	161217 1	914	51B16	
L	161217 1	161313 9	915	41L17	- 4L73
L	161313 9	161314 2	916	41C17	
L	161314 2	161314 9	917	41C17	- 4C78
L	161314 9	161317 1	918	41C18	
L	161317 1	161317 6	919	41E10	
L	161317 6	161318 3	1010	41G14	
L	161318 3	161318 8	1011	41C18	- 4C89
L	161318 8	161319 4	1012	41E18	minor gtz bands
L	161319 4	161410 3	1013	41A10	
L	161410 3	161511 1	1014	41C17	- 4C79, cpy in tension gashes
L	161511 1	161511 5	1015	41A10	
L	161511 5	161514 4	1016	41L17	
L	161514 4	161514 8	1017	41D14	

Code	From	To	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
L	161514 8	161516 2	018	41G10	
L	161516 2	161516 4	019	41H14	
L	161516 4	161516 8	110	41L17	
L	161516 8	161517 5	111	41H14	
L	161517 5	161518 1	112	41C18	
L	161518 1	161518 5	113	41G14	
L	161518 5	161519 4	114	41C10	large clots of gtz, appears to be the result of soft rock deformation.
L	161519 4	161519 9	115	41G14	
L	161519 9	161610 8	116	51D10	-large gtz bands interbedded with chloritic bands.
L	161610 8	161612 3	117	41G14	
L	161612 3	161612 8	118	41E11	
L	161612 8	161613 1	119	41A14	
L	161613 1	161613 4	210	41E10	
L	161613 4	161613 7	211	41D10	
L	161613 7	161617 3	212	41A10	
L	161617 3	161618 5	213	41A10	Gouge zone.
L	161618 5	161711 7	214	41C10	
L	161711 7	161712 1	215	51B12	-SB26
L	161712 1	161715 2	216	41K16	faintly altered version of SB26.
L	161715 2	161716 3	217	51B12	-SB26.
L	161716 3	161716 5	218	51A17	
L	161716 5	161717 8	219	41L13	
L	161717 8	161718 3	310	51A10	
L	161718 3	161719 4	310	41L10	
L	161719 4	161811 5	312	51A10	✓
L	161811 5	161815 3	313	51B12	-SB26
L	161815 3	161818 6	314	51B16	
L	161818 6	161819 4	315	51A10	
L	161819 4	161911 8	316	51B16	
L	161911 8	161912 7	317	51D10	Gouge zone.
L	161912 7	161913 3	318	51B12	gouge zone.
L	161913 3	161914 4	319	51B12	-SB26.
L	161914 4	161914 9	410	41L13	
L	161914 9	161915 2	411	41E10	

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Lithologic Log

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Logged By: BVH

Core Code	From		To		Unit		Code		Description
	10	14	16	20	22	23	25	27	
L	1619	152	1619	154	41	41	41	410	✓
L	1619	154	1619	158	42	42	42	410	
L	1619	158	1619	165	43	43	43	51816	
L	1619	165	1619	175	44	44	44	51013	
L	1619	175	1619	186	45	45	45	51816	
L	1619	186	1710	106	46	46	46	51013	
L	1710	106	1710	138	47	47	47	51810	
L	1710	138	1710	140	48	48	48	51013	- gouge zone.
L	1710	140	1710	162	49	49	49	51013	
L	1710	162	1710	165	50	50	50	51812	- SB23.
L	1710	165	1710	186	51	51	51	51817	- SB73
L	1710	186	1711	133	52	52	52	51810	
L	1711	133	1711	141	53	53	53	51013	
L	1711	141	1720	154	54	54	54	51810	
L	1720	154	1720	167	55	55	55	51013	
L	1720	167	1723	154	56	56	56	51810	
L	1723	154	1723	159	57	57	57	51013	
L	1723	159	1723	180	58	58	58	51812	- SB26
L	1723	180	1723	186	59	59	59	41814	
L	1723	186	1724	105	60	60	60	41010	4E1 740.5 - 741.2
L	1724	105	1724	112	61	61	61	4E1	
L	1724	112	1724	119	62	62	62	41610	
L	1724	119	1724	148	63	63	63	41814	
L	1724	148	1725	147	64	64	64	41810	
L	1725	147	1725	153	65	65	65	41810	- gouge zone.
L	1725	153	1725	163	66	66	66	51010	✓
L	1725	163	1725	184	67	67	67	51810	- gouge zone.
L	1725	184	1725	195	68	68	68	51814	maxiposite found along fractures.
	1725	195	1725	200					756.4 - 757.0
L	1725	195	1725	197	69	69	69	41810	
L	1725	197	1726	100	70	70	70	41810	
L	1726	100	1726	122	71	71	71	41810	
L	1726	122	1726	135	72	72	72	41810	
L	1726	135	1726	158	73	73	73	41813	- 4437
L	1726	158	1726	163	74	74	74	51013	
L	1726	163	1726	176	75	75	75	41817	
L	1726	176	1726	197	76	76	76	51013	✓

