

DY LOGS

1979

79X-01 ⇒ 79X-05

015002

79X-01

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Structured
data
entries

Hole Number: 79X-01

Fabric Orientation Diagram:

Project: DY

Location: Vungorda Plateau

Claim: DY 184

Terr. Plane
Co-ords.: _____ N

N

E

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

Elevation: _____

All symmetry determinations looking

NW with S₂ dipping

50° with dip azimuth 185.

Total Depth: _____

Purpose: DY fill-in section 15+00

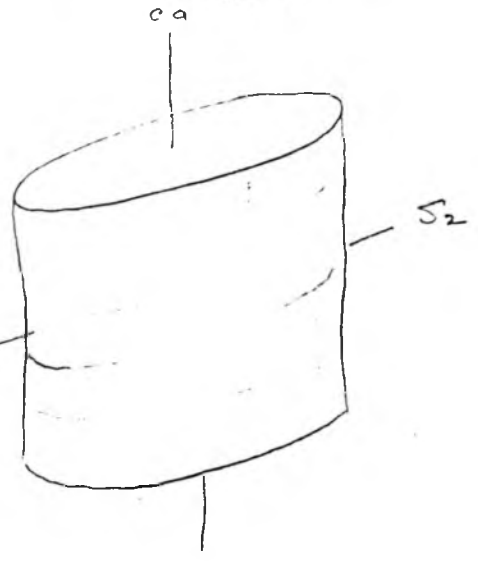
Logged by: BVH/DSJ

Date(s) Logged: April 11 -

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

Core	Size	From	To	Collar Cased and Capped
<u>NQ</u>				

Started: _____ Completed: _____



Code	From	To	Unit	Code	Description
1	10 14 16	20 22 23 25 27			
L	11500	1154	1	#	O/B
L	1154	1160	2	5B0	Monotonous interval of typical 5B w/ prevalent OGO "pods/sweats": no significant variation over entire interval
L	1160	1410	13	5B6	Non-scale, numerous OGO "sweats"
L	1410	1803	14	5B0	} Entire interval 5.4 to 237.2 M is 5B w/ only significant variation = CO ₂ content
L	1803	1127	15	5B6	
L	1127	11138	16	5B0	
L	11138	11211	17	5B6	
L	11211	11272	18	5B0	
L	11272	11595	19	5B6	
L	11595	11721	10	5B0	
L	11721	12001	11	5B6	
L	12001	12392	12	5B0	
L	12392	12552	13	OC6	
L	12552	12813	14	5B0	
L	12813	12969	15	5D0	
L	12969	13097	16	5B6	
L	13097	13464	17	5B0	
L	13464	13488	18	5B6	
L	13488	13515	19	5B0	
L	13515	13543	20	5B7	
L	13543	13638	21	5B0	
L	13638	13659	22	5B7	
L	13659	13815	23	5B0	
L	13815	13859	24	5B6	
L	13859	14077	25	5B0	
L	14077	14117	26	5B6	
L	14117	14163	27	5B0	
L	14163	14199	28	5B6	
L	14199	14230	29	5B7	
L	14230	14273	30	5D6	
L	14273	14296	31	5B6	
L	14296	14774	32	5B0	
L	14774	14788	33	5D3	
L	14788	14849	34	5B0	

Code	From	To	Unit	Code	Description
	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 <chem>CaCO3</chem>
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
L					foliated with random orientations.
L					abundant pyrite within a rock floor
L					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
L					to beige quartz muscovite
L					phyllite intercalated with
L					py laws 1mm thick unit vfg
L					massive not markedly phyllitic.
L	15380	15403	61	4K0	
L	15403	15454	62	4L	alternating bands of chl and mus,
L					originally a tuff?

Code	From	To	Unit	Code	Description
	10 14 16 20 22 23 25 27				
L	15415 4	15416 0	613	4L17	contains more pyrite than #62
L	15416 0	15417 3	614	4L10	same as #62
L	15417 3	15419 2	615	4C15	
L	15419 2	15510 1	616	4D10	visible galena
L	15510 1	15514 5	617	4L17	appears to be more thinly banded than #62
	1 1 1	1 1 1	1	1 1 1	
L	15514 5	15611 6	618	4A11	
L	15611 6	15725 5	619	5B10	
L	15725 5	15710 8	710	5D10	
L	15718 8	16015 3	711	5B0	
L	16015 3	16018 3	712	5D10	
L	16018 3	16143 9	713	5D17	
L	16143 9	16510 9	714	5A10	
L	161510 9	16162 7	715	4A10	appears to contain minor sph bands 651.0 - 651.2 4E0
	1 1 1	1 1 1	1	1 1 1	
L	16162 7	16170 2	716	5A19	
L	16170 2	16171 2	717	4L17	similar to #62 except there is considerably less chlorite! - gouge zone 675.0 - 681.3 m
	1 1 1	1 1 1	1	1 1 1	
	1 1 1	1 1 1	1	1 1 1	
L	16171 2	16171 8 7	718	5A0	
L	16171 8 7	16181 3	719	4L17	similar to # 77
L	16181 3	16182 0	810	4C15	vuggy, due to the dissolution of CaCO ₃ , possibly related to water circulating within the gouge zone
	1 1 1	1 1 1	1	1 1 1	
	1 1 1	1 1 1	1	1 1 1	
L	16182 0	16181 3 5	811	4G10	
L	16181 3 5	16181 4 0	812	4L17	similar to #62 gouge zone 683.5-684.2
L	16181 4 0	16181 6 0	813	5A10	gouge zone 685.9 - 686.0 m
L	16181 6 0	16195 8	814	5B2	-SB6 Breccia zone pre S ₂ 657.7, gouge zone 688.4-689.9
L	16195 8	16191 6 5	815	5B16	
L	16191 6 5	1701 3 3	816	5B12	-SB6
L	1701 3 3	1701 9 0	817	5B16	small pyritic band 3-4 cm 704.1 m
L	1701 9 0	1711 6 3	818	5B12	-SB6
L	1711 6 3	1711 9 5	819	5B12	
L	1711 9 5	1721 9 9	910	5B10	
L	1721 9 9	1721 6 2	911	5A10	
L	1721 6 2	1721 8 1	912	5D10	

Handwritten notes on the left margin, including a large bracket and some illegible scribbles.

Structural Log

Core No.	From		To		Feature	S ₁ Dip Direct.	S ₂ Dip Direct.		Description
	10	14 16	20	22 24 26 28			32 34	38	
S			54		F12S				triconed - no core 0-54
S			93		C1S12		515	11815	S sym 5.4 - 9.3 m.
S			120		F123		715	11815	Z sym 9.3 - 12.0 m
S			141		F12E				S sym 12.0 - 14.1 m
S			176		F123		710	11815	Z sym 14.1 - 17.6 m
S			229		C1S12		715	11815	
S			300		C1S12		618	11815	
S			342		F12E				S sym 17.6 - 34.2 m.
S			375		C1S12		710	11815	
S			435		C1S12		712	11815	
S			503		C1S12		812	11815	
S			526		F123				Z sym 34.2 - 52.6 m
S			568		C1S12		510	11815	
S			591		F12E				S sym 52.6 - 59.1 m.
S			634		C1S12		812	11815	
S			689		F123				Z sym 59.1 - 68.9 m
S			695		C1S12		910	11815	
S			750		C1S12		718	11815	!
S			796		F12E				S sym 68.9 - 79.6 m
S			832		C1S12		610	11815	
S			863		F123				Z sym 79.6 - 86.3 m
S			884		C1S12		813	11815	
S			894		F12E				S sym 86.3 - 89.4 m
S			922		F123				Z sym 89.4 - 92.2 m
S			950		C1S12		715	11815	
S			1012		C1S12		814	11815	
S			1073		C1S12		713	11815	
S			1114		C1S12		718	11815	
S			1200		C1S12		718	11815	
S			1216		C1S12		813	11815	
S			1262		F12E				S sym 92.2 - 126.2 m
S			1333		C1S12		716	11815	
S			1394		C1S12		712	11815	
S			1451		C1S12		710	11815	
S			1512		C1S12		710	11815	
S			1573		C1S12		713	11815	

Structural Log

Core No.	From		To		Feature	E N	S ₁ Dip Direct.		S ₂ Dip Direct.		Description
	10	14 16	20 22	24 26			28	32 34	38		
S		157.3		157.3	F23						Z sym 1262-157.3m
S		160.0		160.0	F2E						S sym 157.3-160.0m
S		163.3		163.3	C512				7.2	118.5	
S		169.5		169.5	C512				7.5	118.5	
S		176.0		176.0	C512				7.8	118.5	
S		182.1		182.1	C512				7.6	118.5	
S		186.3		186.3	C512				9.0	118.5	
S		192.0		192.0	F23						Z sym 160.0-192.0m
S		193.0		193.0	C512				5.6	118.5	
S		198.4		198.4	C512				6.3	118.5	
S		207.6		207.6	C512				6.3	118.5	
S		214.5		214.5	F2S				9.0	118.5	S sym 192.0-214.5
S		221.5		221.5	F2S				9.0	118.5	INT 214.5-221.5 S ₂ =hore
S		226.5		226.5	C512				7.5	118.5	
S		233.9		233.9	C512				7.0	118.5	
S		239.2		239.2	C512				6.7	118.5	
S		255.2		255.2	C512				8.2	118.5	
S		261.0		261.0	C512				8.3	118.5	!
S		267.0		267.0	C512				6.0	118.5	
S		271.0		271.0	F2E						S sym 214.5-271.0
S		273.7		273.7	C512				7.9	118.5	
S		275.7		275.7	F23						Z sym. 271.0-275.7
S		279.2		279.2	C512				7.0	118.5	
S		281.4		281.4	F2E						S sym. 275.7-281.4
S		285.6		285.6	C512				7.2	118.5	
S		285.6		285.6	F23						Z sym. 281.4-285.6m
S		287.2		287.2	F2E						S sym. 285.6-287.2m
S		287.1		287.1	C512				7.9	118.5	
S		288.5		288.5	C512				8.2	118.5	
S		288.5		288.5	F23						Z sym. 287.2-288.5m
S		291.3		291.3	C512				6.8	118.5	
S		294.4		294.4	C512				7.3	118.5	
S		296.9		296.9	C512				7.5	118.5	
S		299.3		299.3	F2E						S sym 288.5-299.3m
S		302.5		302.5	F23						Z sym 299.3-302.5
S		303.3		303.3	F2E						S sym 302.5-303.3

Structural Log

Code	From				To				Feature	E Dip	S ₁		S ₂		Description	
	10	14	18	20	22	24	26	28			32	34	36	Dip		Direct.
S				303	36	C/S	R					80	185			
S				305	8	F	Z	3								Z sym 303.3 - 305.8
S				309	7	C/S	R					85	185			
S				311	30	F	Z	E								S sym 305.8 - 313.0
S				311	33	C/S	R					82	185			
S				324	3	C/S	R					88	185			
S				336	4	C/S	R					85	185			
S				336	5	C/S	R					83	185			
S				339	3	F	Z	3								Z sym 313.0 - 339.3
S				342	6	C/S	R					86	185			
S				345	8	F	Z	E								S sym 339.3 - 345.8
S				347	7	F	Z	Z								P _S 347.7 - 349.1
S				348	8	P	S	2				89	185			
S				355	9	F	Z	3								Z sym 345.8 - 355.9
S				355	9	C/S	R					82	185			
S				359	6	F	Z	E								S sym 355.9 - 359.6
S				362	7	C/S	R					76	185			
S				362	9	F	Z	3								Z sym 359.6 - 362.9
S				366	5	F	Z	E								S sym 362.9 - 366.5
S				368	8	C/S	R					72	185			
S				369	4	F	Z	3								Z sym 366.5 - 369.4
S				373	4	C/S	R					62	185			
S				378	6	F	Z	E								S sym 369.4 - 378.6
S				378	7	C/S	R					72	185			
S				382	8	C/S	R					72	185			
S				387	9	F	Z	3					185			Z sym 378.6 - 387.9
S				388	9	C/S	R					73	185			
S				393	6	F	Z	E								S sym 387.9 - 393.6
S				395	6	C/S	R					80	185			
S				402	6	C/S	R					81	185			
S				409	0	C/S	R					70	185			
S				416	3	C/S	R					75	185			
S				418	5	F	Z	3								Z sym 393.6 - 418.5
S				422	4	C/S	R					70	185			
S				427	3	C/S	R					85	185			
S				432	1	F	Z	E								S sym 418.5 - 432.1

Structural Log

Code	From		To		Feature	F ₂	S ₁		S ₂		Description
	10	14	16	20			Dip	Direct.	Dip	Direct.	
	10	14	16	20	22	24	26	28	32	34	38
S				433	4	CIS	2		7.5	118.5	
S				433	5	F2	3				Z sym 432.1 - 433.5
S				439	5	CIS	2		7.5	118.5	
S				441	0	F2	Σ				S sym 433.5 - 441.0
S				446	1	CIS	2		7.5	118.5	
S				451	4	CIS	2		8.3	118.5	
S				456	9	CIS	2		8.0	118.5	
S				463	3	CIS	2		7.6	118.5	
S				469	7	CIS	2		8.1	118.5	
S				476	0	F2	Z				PS ₂ 476.0 - 478.5
S				476	6	PS	2		8.8	118.5	
S				478	9	F2	3				Z sym 476.0 - 478.9
S				482	2	CIS	2		8.5	118.5	
S				484	9	F2	Σ				S sym 478.9 - 484.9
S				486	4	F2	3				Z sym 484.9 - 486.4
S				489	5	CIS	2		8.2	118.5	
S				495	6	CIS	2		8.5	118.5	
S				500	0	F2	Σ				S sym 486.4 - 500.0
S				502	6	CIS	2		8.8	118.5	
S				504	5	F2	3				Z sym 500.0 - 504.5
S				509	0	FIS	2		7.1	118.5	
S				510	4	F2	Σ				S sym 504.5 - 510.4
S				516	3	CIS	2		7.2	118.5	
S				516	7	F2	3				Z sym 510.4 - 516.7
S				519	6	F2	Σ				S sym 516.7 - 519.6
S				521	1	F2	3				Z sym 519.6 - 521.1
S				522	7	CIS	2		7.6	118.5	
S				522	7	F2	Σ				S sym 521.1 - 522.7
S				525	4	F2	3				Z sym 522.7 - 525.4
S				528	8	CIS	2		7.0	118.5	
S				535	2	CIS	2		7.5	118.5	
S				541	3	CIS	2		8.2	118.5	
S				541	7	CIS	2		7.8	118.5	
S				551	3	CIS	2		8.1	118.5	
S				559	8	CIS	2		7.2	118.5	
S				565	7	CIS	2		8.4	118.5	

Structural Log

Code	From				To				Feature	E S	S ₁		S ₂		Description
	10	14	16	20	22	24	26	28			Dip Direct.	Dip Direct.	Dip Direct.	Dip Direct.	
S				15711	3	C1S12					70	11815			
S				15717	9	C1S12					72	11815			
S				15840		C1S12					80	11815			
S				15844		F2E									S sym 525.4 - 584.4 m
S				15853		F23									Z sym 584.4 - 585.3 m
S				15895		F2E									S sym 585.3 - 589.5 m
S				15911		F23									Z sym 589.5 - 591.1 m
S				15911		C1S12					80	11815			
S				15962		C1S12					81	11815			
S				16023		C1S12					69	11815			
S				16084		C1S12					80	11815			
S				16114	6	C1S12					85	11815			
S				16205		C1S12					82	11815			
S				16266		C1S12					78	11815			
S				16327		C1S12					78	11815			
S				16388		C1S12					73	11815			
S				16449		C1S12					76	11815			
S				16510		C1S12					86	11815			
S				16513	1	F2E									S sym 591.1 - 653.1 m
S				16517	1	F23									Z sym 653.1 - 657.1 m
S				16517	1	C1S12					79	11815			
S				16517	8	F2E									S sym 657.1 - 657.8 m
S				16518	4	F23									Z sym 657.8 - 658.4 m
S				16610	2	F2E									S sym 658.4 - 660.2 m
S				16611	3	F23									Z sym 660.2 - 661.3 m
S				16613	4	C1S12					76	11815			
S				16614	4	F2E									S sym 661.3 - 664.4 m
S				16619	6	C1S12					66	11815			
S				16726		F23									Z sym 664.4 - 672.6 m
S				16718	9	C1S12					70	11815			
S				16841		C1S12					64	11815			
S				16841		F2E									S sym 672.6 - 684.1
S				16860		F23									Z sym 684.1 - 686.0
S				16911	2	C1S12					68	11815			
S				16947		F2E									S sym 686.0 - 694.7
S				16967		C1S12					81	11815			

Structural Log

Core No.	From				To				Feature E S	S ₁ Dip Direct.		S ₂ Dip Direct.		Description
	10	14	16	20	22	24	26	28		32	34	36		
S					69	77			F123					Z sym 696.7 - 697.7 m
S					70	28			C1S12			64	1815	
S					70	67			C1S12			66	1815	
S					71	14			F12Σ					S sym 697.7 - 711.4 m
S					71	20			F123					Z sym 711.4 - 712.0 m
S					71	28			C1S12			82	1815	
S					71	48			F12Σ					S sym 712.0 - 714.8 m
S					71	78			F123					Z sym 714.8 - 717.8 m
S					71	80			C1S12			74	1815	
S					72	20			F12Σ					S sym 717.8 - 722.0 m
S					72	35			F123					Z sym 722.0 - 723.5 m
S					72	42			C1S12			68	1815	
S					73	10			C1S12			75	1815	
S					73	15						65	1815	
S					74	10						66	1815	
S					74	26			F12Σ					S sym 723.5 - 742.6 m
S					74	15			F123					Z sym 742.6 - 745.2 m
S					74	60			C1S12			313	1815	!
S					75	07			C1S12			311	1815	possibility of a F ₄ fold
S					75	17			C1S12			710	1815	
S					76	32			C1S12			718	1815	
S					76	19			C1S12			712	1815	End of Hole.

Geochemical Log (Sampler's Copy)

Core	From		To		Sample No.		Description	
	10	14	16	20	22	27		
P	1509	8	1511	4	100017	1.6 m	4K0 + SD6	
P	1511	4	1512	9	100018	1.5 m	4K0 + SD6	
P	1511	29	1511	49	100009	2.0 m	4K0	
P	1511	49	1511	70	1000110	2.1 m	4K0	
P	1511	70	1511	87	1000111	1.7 m	4E0	
P	1511	87	1520	7	1000112	2.0 m	4C0 + SD3	
P	1520	7	1522	7	1000113	2.0 m	4C0	
P	1522	7	1522	43	1000114	1.6 m	4C0 + SD9	
P	1522	43	1522	57	1000115	1.4 m	4K0 + 4E0 + SD3	
P	1522	57	1522	67	1000116	1.0 m	4L0	
P	1522	67	1522	81	1000117	1.4 m	4L0	
P	1522	81	1528	8	1000118	0.7 m	4K0 + 4E0	
P	1528	8	1530	+	1000119	1.6 m	4A0	
P	1532	3	1532	9	1000210	0.6 m	4A0	
P	1532	9	1535	0	1000211	2.1 m	4K0	
P	1535	0	1536	0	1000212	1.0 m	4A0	
P	1536	0	1536	7	1000213	0.7 m	4K0	
P	1536	7	1538	0	1000214	1.3 m	4L0	
P	1538	0	1540	3	1000215	2.3 m	4K0	
P	1545	4	1547	6	1000216	0.6 m	4L0	
P	1547	3	1549	2	1000217	1.9 m	4C5	
P	1549	2	1550	1	1000218	6.9 m	4D0	
P	1554	5	1556	5	1000219	2.0 m	4A1	
P	1556	5	1558	5	1000230	2.0 m	4A1	
P	1558	5	1560	5	1000231	2.0 m	4A1	
P	1560	5	1561	6	1000232	1.1 m	4A1	
P	1651	09	1652	9	1000313	2.0 m	4A0	
P	1652	9	1654	9	1000314	2.0 m	4A0	
P	1654	9	1656	9	1000315	2.0 m	4A0	
P	1656	9	1658	9	1000316	2.0 m	4A0	
P	1658	9	1650	9	1000317	2.0 m	4A0	

79X-02

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 79-x-02

Fabric Orientation Diagram:

Project: DY

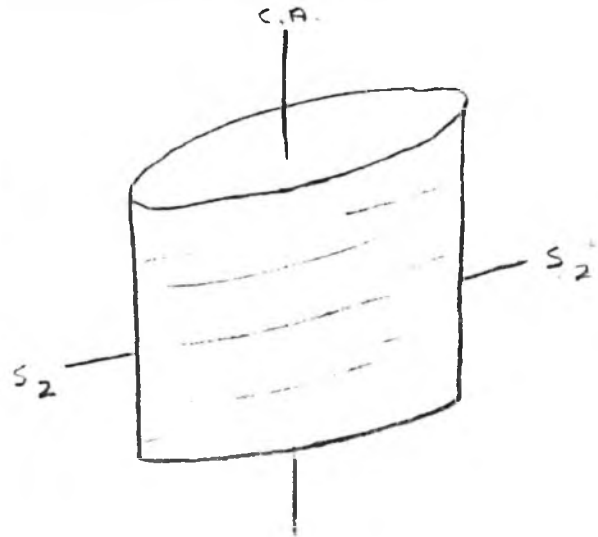
Location: Vangorda Plateau

Claim: DY 4'3

Terr. Plane
Co-ords.: _____ N

_____ E

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



All symmetry determinations looking

NW with S2 dipping

SW with dip azimuth 185.

Total Depth: _____

Purpose: To extend the ore zone

Logged by: BYH

Date(s) Logged: April 26

Drilling Contractor:	<u>Artic</u>	Core:	Size	From	To	Collar Cased and Capped:
			<u>NQ</u>	<u>13.5</u>	_____	_____
			_____	_____	_____	_____
			_____	_____	_____	_____

Started: April 12, 1979 Completed: _____

Code	From	To	Unit	Code	Description
	10 14 18 20 22 23 25 27				
L	110100	11135	5	11 #1	0/B
L	11135	11158	8	12 51B16	random OQO "pod./w.ool."
L	11158	11170	13	01Q10	contact // to ... solution
L	11170	11614	14	51B12	} random OQO "pod./sweats" generally < 5 cm wide gauge zone 100.7 - 100.8 m
L	11614	11652	15	51D10	
L	11614	11663	16	51B12	
L	11663	11041	17	51B10	
L	11041	11197	18	51B16	
L	11197	11219	19	51B10	
L	11219	11293	110	51B16	
L	11293	11320	111	51B12	
L	11320	11332	112	51B10	
L	11332	11720	113	51B12	gauge zone 139.6 - 146.6 m
L	11720	11855	114	51B10	
L	11855	11912	115	51B16	
L	11912	12109	116	51B10	
L	12109	12155	117	51B16	
L	12155	12164	118	01Q10	
L	12164	12284	119	51B16	
L	12284	12291	120	51B10	
L	12291	12379	121	51B16	
L	12379	12391	122	51B10	
L	12391	12410	123	51B17	
L	12410	12435	124	51B10	
L	12435	12450	125	51B16	
L	12450	12513	126	51B10	
L	12513	12518	127	51B16	Fault zone 255.8 m
L	12518	12610	128	51D13	small band of t. l.c. T.S. 259.9 m
L	12610	12644	129	51B16	
L	12644	12647	130	51D10	
L	12647	12668	131	51B10	
L	12668	12681	132	51B17	
L	12681	12717	133	51B10	
L	12717	12745	134	51D13	
L	12745	12845	135	51B10	
L	12845	12854	136	51D13	

Lithologic Log

Core No.	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	- 5B73
L	131119 1	131211 8	416	51B10	
L	131211 8	131215 7	417	51B17	- 5B73
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	13415 1	512	51B17	-5B73 calcite leached zone extending 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 SPO 3x4 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	51D13	
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	-5B73

Lithologic Log

Core	From	To	Unit	Code	Description		
1	10	14	16	20	22 23 25 27		
L	14615	3	14618	2	712	51B10	
L	14618	2	14711	7	713	01E18	}
L	14711	7	14815	8	714	01B17	
L	14815	8	14818	8	715	01E18	
L	14818	8	14918	4	716	51B10	
L	14918	4	15012	6	717	5D13	
L	15012	6	15214	4	718	51B10	
L	15214	4	15219	1	719	51D13	
L	15219	1	15313	5	810	51D11	
L	15313	5	15316	7	811	51B12	
L	15316	7	15318	5	812	41L11	very similar to 5D, more siliceous.
L	15318	5	15319	4	813	51B12	
L	15319	4	15140	5	814	41L11	
L	15140	5	15414	8	815	41A14	some bands of sph 3-4cm. should run 8%.
L	15414	8	15417	2	816	51A17	
L	15417	2	15418	3	817	51B19	minor bands of pyrite and pyrrhotite.
L	15418	3	15418	6	818	51B13	
L	15418	6	15510	3	819	51A19	
L	15510	3	15511	2	910	41A17	
L	15511	2	15514	2	911	51B10	
L	15514	2	15517	9	912	51A10	
L	15517	9	15611	0	913	41L10	
L	15611	0	15616	9	914	51B16	
L	15616	9	15710	6	915	51B12	
L	15710	6	15715	7	916	41L17	
L	15715	7	15716	2	917	51A11	minor blue - black ch.
L	15716	2	15717	6	918	51D13	
L	15717	6	15813	5	919	41A14	the sph becomes more concentrated
							toward the hanging wall best section
							577.6 - 576.8, should run 8-10%
L	15813	5	15815	6	010	51A19	two minor bands of 5D3, 583.8 - 584.0 and
							585.4 - 585.6 m.
L	15815	6	15817	8	011	41A14	
L	15817	8	15819	2	012	51D19	caliche fraction consisting of minor bands
L							of sph. should run 1-3%
L	15819	2	15910	0	013	41A11	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	1519140	017	41A14	
L	1519140	1519154	018	51D10	
L	1519154	1610100	019	41A14	massive sph at the hanging wall, grade drops off toward the footwall
L	1610100	1610125	110	41J14	should run 8% 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 SRC
L	1612173	1613111	210	51A14	small grade hole 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 pyrobitite and chloropyrite
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	1618138	310	31G19	END of Hole.

Structural Log

Core No.	From				To				Feature #	S ₁		S ₂		Description
	10	14	18	20	22	24	26	28		Dip	Direct.	Dip	Direct.	
S				1135										triconed - no core 0-13.5m
S				1135								74	11815	
S				1186										S sym 13.5 - 18.5 m
S				1192								72	11815	
S				1205										Z sym 18.5 - 20.5 m
S				1258										S sym 20.5 - 25.3 m
S				1260								73	11815	
S				1276										Z sym 25.3 - 27.6 m
S				1313										S sym 27.6 - 31.3 m
S				1323								84	11815	
S				1337										Z sym 31.3 - 33.7 m
S				1384								81	11815	
S				1450								85	11815	
S				1471										S sym 33.7 - 47.1 m
S				1510								87	11815	
S				1512										Z sym 47.1 - 51.2 m
S				1570								84	11815	
S				1630								810	11815	
S				1686										S sym 51.2 - 68.6 m
S				1690								814	11815	
S				1695										Z sym 68.6 - 69.5 m
S				1701										S sym 69.5 - 70.1 m
S				1713										Z sym 70.1 - 71.3 m
S				1760								810	11815	
S				1761										S sym 71.3 - 76.1 m
S				1801										Z sym 76.1 - 81.1 m
S				1813								814	11815	
S				1874								83	11815	
S				1935								818	11815	
S				1881										S sym 81.8 - 88.1 m
S				1923										Z sym 88.1 - 92.3 m
S				110100								76	11815	
S				11057								62	11815	
S				11057										S sym 92.3 - 105.7 m
S				11070										Z sym 105.7 - 107.0 m
S				11127								68	11815	

Structural Log

Core Code	From		To		Feature	S ₁ Dip Direct.	S ₂ Dip Direct.		Description
	10	14 16	20	22 24 26			28	32 34	
S			11169		IFZ E				S sym 107.0 - 116.9 m
S			11191		CIS12			810 11815	
S			11213		IFZ3				Z sym 116.9 - 121.3 m
S			112154		IFZ E				S sym 121.3 - 125.4 m
S			112169		IFZ3				Z sym 125.4 - 126.9 m
S			112169		CIS12			616 11815	
S			11224		CIS12			718 11815	
S			113192		CIS12			718 11815	
S			114170		CIS12			813 11815	
S			115118		IFZ E				S sym 126.9 - 156.8 m
S			115140		IFZ3				Z sym 151.9 - 154.0 m
S			115145		CIS12			711 11815	
S			115188		IFZ E				S sym 154.0 - 158.8 m
S			116108		CIS12			815 11815	
S			116112		IFZ3				Z sym 158.8 - 161.2 m
S			116147		IFZ E				S sym 161.2 - 164.7 m
S			116163		CIS12			718 11815	
S			116186		IFZ3				Z sym 164.7 - 168.6 m
S			117117		IFZ E				S sym 168.6 - 171.7 m
S			117117		CIS12			812 11815	
S			117157		IFZ3				Z sym 171.7 - 175.7 m
S			117174		CIS12			813 11815	
S			118141		CIS12			815 11815	
S			118183		IFZ E				S sym 175.7 - 188.3 m
S			119105		CIS12			718 11815	
S			119109		IFZ3				Z sym 188.3 - 190.9 m
S			119169		CIS12			814 11815	
S			119175		IFZ E				S sym 190.9 - 197.5 m
S			120125		IFZ3				Z sym 197.5 - 202.5 m
S			120136		CIS12			813 11815	
S			120194		CIS12			714 11815	
S			121149		CIS12			718 11815	
S			121191		CIS12			612 11815	
S			122125		IFZ E				S sym 202.5 - 222.5 m
S			122146		CIS12			715 11815	
S			123107		CIS12			714 11815	

Structural Log

Log No.	From		To		Feature SYR	S ₁ Dip Direct.		S ₂ Dip Direct.		Description
	10	14 16	20	22 24 26		28	32	34	38	
S			121310	9	IF2 3					Z sym 222.5 - 230.7 m
S			121346	6	IF2 E					S sym 230.9 - 234.6 m
S			121361	1	IF2 3					Z sym 234.6 - 237.5 m
S			121368	8	C1512			712	11815	
S			121407	7	IF2 E					S sym 237.5 - 240.7 m
S			121429	9	C1512			810	11815	
S			121441	1	IF2 3					Z sym 240.7 - 244.1 m
S			121459	9	C1512			816	11815	
S			121515	8	C1512			714	11815	
S			121611	8	C1512			718	11815	
S			121617	2	C1512			810	11815	
S			121617	6	IF2 E					S sym 244.1 - 267.6 m
S			121714	6	IF2 3					Z sym 267.6 - 274.0 m
S			121716	4	C1512			815	11815	
S			121812	5	C1512			811	11815	
S			121812	9	IF2 E					S sym 274.0 - 282.9 m
S			121815	0	IF2 3					Z sym 282.9 - 285.0 m
S			121815	5	C1512			811	11815	
S			121911	6	C1512			716	11815	
S			121917	7	C1512			814	11815	
S			13014	4	C1512			815	11815	
S			131110	8	C1512			813	11815	
S			131117	2	C1512			710	11815	
S			131212	1	C1512			714	11815	
S			131218	2	C1512			712	11815	
S			131314	3	C1512			710	11815	
S			131410	4	C1512			811	11815	
S			131416	5	C1512			813	11815	
S			131512	6	C1512			813	11815	
S			131515	1	IF2 E					S sym 285.0 - 355.1 m
S			131518	6	IF2 3					Z sym 282.9 - 358.6 m
S			131518	8	C1512			718	11815	
S			131614	9	C1512			715	11815	
S			131711	0	C1512			716	11815	
S			131717	0	C1512			711	11815	zone of interchanging Z and S
S			131813	0	C1512			719	11815	360 - 378 m

Structural Log

Code	From		To		Feature	#	S ₁ Dip Direct.	S ₂ Dip Direct.		Description
	10	14 16	20	22 24				26	28	
S			13910	0	C1S12			71	11815	
S			13914	8	C1S12			80	11815	
S			14015	5	C1S12			32	11815	
S			14017	6	C1S12			78	11815	
S			14113	7	C1S12			85	11815	
S			14118	4	IF2	Σ				S sym 358.6 - 418.4 m
S			14119	8	C1S12			78	11815	
S			14210	9	IF2	3				Z sym 418.4 - 420.9 m
S			14215	8	C1S12			76	11815	
S			14312	0	C1S12			81	11815	
S			14318	4	C1S12			73	11815	
S			1444	8	C1S12			72	11815	
S			1447	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	C1S12			86	11815	
S			14519	3	C1S12			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	C1S12			82	11815	
S			14911	9	C1S12			82	11815	
S			14918	4	C1S12			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	C1S12			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	C1S12			76	11815	
S			15210	2	C1S12			89	11815	
S			15216	3	C1S12			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	C1S12			81	11815	
S			15318	1	IF2	Σ				S sym 530.8 - 538.1 m
S			15318	2	C1S12			82	11815	

Code	From		To		Feature	E S	S ₁		S ₂		Description
	10	14	16	20			Dip	Direct	Dip	Direct	
	22	24	26	28	32	34	38				
S			151410		IF23						Z sym 533.1 - 541.0
S			151413		C1S12			617	11815		
S			151419		C1S12			712	11815		
S			151417		C1S12			83	11815		
S			151515		IF2E						S sym 541.0 - 555.2 m
S			151517		IF23						Z sym 555.2 - 557.0
S			151610		C1S12			810	11815		
S			151616		C1S12			818	11815		
S			151618		IF2E						S sym 557.0 - 568.9 m
S			151711		IF23						Z sym 568.9 - 571.7 m
S			151712		C1S12			69	11815		
S			151715		IF2E						S sym 571.7 - 575.8 m
S			151718		IF23						Z sym 575.8 - 578.7 m
S			151718		C1S12			715	11815		
S			151810		IF2E						S sym 578.7 - 580.0 m
S			151815		C1S12			64	11815		
S			151815		IF23						Z sym 580.0 - 585.7 m
S			151910		C1S12			712	11815		
S			151917		C1S12			710	11815		
S			161016		C1S12			714	11815		
S			161117		C1S12			60	11815		
S			161117		C1S12			716	11815		
S			161213		C1S12			812	11815		
S			161219		C1S12			810	11815		
S			161315		C1S12			714	11815		
S			161411		C1S12			710	11815		
S			161417		C1S12			710	11815		
S			161419		IF2E						S sym 585.7 - 649.3 m
S			161510		IF23						Z sym 549.3 - 550.5 m
S			161511		IF2E						S sym 550.5 - 651.5 m
S			161513		IF23						Z sym 651.5 - 653.3 m
S			161513		C1S12			714	11815		
S			161519		C1S12			719	11815		
S			161616		C1S12			714	11815		
S			161710		IF2E						S sym 653.2 - 670.8 m
S			161712		C1S12			810	11815		

DDH 29-8-02
2 8Cyprus Anvil Mining Corp.
Geochemical Log (Sampler's Copy)Page 13 of _____Logged By: BYHSampled By: SET

Code	From	To	Sample No.	Description			
1	10	14	16	20	22	27	
	151316	7	151318	5	1010415	1.8 m	4L1
	151319	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	5A4
	151416	0	151417	2	1010510	1.2 m	5A4
	151417	2	151418	3	1010511	1.1 m	5B4
	151418	6	151510	3	1010512	1.7 m	5A4
	151510	3	151511	2	1010513	0.9 m	4A4
	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	1010517	2.0 m	4L7
	151714	6	151715	7	1010518	1.1 m	4L7
	151719	6	151811	6	1010610	2.0 m	4A4
	151811	6	151813	5	1010611	1.9 m	4A4
	151813	5	151815	6	1010612	2.1 m	5A4
	151815	6	151817	8	1010613	2.2 m	4A4
	151817	8	151819	2	1010614	1.4 m	5D4
	151819	2	151910	0	1010615	0.8 m	4A4
	151910	0	151912	1	1010616	2.1 m	5D4 + 4A4
	151912	1	151913	2	1010617	1.1 m	5D4
	151913	2	151914	0	1010618	0.8 m	4A4
	151915	4	151916	9	1010619	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	1010712	1.5 m	4J4
	161011	5	161012	5	1010713	1.0 m	4J4

79X-03

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 79-X-03

Fabric Orientation Diagram:

Project: DY

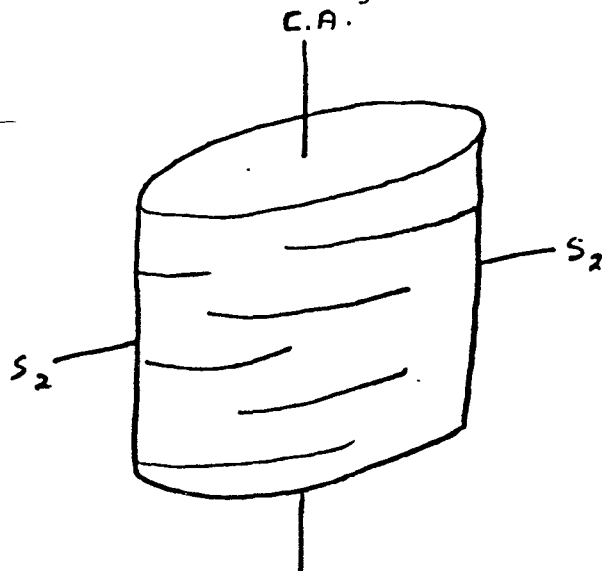
Location: Vangorda Plateau

Claim: DY 184

Terr. Plane
Co-ords.: 6901028.76 N

597242.79 E

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



Inclination: Vertical

All symmetry determinations looking

NW with S₂ dipping

Elevation: 1141.66

SW with dip azimuth 185.

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

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

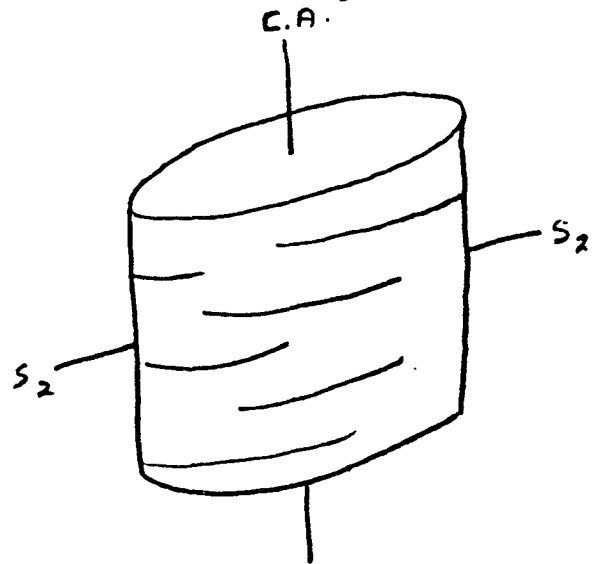
Location: Vangorda Plateau

Claim: DY 184

Terr. Plane Co-ords.: 6901028.76 N

597242.79 E

Grid Co-ords.: 15+00E 2255



All symmetry determinations looking

NW with S2 dipping

SW with dip azimuth 185.

Elevation: 1141.66

Total Depth: 956.7

Purpose: DY fill in section 15+00

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

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

NQ 4.0 956.7

Started: April 27, 1979 Completed: _____

Code	From	To	Unit	Code	Description
	10 14 16 20 22 23 25 27				
L	10100	1140	11	#	O/B
L	1140	1187	12	SB16	
L	1187	12103	13	SB10	
L	12103	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	11164	214	SB16	
L	11164	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	115156	311	SB16	
L	115156	116101	312	SB10	
L	116101	116184	313	SB12	
L	116184	116195	314	SB16	
L	116195	117083	315	SB10	

Core No.	From	To	Unit	Code	Description
1	10 14 16	20 22 23 25 27			
L	117108	117125	316	5B10	
L	117125	117152	317	5B16	
L	117152	1213128	318	5B10	
L	1213128	1213178	319	5B16	
L	1213178	1215106	410	5B10	
L	1215106	1215104	411	5B16	
L	1215104	1217100	412	5B10	
L	1217100	1218157	413	5F18	
L	1218157	1310100	414	5B16	
L	1310100	1313172	415	5B10	
L	1313172	1313182	416	5D11	
L	1313182	1313187	417	5B16	
L	1313187	1314137	418	5B10	
L	1314137	1316178	419	5B16	
L	1316178	1318134	510	5B10	
L	1318134	1410157	511	5B16	
L	1410157	141129	512	5B17	-SB73 interbanded SB7-SB0
L	141129	1412114	513	5B10	
L	1412114	1412154	514	5B17	-SB73 interbanded SB7 and SB0
L	1412154	1413123	515	5B10	
L	1413123	1413181	516	5B17	-SB73 interbanded SB7 and SB0
L	1413181	1414186	517	5B10	
L	1414186	1415115	518	5D10	considerable SB0 is interbanded with the SD0 (~30%)
L	1415115	1415123	519	5B16	
L	1415123	1415134	610	5D10	
L	1415134	1416135	611	5B10	
L	1416135	1416146	612	5B17	-SB73
L	1416146	1416157	613	5D10	
L	1416157	1419117	614	5B10	
L	1419117	1419130	615	5D15	
L	1419130	1419182	616	5B16	
L	1419182	1510171	617	5B10	
L	1510171	1511011	618	5B16	
L	1511011	1513177	619	5B10	
L	1513177	1513198	710	5D13	

Code	From	To	Unit	Code	Description
	10 14 16 20 22 23 25 27				
L	151319 8	151412 6	711	51B17	- 5B73
L	151412 6	151418 1	712	51B10	
L	151418 1	151419 4	713	51D13	
L	151419 4	151511 0	714	51B17	- 5B73
L	151511 0	151611 2	715	51B10	
L	151611 2	151612 2	716	51D13	
L	151612 2	151614 1	717	51B10	
L	151614 1	151616 2	718	51D13	
L	151616 2	151718 3	719	51B10	
L	151718 3	151810 4	810	41L17	- 4L74
L	151810 4	151811 5	811	41A13	
L	151811 5	151811 9	812	41C10	
L	151811 9	151818 5	813	41L10	- contains amygdules which consist of calcite. 582.7 - 583.7 m
					- 584.4 to 585.3 m sph in bands
L	151818 5	151910 1	814	51D19	5D93
L	151910 1	151915 9	815	41L17	- 4L74, ~ 1-2% combined.
<u>4G4</u>	L	151915 9	816	41G4	minor bands of mag - DY-13
<u>4L0</u>	L	151917 7	817	41L10	
<u>4G4</u>	L	151918 7	818	41G4	
<u>4K64</u>	L	161010 6	819	41K14	4K64 calcite mainly in patches ~ 3-4% combined.
<u>ED-HEG</u>	L	161012 3	910	41E10	⇒ 4E6 minor sph
<u>4L0</u>	L	161015 8	911	41L10	
<u>4C0</u>	L	161016 5	912	41D10	
<u>4D4</u>	L	161110 2	913	41D14	~ 5-6% combined.
	L	161120 0	914	41D10	
	L	161115 7	915	41A10	minor chloritic bands
	L	161118 6	916	41L10	
	L	161117 0	917	51A10	gauge zone 617.1 - 621.2 m
	L	161211 2	918	51A19	
	L	161213 2	919	41C10	
	L	161214 0	010	51B19	py in bands - siliceous
	L	161214 4	011	41L10	sphide content 10-15% 270.0 - 271.5 m
	L	161310 1	012	51A19	
	L	161311 9	013	51B17	

Lithologic Log

Log No.	From	To	Unit	Code	Description
1	10 14 18 20 22 23 25 27				
L	1613128	1613150	014	51A10	
L	161350	1613190	015	51B16	
L	1613190	1613198	016	41E10	
L	1613198	1614144	017	41L10	
L	1614144	1614163	018	41C10	
L	1614163	1614169	019	41L10	
L	161469	1615114	110	51B17	-SB793 minor sph and ps bands
	111	111	111	111	-calcareous.
L	1615114	1615143	111	41L11	very sericitic, minor ps and sph bands
L	1615143	1615151	112	51B17	-SB73, minor ps and sph bands.
L	1615151	1615157	113	41L10	
L	1615157	1616185	114	51B10	
L	1616186	1617106	115	51D10	
L	1617106	1617108	116	51B10	
L	1617108	1617121	117	51D13	
L	1617121	1617132	118	51B10	
L	1617132	1617141	119	51D13	
L	1617141	1617153	210	51B12	-SB23
L	1617153	1617166	211	51D13	
L	1617166	1617179	212	51B12	-SB23
L	1617179	1617186	213	51D13	
L	1617186	1617192	214	51B12	-SB23
L	1617192	1710108	215	51B10	
L	1710108	1710152	216	41A14	~8-10% combined, massive sph
	111	111	111	111	bands up 5cm thick.
	111	111	111	111	-gauge zone 701.1-701.9 m
	111	111	111	111	-DY-13 example of py-sph bands
L	1710152	1711116	217	41L17	-4672 DY-16 taken at the hanging
	111	111	111	111	wall contact of #26, a siliceous
	111	111	111	111	graphitic phyllite minor interbedded
	111	111	111	111	sulphides.
	111	111	111	111	DY-15 taken at 704.4 possibly 463
	111	111	111	111	should x-ray.
L	1711116	1711124	218	41L16	-contains some carbonaceous matter
	111	111	111	111	giving the rock a gray cast
L	171124	171136	219	41L0	

Code	From	To	Unit	Code	Description
L	171172	171193	3312	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 ripup clasts of the underlying 4A unit
L	171193	171313	333	5A19	-5A97 sulphide content decreasing from #29, minor py and sph in a siliceous host. minor tuffaceous bands DY-18 carbonaceous content variable
L	171313	171334	434	4L14	- variable from 4L34 at the hanging wall to 4L14 at the footwall grades into 4A0 - DY-19 (4L34)
L	171334	171417	35	4A10	sulphide content quite low,
L	171417	171513	336	4L17	DY-20 possibly talc bearing should x-ray.
L	171513	171513	2317	5B12	5B219 similar to 4A0 lacking significant sulphide content. minor tuffaceous patches.
L	171513	171519	0318	5D13	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 py.
L	171519	171519	7319	5D10	
L	171519	171612	840	4A10	massive banded py occurring at both the footwall and hanging wall
L	171612	171899	411	5B16	-5B61 abundant QQQ, slightly altered to 4L6 282.1m 30 cm band of 4D0.
L	171899	171910	3412	4L16	grades from 5B6 (DY-24) to an intermediate form (DY-25) to 4L6 (DY-26)