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## Lithologic Log

Logged By: B V H

Code	From	To	Unit	Code	Description
1	10 14 16	20 22 23 25 27			
L	1716197	1717111	77	4L13	- 4L37
L	1717111	1717114	78	5D13	
L	1717114	171721	79	4L13	- 4L37 ✓
L	171721	171728	80	5D13	✓
L	171728	171731	81	4L17	✓
L	171731	171744	82	5D13	✓
L	171744	171759	83	4L13	- 4L37
L	171759	171781	84	5B16	
L	171781	171796	85	4L13	- 4L37
L	171796	171818	816	4L10	- faintly altered SB6.
L	171818	171824	817	5B10	
L	171824	171852	818	4L10	- grading into 4L4 in places
L	171852	171916	819	5B16	
L	171916	1719185	910	4L10	- possibly SD4 sulphides very minor
L	1719185	1813176	911	5B16	
L	1813176	1813184	912	4L17	
L	1813184	1813194	913	5B16	
L	1813194	1814117	914	4L17	
L	1814117	1814126	915	5B16	
L	1814126	1814133	916	4L17	
L	1814133	1814138	917	5B16	
L	1814138	1814148	918	4L17	
L	1814148	1814153	919	5B16	
L	1814153	1814189	010	4L13	- 4L37
L	1814189	1815109	011	5B16	
L	1815109	1815130	012	4L17	
L	1815130	1815178	013	5B16	
L	1815178	1815179	014	5B16	Breccia zone.
L	1815179	1816107	015	5B16	
L	1816107	1816138	016	4L10	
L	1816138	1816147	017	5B12	- SB26 contact zone Mt = Myc / V.G.
L	1816147	1816178	018	4L10	
L	1816178	181720	019	5B16	
L	181720	181741	110	4L17	
L	181741	181756	111	5B12	- SB26
L	181756	181758	112	5B12	- SB26 post F2 breccia, angular clasts





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Structural Log

Logged By: \_\_\_\_\_

Code	From		To		Feature	E S	S <sub>1</sub> Dip Direct.		S <sub>2</sub> Dip Direct.		Description
	10	14	16	20			22	24	26	28	
S				2,307	CS2				6,7	1,8,5	
S				2,368	CS2				8,5	1,8,5	
S				2,429	CS2				8,5	1,8,5	
S				2,492	CS2				8,3	1,8,5	
S				2,545	CS2				5,8	1,8,5	
S				2,606	CS2				7,1	1,8,5	
S				2,673	CS2				7,2	1,8,5	
S				2,737	CS2				7,6	1,8,5	
S				2,795	CS2				8,4	1,8,5	
S				2,856	CS2				6,7	1,8,5	
S				2,910	CS2				8,6	1,8,5	
S				3,007	CS2				8,0	1,8,5	
S				3,069	CS2				7,5	1,8,5	
S				3,132	CS2				8,5	1,8,5	
											Dyke 313.5 - 328.6
S				3,310	CS2				7,7	1,8,5	
S				3,371	CS2				8,1	1,8,5	
S				3,426	CS2				7,9	1,8,5	
S				3,490	CS2				7,3	1,8,5	
S				3,551	CS2				8,1	1,8,5	
S				3,612	CS2				8,6	1,8,5	
S				3,674	CS2				8,1	1,8,5	
S				3,731	CS2				8,6	1,8,5	
S				3,798	CS2				7,1	1,8,5	
S				3,859	CS2				7,0	1,8,5	
S				3,923	CS2				7,8	1,8,5	
S				3,984	CS2				7,9	1,8,5	
S				4,045	CS2				8,0	1,8,5	
S				4,110	CS2				7,0	1,8,5	
S				4,116	CS2				8,0	1,8,5	
S				4,212	CS2				7,3	1,8,5	
S				4,218	CS2				8,5	1,8,5	
S				4,313	CS2				6,5	1,8,5	
S				4,318	CS2				6,2	1,8,5	
S				4,438	CS2				7,7	1,8,5	
S				4,493	CS2				8,8	1,8,5	

DDH 7, 9, -X, -1, 8  
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## Structural Log

Logged By: BYH

Code	From		To		Feature	SYM	S <sub>1</sub>		S <sub>2</sub>		Description
	10	14	16	20			22	24	26	28	
S			4516	3	C512				7.9	18.5	
S			4612	4	C512				8.2	18.5	
S			4711	5	C512				7.9	18.5	
S			4717	6	C512				8.0	18.5	
S			4813	2	C512				8.7	18.5	
S			4819	5	C512				8.4	18.5	
S			4915	6	C512				8.5	18.5	
S			5011	7	C512				7.9	18.5	
S			5018	1	C512				8.0	18.5	
S			5113	9	C512				6.5	18.5	
S			5119	7	C512				9.0	18.5	
S			5215	8	C512				7.5	18.5	
S			5311	9	C512				7.9	18.5	
S			5318	0	C512				7.7	18.5	
S			5414	2	C512				6.5	18.5	
S			5510	4	C512				7.3	18.5	
S			5516	8	C512				8.3	18.5	
S			5612	9	C512				8.6	18.5	
S			5619	0	C512				7.6	18.5	
S			5715	1	C512				8.2	18.5	
S			5811	2	C512				6.4	18.5	
S			5817	3	C512				7.9	18.5	
S			5913	4	C512				7.1	18.5	
S			5919	5	C512				8.2	18.5	
S			6015	6	C512				6.6	18.5	
S			6111	7	C512				8.1	18.5	
S			6117	8	C512				8.0	18.5	
S			6213	9	C512				6.5	18.5	
S			6300	0	C512				6.7	18.5	
S			6316	1	C512				6.5	18.5	
S			6412	2	C512				8.5	18.5	
S			6418	3	C512				5.1	18.5	
S			6514	4	C512				5.3	18.5	
S			6605	5	C512				7.5	18.5	
S			6611	6	C512				7.0	18.5	
S			6717	6	C512				6.3	18.5	