Depth (m)	From		To		Unit		Code	Description
	10	14	16	20	22	23		
L	1719	163	1810	140	413	51B16		small post D ₂ breccia zone 799.9
L	1810	140	1810	154	414	41610		faintly altered S.B.G. could also be considered S.B.G. DY-27
L	1810	154	1810	160	415	51B16		
L	1810	160	1810	178	416	41617		minor py, grades from matrix similar to DY-27 to grade 417 small bx zone at 806.8
L	1810	178	1811	105	417	51B16		
L	1811	105	1811	111	418	41610		
L	1811	111	1811	118	419	51B16		
L	1811	118	1811	124	410	41610		
L	1811	124	1811	156	411	51B16		
L	1811	156	1811	184	412	41610		
L	1811	184	1812	119	413	51A10		- bx zone 818.4 - 821.9 post D ₂ , as the S ₂ foliation is randomly oriented, clasts of sulphides, 410, 5A0, 000, and S.B.G.
L	1812	119	1812	147	414	41A0		sulphides become more massive toward the footwall DY-28 (824.2)
L	1812	147	1812	178	415	41B0		DY-29 (po bearing (827.2) DY-30 (825.9)
L	1812	178	1813	122	416	51A17		unit appears to be faintly altered DY-31 (829.1)
L	1813	122	1813	192	417	41616		minor cpy associated with a ball qtz vein 834.4
L	1813	192	1813	198	418	41411		- 417
L	1813	198	1814	154	419	41616		- 4167
L	1814	154	1814	180	420	41611		- 414 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 25	25 27	
L	181418 0	181519 8	611	4410	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	4411	4417 siliceous, more siliceous, po is the dominant sulphide, occurring dominantly in bands DY-3, - at the 441-441 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	41D0	- massive po band at the hanging wall grade dropping off to 1-2% combined
L	181618 7	181619 7	617	4464	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	4440	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	41A41 siliceous po veins crosscutting possibly related to alteration.
L	181810 1	181917 9	714	41K16	- 4467 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

Code	From		To		Feature	# S	S ₁		S ₂		Description	
	10	14	18	20			22	24	26	28		32
S				17	4							triconed - no core
S				17	4	CIS12				81	11815	
S				11	2	1F23						Z sym 7.4 - 12.1 m
S				11	3	8	CIS12			810	11815	
S				11	6	1	1F2Σ					S sym 12.1 - 16.1 m
S				11	8	2	1F23					Z sym 16.1 - 18.2 m
S				12	0	1	CIS12			713	11815	
S				12	6	2	CIS12			812	11815	
S				13	1	2	1F2Σ					S sym 18.2 - 31.2 m
S				13	2	3	CIS12			810	11815	
S				13	4	2	1F23					Z sym 31.2 - 34.2 m
S				13	6	6	1F2Σ					S sym 34.2 - 36.6 m
S				13	8	1	1F23					Z sym 36.6 - 38.1 m
S				13	8	4	CIS12			717	11815	
S				14	3	1	1F2Σ					S sym 38.1 - 43.1 m.
S				14	5	9	1F23					Z sym 43.1 - 45.9 m.
S				14	7	5	CIS12			715	11815	
S				14	7	7	1F2Σ					S sym 45.9 - 47.7 m
S				15	3	9	CIS12			710	11815	
S				15	9	7	CIS12			716	11815	
S				16	10	5	1F23					Z sym 47.7 - 60.5 m.
S				16	7	1	1F2Σ					S sym 60.5 - 67.1 m
S				16	7	7	CIS12			710	11815	
S				17	3	9	CIS12			714	11815	
S				18	0	1	CIS12			817	11815	
S				18	0	4	1F23					Z sym 67.1 - 80.4 m
S				18	2	1	1F2Σ					S sym 80.4 - 82.1 m
S				18	7	1	CIS12			85	11815	
S				19	3	2	CIS12			810	11815	
S				19	4	9	1F23					Z sym 82.1 - 94.9 m
S				19	9	6	CIS12			718	11815	
S				110	10	0	1F2Σ					S sym 94.9 - 100.0 m
S				110	15	3	1F23					Z sym 100.0 - 105.3 m
S				110	17	4	CIS12			715	11815	
S				110	18	8	1F2Σ					S sym 105.3 - 108.8 m
S				111	12	3	1F23					Z sym 108.8 - 112.3 m

Code	From				To				Feature	E SY	S ₁		S ₂		Description
	10	14	18	20	22	24	26	28			32	34	38		
S				11	14	18	20	C1512				810	1815		
S				11	15	18	24	F2	E					S sym 112.3 - 115.4 m	
S				11	20	18	24	F2	S					Z sym 115.4 - 120.5 m	
S				11	21	18	24	C1512				719	1815		
S				11	23	18	24	F2	E					S sym 120.5 - 115.4 m	
S				11	26	18	24	C1512				812	1815		
S				11	28	18	24	F2	S					Z sym 115.4 - 128.4 m	
S				11	32	18	24	C1512				72	1815		
S				11	36	18	24	F2	E					S sym 128.4 - 136.4 m	
S				11	38	18	24	F2	S					Z sym 136.4 - 138.1 m	
S				11	38	18	24	C1512				817	1815		
S				11	45	18	24	C1512				815	1815		
S				11	51	18	24	C1512				712	1815		
S				11	57	18	24	C1512				815	1815		
S				11	58	18	24	F2	E					S sym 138.1 - 158.5 m	
S				11	62	18	24	F2	S					Z sym 158.5 - 162.8 m	
S				11	63	18	24	C1512				813	1815		
S				11	69	18	24	C1512				710	1815		
S				11	75	18	24	C1512				713	1815		
S				11	78	18	24	F2	E					S sym 162.8 - 178.8 m	
S				11	84	18	24	C1512							
S				11	87	18	24	F2	S					Z sym 178.8 - 187.1 m	
S				11	88	18	24	F2	E					S sym 187.1 - 198.4 m	
S				11	90	18	24	C1512				815	1815		
S				11	96	18	24	C1512				815	1815		
S				12	03	18	24	C1512				813	1815		
S				12	09	18	24	C1512				810	1815		
S				12	15	18	24	C1512				78	1815		
S				12	18	18	24	F2	S					Z sym 198.4 - 218.8 m	
S				12	21	18	24	C1512				713	1815		
S				12	27	18	24	C1512				717	1815		
S				12	32	18	24	F2	E					S sym 218.8 - 232.5 m	
S				12	33	18	24	F2	E					Z sym 232.5 - 233.2 m	
S				12	33	18	24	C1512				617	1815		
S				12	35	18	24	F2	E					S sym 233.2 - 235.0 m	
S				12	37	18	24	C1512				72	1815		

Code	From				To				Feature	S ₁ Dip Direct.	S ₂ Dip Direct.			Description
	1	10	14	18	20	22	24	26			28	32	34	
S					12142	7	CIS12				79	11815		
S					12145	3	IF23						Z sym 235.0 - 245.3 m	
S					12146	5	IF2E						S sym 245.3 - 246.5 m	
S					12148	8	CIS12				72	11815		
S					12154	7	IF23						Z sym 246.5 - 254.7 m	
S					12154	9	CIS12				70	11815		
S					12156	4	IF2E						S sym 254.7 - 256.4 m	
S					12159	4	IF23						Z sym 256.4 - 259.4 m	
S					12160	7	CIS12				76	11815		
S					12160	8	IF2E						S sym 259.4 - 260.8 m	
S					12163	7	IF23						Z sym 260.8 - 263.7 m	
S					12167	1	CIS12				76	11815		
S					12168	3	IF2E						S sym 263.7 - 268.3 m	
S					12185	7	CIS12				80	11815		
S					12188	0	IF23						Z sym 268.3 - 288.0 m	
S					12191	5	CIS12				81	11815		
S					12196	9	IF2E						S sym 288.0 - 295.9 m	
S					12197	6	CIS12				81	11815		
S					13100	9	IF23						Z sym 295.9 - 300.9 m	
S					13107	5	CIS12				85	11815		
S					13110	7	IF2E						S sym 300.9 - 310.7 m	
S					13112	8	CIS12				85	11815		
S					13115	1	IF23						Z sym 310.7 - 315.1 m	
S					13115	9	IF2E						S sym 315.1 - 315.9 m	
S					13118	9	CIS12				79	11815		
S					13120	0	IF23						Z sym 315.9 - 320.0 m	
S					13124	2	IF2E						S sym 320.0 - 324.2 m	
S					13125	0	CIS12				77	11815		
S					13129	0	IF23						Z sym 324.2 - 329.0 m	
S					13131	3	IF2E						S sym 329.0 - 331.3 m	
S					13132	5	CIS12				80	11815		
S					13139	3	CIS12				79	11815		
S					13144	6	IF23						Z sym 331.3 - 344.6 m	
S					13144	8	CIS12				84	11815		
S					13147	7	IF2E						S sym 344.6 - 347.7 m	
S					13149	4	CIS12				70	11815		

Code	From		To		Feature	S ₁ Dip Direct.	S ₂ Dip Direct.		Description			
	10	14	18	20			22	24		26	28	32
S			131510	5	F23							Z sym 347.7 - 350.5 m
S			131547		F2Σ							S sym 350.5 - 354.7 m
S			131555		C1S12			81	11815			
S			131611	1	F23							Z sym 354.7 - 361.1 m
S			131616		C1S12			810	11815			
S			131673		F2Σ							S sym 361.1 - 367.3 m
S			131674	4	C1S12			811	11815			
S			131724		F23							Z sym 367.3 - 372.4 m
S			131747		F2Σ							S sym 372.4 - 374.7 m
S			131765		C1S12			810	11815			
S			131770		F23							Z sym 374.7 - 377.0 m
S			131823		C1S12			711	11815			
S			131824		F2Σ							S sym 377.0 - 382.4 m
S			131854		C1S12			816	11815			
S			131915		C1S12			814	11815			
S			131933	3	F23							Z sym 382.4 - 393.3 m
S			131947		F2Σ							S sym 393.3 - 394.7 m
S			131968		F23							Z sym 394.7 - 396.8 m
S			131976		C1S12			612	11815			
S			131983		F2Σ							S sym 396.8 - 398.3 m
S			140122		F23							Z sym 398.3 - 402.2 m
S			140137		C1S12			715	11815			
S			140191		C1S12			810	11815			
S			141129		F2Σ							S sym 402.2 - 412.9 m
S			141156		F23							Z sym 412.9 - 415.6 m
S			141163		C1S12			710	11815			
S			141224	4	C1S12			716	11815			
S			141218	5	C1S12			78	11815			
S			141346		C1S12			714	11815			
S			144407		C1S12			710	11815			
S			144408		F2Σ							S sym 415.6 - 440.8 m
S			144449		F23							Z sym 440.8 - 444.9 m
S			144468		C1S12			715	11815			
S			144476		F2Σ							S sym 444.9 - 447.6 m
S			145229		C1S12			718	11815			
S			45556		F23							Z sym 447.6 - 455.6 m

Code	From		To		Feature	E S	S ₁ Dip Direct.		S ₂ Dip Direct.		Description
	10	14	18	20			22	24	26	28	
S			1415	18	IF2	Σ					S sym 455.6 - 458.8 m
S			1416	10	IF2	Σ					Z sym 458.8 - 460.8 m
S			1416	12	CIS	Σ			810	11815	
S			1416	16	IF2	Σ					S sym 460.8 - 466.3 m
S			1416	18	CIS	Σ			815	11815	
S			1417	10	IF2	Σ					Z sym 466.3 - 470.1 m
S			1417	13	CIS	Σ			815	11815	
S			1417	18	IF2	Σ					S sym 470.1 - 478.2 m
S			1418	10	CIS	Σ			715	11815	
S			1418	11	IF2	Σ					Z sym 478.2 - 481.9 m
S			1418	16	CIS	Σ			810	11815	
S			1418	17	IF2	Σ					S sym 481.9 - 487.6 m
S			1418	19	IF2	Σ					Z sym 487.6 - 489.1 m
S			1419	19	CIS	Σ			719	11815	
S			1419	13	IF2	Σ					S sym 489.1 - 493.8 m
S			1419	18	CIS	Σ			811	11815	
S			1419	19	IF2	Σ					Z sym 493.8 - 499.9 m
S			1510	14	IF2	Σ					S sym 499.9 - 504.0 m
S			1510	14	CIS	Σ			718	11815	
S			1510	15	IF2	Σ					Z sym 504.0 - 505.5 m
S			1510	17	IF2	Σ					S sym 505.5 - 507.0 m
S			1511	10	CIS	Σ			611	11815	
S			1511	13	IF2	Σ					Z sym 507.0 - 513.0 m
S			1511	17	CIS	Σ			710	11815	
S			1512	12	CIS	Σ			713	11815	
S			1512	17	IF2	Σ					S sym 513.0 - 527.5 m
S			1512	18	IF2	Σ					Z sym 527.5 - 528.8 m
S			1512	19	CIS	Σ			811	11815	
S			1513	14	IF2	Σ					S sym 528.8 - 534.0 m
S			1513	15	CIS	Σ			817	11815	
S			1513	15	IF2	Σ					Z sym 534.0 - 535.8 m
S			1514	11	CIS	Σ			810	11815	
S			1514	14	IF2	Σ					S sym 535.8 - 544.6 m
S			1514	17	CIS	Σ			719	11815	
S			1515	11	IF2	Σ					Z sym 544.6 - 551.9 m
S			1515	12	CIS	Σ			815	11815	

Code	From				To				Feature	#	S ₁		S ₂		Description
	10	14	18	20	22	24	26	28			Dip	Direct.	Dip	Direct.	
S				15195	C1S12						86	11815			
S				151656	C1S12						80	11815			
S				151712	IF2E								S sym 551.9 - 571.2 m		
S				151717	C1S12						80	11815			
S				151749	IF23								Z sym 571.2 - 574.9 m		
S				151773	C1S12						81	11815			
S				151839	C1S12						80	11815			
S				151910	C1S12						75	11815			
S				151913	C1S12						70	11815			
S				161022	C1S12						70	11815			
S				161018	C1S12						70	11815			
S				161143	C1S12						73	11815			
S				161212	C1S12						61	11815			
S				161216	C1S12						72	11815			
S				161314	C1S12						54	11815			
S				161323	C1S12						60	11815			
S				161413	C1S12						71	11815			
S				161491	C1S12						73	11815			
S				161516	IF2E								S sym 574.9 - 656.1 m		
S				161518	C1S12						74	11815			
S				161570	IF23								Z sym 656.1 - 657.0 m		
S				161518	IF2E								S sym 657.0 - 658.0 m		
S				161610	IF23								Z sym 658.0 - 660.0 m		
S				161626	C1S12						76	11815			
S				161653	IF2E								S sym 660.0 - 665.3 m		
S				161618	C1S12						80	11815			
S				161720	IF23								Z sym 665.3 - 672.0 m		
S				161732	IF2E								S sym 672.0 - 673.2 m		
S				161747	C1S12						71	11815			
S				161808	C1S12						80	11815			
S				161810	IF23								Z sym 673.2 - 680.9 m		
S				161875	C1S12						80	11815			
S				161936	C1S12						86	11815			
S				161944	IF2E								S sym 680.9 - 694.4 m		
S				161918	IF23								Z sym 694.4 - 698.4 m		
S				170119	C1S12						61	11815			

Code	From				To				Feature	E N	S ₁		S ₂		Description
	10	14	16	20	22	24	26	28			Dip	Direct.	Dip	Direct.	
S				171015	2	CIS12					717	11815			
S				171017	8	IF2	Σ								S sym 698.4 - 707.8
S				171019	6	IF2	3								Z sym 707.8 - 709.6
S				171113	2	CIS12					60	11815			
S				171119	1	IF2	Σ								S sym 709.6 - 719.1
S				171210		CIS12					811	11815			
S				171216	7	CIS12					813	11815			
S				171312	4	CIS12					717	11815			
S				171318	8	CIS12					816	11815			
S				171425		IF2	3								Z sym 719.1 - 742.5
S				171446		CIS12					714	11815			
S				171451		IF2	Σ								S sym 742.5 - 745.1
S				171511	6	CIS12					717	11815			
S				171517	7	CIS12					719	11815			
S				171519	0	IF2	3								Z sym 745.1 - 759.0
S				171638		CIS12					711	11815			
S				171649		CIS12					619	11815			
S				171709		IF2	Σ								S sym 759.6 - 770.9
S				171722		IF2	3								Z sym 770.9 - 772.2
S				171760		CIS12					714	11815			
S				171821		CIS12					617	11815			
S				171842		CIS12					719	11815			
S				171847		IF2	Σ								S sym 772.2 - 789.7
S				171940		PIS12					216	11815			Possibly F4 related.
S				171991		PIS12					715	11815			P _{S2} 789.7 - 799.3
S				181015	2	CIS12					615	11815			
S				181113		IF2	3				619	11815			Z sym 799.3 - 811.3
S				181177		CIS12					812	11815			
S				181247		CIS12					610	11815			
S				181310	7	CIS12					319	11815			
S				181325		IF2	Σ								S sym 811.3 - 822.5
S				181370		CIS12					718	11815			
S				181421		CIS12					810	11815			
S				181442		CIS12					810	11815			
S				181527		CIS12					714	11815			

DDH Z.9-X-0.3
2 8

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

Page _____ of _____
Logged By: B V H
Sampled By: DRK

Depth m	From		To		Sample No.		Description
	10	14	18	20	22	27	
P	1517	183	1518	104	10101717	2.1 m	4L74
P	1518	104	1518	115	10101718	1.1 m	4A3
P	1518	115	1518	135	10101719	2.0 m	4C0 + 4L0
P	1518	135	1518	155	1010180	2.0 m	4L0
P	1518	175	1518	185	1010181	1.0 m	4L0
P	1518	185	1519	101	1010182	1.6 m	5D9
P	1519	101	1519	121	1010183	2.0 m	4L74
P	1519	121	1519	141	1010184	2.0 m	4L74
P	1519	141	1519	159	1010185	1.8 m	4L74
P	1519	159	1519	171	1010186	1.2 m	4G4
P	1519	171	1519	181	1010187	1.0 m	4L0
P	1519	181	1519	193	1010188	1.2 m	4G4
P	1519	193	1610	06	1010189	1.3 m	4G4
P	1610	06	1610	123	1010190	1.7 m	4K64
P	1610	123	1610	145	1010191	2.2 m	4E0
P	1610	145	1610	167	1010192	2.2 m	4E0
P	1610	167	1610	187	1010193	2.0 m	4L0 + 4C0
P	1610	187	1611	102	1010194	1.5 m	4D0
P	1611	102	1611	120	1010195	1.8 m	4D4
P	1611	120	1611	140	1010196	2.0 m	4D0
P	1611	140	1611	151	1010197	1.1 m	4D0
P	1611	151	1611	166	1010198	1.5 m	4A0
P	1612	112	1612	132	1010199	2.0 m	5A9
P	1612	132	1612	140	1011010	0.8 m	4C0
P	1612	144	1612	164	1011011	2.0 m	4L0
P	1612	164	1612	184	1011012	2.0 m	4L0
P	1612	184	1613	101	1011013	1.7 m	4L0
P	1613	101	1613	119	1011014	1.8 m	5A9
P	1613	190	1613	198	1011015	0.8 m	4C0
P	1613	198	1614	118	1011016	2.0 m	4L0
P	1614	118	1614	138	1011017	2.0 m	4L0
P	1614	138	1614	144	1011018	0.6 m	4L0
P	1614	144	1614	163	1011019	1.9 m	4C0

DDH 79-X-03
2 8

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

Page _____ of _____
Logged By: _____
Sampled By: DRK / ALL

Core No.	From	To	Sample No.	Description			
1	10	14	16	20	22	27	
							R&C. 100%
P	171008	171028	171028	171110	2.0 m		4A4
P	171028	171048	171048	171111	2.0 m		4A4
* P	171048	171064	171064	171112	1.6 m		4A4 2A4
P	181623	181642	181642	181113	1.9 m		4A1
P	181642	181645	181645	181114	0.3 m		4C0
P	181645	181665	181665	181115	2.0 m		4G4
P	181665	181680	181680	181116	1.5 m		4G4
P	181680	181687	181687	181117	0.7 m		4D0
P	181687	181697	181697	181118	1.0 m		4G4
P	181697	181704	181704	181119	0.7 m		4A0
P	181704	181712	181712	181120	0.8 m		4C0
P	181712	181721	181721	181121	0.9 m		4D4
P	181721	181725	181725	181122	0.4 m		4G1
P	181725	181747	181747	181123	2.2 m		4A0
P	181747	181767	181767	181124	2.0 m		4A4
P	181767	181787	181787	181125	2.0 m		4A4
P	181787	181801	181801	181126	1.4 m		4A4
P	171136	171157	171157	171248	2.1 m		4A0
P	171172	171193	171193	171249	2.1 m		4A0
P	171313	171334	171334	1712510	2.1 m		4L4
P	171334	171354	171354	1712511	2.0 m		4A0
P	171354	171374	171374	1712512	2.0 m		4A0
P	171374	171394	171394	1712513	2.0 m		4A0
P	171394	171407	171407	1712514	1.3 m		4A0
P	171407	171417	171417	1712515	1.0 m		4A0
P	171519	171612	171612	1712516	1.5 m		4A0
P	171612	171628	171628	1712517	1.6 m		4A0
P	181219	181232	181232	1812518	1.3 m		4A0
P	181232	181247	181247	1812519	1.5 m		4A0

79X-04

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 79-X-04

Fabric Orientation Diagram:

Project: DY

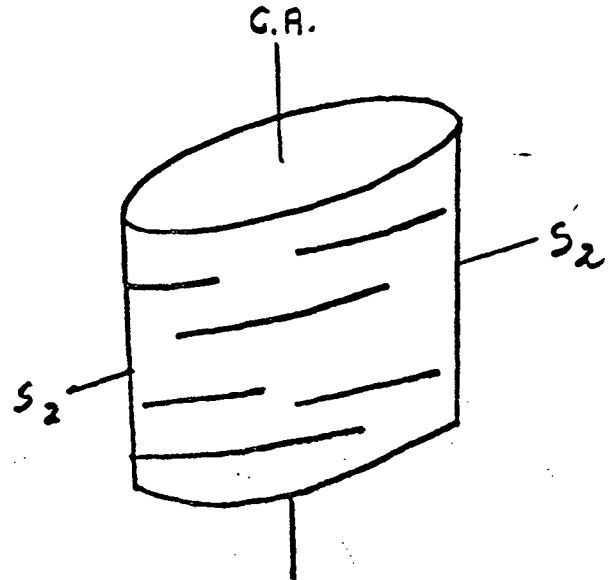
Location: Vangorda Plateau

Claim: DY 41

Terr. Plane
Co-ords.: 6900987.83 N

597700.76 E

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



All symmetry determinations looking

Inclination: Vertical

NW with S₂ dipping

Elevation: 1045.77

SW with dip azimuth 185.

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

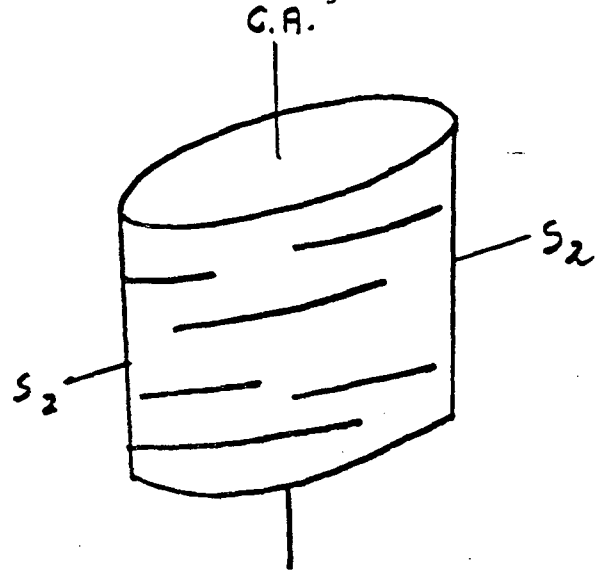
Location: YANCORDA PLATEAU

Claim: DY-43 41

Terr. Plane
Co-ords.: 6900987.83 N

597700.76 E

Grid
Co-ords.: 19+50 E 1505



Elevation: 1045.77

All symmetry determinations looking

NW with S2 dipping

SW with dip azimuth 185.

Total Depth: 689.1 M

Purpose: Define Dy sulfide horizon

Logged by: BVH/KCP 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 79-X-04
 2 8

Diamond Drill Core Log

Core No.	Drillhole	Elevation	Northing	Easting	Comments						
1	2	8	10	16	17	24	25	32	34	48	
T	79-X-04	1014.5	1717	619	010	918	71	519	77	010	18

Core No.	Drillhole	Depth	Zenith Angle	True Azimuth	Comments					
1	2	8	10	14	22	26	28	32	34	56
R	79-X-04	1100	1810.0	101.0	AT COLLAR					
R	79-X-04	1310	1719.7	3118.18						
R	79-X-04	1610	1719.0	2811.11						
R	79-X-04	1910	1716.7	2910.12						
R	79-X-04	11210	1715.1	2831.19						
R	79-X-04	11510	1713.2	2921.15						
R	79-X-04	11810	1712.9	2817.12						
R	79-X-04	12110	1712.9	2921.15						
R	79-X-04	12410	1712.8	2819.10						
R	79-X-04	12710	1712.0	2881.19						
R	79-X-04	13010	1713.7	2819.17						
R	79-X-04	13310	1713.6	3021.12						
R	79-X-04	13610	1714.0	3114.11						
R	79-X-04	13910	1713.5	3114.19						
R	79-X-04	14210	1714.0	3113.14						
R	79-X-04	14510	1712.7	3113.19						

Core No.	Drillhole	Comments, Errant Remarks, Snivellings and /or Lewd Suggestions								
1	2	8	10	16	17	24	25	32	34	48
C	79-X-04	DEPTH MEASURED IN METERS								

Lithologic Log

Logged By: BVH/LCF

Core	From	To	Unit	Code	Description	
1	10	14	18	20	22 23 25 27	
L	100	1156	11	F1	0/B	
L	1156	1196	12	5B10		
L	1196	1252	13	5B16		
L	1252	1326	14	5B12		
L	1326	1493	15	5B16		
L	1493	1561	16	5B10		
L	1561	1718	17	5B16		
L	1718	1745	18	5B10		
L	1745	1776	19	5B16		
L	1776	11026	110	5B10		
L	11026	11075	111	5B17	5B73	
L	11075	11727	112	5B10		
L	11727	11736	113	5B10		
L	11736	11776	114	5B10		
L	11776	11816	115	5B16		
L	11816	11977	116	5B10		
L	11977	12050	117	5B16		
L	12050	12652	118	5B10		
L	12652	12712	119	5B16		
L	12712	12728	210	5B10		
L	12728	12737	211	5B17	5B73	
L	12737	13041	212	5B13	5B39 Euhedral grains of pyrrhotite (and pyrite)	
L	13041	13047	213	0Q10	Quartz vein with green chlorite selvages	
L	13047	13115	214	5B13	5B39	
L	13115	13120	215	0Q10		
L	13120	13395	216	5B13	5B39	
L	13395	13406	217	5A13		
L	13406	13468	218	5B13	5B39	
L	13468	13481	219	5D13	5D39 Euhedral scattered pyrrhotite grains	
L	13481	13508	310	5B17	5B73	
L	13508	13570	311	5D13	5D39	
L	13570	13647	312	5B13	5B39	
L	13647	13669	313	4L17	4L76	
L	13669	13671	314	4L16		
L	13671	13758	315	5B13	5B3	
L	13758	13782	316	5D13		

Lithologic Log

Logged By: LCP

Depth m	From		To		Unit		Code		Description
	10	14	16	20	22	23	25	27	
L	3718	2	3718	7	37	5	B	3	
L	3718	7	3822	2	38	4	L	7	4276
L	3822	2	3896	6	39	5	B	3	
L	3896	6	3912	2	40	4	L	0	4207
L	3912	2	3916	6	41	4	A	7	
L	3916	6	3925	5	42	4	L	6	4260
L	3925	5	3946	6	43	4	A	0	
L	3946	6	3965	5	44	4	K	1	
L	3965	5	3988	8	45	4	C	7	4279 Minor chalcopyrite
L	3988	8	4000	0	46	4	A	0	
L	4000	0	4005	5	47	4	E	7	4271
L	4005	5	4014	4	48	4	L	6	
L	4014	4	4111	1	49	5	D	3	contains thin bands of 5B3
L	4111	1	4123	3	50	5	B	7	5273
L	4123	3	4141	1	51	5	D	3	
L	4141	1	4271	1	52	5	B	3	
L	4271	1	4293	3	53	5	B	2	5223
L	4293	3	4341	1	54	5	B	3	
L	4341	1	4350	0	55	5	D	3	
L	4350	0	4404	4	56	5	B	3	5232
L	4404	4	4410	0	57	5	D	3	
L	4410	0	4435	5	58	5	B	3	5232
L	4435	5	4438	8	59	0	Q	0	
L	4438	8	4462	2	60	5	B	3	
L	4462	2	4468	8	61	0	Q	0	
L	4468	8	4503	3	62	5	B	3	
L	4503	3	4547	7	63	5	D	3	
L	4547	7	4563	3	64	5	B	3	
L	4563	3	4592	2	65	5	D	3	
L	4592	2	4597	7	66	5	B	0	523
L	4597	7	4616	6	67	5	D	3	
L	4616	6	4641	1	68	5	B	7	5273
L	4641	1	4666	6	69	5	D	3	
L	4666	6	4675	5	70	5	B	0	
L	4675	5	4688	8	71	5	D	3	
L	4688	8	4849	9	72	5	B	7	5273

Code	From	To	Unit	Code	Description
	10 14 16 20 22 23 25 27				
L	141814 9	141817 3	713	5B10	
L	141817 3	141818 1	714	5D13	
L	141818 1	141911 0	715	5B10	
L	141911 0	141912 7	716	5D13	
L	141912 7	141914 4	717	5B10	
L	141811 4	141914 3	717	5B10	Rock extensively fractured - some fault gouge - numerous post-D2 links
L	141914 4	151011 3	718	5B19	Contains disseminated pyrrhotite in Qtz-rich areas pyrrhotite is anhedral - elongate in D2 foliation One small band of S23 at 496.7
L	151011 3	151012 6	719	5B17	Tuffaceous bands contain chlorite 5B739
L	151012 6	151014 0	810	5B19	
L	151014 0	151014 6	811	5A10	
L	151014 6	151015 3	812	5B17	
L	151015 3	151016 0	813	4L17	
L	151016 0	151157	814	5B16	5B62
L	151157	151162	815	4L17	4L76 Possibly related to intrusive dike
L	151162	151195	816	0E13	0E372 Phenocrysts of biotite and plagioclase 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	151211 3	817	0D10	0D07 Chlorite also present - may be altered biotite In places appears to have epidote
L	151211 3	151212 2	818	0D10	0D073 Finer-grained than previous Contact with previous type is sharp
L	151212 2	151318 5	819	0D10	0D07 Same as unit 87
L	151318 5	151411 8	910	0E13	0E372 Same as unit 86
L	151411 8	151516 2	911	5B16	5B692 Pyrrhotite disseminated
L	151516 2	151517 8	912	0A10	Qtz veins contain carbonate, chlorite, pyrrhotite Pyrrhotite enclosed by chlorite
L	151517 8	151713 8	913	5B16	5B69 Carbonate occurs in scattered thin stringers
L	151713 8	151716 4	914	5A9	
L	151716 4	151811 6	915	4L16	4L6 with bands of 5A
L	151811 6	151812 5	916	5A19	
L	151812 3	151814 1	917	4D17	4D75 Pyritic quartzite with bands of sphalerite & galena Pyrrhotite occurs with pyrite. Minor 4L6

Code	From		To		Unit	Code	Description
	10	14	16	20			
L	161214	6	162154	4	012	5D3	
L	162154		162158		013	5A10	
L	162158		162168		014	4G10	very pyritic toward the hanging wall, basitic toward the footwall. ~18% combined. DY-10
L	162168		162191		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	162191		163106		016	4C10	-massive py at the hanging wall. ~10% combined. DY-11
L	163106		163145		017	4A11	grades gradually into 4A1 gradually. less sph-gal than the previous 4A0 section - DY-12 ~8-10% combined
L	163145		163165		018	5A10	
L	163165		163175		019	01Q0	
L	163175		163188		110	5A10	
L	163188		164117		111	5B12	5829 Abundant quartz veins with pyrrhotite blebs
	164117		164175		112	5B16	58692
L	164175		165108		113	5D13	
L	165108		165172		114	5A19	
L	165172		165178		115	5D13	
L	165178		166117		116	5A19	Abundant thin calcite stringers in fractures
L	166117		166122		117	5A*	5A* - Musher horizon.
L	166122		166127		118	0E13	0E32 Dark gray dike with plg phenocrysts Ends have baked appearance Reaction "ashing" with graphitic phyllite
L	166127		166171		119	3B10	
L	166171		167107		210	4L16	4L67 Minor carbonate in one small band
L	167107		168191		211	3B10	Minor disseminated pyrrhotite
			168191				END OF HOLE

Structural Log

Code	From			To			Feature	E N	S ₁		S ₂		Description	
	10	14	16	20	22	24			26	28	Dip Direct.	Dip Direct.		32
S				156										
S				156			GSR				76	185		
S				222			CISZ				84	185		
S				295			FRZ				70	185	Z sym	15.6 - 29.5
S				364			CISZ				77	185		
S				430			FRZ						S sym	29.5 - 43.0
S				422			CISZ				80	185		
S				461			FRZ						Z sym	43.0 - 46.1
S				484			PISZ				80	185		
S				514			PISZ				83	185	P S ₂	47.0 - 55.6
S				516			FRZ						S sym	55.6 - 56.4
S				519			FRZ						Z sym	56.4 - 59.1
S				610			CISZ				70	185		
S				653			FRZ						S sym	56.4 - 65.3
S				676			CISZ				70	185		
S				685			FRZ						Z sym	65.3 - 68.5
S				732			FRZ						S sym	68.5 - 73.2
S				734			CISZ				83	185		
S				795			CISZ				75	185		
S				810			FRZ						Z sym	73.2 - 81.0
S				816			CISZ				85	185		
S				9150			CISZ				85	185		
S				9175			FRZ						S sym	81.0 - 97.5
S				11011			CISZ				85	185		
S				11015			FRZ						Z sym	97.5 - 101.5
S				11017			CISZ				85	185		
S				11096			FRZ						S sym	101.5 - 109.6
S				11241			CISZ				80	185		
S				11154			FRZ						Z sym	109.6 - 115.4
S				11190			FRZ						S sym	115.4 - 119.0
S				11197			CISZ				75	185		
S				1204			FRZ						Z sym	119.0 - 125.8
S				12158			CISZ				75	185		
S				11312			CISZ				85	185		
S				1318			CISZ				73	185		
S				1447			CISZ				85	185		

Structural Log

Code	From		To		Feature	E S ₁	S ₁ Dip Direct.		S ₂ Dip Direct.		Description	
	1	10	14	16			20	22	24	26		28
S					115108	C/S12			810	11815		
S					11680	C/S2			718	11815		
S					117100	C/S12			810	11815		
S					117158	C/S12			86	11815		
S					117171	IF2E						S sym 125.8 - 177.1
S					117194	IF23						Z sym 177.1 - 179.4
S					11806	C/S12			515	11815		
S					118177	IF2E						S sym 179.4 - 195.6
S					118192	C/S12			817	11815		
S					119156	C/S12			816	11815		
S					2082	C/S12			817	11815		
S					21064	IF23						Z sym 195.6 - 206.4
S					21106	C/S12			68	11815		
S					21160	C/S12			85	11815		
S					22230	IF2E			85	11815		S sym 206.4 - 223.0
S					223107	C/S12			82	11815		
S					223168	C/S12			85	11815		
S					224117	IF23						Z sym 223.0 - 241.7
S					22434	C/S12			81	11815		
S					22490	C/S12			85	11815		
S					225160	C/S12			810	11815		
S					226130	C/S12			65	11815		
S					227115	C/S12			65	11815		
S	12417				228100	C/S12E			717	11815		Z symmetry dominantly 241.7 - 280.0
S	128100				228131	C/S12S						S symmetry 280.0 - 283.1
S	128131				228147	C/S12E						Z symmetry 283.1 - 284.7
S					228171	C/S12			813	11815		
S	128147				228175	C/S12S						dominantly S symmetry
S	128175				229141	C/S12E						dominantly Z symmetry
S	129141				229159	C/S12S						dominantly S symmetry
S					229165	C/S12S			715	11815		
S					31054	C/S12			815	11815		
S	129159				310156	C/S12S						dominantly S symmetry
S					31145	P/S12			715	11815		
S	1310156				312109	C/S12E						dominantly Z symmetry
S					312109							0.1 m of breccia - post phase 2

Structural Log

Core	From		To		Feature	E S ₁	S ₁ Dip Direct.		S ₂ Dip Direct.		Description
	10	14	16	20			22	24	26	28	
S				131240	P/S12				87	11815	
S				131301	P/S12				77	11815	
S				1313165	C/S12				75	11815	
S				1314129	C/S12				75	11815	
S	1312109			131449	C/S12	S					dominantly S symmetry
S	131449			131491	C/S12	Z					dominantly Z symmetry
S				131572	P/S12				73	11815	
S				131667	C/S12				62	11815	
S				131756	P/S12				72	11815	
S				1318122	P/S12				80	11815	
S	131491			131851	C/S12	S					dominantly S symmetry
S	131851			1318188	C/S12	Z					dominantly Z symmetry
S				131905	C/S12				80	11815	
S				140142	P/S12				77	11815	
S	1318188			141108	C/S12	S					dominantly S symmetry
S				141118	C/S12				76	11815	
S	141108			141122	C/S12	Z					dominantly Z symmetry
S	141122			141149	C/S12	S					dominantly S symmetry
S	141149			141168	C/S12	Z					dominantly Z symmetry
S				141170	C/S12				60	11815	
S	141168			142118	C/S12	S					dominantly S symmetry
S				142148	C/S12				73	11815	
S				143119	C/S12				85	11815	
S	142118			143133	C/S12	Z					dominantly Z symmetry
S				143150	C/S12				90	11815	
S	143133			143176	C/S12	S					dominantly S symmetry
S	143176			144110	C/S12	Z					dominantly Z symmetry
S	144110			145198	C/S12	S					dominantly S symmetry
S				144441	P/S12				75	11815	
S				145103	P/S12				85	11815	
S				145193	P/S12				75	11815	
S				146124	P/S12				73	11815	
S	146113			146127	C/S12						dominantly S-symmetry
S	146127			146142	C/S12						dominantly Z-symmetry
S				146175	P/S12				80	11815	
S				147136	P/S12				82	11815	

Code	From				To				Feature	E S ₁	S ₁		S ₂		Description
	10	14	18	20	22	24	26	28			Dip	Direct.	Dip	Direct.	
S	1416	14	16	20	22	24	26	28							Dominantly S-symmetry
S	1417	15	0												Dominantly Z-symmetry
S				1418	10	0					810	11815			
S	1418	11	4	1419	14	3									Rock extensively fractured with some gouge zones Post D ₂ kinking present
S				1418	4	5	CIS12	S							S-symmetry in minor folds
S				1419	10	2	CIS12	Z							Z-symmetry in 2 minor folds
S				1419	15	0	PIS12				716	11815			Just above this location lithology is at a low angle to the core.
S	1419	4	9	1419	16	5	CIS12	S							Dominantly S-symmetry in minor folds
S	1419	16	5	1419	19	1	CIS12	Z							Dominantly Z-symmetry in minor folds
S				1501	1	1	CIS12	S			617	11815			
S	1419	19	1	1501	1	5	CIS12	S							Dominantly S-symmetry in minor folds
S	1501	1	5	1501	4	0	CIS12	Z							Dominantly Z-symmetry in minor folds
S				1501	7	5	PIS12				310	11815			
S				1511	0	5	PIS12				510	11815			
S				1511	5	5	PIS12				717	11815			
S				1511	6	2					415	11815			Contact between dike & phyllite
S	1511	7	3	1511	7	7					315	11815			Small layer of phyllite in dike - upper contact
S											415	11815			- lower contact
S				1514	1	8					315	11815			Lower contact of dike & phyllite
S				1514	1	9	CIS12	Z			810	11815			Two Z-symmetry minor folds
S				1514	3	9	CIS12	S			715	11815			S-symmetry minor fold
S	1514	15	6	1514	16	4	CIS12	S							Dominantly S-symmetry in minor folds
S	1514	16	4	1514	18	5	CIS12	Z							Dominantly Z-symmetry in minor folds
S															At 547.1 lithology parallel to core
S				1515	10	1	PIS12				815	11815			
S	1514	18	5	1515	12	8	CIS12	S							Dominantly S-symmetry in minor folds
S	1515	12	8	1515	14	2	CIS12	Z							Dominantly Z-symmetry in minor folds
S				1515	16	2	PIS12				710	11815			
S				1516	12	3	PIS12				712	11815			
S	1515	14	2	1517	13	6	CIS12	S							Dominantly S-symmetry in minor folds
S				1516	17	7	CIS12	Z			618	11815			
S				1517	3	0	CIS12	S			810	11815			
S	1517	3	6	1517	15	5	CIS12	Z							Dominantly Z-symmetry in minor folds
S				1518	0	1	PIS12				615	11815			

79X-05

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 79-X-05

Fabric Orientation Diagram:

Project: DY

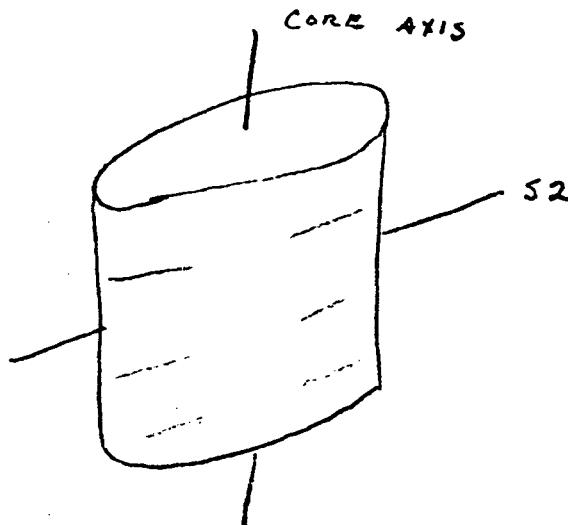
Location: Vangorda Plateau

Claim: DY 41

Terr. Plane Co-ords.: _____ N

_____ E

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



Inclination: Vertical

All symmetry determinations looking

NW with S₂ dipping

Elevation: _____

SW with dip azimuth 185.

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

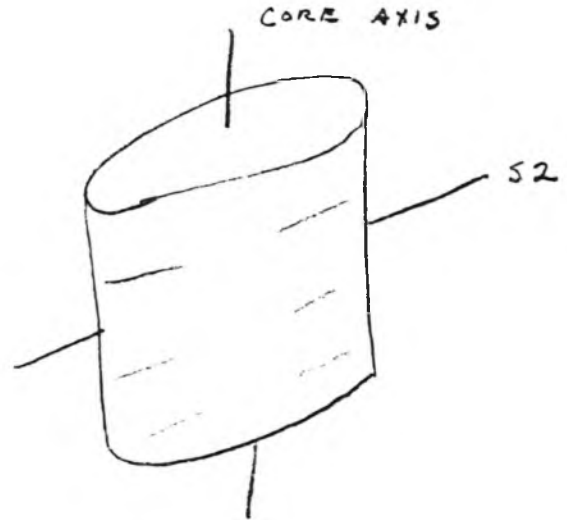
Terr. Plane
Co-ords.: _____ N

_____ 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 SULFIDE HORIZONS

Logged by: LCP

Date(s) Logged: JUNE 14 -

Drilling Contractor:	<u>ARCTIC</u>	Core:	Size	From	To	Collar Cased and Capped:
			<u>NA</u>	<u>6.1 M</u>		_____

Started: MAY 30, 1979 Completed: _____

Summary Log

DDH 79-X-O.S.
2 8

Cyprus Anvil Mining Corp.

Lithologic Log

Page _____ of _____

Logged By: R v H

Core	From	To	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
	1 1010	1 1211	1	16.8	01B
	1 1211	1 1218.2	3	910.7	SB - SD
	1 1218.2	1 1218.7	3	915.3	4L6
	1 1219.7	1 1310.7	3	918.3	4C0
	1 1310.7	1 1712.7	5	216.4	50 - 50
	1 1712.7	1 1717.5	5	411.0	4L4
	1 1717.5	1 1816.10	5	616.9	SB - 50 mostly 50
	1 1816.10	1 1912.10	5	815.2	0EB
	1 1912.10	1 1919.10	16	016.5	4A0 minor bands of massive po (1984)
	1 1919.10	2 0140	16	211.6	460
	2 01410	2 0147	16	213.9	0EB
	2 0147	2 0158	16	217.3	4A0
	2 0158	2 0175	16	312.4	0EB
	2 0175	2 01910	16	317.0	4A0 minor: po-spl bands
	2 01910	2 01915	16	318.5	0EB
	2 1019.5	2 11416	16	514.1	5A0 15B2
	2 11416	2 11510	16	515.3	5D3
	2 11510	2 11517	16	517.4	4L6
	2 11517	2 11616	16	610.2	5R
	2 11616	2 1216.2	16	819.4	0EB (22251)
	2 1216.2	2 1218.1	16	915.2	SB/SD
	2 1218.1	2 1219.4	16	916.1	0EB
	2 1219.4	2 1219.10	16	918.0	SB/SD
	2 1219.10	2 1219.14	16	919.2	0EB
	2 1219.4	2 1219.6	1	11	5R
	2 1219.6	2 1219.9	1	11	0EB
	2 1219.9	2 1331.1	1	11	SB ←
	2 1321.1	2 1313.0	1	11	0EB } Possible Mt My
	2 1313.0	1 1 1	1	11	SB ←
	1 1 1	1 1 1	1	11	
	1 1 1	1 1 1	1	11	
	1 1 1	1 1 1	1	11	
	1 1 1	1 1 1	1	11	
	1 1 1	1 1 1	1	11	
	1 1 1	1 1 1	1	11	
	1 1 1	1 1 1	1	11	
	1 1 1	1 1 1	1	11	

(* Summary:

Lithologic Log

Logged By: LCP

Code	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	Internal contains numerous opaque white quartz veins containing white calcite and green chlorite aggregates
L	13 1	219 9	14	5B10	Calcareous pale grey phyllite. Minor quartz veining. Euhedral pyrite grains in calcareous bands - appear to have a pressure shadow in S ₂
L	219 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 grey phyllite laminated to banded. Euhedral pyrite grains in light bands. Some pyrite anhedral in S ₂ . Pyrrhotite occurs sporadically with pyrite starting at 30.9 m
L	1913 6	1915 4	19	5B16	Medium grey non-calcareous phyllite with qtz stringers
L	1915 4	1918 5	110	5B10	SBD → SB2
L	1918 5	11711 8	111	5B16	Variable SB6 - SB2. Scattered sections with abundant quartz-carbonate-chlorite veins. Phyllite light to medium grey, 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 veins
L	11717 7	11718 9	113	5B12	Medium grey calcareous phyllite
L	11718 9	11719 2	114	5B10	Small section of SB as fault gouge
L	11719 2	11919 3	115	5B10	SBD → SB2
L	11919 3	121010 6	116	5D13	Massive green with gray to white discontinuous carbonate stringers (laminae). Lower part becomes increasingly micaceous. Transition SB3 → SB73 → SB0 Over 0.4 M
L	121010 6	121315 9	117	5B10	Laminated grey phyllite. Euhedral pyrite. Qtz veins with carbonate & silice. Variably laminated. Variable amounts of carbonate. Dominantly euhedral pyrite - occasional euhedral pyrrhotite.
L	121315 9	121316 8	118	5B12	Mainly euhedral pyrite
L	121316 8	121511 2	119	5B10	Tension gashes filled with carbonate & quartz. Mainly euhedral py

Lithologic Log

Code	From	To	Unit	Code	Description
	10 14	16 20	22 23	25 27	
L	121511 2	121511 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 gte 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 gte + carbonate laminae Mainly pyrite - only minor pyrrhotite
L	121719 1	121817 5	214	51817	5B73 Gradual transition from 5D3 through increase in micas - develops a strong, spaced crenulation cleavage. Tension gashes filled with gte & 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 gte veins Pale grey to greenish grey phyllite Transitional to 5B7 S ₁ not readily visible. No apparent sulfide grains
L	121913 0	131011 6	218	51816	5B62 Abundant gte veins Strong development of post-D ₂ 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 ₂ cleavage Sulfide grains are pyrite - occur in gte-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