Code	From	To	Sample No.	Description
	10 14 16 20 22 27			
P	161217 1	161219 1	1314613	2.0 4L73
P	161219 1	161311 1	13141614	2.0 4L73
P	161311 1	161313 9	13141615	2.8 4L73
P	161313 9	161314 2	13141616	0.3 4C7
P	161314 2	161314 9	13141617	0.7 4C78
P	161314 9	161317 1	13141618	2.2 4C8
P	161317 1	161317 6	13141619	0.5 4E0
P	161317 6	161318 2	13141710	0.6 4G4
P	161318 2	161318 8	13141711	0.6 4C8
P	161318 8	161319 4	13141712	0.6 4E8
P	161319 4	161410 4	13141713	1.0 4A0
P	161410 4	161413 1	13141714	2.7 4C7
P	161413 1	161415 1	13141715	2.0 4C7
P	161415 1	161417 1	13141716	2.0 4C7
P	161417 1	161419 1	13141717	2.0 4C7
P	161419 1	161511 1	13141718	2.0 4C7
P	161511 1	161511 5	13141719	0.4 4A0
P	161511 5	161513 5	13141810	2.0 4L7
P	161513 5	161514 4	13141811	0.9 4L7
P	161514 4	161514 8	13141812	0.4 4D4
P	161514 8	161516 2	13141813	1.4 4C0
P	161516 2	161516 8	13141814	0.6 4H4/4L7
P	161516 8	161517 5	13141815	0.7 4H4
P	161517 5	161518 1	13141816	0.6 4C8
P	161518 1	161518 5	13141817	0.4 4G4
P	161518 5	161519 4	13141818	0.9 4C0
P	161519 4	161519 9	13141819	0.5 4C4
P	161519 9	161610 8	13141910	0.9 5D0
P	161610 8	161612 3	13141911	1.5 4G4
P	161612 3	161612 8	13141912	0.5 4E1
P	161612 8	161613 4	13141913	0.6 4A4/4E0
P	161613 4	161613 7	13141914	0.3 4D0
P	161613 7	161615 7	13141915	2.0 4A0
P	161615 7	161618 5	13141916	2.8 4A0
P	161618 5	161710 5	13141917	2.0 4C0



No	From		To		Sample No.		Description
	10	14	16	20			
P	161217	1	161219	1	11314613	2.0	4L73
P	161219	1	161311	1	11314614	2.0	4L73
P	161311	1	161313	9	11314615	2.8	4L73
P	161313	9	161314	2	11314616	0.3	4C7
P	161314	2	161314	9	11314617	0.7	4C78
P	161314	0	161317	1	11314618	2.2	4C8
P	161317	1	161317	6	11314619	0.5	4E0
P	161317	6	161318	2	11314710	0.6	4G4
P	161318	2	161318	8	11314711	0.6	4C8
P	161318	8	161319	4	11314712	0.6	4E8
P	161319	4	161410	4	11314713	1.0	4A0
P	161404	4	161413	1	11314714	2.7	4C7
P	161413	1	161415	1	11314715	2.0	4C7
P	161415	1	161417	1	11314716	2.0	4C7
P	161417	1	161419	1	11314717	2.0	4C7
P	161419	1	161511	1	11314718	2.0	4C7
P	161511	1	161511	5	11314719	0.4	4A0
P	161511	5	161513	5	11314810	2.0	4L7
P	161513	5	161514	4	11314811	0.9	4L7
P	161514	4	161514	8	11314812	0.4	4D4
P	161514	8	161516	2	11314813	1.4	4C0
P	161516	2	161516	8	11314814	0.6	4H4/4L7
P	161516	8	161517	5	11314815	0.7	4H4
P	161517	5	161518	1	11314816	0.6	4C8
P	161518	1	161518	5	11314817	0.4	4G4
P	161518	5	161519	4	11314818	0.9	4C0
P	161519	4	161519	9	11314819	0.5	4C4
P	161519	9	161610	8	11314910	0.9	5D0
P	161610	8	161612	3	11314911	1.5	4G4
P	161612	3	161612	8	11314912	0.5	4E1
P	161612	8	161613	4	11314913	0.6	4A4/4E0
P	161613	4	161613	7	11314914	0.3	4D0
P	161613	7	161615	7	11314915	2.0	4A0
P	161615	7	161618	5	11314916	2.8	4A0
P	161618	5	161710	5	11314917	2.0	4C0