Code	From	To	Unit	Code	Description
1	10 14 16	20 22 23 25 27			
L	131145	131170	312	51D13	Same as above except freezes with HCl
*	L 131170	131230	313	51B17	5B73 Pale green laminated phyllite Well developed D ₂ crenulation cleavage Euhedral pyrrhotite grains No pyrite noted
L	131230	131268	314	51B10	light grey phyllite Area - internal strongly affected by post D ₂ deformation
L	131268	131450	315	51B17	5B73 Light to dark green phyllite Crenulation cleavage D ₂ well developed Euhedral to anhedral pyrrhotite - no pyrite noted
L	131450	131472	316	51D13	Pale olive massive with discontinuous white laminations Euhedral pyrite and pyrrhotite Some grains contain mottled py + po pattern in same crystal
L	131472	131647	317	51B17	5B73 Upper part contains mottled py + py Lower part consists entirely of pyrrhotite Dark green to light green phyllite
L	131647	131669	318	51B10	Gray to greenish grey phyllite
L	131669	131742	319	51D13	Upper internal is massive Rapidly becomes micaceous - looks like chloritic phyllite Transitional to 5B73 Minor sulfide grains - pyrrhotite - no pyrite noted
L	131742	131954	410	51B17	5B73 Dark to olive green chloritic phyllite Euhedral pyrrhotite in minor amounts - no pyrite noted
L	131954	131988	411	41K17	4K798 Massive pyrite + pyrrhotite Carbonate clasts - angular in sulfide matrix Minor scattered chalcocyanite Minor magnetite in clasts One thin band (less than 2cm thick) consists dominantly of siderite Internal contains bands of grey phyllite interlayered with massive sulfides Carbonate does NOT react strongly to weak HCl
L	131988	141035	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 portion 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 crenulation cleavage. Separated from #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 crenulation cleavage (D2). Contains thin discontinuous calcite microliths. 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 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 qty
L	141814 2	151013 7	516	51D13	Thin bands or 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 51B.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	1512172	1513121	613	41L17	4L7462 Chloritic phyllite - green to off-white - with bands and stringers of sulfides & few layers rich in pyrite. Also often pyrrhotite. Sphalerite & galena with pyrite for pyrrhotite. Qtz veins present
L	1513121	1513148	614	41L17	4L7463 Same as above Except appears brecciated with white extremely soft mineral as matrix. Possibly the white mineral - Talc?
L	1513148	1513169	615	41L17	4L7462 Minor pyrite with pyrrhotite
L	1513169	1513175	616	41L16	Alterd 5B7 - green anhedral to euhedral pyrrhotite
L	1513175	1514124	617	51B17	5B73 Euhedral to anhedral pyrrhotite. Pyrrhotite has str-rich pressure shadow in D2 cleavage
L	1514124	1514139	618	41L17	4L746 No readily visible pyrite with pyrrhotite. Lowest part contains massive un-identified silvery-gray sulfide → marcasite?
L	1514139	1516160	619	51B12	Gray phyllite Green east from chloritic, transitionally disappears as go down hole. Euhedral 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	1516160	1516165	710	01E13	0E327 Dark gray aphanitic (andesitic) Phenocrysts of biotite, plagioclase, minor quartz. Contact against phyllite has baked brown appearance.
L	1516165	1517113	711	01D17	0D70 Pale gray Visible biotite & chlorite & few phenocrysts of plagioclase. Non-foliated. Transitional contact with unit # 70. Appears to be some hazy interbanding of units 70 & 71
L	1517113	1517140	712	01D19	0D97 Alterd unit # 71 Feldspars gone to clays
L	1517140	1518120	713	01D17	0D70 Same as unit # 71
L	1518120	1519154	714	01E13	0E327 Same as unit # 70
L	1519154	1518163	715	41L16	Pale green phyllite Looks like alterd 5A9 - may be related to intrusive dike
L	1518163	1519111	716	41A14	Graphitic ribbon-banded Contains sphalerite, galena, pyrite
L	1519111	1519117	717	51D13	or possibly 4L definitely calcareous & chloritic

Code	From	To	Unit	Code	Description
	10 14 16	20 22 23 25 27			
L	151911 7	151912 2	718	41H1	Subangular clasts of phyllite, carbonate, & quartz in massive fine-grained pyrrhotite
L	151912 2	151916 1	719	41A14	4A47 Pyrrhotite with sphalerite & galena Minor chalcocite as thin discontinuous stringers cross-cutting the foliation, D2, and sulfides Pyrite not readily visible
L	151916 1	161014 0	810	41A14	4A457 Dark graphitic phyllite Would be considered SA 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 pyrite in metamorphic bands along D2. Minor chalcocite locally contains small amounts of sphalerite & galena.
L	161116 5	161119 9	813	41A14	4A47 Ribbon-banded with pyrite, pyrrhotite, minor sphalerite Thin chalcocite stringers cross-cut the D2 crenulation cleavage
	161119 9	161212 3	814	41L17	4L74 Off-cream to pale green phyllite Disturbed 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 & pyrrhotite
L	161217 4	161218 3	817	01E10	Contains minor amounts of chalcite.
L	161218 3	161219 6	818	01E19	Altered unit # 37
L	161219 6	161312 3	819	01E10	Minor amounts of chalcite 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	Granitic zone 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 SA
L	161317 2	161318 7	913	01D10	Pale gray equigranular like
L	161318 7	161319 6	914	41D17	Massive sulfide interbedded with chloritic phyllite Uppermost part of interval consists of SA
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

Core 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 in the phyllite - gradual transition to more siliceous and more siliceous. Contains stringer-type pyrobitite associated with quartz
L	161517	8	161610	4	919	31G10			Non-calcareous phyllite
L	161610	4	161612	3	010	01E13			OE327 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			OE327 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 pyrobitite.
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 microlites. 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 may give 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	171010	3	019	01E13			Same as Unit # 105
L	171010	3	171017	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	171017	4	171019	3	111	01E13			Same as unit # 105. Middle of interval consists of brecciated 3G1 on one side of core. Upper

Lithologic Log

Code	From		To		Unit		Code	Description
	10	14	16	20	22	23		
								part is dark olive green rather than dark brown black.
L	171019	7	171113	2	112	31G1		Brecciated 3G. Same as Unit # 110 Interval becomes less brecciated towards bottom Brown to pinkish color - probably more biotite than chlorite Qtz fills fractures - only rarely does calcite fill fractures Breccia post-ph ² since foliated clasts
L	171113	2	171118	1	113	01E13		Dark brown with white unoriented feldspar microcline Locally amygdaloidal - irregular vesicles filled with white mineral - carbonate. In one amygdaloidal region the vesicles outer wall is rimmed or filled by pyrite. Same as Unit # 115
L	171118	1	171211	4	114	31G1		Extensive quartz-filled fractures More brecciated near contact with Unit # 115
L	171211	4	171212	6	115	01E13		Same as Unit # 105 Unit is calcareous throughout
L	171212	6	171213	1	116	31G10		Dark green-gray quartzitic phyllite.
L	171213	1	171213	7	117	01E13		Same as Unit # 105 Locally amygdaloidal - filled by calcite Matrix also calcareous
L	171213	7	171215	1	118	31G10		Gray phyllite Phyllitic areas are carbonaceous
L	171215	1	171215	3	119	01E13		0E39 Amygdaloidal Unit totally altered to soft pale brown to olive green Unit still calcareous. Same as 105
L	171215	3	171215	6	210	31G19		Extremely graphitic phyllite Looks like SA A few angular phyllite fragments with fibers in them No calcareous
L	171215	6	171215	9	211	01E13		0E39 Altered to pale olive green color.
L	171215	9	171216	3	212	31G19		
L	171216	8	171218	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	171218	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 5
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 variable 734.8

Geochemical Log (Sampler's Copy)

Logged By: LCP

Sampled By:

Code	From		To		Sample No.	RECOVERY	Description
	10	14	18	22			
P	131915	3	131916	3	X1 1031015	.9	4K798
P	131916	6	131918	2	X1 1031016	1.5	4K798
P	131918	2	131918	9	X1 1031017	.6	4K798
F	151217	1	151219	0	X1 1031111	2.0	4L746
P	151219	0	151311	0	X1 1031112	1.8	4L746
P	151311	0	151312	0	X1 1031113	1.3	4L746
P	151312	0	151313	0	X1 1031114	1.4	4L743 brecciated 4L746
P	151313	0	151314	9	X1 1031115	1.3	4L743 brecciated 4L746
P	151314	9	151316	7	X1 1031116	2.1	4L746
P	151412	5	151414	1	X1 1031117	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
F	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

Core	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	OFB			
	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	2121310	1	1 1	4G4			
	2121310	2131119	1	1 1	4L0			excellent grade 72%
	2131119	2131218	1	1 1	4G0			2300 - 2386'
	2131218	2131312	1	1 1	4L0			
	2131312	2131319	1	1 1	4G4			
	2131319	2141214	1	1 1	4G4			4E0 content increasing toward
	1 1 1	1 1 1	1	1 1				two foot wall grade decreasing
	2141214	2141516	1	1 1	4A0			possibly 5% combined
	2141516	2141716	1	1 1	5A0			
	2141716	2151114	1	1 1	SB 1SD			
	2151114	2141516	1	1 1	4A0			~ 5-6 % sph.
	2141516	2141616	1	1 1	5A0			
	2141616	2151218	1	1 1	SB / SD / SA			
	2151218	2151611	1	1 1	4A0			
	2151611	2151416	1	1 1	4L7			
	2151416	2151619	1	1 1	4D / 4G			
	2151619	2151810	1	1 1	4L			TO: GLENN SIMPSON
	2151810	2151817	1	1 1	4A0			2 PAGES
	2151817	2151916	1	1 1	4G			
	2151916	2161012	1	1 1	SBZ			
	2161012	2161110	1	1 1	4G			
	2161110	2161113	1	1 1	4E0			(*) Summary
	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.			

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 79-x-06.

Fabric Orientation Diagram:

Project: DY

Location: YANGORDA PLATEAU

Claim: DY-184

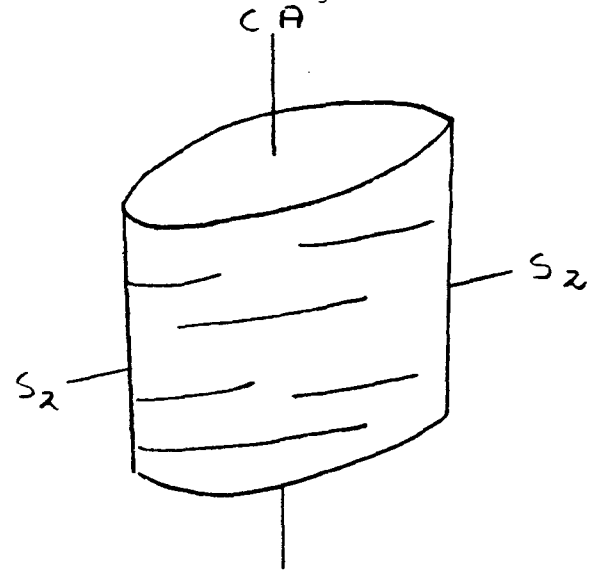
Terr. Plane Co-ords.: _____ N

_____ E

Grid Co-ords.: L 13+50

150 S

Elevation: _____



All symmetry determinations looking

NW with S2 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

Code	From		To		Unit		Code	Description
	10	14	16	20	22	23		
L	11010		1167		11		#	O/B
L	11157		11162		12		S1B10	
L	11162		11410		13		S1B16	
L	11410		11451		14		S1B10	
L	11451		11714		15		S1B16	gouge zones 55.8 - 59.3 m, 63.1 - 63.5 64.9 - 66.9
L	11714		11911		16		S1B10	
L	11911		11912		17		S1B16	
L	11912		11101		18		S1B12	
L	11101		11102		19		S1B10	
L	11102		11101		10		S1B12	
L	11101		11111		11		S1B10	
L	11111		11316		12		S1B16	
L	11316		11418		13		S1B10	
L	11418		11513		14		S1B12	- SB23
L	11513		11516		15		S1B10	
L	11516		11517		16		S1B12	- SB23
L	11517		11611		17		S1B10	
L	11611		11813		18		S1B16	
L	11813		12012		19		S1B10	
L	12012		12016		20		S1B16	
L	12016		12115		21		S1B10	
L	12115		12118		22		S1A10	
L	12118		12411		23		S1B10	
L	12411		12414		24		S1B17	- SB73
L	12414		12419		25		S1B17	
L	12419		12615		26		OIE12	- OE29 plag altered to kalsinite
L	12615		12616		27		OIE13	
L	12616		12715		28		S1B16	py diss.
L	12715		12717		29		S1B10	
L	12717		12812		30		S1B17	SB73
L	12812		12813		31		S1B10	py diss
L	12813		13118		32		S1B16	~ gouge zones 283.9 - 284.4, 305.4 - 307.8
L	13118		13210		33		S1B10	py diss
L	13210		13513		34		S1B16	py diss, 1 st grain of py 343.5 m
L	13513		13514		35		S1A11	

Lithologic Log

Code	From		To		Unit		Code	Description
	10	14	16	20	22	23		
L	131514	5	131515	3	316	51816		
L	131515	3	131518	2	317	51811		brecciated gouge zone 355.3 - 358.2
	111		111		1	11		numerous qtz clasts, probably deformed
	111		111		1	11		qtz veins
L	131518	2	131614	5	318	51812		- 5B23
L	131614	5	131710	2	319	51817		5B23 py diss
L	131710	2	131711	8	410	51812		- 5B23
L	131711	8	131815	3	411	51810		gouge zone 372.6 - 372.9 m 1 grain of po associated with py grains
L	131815	3	131815	8	412	51812		- 5B23
L	131815	8	131915	7	413	51810		gouge zone 394.8 - 395.6
L	131915	7	141012	1	414	51812		- 5B23 py > po diss
L	141012	1	141115	1	415	51810		diss py = po
L	141115	1	141115	9	416	51010		
L	141115	9	141212	5	417	51816		
L	141212	5	141213	4	418	51013		
L	141213	4	141215	2	419	51810		
L	141215	2	141313	3	510	51013		
L	141313	3	141315	5	511	51810		
L	141315	5	141319	1	512	51013		
L	141319	1	141411	0	513	51816		
L	141411	0	141412	4	514	51013		
L	141412	4	141414	5	515	51817		- 5B23
L	141414	5	141417	0	516	51816		gouge zone 446.7 - 447.0
L	141417	0	141417	6	517	51010		
L	141417	6	141418	4	518	51816		
L	141418	4	141419	1	519	51015		
L	141419	1	141511	3	610	51013		✓
L	141511	3	141519	3	611	51810		
L	141519	3	141612	6	612	51013		
L	141612	6	141613	5	613	51810		
L	141613	5	141614	2	614	51813		
L	141614	2	141616	6	615	51816		
L	141616	6	141618	7	616	51817		
L	141618	7	141912	2	617	51816		po > py gouge zone 485.4 - 485.6
L	141912	2	151018	6	618	51810		
L	151018	6	151019	3	619	51016		

L	From		To		Unit		Code		Description
	10	14	16	20	22	23	25	27	
L	510	93	1511	157	710		51B10		gauge zones 510.0 - 512.0, 513.3 - 513.4
L	1511	157	1512	106	711		51D16		
L	1512	106	1512	118	712		51D13		
L	512	118	1512	157	713		51B10		gauge zone 522.6 - 522.8
L	1512	157	1512	179	714		51B12		- SB23 gauge zone 527.6 - 527.9
L	1512	179	1512	193	715		51D16		
L	1512	193	1513	153	716		51B10		
L	1513	153	1514	148	717		51B17		- SB73 possible section containing rip-up clasts
L	1514	148	1514	177	718		51B10		
L	1514	177	1515	156	719		51B16		
L	1515	156	1515	187	810		51B17		- SB73
L	1515	187	1516	173	311		41L16		- 41L67 closely resembles SB,
	111		111		1		11		section only appears slightly
	111		111		1		11		altered.
L	1516	173	1516	125	812		51B17		- SB73
L	1516	125	1517	152	813		51B10		
L	1517	152	1517	181	814		51B16		gauge zone 575.9 - 576.2
L	1517	181	1517	197	815		51B10		
L	1517	197	1519	178	816		51B16		gauge zone 590.3 - 590.7, 591.6 - 592.1
L	1519	178	1610	111	817		51B10		
L	1610	111	1610	162	818		51B12		- SB23
L	1610	162	1610	175	819		01Q10		
L	1610	175	1611	114	910		41L17		
L	1611	114	1611	138	911		01Q10		
L	1611	138	1611	152	912		41L16		- 41L67
L	1611	152	1613	114	913		51B12		- SB23 gauge zone 616.7 - 616.8, 620.1 - 620.2
L	1613	114	1613	140	914		51B12		- SB26
L	1613	140	1613	156	915		51B12		- SB23
L	1613	156	1613	182	916		51B10		
L	1613	182	1614	117	917		51B17		- SB73
L	1614	117	1615	101	918		51A13		gauge zone 647.7 - 648.0
L	1615	101	1615	130	919		51B12		- SB23
L	1615	130	1615	157	910		51B16		
L	1615	157	1615	188	911		51B10		
L	1615	188	1616	114	912		41L16		
L	1616	114	1616	158	913		51B16		

Lithologic Log

Code	From	To	Unit	Code	Description
	10 14	16 20	22 23	25 27	
L	161615 8	161617 7	014	41L15	
L	161617 7	161710 2	015	51B12	- 5B23
L	161710 2	161711 0	016	51A11	- 5A19
L	161711 0	161712 0	017	41K17	massive po in a calcareous matrix
					minor bands of galena
L	161712 0	161716 7	018	51A11	
L	161716 7	161717 3	019	41K17	- 4K79 minor qtz veins and brecciated
					zones, minor spy blebs, massive po
L	161717 2	161717 7	110	41K17	massive po in a slightly calcareous matrix
L	161717 7	161718 1	111	41L11	- 4L15
L	161718 1	161719 4	112	41G1A	calcareous material within the baritic matrix, ~ 8-9% combined
L	161719 4	161811 6	113	41L13	
L	161811 6	161815 3	114	41L16	
L	161815 3	161910 2	115	41L17	
L	161910 2	161918 4	116	41L16	- 4L679 resembles blebs SD, possible protolith
L	161918 4	171014 9	117	41L17	chloritic patches surrounding the po veins.
L	171014 9	171016 6	118	41L16	resembles altered SA
L	171016 6	171018 5	119	41E18	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	41G10	base metal content low, baritic content
					high, veined by calcite.
L	171110 8	171113 0	211	41L13	- with 0QO swells, minor po, chl
					content very low.
L	171113	171114 3	212	41G11	- 4G18 baritic bands interbedded with
					siliceous bands, magnetite occurring
					in discrete bands with have been
					bouldered.
L	171114 3	171114 8	213	41L13	flame structures of sph within the 4L,
					massive sph at the footwall and hanging
					wall contacts
L	171114 8	171116 1	214	41G11	- 4G148 siliceous material interbedded
					with the baritic material.
					mag occurring in bouldered bands

Code	From	To	Unit	Code	Description
I	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, spy 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-gtz-calcite which contains flame structures which embay into it containing minor sph-gal-spy-py

* Authors Note "A Very Silty Day"

Lithologic Log

Code	From	To	Unit	Code	Description
1	10 14 16	20 22 23 25 27			
L	171354	171380	312	41G14	- 4648 minor carbonate in the matrix
					minor graphitic band exhibiting possible soft rock features
L	171380	171385	313	51D16	minor diss py, abundant siliceous bands interbanded
L	171385	171398	314	41G10	carbonate in matrix interbanded with 4F, bands approx 10cm thick
L	171398	171455	315	41A10	sulphide content decreasing gradually from the hanging wall, sph generally more abundant toward the hanging wall, py dominant sulphide
L	171455	174175	316	41A17	po content evident as opposed to # 35
L	174175	175106	317	51A19	minor py and po in bands.
L	175106	175119	318	51A10	
L	175119	175125	319	51D14	minor sph bands.
L	175125	1716107	410	51B12	minor bands of po
L	1716107	1716120	411	51A10	
L	1716120	1716130	412	51B16	
L	1716130	1716153	413	41L13	appears to be an altered version of 5D
L	1716153	1716162	414	41L11	- 4L14 - laminated chert.
L	1716162	171721	415	41A10	minor py bands
L	171721	1717173	416	41A4	sph bands.
L	1717173	1717177	417	51D10	
L	1717177	1718107	418	51B16	- minor band of SA0 777.7 - 777.8
L	1718107	1718121	419	41L13	minor diss po
L	1718121	1718128	510	41G14	- 4648
L	1718128	1718133	511	41D14	- 4D48 barite content down, sulphide content up.
L	1718133	1718139	512	41C19	
L	1718139	1718152	513	41A17	- 4A79
L	1718152	1718164	514	41L13	- 4L37
L	1718164	1718180	515	41A10	
L	1718180	1718189	516	41C10	clots of silica
L	1718189	1718195	517	41G10	
L	1718195	1719101	518	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 0	171911 7	611	41417	
L	171911 7	171912 4	612	51910	
L	171912 4	171913 3	613	51312	
L	171913 3	171913 6	614	41416	
L	171913 6	171914 5	615	41610	little base metal content,
L	171914 5	171916 6	616	41518	✓
L	171916 6	171917 8	617	41618	
L	171917 8	171919 5	618	41910	
L	171919 5	181010 6	619	41613	- 4437
L	181010 6	181011 6	710	41910	
L	181011 6	181012 1	711	41113	
L	181012 1	X181013 0	712	41411	✓ 4417
L	181012 9	181015 7	713	41618	- 4689 mainly banded py with some bands of barite and qtz up to 10 cm carbonate also in the matrix
					carbonate also in the matrix
					diss blobs of cpy
L	181015 7	181114 4	714	41416	- 4467
L	181114 4	181116 2	715	41411	- 4417 po more abundant than # 74
L	181116 2	181316 1	716	41416	- 4467
L	181316 1	181410 3	717	41417	
L	181410 3	181413 8	718	41416	- 4467
L	181413 8	181417 2	719	41417	
L	181417 2	181514 5	810	41416	4467 bt bands 849.2
L	181514 5	181515 4	811	41411	- 4417
L	181515 4	181711 0	812	41416	- 4467
L	181711 0	181713 2	813	41417	po content ~ 50% 872.5 - 873.2
L	181713 2	181715 7	814	41910	
L	181715 7	181718 0	815	41914	~ 10% combined very siliceous.
L	181718 0	181718 8	816	41610	- slightly calcareous matrix
L	181718 8	181719 2	817	41910	
L	181719 2	181813 2	818	51919	main sulphide py
L	181813 2	181815 3	819	51919	main sulphide po
L	181815 3	181816 4	910	41417	massive py band at the hanging wall contact.

DDH 29-X-06
2 8

Cyprus Anvil Mining Corp.

Page 1 of 1
Logged By: D Y H
Sampled By: ALL/MCN

Geochemical Log (Sampler's Copy)

Code	From	To	Sample No.	Description
	10 14 16 20 22 27			
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	X10131020	1.3 m 4G8 1.3 m
P	1710166	1710185	X10131021	1.9 m 4E8 2.14 1.9
P	1710185	1711088	X10131022	2.3 m 4G0 2.62 2.3
P	1711130	1711143	X10131023	1.3 m 4G18 1.3
P	1711143	1711148	X10131024	0.5 m 4L3 .5
P	1711148	1711161	X10131025	1.3 m 4G18 1.6 1.3
P	1711161	1711167	X10131026	0.6 m 4D4 .7 0.1
P	1711167	1711174	X10131027	0.7 m 4G148 .9 0.7
P	1711174	1711182	X10131028	0.8 m 4D48 2.0 0.8
P	1711182	1712102	X10131029	2.0 m 4G148 2.2 2.0
P	1712102	1712122	X10131030	2.0 m 4G148 2.1 2.0
P	1712122	1712142	X10131031	2.0 m 4G148 2.2 2.0
P	1712142	1712157	X10131032	1.5 m 4G148 1.3
P	1712157	1712167	X10131033	1.0 m 4G148 1.2 1.0
P	1712167	1712183	X10131034	1.6 m 4E4 1.6
P	1712183	1713105	X10131035	2.2 m 4G0 2.2
P	1713105	1713127	X10131036	2.2 m 4G0 2.3 2.2
P	1713127	1713140	X10131037	1.3 m 4E0 1.9 1.3
P	1713140	1713154	X10131038	1.4 m 4E0 1.7
P	1713154	1713170	X10131039	1.6 m 4G48 1.5
P	1713170	1713180	X10131040	1.0 m 4G48 1.0
P	1713180	1713185	X10131041	0.5 m 5D69 .5
P	1713185	1713198	X10131042	1.3 m 4G0 1.8 1.3
P	1713198	1714118	X10131043	2.0 m 4A0 2.0
P	1714118	1714138	X10131044	2.0 m 4A0 2.0
P	1714138	1714155	X10131045	1.7 m 4A0 1.7
P	1714155	1714175	X10131046	2.0 m 4A7 2.0
P	1717121	1717141	X10131047	2.0 m 4A4 2.0
P	1717141	1717161	X10131048	2.0 m 4A4 2.06

Code	From	To	Sample No.	Description
P	171716	171717	X 104110	1.2 m 4A4 1.1
P	171812	171812	X 104113	0.7 m 4G48 7
P	171812	171813	X 104119	0.5 m 4D48 .5
P	171813	171813	X 104119	0.6 m 4C9 .6
P	171813	171815	X 104150	1.5 m 4A79 1 m
P	171816	171816	X 104111	1.2 m 4L37 1.2
P	171816	171818	X 104111	1.2 m 4A0 1.6
P	171818	171818	111111	0.9 m 4C0 .85 m
P	171818	171819	113815	0.6 m 4C0 1.6 m
P	171819	171910	113816	0.6 m 4E8 .83 m 0.6
P	171910	171910	113817	0.4 m 4C8 .44 m
P	171910	171911	113818	0.5 m 4C0 .5 m 0.5
P	171911	171911	113819	0.7 m 4L7 .85 m 0.7
P	171913	171914	113810	0.9 m 4G0 1.15 m 0.9
P	171914	171916	113811	2.1 m 4E8 1.9 m
P	171916	171917	113812	1.2 m 4G8 1.2 m
P	171917	171919	113813	1.7 m 4A0 1.7 m
P	171919	181010	113814	1.1 m 4L37 1.1 m
P	181010	181011	113815	1.0 m 4A0 .85 m 0.7
P	181012	181014	113816	1.3 m 4G89 1.3 m
P	181014	181015	113817	1.5 m 4G89 1.5 m
P	181112	181114	113818	1.7 m 4L67 1.65
P	181114	181116	113819	1.8 m 4L17 1.7
P	181116	181117	114010	1.8 m 4L67 2.08 1.8
P	181712	181713	113819	0.7 m 4L7 .98 0.7
P	181713	181714	113810	1.0 m 4A0 1.1 1.0
P	181714	181715	113811	1.5 m 4A0 1.8 1.5
P	181715	181718	114511	2.3 m 4A4 2.03
P	181718	181718	114512	0.8 m 4G0 1.8
P	181718	181719	114513	0.4 m 4A0 1.35 0.3

79x-07

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 79-x-07

Fabric Orientation Diagram:

Project: DY

Location: VANCORDIA PLATEAU

Claims: DY-43

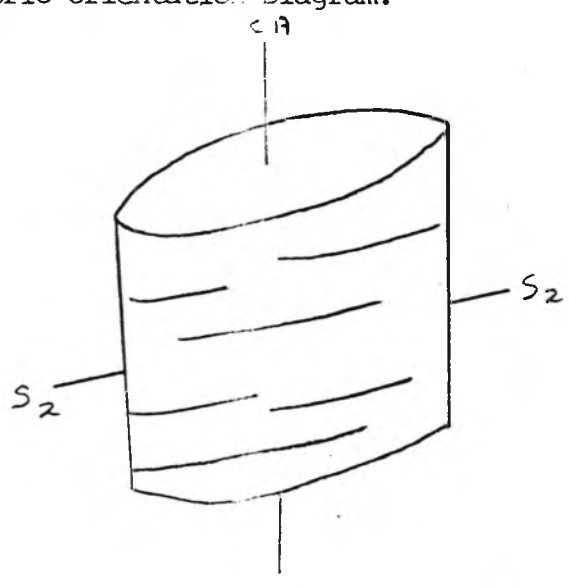
Terr. Plane Co-ords.: 6901190.78 N

597656.70 E

Grid Co-ords.: 18+60 E

40 N

Elevation: 1056.80



All symmetry determinations looking
NW with S2 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: <u>No</u>
<u>N0</u>	<u>31.1</u>	<u>697.5</u>		

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

Code	From	To	Unit	Code	Description
	10 14 16 20	22 23 25 27			
L	10100	13111	11	#	o/B
L	13111	15133	12	51C10	gouge zone 52.7-53.3
L	15133	15164	13	51B16	silicified bx zone 55.0-55.4 (both present ^{py > po})
L	15164	15193	14	51D16	minor po. no py noted
L	15193	16155	15	51D13	no sulfides in upper massive part lower phyllitic part has pyrite
L	16155	16182	16	51B16	bx zone angular clasts 66.4-66.7 ^{minor pyrite}
L	16182	17144	17	51B10	pyrite & pyrrhotite
L	17144	17167	18	51D13	pyrite - very minor amounts
L	17167	17174	19	51B10	pyrite & pyrrhotite - about equal amounts - minor constituent
L	17174	18100	110	51D13	pyrite
L	18100	18104	111	51B16	pyrite
L	18104	18135	112	51D13	gouge zone 83.2-83.5
L	18135	18147	113	51B10	pyrite
L	18147	19122	114	51D13	pyrite
L	19122	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 siliceous. 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 some coarse shadings. Some pyrrhotite also
					present.
L	121946	131012	213	51B17	5B73. Greenish phyllitic. Lower part of section
					more graphitic - dark gray color. Pyrite

Lithologic Log

Code	From	To	Unit	Code	Description
	10 14 16	20 22 23 25 2			
L	131029	131106	214	51D1	Massive with discontinuous calcite stringers - to well laminated bluish phyllitic intervals Contains quartz-carbonate veins (with chlorite) Pyrite grains
L	131106	131146	215	51B1	Both pyrrhotite & pyrite present Pyrrhotite dominant
L	131146	131178	216	51B1	py present
L	131178	131203	217	51D1	
L	131203	131213	218	51B1	py present
L	131213	131218	219	51D1	
L	131218	131219	219	51D1	SDS3
L	131219	131219	219	51B1	py > po
L	131315	131318	312	51B1	SB73 po > py
L	131318	131318	313	51B1	
L	131410	131410	314	4161	slightly pyrrhotitic
L	131412	131412	315	51B1	SB73 po present, no py
					Pale cream to buff green phyllitic. Some short intervals of micaceous SD. Small vein of calcite with pyrrhotite at 350.5
L	131517	131517	316	01D1	J023 Marginal piece of Dixon Creek like Phenocryst of plagioclase and biotite.
L	131613	131619	317	01E1	Dixon Creek or Dixite
L	131619	131670	318	01E1	Altered unit #37. Very pale green color. Felts of altered talc. Minor carbonate along fractures heavily alterations restricted to zone around fractures
L	131717	131718	319	01E1	Same as Unit #37
L	131718	131812	410	01D1	0D23 Same as Unit #36
L	131812	131812	411	51B1	SB73 Generally dark olive-green phyllite. Carbonate bands common. Some intervals should be considered scuzzy SD3 Pyrrhotite, no pyrite
L	131910	141023	412	51D1	Massive olive-green to well-laminated green & white (gray) Contains both quartz & pyrrhotite Gray bands are carbonate
L	141012	141041	413	51D1	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 SD.

Code	From	To	Unit	Code	Description
I	10 14	16 20	22 23	25 27	
L	141041	141093	414	51D13	Generally laminated chloritic phyllite with carbonate (gray) interbeds. Marcasite (?) vein-stringer at 404.7 Lower part contains thin interbeds of graphitic phyllite (starting at 408.2)
L	141093	141111	415	51B10	Gray phyllite with well-developed conulation cleavage Pyrochloite - no pyrite
L	141111	141124	416	51B17	5B73 Dark green phyllite
L	141124	141192	417	51D13	Commonly pale olive green massive to laminated locally darker green. Scattered interbeds of carbonaceous phyllite (dark gray) Quartz veins commonly contain green chlorite
L	141192	141214	418	51B10	Gray to dark green phyllite Abundant fine cross-cutting carbonate veins larger quartz veins also present Rock extensively fractured
L	141214	141250	419	51D13	Light olive green phyllite Well-developed SA cleavage visible Contains light gray carbonate bands
L	141250	141310	420	51B10	Dark gray to dark green phyllite Minor gray carbonate laminae Quartz veins present Anhydrous to subhedral pyrochloite. D ₂ veins contain carbonate-chlorite
L	141310	141312	421	51B17	5B73 Dark olive green Carbonate laminae common Upper contains bands of SD Upper interval heavily fractured - carbonate & Qtz filling features
L	141312	141315	422	51B10	Micaceous 5B7 bands Could be considered 5B2
L	141315	141411	423	51B17	5B73 Greenish-gray phyllite Transitional between 5B and 5D Contains distinctive gray-clearish carbonate stringer-bands. Subhedral to anhedral pyrochloite
L	141411	141519	424	51D13	Laminated SD with short intervals of massive SD Much of section could be considered 5B7 - the traditional gray zone. Conulation cleavage well developed with carbonate & mica microlithons Scattered carbonate-chlorite veins up to 0.4 m thick
L	141519	141513	425	51B12	Anhydrous pyrochloite - often near Qtz veins Conulation cleavage texture common Pyrochloite often forms elongate stringers in D ₂ foliation

Code	From		To		Unit		Code	Description
	10	14	16	20	22	23		
L	1491	5	1491	4	516	51013		Massive pale olive green. Thin calcite laminae
L	1492	5	1492	5	517	51812		Stringer pyrrhotite in D2 foliation. Laminated with carbonate-rich micaceous bands
L	1493	5	15016	9	518	51A10		Subhedral to stringer-type pyrrhotite. Minor qtz veins. Lillington structures. Variably laminated with carbonate-rich bands. Thin fault gouge zone at 503.9
L	1501	9	15017	8	519	51D13		SD33 - Micaceous, chloritic phyllite. Veins of clearish-white calcite. Thin bands of SA intermixed
L	1501	3	15111	3	610	51A10		Variably laminated. Dark gray black. Stringer pyrrhotite elongate in D2
L	1511	8	15112	8	611	51D13		SD33. Micaceous. Abundant stringer-bands of coarsely-crystalline whitish-clear carbonate. Anhedral pyrrhotite
L	1511	2	15114	1	612	51A19		Minor
L	1511	2	15113	2	613	4A10		Abundant band pyrrhotite SA9 to LA0
L	1511	5	15115	5	614	51D13		
L	1511	5	15116	8	615	51A10		Zoned
L	1511	2	15117	2	616	51D13		Thin
L	1511	7	15117	7	617	51A10		
L	1511	8	15118	8	618	51A19		-SD93 Pyrrhotite bands 511.9 - 518.2
L	1511	0	15119	0	619	4A10		Thin [imp?]
L	1511	2	15210	2	710	51D13		
L	1511	4	15210	4	711	51A19		py -
L	1521	9	15211	9	712	51D13		
L	1521	5	15213	5	713	51A10	/9 bonding 523.1 - 523.5
L	1521	5	15214	4	714	51D13		
L	1521	1	15216	1	715	51A17		[Minor SD3] inter-bands. minor
L	1521	5	15216	5	716	51D13		
L	1521	2	15217	2	717	51A10		
L	1521	6	15217	6	718	01010		
L	1521	5	15219	5	719	51A10		
L	1521	5	15310	4	810	51D19		-SD93 pyrrhotite bonding (possible 4667)
L	1531	4	15311	6	811	51A10		10 cm LA0 / 530.6
L	1531	6	15315	0	812	51D13		
L	1531	0	15318	9	813	51B12		
L	1531	4	15319	6	814	4L17		

Lithologic Log

Code	From	To	Unit	Code	Description
1	10 14 16	20 22 23 25 27			
L	15139 6	15141 2	815	S1B16	
L	15141 2	15141 5	816	S1D13	
L	15141 6	15142 9	817	S1B16	
L	15142 9	15144 0	818	S1B12	
L	15144 0	15145 0	819	41A14	alternating bands sph + py
L	15145 0	15148 3	910	41A10	gouge zone 545.9 - 547.3
L	15148 3	15149 2	911	S1B12	
L	15149 2	15153 3	912	S1B10	
L	15153 3	15156 5	913	S1B17	-SB73
L	15156 5	15158 0	914	S1D13	
L	15158 0	15160 1	915	S1B17	-SB72
L	15160 1	15162 0	916	S1A10	✓
L	15162 0	15166 4	917	S1A13	✓
L	15166 4	15171 8	918	S1A19	✓
L	15171 8	15173 5	919	S1A13	✓
L	15173 5	15174 0	010	41K11	caco ₃ not ankerite Hanging wall has a cherty appearance, recrystallized sph-ga.
L	15174 0	15174 3	011	41A10	-
L	15174 3	15176 9	012	41G10	caco ₃ band 576.2 - 576.3
L	15176 9	15177 1	013	S1D10	
L	15177 1	15178 0	014	41G10	
L	15178 0	15178 5	015	41E10	
L	15178 5	15180 0	016	41D14	
L	15180 0	15180 4	017	S1D13	- minor diss py
L	15180 4	15181 8	018	41D14	
L	15181 8	15183 8	019	41D14	- minor clots of ankerite
L	15183 8	15186 9	110	41A11	-4A14
L	15186 9	15189 0	111	S1A10	- gouge zone 586.7 - 589.4
L	15189 0	15191 0	112	S1D11	
L	15191 0	15191 9	113	41L10	minor po, gouge zone: 590.7 - 590.9
L	15191 9	15195 4	114	S1B16	
L	15195 4	15195 9	115	S1D13	po present
L	15195 9	15197 9	116	S1B17	-SB73 po minor
L	15197 9	16100 3	117	S1A3	5986 - 5988 4L with pyrrhoite stringer
L	16100 3	16101 2	118	S1B17	-SB73 minor po
L	16101 2	16101 6	119	S1D13	"
L	16101 6	16101 9	210	S1B17	-SB73 "

Core No.	From		To		Unit	Code	Description
	10	14	16	20			
L	161012	3	161013	7	211	S1D10	miner pe
L	161013	3	161015	5	212	S1B16	"
L	161015	5	161016	1	213	S1D13	"
L	161016	1	161017	3	214	S1B17	"
L	161017	3	161019	4	215	S1D13	"
L	161019	4	161010	5	216	S1B17	- SB73 miner pe
L	161105	1	161111	1	217	S1D13	
L	161111	1	161112	2	218	S1B17	- SB73
L	161112	2	161113	7	219	S1D13	
L	161113	7	161114	7	210	S1B17	- SB73
L	161114	7	161115	1	311	S1D13	
L	161115	1	161114	0	312	S1D15	- SDS3 transitional from #131
L	161314	0	161315	1	313	S1B12	- SB23
L	161315	1	161315	9	314	S1D15	- SDS3
L	161315	9	161318	0	315	S1B16	
L	161318	0	161319	4	316	S1B17	- SB73
L	161319	4	161319	10	317	S1B16	
L	161411	0	161414	6	318	S1B16	
L	161414	6	161418	0	319	S1B16	small sph band 546.0
L	161418	0	161510	0	410	S1B16	miner pe, no py found
L	161510	0	161516	0	411	S1B16	miner pe
L	161516	0	161516	3	412	S1A14	miner quartz clasts
L	161516	3	161516	8	413	S1D13	appears brecciated.
L	161516	8	161517	2	414	S1A14	miner quartz clasts
L	161517	2	161517	2	415	31G10	only pe found, no py
L	161517	2	161517	9	416	31G10	gauge zone
L	161517	9	161518	19	417	31G10	
L	161518	19	161519	2	418	31G10	gauge zone
L	161519	2	161519	15	419	31G10	only pe found, no py
L	161519	15	161519	15	510	31G10	gauge zone
L	161519	15	161519	15	511	31G10	
	111		111		111		END OF HOLE
	111		111		111		
	111		111		111		
	111		111		111		
	111		111		111		

Code	From			To			Feature	SYM	Dip	Direct.	S ₂			Description
	10	14	16	22	24	26					28	32	34	
S				31										OIB
				51										SCO metabasite, no structure
S				52			CIS12					710	11815	
S				53			IF12	3						Z sym 53.3 - 57.4
S				54			CIS12					810	11815	
S				61			IF12	E						S sym 57.4 - 63.4
S				62			CIS12					515	11815	
S				63			IF12	3						Z sym 63.4 - 68.3
S				71			IF12	E				619	11815	S sym 68.3 - 71.3
S				72			IF12	3						Z sym 71.3 - 72.1
S				73			IF12	E						S sym 72.1 - 73.5
S				74			IF12	3						Z sym 73.5 - 75.6
S				75			CIS12					715	11815	
S				76			IF12	E						S sym 75.6 - 79.2
S				81			IF12	3						Z sym 79.2 - 81.2
S				82			CIS12					817	11815	
S				83			CIS12					816	11815	
S				91			IF12	E						S sym 81.2 - 92.5
S				92			IF12	3						Z sym 92.5 - 94.3
S				93			CIS12					719	11815	
S				101			IF12	E				716	11815	S sym 94.3 - 102.5
S				102			IF12	3						Z sym 102.5 - 104.7
S				103			IF12	E						S sym 104.7 - 105.8
S				104			IF12	3						Z sym 105.8 - 107.7
S				105			CIS12					812	11815	
S				111			IF12	E						S sym 107.7 - 112.3
S				112			CIS12					810	11815	
S				121			CIS12					810	11815	
S				122			IF12	3						Z sym 112.3 - 121.2
S				123			IF12	E						S sym 121.2 - 123.0
S				124			IF12	3						Z sym 123.0 - 124.4
S				131			CIS12					715	11815	
S				134			CIS12	S						Symmetry, D2 minor structures
S				137			CIS12	3						Z-symmetry, D2 minor structures
S				138			CIS12	S				713	11815	
S				141			CIS12	S				718	11815	

Core No.	From		To		Feature	E S	S ₁ Dip Direct.		S ₂ Dip Direct.		Description
	10	14	16	20			22	24	26	28	
S	1111		1147	8	CIS12	S			817	11815	Occasional S1 microolithons
S	1112	181	11510	8	CIS12	S					S-symmetry, D2 minor structures
S	11510	8	11513	0	CIS12	Z					Z-symmetry, D2 minor structures
S	1111		11513	6	PIS12				817	11815	Occasional S1 microolithons
S	1111		11519	7	PIS12				817	11815	
S	1111		11615	3	CIS12	S			810	11815	
S	11513	0	11617	6	CIS12	S					S-symmetry, D2 minor structures
S	1111		11619	1	PIS12				814	11815	
S	11617	6	11710	5	CIS12	Z					Z-symmetry D2 minor structures Only minor scattered microolithons
S	1111		11715	2	PIS12				616	11815	
S	1111		11810	4					711	11815	
S	11710	5	11810	4	CIS12	S					S-symmetry, D2 minor structures
S	1111		11811	2	CIS12				617	11815	
S	1111		11812	7	IF12	S					S sym 170.5 - 182.7
S	1111		11814	6	IF12	Z					Z sym 182.7 - 184.6
S	1111		11816	0	IF12	S					S sym 184.6 - 186.0
S	1111		11816	7	IF12	Z			619	11815	Z sym 186.0 - 186.7
S	1111		11913	2	IF12	S			719	11815	S sym 186.7 - 193.2
S	1111		11916	0	IF12	Z					Z sym 193.2 - 196.0
S	1111		12013	0	CIS12				715	11815	
S	1111		12019	1	CIS12				810	11815	
S	1111		12112	1	IF12	S					S sym 196.0 - 212.1
S	1111		12114	5	IF12	Z					Z sym 212.1 - 214.5
S	1111		12115	6	IF12	S			719	11815	S sym 214.5 - 215.6
S	1111		12116	9	IF12	Z					Z sym 215.6 - 216.9
S	1111		121210	0	IF12	S					S sym 216.9 - 220.0
S	1111		121211	8	CIS12				810	11815	
S	1111		121217	9	IF12	Z			712	11815	Z sym 220.0 - 227.9
	1111										post D2 features
S	1111		121312	0	IF12	S					S sym 227.9 - 232.0
S	1111		121314	0	IF12	Z			716	11815	Z sym 232.0 - 234.0
S	1111		121410	0	CIS12				810	11815	
S	1111		121416	2	CIS12				810	11815	
S	1111		121512	6	IF12	S			712	11815	S sym 234.0 - 252.6
S	1111		121514	5	IF12	Z					Z sym 252.6 - 254.5

Structural Log

Code	From	To	Feature	E S	S ₁		S ₂		Description			
					Dip	Direct.	Dip	Direct.				
				20	22	24	26	28	32	34	38	
S	10	21615	CIS12						815	11815		
S		216176	IF2	E					715	11815		S sym 254.5 - 267.6
S		217117	IF2	E								Z sym 267.6 - 271.7
S		217137	CIS12						715	11815		
S		217198	CIS12						715	11815		
S		218163	IF2	E					815	11815		S sym 271.7 - 286.3
S		218177	IF2	E								Z sym 286.3 - 287.7
S		219122	CIS12						815	11815		F4 minor structures
S		219131	CIS12						615	11815		F4 minor structures
S		219187	IF2	E								S sym 287.7 - 298.7
S		310112	IF2	E								Z sym 298.7 - 301.2
S		310143	CIS12						815	11815		
S		311103	CIS12						715	11815		
S		311164	CIS12						815	11815		
S		312120	CIS12						715	11815		
S		312129	IF2	E								S sym 301.2 - 322.9
S		312173	IF2	E					815	11815		Z sym 322.9 - 327.3
S		313134	CIS12						715	11815		
S		313150	IF2	E								S sym 327.3 - 335.0
S		313168	IF2	E								Z sym 335.0 - 336.8
S		313195	CIS12						815	11815		
S		314143	CIS12	S					815	11815		
S		315123	PIS12	S					615	11815		
S	131316	315176	CIS12	S								S-symmetry, D2 minor structures
		315176							615	11815		Contact between dike and phyllite
		318120							615	11815		Contact between dike and phyllite
												Contact sub 11 D2 (S2)
S		318128	PIS12						715	11815		
S		318171	PIS12						815	11815		
S		319134	PIS12	S					715	11815		Poorly developed S2 in SD
S		319188	PIS12	S					715	11815		
S	141012	141014										Extensive fracturing some breccia post-D
												lithology disturbed Probably F4?
S		1410147	PIS12						415	11815		
S		1410178	PIS12						615	11815		
S	141102	141119										large F4 kink bands present

Structural Log

Code	Frc	To	Feature	SYE	S ₁		S ₂		Description
					Dip	Direct	Dip	Direct	
1	10	14 16 20	22 24 26 28						
S	1	14 15 10						7 10 18 15	
S	1	14 15 14 5						7 10 18 15	
S	1	14 15 17 2						7 15 18 15	
S	1	14 15 15 8							
S	1	14 15 19 9						7 10 18 15	
S	1	14 19 10 1							
S	1	14 19 11 1							70° 05° NEAR SCENE S2 185
S	1	14 19 11 4						7 10 18 15	
S	1	14 19 13 1						7 10 18 15	Predominant S2 185
S	1	14 19 13 8							ONE READING ONLY.
S	1	14 19 15 7						8 15 18 15	
S	1	14 19 19 9						8 10 18 15	F3 Curved to base
S	1	15 01 17							Predominantly Z
S	1	15 01 18						8 10 18 15	
S	1	15 01 38						7 10 18 15	
S	1	15 01 44							
S	1	15 01 60						7 10 18 15	
S	1	15 01 70							
S	1	15 01 75						8 10 18 15	
S	1	15 10 0						7 10 18 15	
S	1	15 10 9							Predominantly S
S	1	15 11 3						8 15 18 15	F3 510.9 - 511.4
S	1	15 11 5							Predominantly Z
S	1	15 11 7						7 15 18 15	
S	1	15 21 7						8 15 18 15	
S	1	15 21 2							
S	1	15 21 4						8 15 18 15	Mixed S-Z mixed all.
S	1	15 30 5						8 15 18 15	
S	1	15 32 8							Pred. S.
S	1	15 33 6						7 10 18 15	
S	1	15 35 4						7 15 18 15	
S	1	15 38 9						8 10 18 15	538.9 - 541.5 F3 9 F5 m/c/f.
S	1	15 41 5							
S	1	15 44 3							Fetal nose.
S	1	15 47 0						7 10 18 15	

Code	From		To		Feature	S ₁ Dip Direct.	S ₂ Dip Direct.			Description		
	10	14	16	20			22	24	26		28	32
S			14110	8	P1S12				715		11815	
S			14116	9	C1S12 S				717		11815	
S	131212	0	14115	0	C1S12 S							S-symmetry, D2 minor structures
S	14115	0	14125	5	P1S12							No minor structures visible
S			14135	0	P1S12				613		11815	Poorly defined crenulation cleavage
S			14131	1	P1S12				615		11815	Crenulation cleavage
S	14131	8	14131	1	C1S12 S							S-symmetry, D2 minor structures
K			14131	5								kink folds - axes at low angle to core axis
S			14131	3	C1S12 E				710		11815	Well developed crenulation cleavage
S			14131	9								F4 - at low angle to core axis
S	14131	11	14131	7	C1S12 E							E-symmetry, D2 minor structures
S	14131	7	14142	5								lithology at low angle to core axis. Kink folds. Post-D2 folding (called F4)
S			14121	0	C1S12 Z				614		11815	Crenulation cleavage
S			14142	5	C1S12 E				717		11815	
S			14144	2	C1S12 S				617		11815	Crenulation cleavage
S			14148	3	C1S12 S				715		11815	Crenulation cleavage
S	14141	5	14141	2	C1S12 S							S-symmetry, D2 minor structures
S	14141	0	14151	0	P1S12							No minor structures visible
S			14151	0								F4 kink folds near quartz vein
S			14151	2	P1S12				810		11815	D2 fltn subparallel lithology
S			14161	0								Well developed kink folds (F4)
S			14151	6	C1S12 S				310		11815	Crenulation cleavage
S			14161	9	C1S12 E				714		11815	Crenulation cleavage
S	14161	9	14161	3	C1S12 E							E-symmetry, D2 minor structures
S	14161	5	14161	7								Post-D2 crenulation cleav, high angle to core axis; dips opposite to S2
S			14161	8	C1S12 S				715		11815	Crenulation cleavage
S			14171	8	C1S12 S				713		11815	Crenulation cleavage
S			14171	9	C1S12 S				814		11815	Crenulation cleavage
S	14161	5	14171	0	C1S12 S							S-symmetry, thin intervals with post-D2 crenulation cleavage at high angle to core axis. - dips opposite to S.

Code	From		To		Feature		F.S.	S ₁ Dip Direct		S ₂ Dip Direct		Description
	10	14	16	20	22	24		26	28	32	34	
			151510	4	C1S12		S					
			151510	6	C1S12					810	11815	
			151512	0	C1S12					710	11815	
			151513	8	C1S12		X					EVEN T S NIST ZPS 7/12 PROP.
			151517	2	C1S12					810	11815	
			151517	2	C1S12							VERY FEW READINGS NOT RECORDED
			151517	2	C1S12							
			151617	7	C1S12					715	11815	
			151617	5	C1S12					810	11815	F5 developed.
			151617	7	C1S12		Z					Don Z.
			151615	5	C1S12					715	11815	
			151617	3	C1S12		S			710	11815	
			151710	8	C1S12		Z			710	11815	
			151710	0	C1S12					710	11815	
			151712		C1S12					715	11815	
			151716	6	C1S12							GOOD S
			151911	2	C1S12					615	11815	
			151915	5	C1S12					710	11815	
			161013	3	C1S12					711	11815	
			161019	0	C1S12					613	11815	
			161115	1	C1S12					716	11815	
			161211	2	C1S12					712	11815	
			161217	2	C1S12					811	11815	
			161213	3	C1S12					718	11815	
			161319	4	C1S12					811	11815	
			161415	5	C1S12					716	11815	
			161511	6	C1S12					812	11815	
			161517	7	C1S12					614	11815	
			161613	8	C1S12					813	11815	
			161619	9	C1S12					718	11815	
			161716	0	C1S12					614	11815	
			171810	3	IFR		Z			812	11815	S sym 570.8 - 780.3
			171811	5	IFR		3					Z sym 780.3 - 781.3
			171815	2	C1S12					715	11815	
			171816	4	IFR		Z					S sym 781.3 - 786.4
			171912	8	C1S12					814	11815	

79X-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

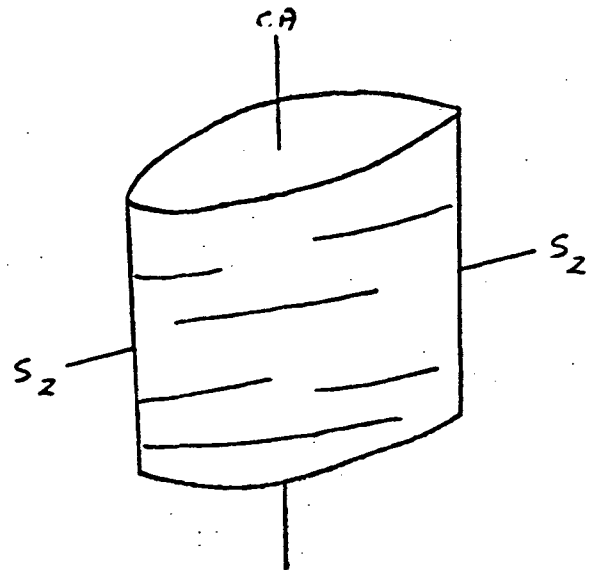
Logged by: B. V. Hall

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 S₂ dipping
SW with dip azimuth 185°.

CYRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 79-x-08

Fabric Orientation Diagram:

Project: DY

Location: VANGORDA PLATEAU

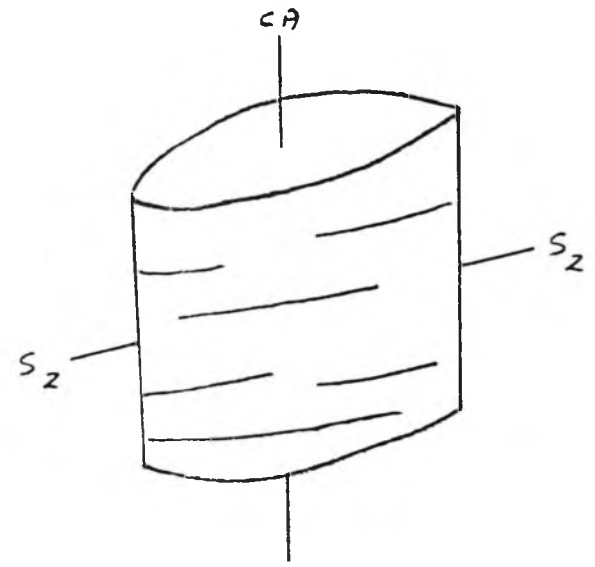
Claim: DY-45

Terr. Plane
Co-ords.: _____ N
_____ E

Grid
Co-ords.: L 13+50 E

75 N

Elevation: _____



All symmetry determinations looking
NW with S₂ 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:	Core:	Size	From	To	Collar Cased and Capped:
<u>ARCTIC</u>		<u>NQ</u>	<u>32.0</u>	<u>832.9</u>	<u>No</u>

Started: _____ Completed: July 15, 1979

Core	Frc	To		Unit	Code	Description		
		16	20				22	23
L	110	1113	2	11	#1	213		
L	1113	2	1510	0	12	51B10		
						gauge zones 17.8-18.0, 38.0-38.7 42.7-43.9, 46.0-46.4, 48.0-48.8		
						The Drillers thought this section changed.		
L	1150	0	1515	7	13	51D10		
L	1155	7	1518	2	14	51B16		
L	1155	8	1611	8	15	51D15		
L	1161	8	1616	2	16	51D13		
L	1166	2	1713	9	17	51K10		
L	1173	8	1811	9	18	51D13		
L	1181	9	1913	5	19	51K13		
L	1183	8	1813	5	110	51D13		
L	1188	5	1916	3	111	51K10		
						possibly pillow lavas amygdaloidal fractures (0.1cm) siliceous section 0.5cm then another amygdaloidal section, pattern is repeated every 50cm, fine bands of talc per #2		
L	1196	3	1918	1	112	51D13		
L	1198	1	1101	3	113	51D16		
L	1210	3	1132	1	114	51B16		
L	1113	2	1131	5	115	51B12		
L	1113	9	1141	6	116	51D13		
L	1145	9	1141	9	117	51B10		
L	1148	8	1151	6	118	51D10		
L	1150	5	1181	4	119	51B10		
L	1181	7	1181	3	210	51B16		
						gauge zones 181.6-181.8, 183.1-183.5, 184.1-184.3		
L	1188	9	1191	4	211	51B12		
L	1190	4	1191	1	212	51B16		
L	1191	6	1193	3	213	51B10		
L	1193	2	1191	5	214	51B16		
L	1195	3	1191	5	215	51D10		
L	1195	6	1210	4	216	51B16		
						associated 000 veins		
L	121	304	5	1210	19	7	217	51B10
L	121	309	7	1214	13	5	218	51B16

Core	From	To	Unit	Code	Description
	10	14 16	20 22 23	25 27	
L	121413	5 276.9	1 9 219	51415	gouge zone = 256.3 - 256.2, 256.7 - 267.6
	1 1 1	1 1 1	1 1 1	1 1 1	py 7 po
L	12711	9 285.3	1 2 310	51210	py 7 po
L	12815	2 323.5	1 3 311	51316	py 7 po
L	13215	5 326.4	1 3 312	51310	po mantling py
L	13215	0 328.8	1 3 312	51316	"
L	13218	8 371.4	1 4 314	51310	po 7 po. mantling py
L	13711	11 374.9	1 9 315	51316	
L	13714	9 379.9	1 9 316	51310	massive po found
L	13719	9 399.8	1 0 317	51316	po 7 py
L	13919	9 424.0	1 0 318	51310	gouge zone = 400.9 - 401.6
L	141214	0 431.1	1 1 319	51316	po 7 py
L	141311	1 443.5	1 5 320	51310	po 7 py
L	141413	5 445.0	1 0 321	51316	breccia zone 443.5 - 444.2 po 7 py
L	141415	0 451.3	1 4 322	51310	breccia zone 446.8
L	141513	6 454.3	1 3 323	51313	
L	141514	3 463.5	1 5 324	51310	
L	141613	5 464.3	1 2 325	51316	
L	141614	2 469.1	1 1 326	51316	Zone of broken core
L	141619	1 474.1	1 4 327	51310	
L	141714	1 474.9	1 9 328	51316	
L	141714	9 481.6	1 6 329	51312	- 51326 broken core zone
L	141811	6 486.2	1 2 330	51316	
L	141813	2 493.8	1 9 331	51316	→ borderline with 466, faintly altered
	1 1 1	1 1 1	1 1 1	1 1 1	rock, faint po
L	14913	8 498.3	1 3 332	512 51313	massive po band 493.4 - 493.5
L	14918	3 501.5	1 5 333	513 51315	- 51353
L	151011	5 505.7	1 7 334	4217	- 4275 minor bands of po up to 3cm wide
L	15105	7 508.2	1 2 335	4213	- 4237
L	151018	3 509.5	1 5 336	41010	minor mag occurring in bandaged bands
L	151019	5 510.3	1 3 337	41048	minor banded mag.
L	151110	3 510.6	1 6 338	41017	cherty appearance
L	151110	6 511.5	1 5 339	41113	- 42374 small bands of po - sph
	1 1 1	1 1 1	1 1 1	1 1 1	which increase in frequency toward
	1 1 1	1 1 1	1 1 1	1 1 1	the footwall.
L	151115	5 513.1	1 6 340	41118	minor blobs of spy

Lithologic Log

Code	F	To	Unit	Code	Description
L 10	14 16	20 23	25 27		
L 10	513 1	15115 2	611	41C10	minor blocks of cpy generally associated with the qtz clet.
L 10	513 1	15115 2	611	41C10	minor po
L 10	513 2	15117 9	612	41C17	minor diss cpy occupying tension gashes
L 10	513 9	15118 2	613	51D16	- 5D61 bands with silica
L 10	518 2	15118 9	614	41C17	40789 minor caco ₃ hosted in the matrix
L 10	518 9	15119 0	615	51D16	bands of mag minor diss cpy
L 10	518 9	15122 5	616	41D18	- sph-gal main associated with mag occurring in bands,
L 10	522 5	151218 5	617	41C18	- 7C84 minor bands of sph-gal-mag
L 10	528 5	151219 2	618	41L10	resembles SOC in appearance
L 10	529 3	151316 8	619	41C19	bands of sph-gal-mag, minor clets of sph-gal-mag (rounded) hosted in a pyritic matrix
L 10	536 8	151317 4	710	41E10	
L 10	537 4	151318 5	711	41C19	same as #87
L 10	538 6	151411 0	712	41C10	
L 10	541 0	151413 1	713	41C18	4079 caco ₃ in matrix minor bands of sph-gal and clets
L 10	543 1	151413 5	714	41C10	caco ₃ in matrix, associated with the quartz
L 10	543 5	151414 4	715	41K11	- 4K17
L 10	544 4	151414 8	716	41C17	caco ₃ in matrix
L 10	544 8	151415 6	717	41C18	caco ₃ in matrix
L 10	545 6	151417 2	718	41K10	
L 10	547 2	151510 4	719	41C10	caco ₃ in matrix
L 10	550 4	151510 7	810	41C18	
L 10	558 7	151511 3	811	41C18	
L 10	551 3	151512 0	812	41D18	
L 10	552 0	151514 6	812	41L17	- 4L74
L 10	554 0	151514 5	814	41L12	- 4L278
L 10	554 5	151515 5	815	41L17	
L 10	555 5	151518 0	816	51B16	appears faintly altered to 4L6
L 10	558 0	151616 7	817	41L17	
L 10	566 7	151617 1	818	41H10	
L 10	562 1	151617 4	819	41L17	
L 10	563 4	151618 1	810	41L11	- 4L17

Lithologic Log

From	To	Unit	Code	Description
151612 1	151619 3	911	41018	
151619 0	151619 3	912	41611	4217
151619 5	151712 0	910	41614	- 4C-18
151712 0	151712 0	911	41A14	
151712 8	151713 5	915	41A10	
151713 2	151713 5	916	41K11	
151713 5	151714 5	917	41E10	
151714 2	151714 5	918	41A10	
151714 5	151717 0	910	41C17	CaCO ₃ hosted in matrix
151717 7	151718 0	010	41A17	- 4A77
151718 3	151719 7	011	51A11	
151719 7	151811 0	012	41L17	
151811 9	151814 0	013	51B16	faintly altered to 426
151814 4	151815 0	014	41L16	- 4267
151815 2	151816 0	015	51B16	
151816 6	151818 0	016	41A10	
151818 3	151819 7	017	41L12	- 4227
151819 7	151819 7	018	41A10	
151819 1	151912 0	019	41C17	
151912 4	151912 0	110	41A10	
151912 9	151913 0	111	41L16	- 4267
151913 8	151914 0	112	41L17	
151914 4	151917 2	113	41L16	
151917 2	151917 5	114	41C10	
151917 5	151918 0	115	41K10	
151918 0	151919 0	116	41C10	minor band of 50 598.3, minor bands of
111	111	1	1	bag
151919 2	161010 0	117	41E10	minor gtz bands.
161010 2	161015 0	118	41L10	more pyrobititic toward the footwall.
161015 3	161016 0	119	41C17	
161016 2	161018 0	210	41L17	
161018 0	161110 0	211	41C17	- 4C74 minor graphitic bands (4A)
111	111	1	1	inter-banded.
161110 2	161110 0	212	41A10	
161110 8	161114 0	213	51B16	- 5B19 appears faintly altered to 4267
111	111	1	1	no inter-banded.

No	From		To		Unit	Code	Description
	10	14	16	20			
	10	14	16	20	22 23	25 27	
L	161114		161116	2	214	5A11	
L	161116	2	161118	2	215	4K17	-4C78
L	161118	2	161119	5	16	4L16	-4L65
L	161211		161213	3	217	4E18	+SB7 minor bands of SD6 620.7, 4A4 at hanging wall, SB7 at 621.0-621.2.
							toward the footwall py appears.
							minor bands, one band of BasO ₄
							in summary this rock is junk.
L	161213	4	161214	6	218	4C13	may appear to increase toward the footwall.
L	161214	6	161219	9	219	5B16	-may be faintly altered to 416
L	161219	9	161210	6	310	4L11	-4L12 → 4C0, interbedded at 2 & chl-mus py massive in places.
L	161310	6	161410	9	311	5D13	→ 5D3
L	161410	9	161412	5	312	5B17	-SB73
L	161412	5	161610	8	313	5B15	
L	161610	8	161712	0	314	5B12	-SB23
L	161712	0	161713	9	315	5B17	-SB73
L	161713	9	161715	2	316	5B12	-SB23
L	161715	2	161716	3	317	4A14	
L	161716	3	161719	1	318	4C10	
L	161719	1	161815	5	319	4A14	
L	161815	5	161819	1	410	4A10	
L	161819	1	161819	4	411	5D16	
L	161819	4	161912	9	412	4A10	
L	161912	9	161915	1	413	4L11	-4L17
L	161915	1	161916	6	414	4A10	
L	161916	6	161919	8	415	5B16	
L	161919	8	171011	0	416	4L11	-4L17
L	171011	0	171016	9	417	5B16	
L	171016	9	171019	2	418	4L10	
L	171019	2	171118	2	419	5B16	
L	171118	2	171212	8	510	5B10	bt present in bands ~ 0.2 cm wide.
L	171212	8	171216	2	511	5B16	
L	171216	2	171310	5	512	4L16	-4L67 bt present in bands
L	171310	5	171312	3	513	4L16	-4L65 bt present in bands.

Code	From	To	Code	Description
L	1712 14	1713 16	4146	-446
L	1713 15	1713 17	4147	
L	1713 18	1713 18	51817	
L	1713 19	1714 10	4147	
L	1714 11	1714 18	51817	po only
L	1714 19	1714 14	51013	
L	1714 16	1714 17	51817	
L	1714 17	1715 10	4147	
L	1715 10	1715 12	41914	
L	1715 14	1715 15	41917	
L	1715 17	1715 17	51010	
L	1715 17	1715 17	41910	rece. blues closely to minor graphitic bands
L	1715 18	1715 19	41010	- minor clasts of epoxy
L	1715 19	1716 11	51013	
L	1716 11	1716 11	4147	
L	1716 13	1716 14	4147	-447
L	1716 15	1716 15	4147	
L	1716 16	1716 17	51812	po only
L	1716 18	1716 15	51817	po only
L	1716 18	1716 18	51812	po only - SA + representative
L	1716 19	1716 17	4147	
L	1716 17	1719 10	31010	po only
L	1719 11	1719 12	31810	po only
L	1719 14	1719 13	4146	-446
L	1719 15	1719 12	4147	
L	1719 12	1810 12	31017	-3017
L	1810 11	1811 14	31810	
L	1811 14	1812 14	4147	
L	1812 14	1812 13	21810	
L	1812 13	1812 14	4140	
L	1812 11	1813 12	31810	po only
L	1813 13	1813 13	4140	
L	1813 12	1813 16	3610	bt END OF HOLE

Structural Log

Code	From		To		Feature			S ₁ Dip Direct.		S ₂ Dip Direct.		Description
	10	14	16	20	22	24	26	28	32	34	38	
S				1132								D1B
S				1140	C1S12					712	11815	
S				1210	7C1S12					814	11815	
S				1285	2C1S12					418	11815	F ₄ folding
S				1314	3C1S12					715	11815	F ₄ structures
S				1412	2C1S12					619	11815	
S				1419	6C1S12					615	11815	
S				1517	7C1S12					518	11815	Fault gouge zones
S				1611	8F1S	5				716	11815	S sym 13.2 - 61.8
S				1618	9F2	2						Z sym 61.8 - 64.9
S				1619	9C1S12					613	11815	
S				1714	0C1S12					513	11815	
S				1719	9F2	5						S sym 64.9 - 78.9
S				1810	7C1S12					711	11815	
S				1815	5F2	3						Z sym 78.9 - 83.5
S				1816	6C1S12					612	11815	
S				1912	7C1S12					615	11815	
S				1918	1C1S12					711	11815	
S				11014	8C1S12					510	11815	
S				11016	4F1S	5						S sym 83.5 - 106.4
S				11017	3F2	3						Z sym 106.4 - 107.3
S				11019	7C1S12					517	11815	
S				11114	6C1S12					710	11815	
S				11118	6F2	5						S sym 107.3 - 118.6
S				11210	7C1S12					718	11815	
S				11216	0F2	3						Z sym 118.6 - 126.0
S				11217	0C1S12					810	11815	F ₄ kink structures
S				11218	5F2	5						S sym 126.0 - 128.5
S				11314	7C1S12					511	11815	F ₄ kink structures
S				11410	1F2	3				711	11815	Z sym 128.5 - 140.1
S				11416	9C1S12					510	11815	F ₄ kink structures
S				11513	0C1S12					519	11815	
S				11610	3C1S12					811	11815	
S				11610	7F2	5						S sym 140.1 - 160.7
S				11615	2F2	3						Z sym 160.7 - 165.2
S				11617	4C1S12					615	11815	

Structural Log

Code	From	To	Feature	SYM	S ₁		S ₂		Description		
					Dip	Direct	Dip	Direct			
	10	16	20	22	24	26	28	32	34	38	
S		11619	4	IF12	Σ						S sym 165.2 - 172.4
S		11714	2	IF12				73	11815		
S		11810	9	IF12				71	11815		
S		11816	2	IF12	Σ			710	11815		Z sym 169.4 - 186.2
S		11912	2	IF12				81	11815		
S		11918	5	IF12				710	11815		
S		11919	6	IF12	Σ						S sym 186.2 - 199.6
S		12101	2	IF12	Z						Z sym 199.6 - 200.8
S		12104	5	IF12	S			610	11815		gouge zone 200.8 - 204.5
S		12109	2	IF12				616	11815		
S		12117	0	IF12				814	11815		F _s folds 213.1 - 224.7
S		12124	2	IF12				419	11815		
S		12214	2	IF12	Σ						S sym 204.5 - 226.2
S		12217	4	IF12	Z						Z sym 226.2 - 227.4
S		12310	4	IF12				517	11815		
S		12315	1	IF12				618	11815		
S		12410	8	IF12				617	11815		
S		12413	8	IF12	Σ						S sym 227.4 - 243.8
S		12417	7	IF12	Z			710	11815		Z sym 243.8 - 247.1
S		12514	5	IF12				610	11815		
S		12610	4	IF12				611	11815		
S		12617	6	IF12				714	11815		
S		12712	3	IF12	Σ			718	11815		S sym 247.1 - 272.3
S		12714	3	IF12	Z						Z sym 272.3 - 274.3
S		12719	2	IF12				615	11815		
S		12815	2	IF12				618	11815		
S		12819	6	IF12	Σ						S sym 274.3 - 288.6
S		12911	0	IF12	Z			718	11815		Z sym 288.6 - 291.0
S		12917	5	IF12				515	11815		
S		13012	6	IF12	Σ						S sym 291.0 - 302.6
S		13013	6	IF12				712	11815		
S		13015	9	IF12	Z						Z sym 302.6 - 305.9
S		13018	0	IF12				715	11815		
S		13110	0	IF12	Σ						S sym 305.9 - 310.0
S		13112	9	IF12	Z			617	11815		Z sym 310.0 - 312.9
S		13118	8	IF12				717	11815		

Code	From	To	Feature	S ₁ Dip Direct	S ₂ Dip Direct	Description				
							10	14	16	20
S	1312	106	F12	E		S sym 312.9 - 320.6				
S	1312	149	F12		810 / 11815					
S	1312	179	F12	3		Z sym 320.6 - 327.9				
S	1313	110	F12		615 / 11815					
S	1313	125	F12	E		S sym 327.9 - 332.5				
S	1313	171	F12		810 / 11815					
S	1314	108	F12	3		Z sym 332.5 - 340.8				
S	1314	124	F12	E	715 / 11815	S sym 340.8 - 342.4				
S	1314	177	F12	3	713 / 11815	Z sym 342.4 - 347.7				
S	1315	140	F12	E	714 / 11815	S sym 347.7 - 354.0				
S	1315	159	F12	3		Z sym 354.0 - 355.9				
S	1315	120	F12	E		S sym 355.9 - 358.0				
S	1316	115	F12		415 / 11815					
S	1316	175	F12	3	815 / 11815	Z sym 358.0 - 357.5				
S	1317	108	F12	E		S sym 367.5 - 370.8				
S	1317	120	F12		810 / 11815					
S	1317	177	F12		810 / 11815					
S	1318	126	F12	3		Z sym 370.8 - 382.6				
S	1318	158	F12	E	719 / 11815	S sym 382.6 - 395.8				
S	1319	108	F12	3	814 / 11815	Z sym 385.8 - 390.8				
S	1319	129	F12	E		S sym 390.8 - 393.9				
S	1319	150	F12	3	710 / 11815	Z sym 393.9 - 395.0				
S	1319	189	F12	E		S sym 395.0 - 398.9				
S	1319	199	F12	3		Z sym 398.9 - 399.9				
S	1410	109	F12		713 / 11815					
S	1410	157	F12		811 / 11815					
S	1411	118	F12		810 / 11815					
S	1411	126	F12	E		S sym 399.9 - 412.6				
S	1411	140	F12	3		Z sym 412.6 - 414.0				
S	1411	152	F12		615 / 11815					
S	1411	178	F12	E		S sym 414.0 - 418.8				
S	1412	114	F12		713 / 11815					
S	1412	167	F12		710 / 11815	Z sym 418.8 - 427.8				
S	1412	175	F12	E						
S	1412	128	F12		716 / 11815					
S	1413	118	F12		714 / 11815					

Structural Log

Age	From	To	Feature	SYE	S ₁		S ₂		Description
					Dip	Direct	Dip	Direct	
10	16	20	22	26	28	32	34		
C	141415	0	C151				716	11815	
C	141511	1	C151				618	11815	
C	141513	2	C151				719	11815	
C	141612	0	C151				716	11815	
C	141613	3	C151				516	11815	gouge zone
S	141712	2	C151	Σ			715	11815	S sym 427.8 - 473.2
C	141719	1	C151				419	11815	gouge zone
S	141811	6	C151	Σ			516	11815	Z sym 473.2 - 473.6
C	141817	0	C151				518	11815	
C	141913	4	C151				717	11815	
C	151012	2	C151				612	11815	
C	151015	5	C151				811	11815	
C	151119	8	C151				615	11815	
C	151114	8	C151				515	11815	
C	151119	8	C151				611	11815	
C	151216	3	C151				412	11815	
C	151311	2	C151				611	11815	
C	151317	3	C151				611	11815	
C	151412	4	C151				517	11815	
C	151417	4	C151				715	11815	
C	151513	2	C151				512	11815	
S	151514	7	C151	Σ					S sym 481.6 - 554.7
S	151517	7	C151	Σ			612	11815	Z sym 554.7 - 557.7
S	151610	9	C151	Σ					S sym 557.7 - 560.9
S	151611	9	C151	Σ					Z sym 560.9 - 561.9
S	151612	9	C151				810	11815	
S	151618	7	C151				416	11815	
S	151713	8	C151				617	11815	
S	151719	1	C151				415	11815	
S	151814	2	C151	Σ			713	11815	S sym 561.9 - 584.2
S	151819	2	C151				610	11815	Z sym 584.2 - 591.6
S	151911	6	C151	Σ					
S	151915	5	C151				710	11815	
S	151919	3	C151				716	11815	
S	151919	6	C151	Σ					S sym 591.6 - 599.6
S	160116	7	C151	Σ			710	11815	Z sym 599.6 - 606.7

Structural Log

Age	From		To		Feature	SYE	S ₁		S ₂		Description
	10	14	16	20			Dip	Direct.	Dip	Direct.	
S			16112	2	IF12	Z			71	11815	S sym 606.7 - 612.2
S			16115	0	IF12	Z					Z sym 612.2 - 615.0
S			16117	2	IF12				65	11815	
S			16121	3	IF12				70	11815	
S			16121	49	IF12	Z					S sym 615.0 - 624.9
S			16121	75	IF12	Z					Z sym 624.9 - 627.5
S			16121	89	IF12	Z			81	11815	S sym 627.5 - 628.9
S			16131	04	IF12	Z					Z sym 628.9 - 630.4
S			16131	25	IF12	Z			70	11815	S sym 630.4 - 632.5
S			16131	79	IF12	Z			73	11815	Z sym 632.5 - 637.9
S			16141	43	IF12				61	11815	
S			16151	07	IF12				53	11815	
S			16151	32	IF12				55	11815	
S			16161	23	IF12				70	11815	
S			16161	84	IF12				63	11815	
S			16171	45	IF12				57	11815	
S			16171	95	IF12	Z			70	11815	S sym 637.9 - 679.5
S			16181	39	IF12				64	11815	
S			16181	93	IF12	Z			70	11815	Z sym 679.5 - 689.5
S			16191	27	IF12				70	11815	
S			16191	84	IF12	Z					S sym 689.5 - 698.4
S			16191	98	IF12				66	11815	
S			17101	08	IF12						Z sym 698.4 - 700.8
S			17101	74	IF12				61	11815	
S			17111	27	IF12				70	11815	
S			17111	99	IF12				70	11815	
S			17121	32	IF12				67	11815	
S			17121	99	IF12	Z					S sym 700.8 - 729.9
S			17131	30	IF12				70	11815	
S			17131	51	IF12	Z					Z sym 729.9 - 735.1
S			17131	83	IF12	Z					S sym 735.1 - 736.8
S			17131	80	IF12	Z			71	11815	Z sym 736.8 - 738.0
S			17141	51	IF12				81	11815	
S			17141	76	IF12	Z					S sym 738.0 - 747.6
S			17141	93	IF12	Z			81	11815	Z sym 747.6 - 749.3
S			17151	34	IF12	Z					S sym 749.3 - 753.4

Geochemical Log (Sampler's Copy)

Core	From	To	Sample No.	Description
	10	14	16	27
P	151012	151012	6	1281517 2.1 4L75
P	151012	151015	5	1281518 2.1 4L75
P	151015	151017	0	1281519 1.5 4L37
P	151017	151018	2	1281610 1.2 4L37
P	151018	151019	5	1281611 1.3 400
P	151019	151106	6	1281612 1.1 400 + 407
P	151106	151110	5	1281613 0.9 4L37.4
P	151110	151113	7	1281614 1.6 408
P	151113	151115	2	1281615 2.1 400 2.0
P	151115	151116	8	1281616 1.4 407 1.4
P	151116	151117	9	1281617 1.3 407 1.1
P	151117	151118	0	1281618 0.3 506 .3
P	151118	151119	1	1281619 0.9 407 .9
P	151119	151120	0	1281700 1.0 506 .9
P	151120	151211	4	1281701 1.5 408 1.5
P	151211	151212	5	28072 1.1 408 1.1
P	151212	151214	5	1281703 2.0 408 2.0
P	151214	151215	6	1281704 2.0 400 2.0
P	151215	151219	5	1281705 2.0 400 2.0
P	151219	151220	6	1281706 0.5 400 .5
P	151220	151221	7	1281707 2.0 408 2.0
P	151221	151222	8	1281708 2.0 400 1.8
P	151222	151225	8	1281709 2.0 408 1.9
P	151225	151226	9	1281800 1.5 400 1.5
P	151226	151229	4	1281801 0.6 400 .6
P	151229	151230	5	1281802 1.2 400 1.2
P	151230	151232	7	1281803 1.3 400 1.3
P	151232	151239	5	1281804 1.6 400 1.6
P	151239	151413	5	1281805 2.0 400 1.5
P	151413	151414	4	1281806 0.9 4K17 .6
P	151414	151415	6	1281807 1.2 407 + 408 1.2
P	151415	151417	2	1281808 1.6 400 1.6
P	151417	151419	3	1281809 2.0 400 2.0
P	151419	151510	4	1281900 1.2 400 1.2
P	151510	151511	3	1281901 0.9 408 + 408 .9
P	151511	151520	0	1281902 0.7 408 .7

Core	From	To	Sample No.	Description	
	10	16	27	2516	
P	15120	15140	15140	2.0	4L74
P	15140	15155	15155	1.5	4L7 + 4L278
P	15130	15160	15160	2.0	4L7
P	15120	15130	15130	2.0	4L7
P	15120	15140	15140	2.0	4L7
P	15140	15160	15160	2.0	4L7
P	15160	15166	15166	0.7	4L7
P	15167	15167	15167	0.4	4H0
P	15171	15181	15181	1.0	4L7 + 4L17
P	15131	15149	15149	0.9	4D8
P	15131	15149	15149	0.5	4L127
P	15175	15172	15172	2.5	4G48
P	15120	15173	15173	1.2	4A4 + 4A0
P	15122	15174	15174	1.0	4K1 + 4E0
P	15122	15174	15174	2.0	4A0 + 4C7
P	15122	15177	15177	1.5	4C7
P	15127	15179	15179	2.0	SA79 + SA1
P	15127	15181	15181	2.2	4L7
P	15156	15182	15182	1.7	4A0
P	15153	15182	15182	0.4	4L27
P	15157	15182	15182	0.4	4A0
P	15121	15182	15182	2.3	4C7
P	15124	15182	15182	0.5	4A0
P	15127	15182	15182	1.9	4L67
P	15138	15182	15182	2.0	4L7 + 4L67
P	15158	15182	15182	1.4	4L67
P	15172	15182	15182	0.3	4C0
			15179	2.0	4L7
			15180	0.2	4C0
			15181	1.0	4E0
			15182	2.2	4L7
			15183	2.0	4L7
			15184	0.7	4C0
			15185	1.8	4L7

Geochemical Log (Sampler's Copy)

From	To	Sample No.	Description				
10	14	15	22	27	16420	2017	RECOVERY
P 151012	151013	6	12181517	2.1	4L75	2.9 m	0.9
P 151013	151015	5	1218158	2.1	4L75	3.8 m	1.9
P 151015	151017	0	1218159	1.5	4L37	1.35 m	1.3
P 151017	151018	2	1218160	1.2	4L37	1.2 m	1.2
P 151018	151019	5	1218161	1.3	4D0	1.3 m	
P 151019	151106	6	1218162	1.1	4C9 + 4D7	1.1 m	
P 151110	151111	5	1218163	0.9	4L374	1.2 m	6.9
P 151111	151113	7	1218164	1.6	4C8	1.6 m	1.6
P 151113	151115	2	1218165	2.1	4C0	2.0 m	
P 151115	151116	2	1218166	1.4	4C7	1.4 m	
P 151116	151117	9	1218167	1.3	4C7	1.1 m	
P 151117	151118	2	1218168	0.3	5D5	0.3 m	
P 151118	151119	2	1218169	0.9	4C700	0.9 m	
P 151119	151119	9	1218170	1.0	5D6	0.9 m	
P 151119	151211	4	1218171	1.5	4D8	1.5 m	
P 151211	151212	5	1218172	1.1	4D8	1.1 m	
P 151212	151214	5	1218173	2.0	4C8	2.0 m	
P 151214	151215	5	1218174	2.0	4C0	2.0 m	
P 151215	151216	5	1218175	2.0	4C8	2.0 m	
P 151216	151217	3	1218176	0.5	4C0	0.5 m	
P 151217	151217	2	1218177	2.0	4C0	2.0 m	
P 151217	151218	2	1218178	2.0	4C0	1.8 m	
P 151218	151219	2	1218179	2.0	4C8	1.9 m	
P 151219	151216	9	1218180	1.5	4C0	1.5 m	
P 151216	151217	4	1218181	0.6	4C0	0.6 m	
P 151217	151218	3	1218182	1.2	4C0	1.2 m	
P 151218	151219	2	1218183	1.3	4C0	1.3 m	
P 151219	151411	5	1218184	1.6	4C0	1.6 m	
P 151411	151412	5	1218185	2.0	4C0	1.5 m	
P 151413	151414	4	1218186	0.9	4K17	0.6 m	
P 151414	151415	6	1218187	1.2	4C7 + 4C8	1.2 m	
P 151415	151417	2	1218188	1.6	4K0	1.6 m	
P 151417	151417	2	1218189	2.0	4C0	2.0 m	
P 151419	151510	4	1218190	1.2	4C0	1.2 m	
P 151510	151511	3	1218191	0.9	4C8 + 4C8	0.9 m	
P 151511	151511	3	1218192	0.7	4D8	0.7 m	

From	To	Sample No.	Description
151512 0	151514 0	1/2 1219919 2.0	4L74 2.0
151514 0	151515 5	1/2 1219914 1.5	4L7 + 4L278 1.5
151518 0	151610 0	1/2 1219915 2.0	4L7 1.9
151610 0	151612 0	1/2 1219916 2.0	4L7 2.0
151612 0	151614 0	1/2 1219917 2.0	4L7 1.9
151614 0	151616 0	1/2 1219918 2.0	4L7 2.0
151616 0	151616 7	1/2 1219919 0.7	4L7 .7
151616 7	151617 1	1/2 1219100 0.4	4H0 .4
151617 1	151618 1	1/2 121951 1.0	4L7 + 4L17 1.0
151618 1	151619 0	1/2 121952 2.9	4D9 .9
151619 0	151619 5	1/2 121953 0.5	4L127 .5
151619 5	151712 0	1/2 121954 2.5	4G48 2.5
151712 0	151713 2	1/2 121955 1.2	4A74 + 4D0 1.2
151713 2	151714 2	1/2 121956 1.0	4K1 + 4E0 1.0
151714 2	151716 2	1/2 121957 2.0	4D0 + 4L7 2.0
151716 2	151717 2	1/2 121958 1.5	4C7 1.5
151717 2	151719 7	1/2 121959 2.0	5A79 + 5A1 2.0
151719 7	151811 9	1/2 121960 2.2	4L7 2.1
151813 6	151819 3	1/2 121961 1.7	4A0 1.7
151818 3	151819 7	1/2 121962 0.4	4L27 .4
151819 7	151819 1	1/2 121963 0.4	4A0 .4
151819 7	151812 4	1/2 121964 2.3	4C7 2.3
151812 4	151812 9	1/2 121965 0.5	4A0 .5
151812 9	151813 3	1/2 121966 1.9	4L67 1.0
151813 3	151815 9	1/2 121967 2.0	4L7 + 4L47 1.5
151815 8	151817 2	1/2 121968 1.4	4L67 1.3
151817 2	151817 6	1/2 121969 2.2	4C0 .9
151817 6	151818 5	1/2 121970 2.0	4K0 .5
151818 0	151818 2	1/2 121980 1.2	4C0 1.2
151818 2	151818 7	1/2 121981 1.0	4E0 1.0
151818 7	151812 3	1/2 121982 2.1	4L0 2.1
151812 3	151813 3	1/2 121983 3.0	4L0 2.0
151813 3	151816 7	1/2 121984 0.9	4C7 0.7

600
600
4L7

Case	From	To	Sample No.	Description	RECOVERY	
				LENGTH	UNIT	
F	161018 2	161102 2	✓ 121919 1	2.2	457	2.1
P	161110 2	161110 5	✓ 121919 7	0.6	490	.6
			✓ 111111			
F	161116 2	161117 2	✓ 151918 5	1.6	4678	1.5
F	161117 2	161118 2	✓ 151918 9	1.0	4678	1.0
P	161118 9	161210 5	✓ 151919 0	1.7	4665	1.7
P	161210 5	161212 0	✓ 151919 1	1.5	4587	1.5
P	161212 0	161213 2	✓ 171410 2	1.3	4587	1.0
P	161213 2	161214 6	✓ 171410 3	1.3	468	1.3
			✓ 111111			
F	161715 2	161718 2	✓ 121919 4	1.1	484	1.1
P	161718 2	161719 7	✓ 121919 5	1.4	460	1.2
P	161719 7	161721 1	✓ 121919 6	1.4	460	1.4
P	161721 1	161722 5	✓ 121919 7	1.4	484	1.3
P	161722 5	161723 5	✓ 121919 8	1.0	484	1.0
P	161723 5	161724 0	✓ 121919 9	2.0	480	2.0
P	161813 5	161815 5	✓ 130000	2.0	490	2.0
P	161815 5	161817 5	✓ 101710 1	2.0	480	2.0
P	161817 5	161819 1	✓ 101710 2	1.6	480	1.6
P	161819 1	161819 4	✓ 101710 3	0.3	506	.3
P	161819 4	161819 0	✓ 101710 4	1.6	480	1.5
P	161819 0	161819 9	✓ 101710 5	1.4	480	1.9
P	161819 9	161819 1	✓ 101710 6	2.2	4617	2.2
P	161819 1	161819 5	✓ 101710 7	1.5	480	1.5
			✓ 111111			
F	171510 0	171511 4	✓ 101617 9	1.4	484	1.4
P	171511 4	171512 4	✓ 101617 9	1.0	484	1.0
P	171512 4	171514 4	✓ 101617 10	2.0	487	2.1
P	171514 4	171515 7	✓ 101617 11	1.3	487	1.2
P	171515 7	171516 7	✓ 101617 12	1.0	500	1.0
P	171516 7	171517 3	✓ 101617 13	0.6	480	.6
P	171517 3	171519 0	✓ 101617 14	2.1	480	2.1
P	171519 0	171519 8	✓ 101617 15	0.8	467	.8
			✓ 111111			
			✓ 111111			

P	From		To		Sample No.	Description	
	10	14	18	22			
D	151012	151017	151017	151017	10181016	2.0	4A3 2.0 m
P	151014	151016	151016	151016	10181017	2.2	4A3 2.2 m
P	151016	151019	151019	151019	10181018	2.3	4A0 2.3 m
P	151019	151101	151101	151101	10181019	0.5	4A0 .4 m
P	151110	151110	151110	151110	1018110	0.5	4A8 .5 m
P	151110	151116	151116	151116	1018111	0.7	4A0 0.7 m
P	151116	151136	151136	151136	1018112	2.0	4A0 2.0 m
P	151136	151146	151146	151146	1018113	1.6	4A0 1.0 m
P	151146	151156	151156	151156	1018114	1.0	4C0 1.0 m
P	151156	151176	151176	151176	1018115	2.0	4A0 2.0 m
P	151176	151196	151196	151196	1018116	2.0	4A0 2.0 m
P	151196	151216	151216	151216	1018117	2.0	4A0 2.0 m
P	151216	151222	151222	151222	1018118	0.6	4A0 .5 m
P	151222	151236	151236	151236	1018119	1.4	4C0 1.3
P	151236	151250	151250	151250	1018120	1.4	4A0 1.4
P	151250	151256	151256	151256	1018121	0.6	4C0 .6
P	151256	151264	151264	151264	1018122	0.8	4A0 .8
P	151264	151276	151276	151276	1018123	1.2	4E0 1.1
P	151276	151288	151288	151288	1018124	1.2	4A0 1.1
P	151288	151300	151300	151300	1018125	1.2	4A1 1.2
P	151300	151312	151312	151312	1018126	1.2	4A1 1.1
P	151312	151325	151325	151325	1018127	1.3	4C0 1.3
P	151325	151341	151341	151341	1018128	1.6	4A0 1.6
P	151341	151359	151359	151359	1018129	1.8	4L627895 1.5
P	151359	151362	151362	151362	1018130	0.3	4A4 .5
	111	111	111	111	111111		
P	151810	151812	151812	151812	1118131	2.0	4A4 1.1
P	151812	151814	151814	151814	1118132	2.0	4A4 2.0
P	151814	151816	151816	151816	1118133	2.0	4A4 1.2
P	151816	151817	151817	151817	1118134	1.4	4A4 1.4
	111	111	111	111	1118135		no sample # R25
P	151912	151915	151915	151915	1118136	2.2	4A6 2.2
P	151915	151917	151917	151917	1118137	2.2	4L69 2.1
P	151917	151919	151919	151919	1118138	0.7	4A0 .5
P	151919	151918	151918	151918	1118139	0.2	5D3 .2
P	151918	151918	151918	151918	1118140	2.2	1.00 2.2

Geochemical Log (Sampler's Copy)

Logged By: M V K

Sampled By: M C N

Core	From		To		Sample No.		Description	
	10	14	16	20	22	27		
P	161010	3	161012	5	11 18141	2.2	4A0	2.2
P	161012	5	161014	5	11 181412	2.0	417	2.0
P	161014	5	161016	0	11 181413	1.5	467	1.5
P	161016	0	161017	7	11 181414	1.7	464	1.7
P	161017	7	161019	1	11 181415	1.4	4A0	1.4
P	161019	1	161019	9	11 181416	0.8	5D3	0.8
P	161019	9	161111	3	11 181417	1.4	4647	1.0
P	161111	3	161112	6	11 181418	1.2	4D1	1.2
P	161112	6	161114	2	11 181419	2.0	4614	1.9
P	161114	2	161116	6	11 18150	2.0	4614	2.0
P	161116	6	161118	3	11 17108	1.7	4614	1.5 1.5
P	161118	3	161210	3	11 17109	2.0	4D14	1.0
P	161210	3	161212	0	11 17110	1.7	4D14	1.5
P	161212	0	161212	7	11 17111	0.7	4D14	0.7
P	161212	7	161212	1	11 171112	0.4	5D3	0.5
P	161212	1	161212	1	11 171113	1.0	4614	0.9
P	161212	1	161215	1	11 171114	1.5	5D3	1.5
P	161215	1	161217	2	11 171115	1.6	4614	1.5
P	161217	2	161217	2	11 171116	0.6	464	0.6
P	161217	2	161219	7	11 171117	1.9	5D3 + 5A1	1.9
P	161219	7	161310	2	11 171118	0.5	46147	0.5
P	161310	2	161312	0	11 171119	1.8	4A7	1.4
P	161312	0	161314	0	11 171210	2.0	4B0	2.0
P	161314	0	161316	0	11 171211	2.0	4A0	1.7
P	161316	0	161316	8	11 171212	0.8	4A0	0.8
P	161316	8	161318	8	11 171213	2.0	4A4	2.0
P	161318	8	161410	1	11 171214	1.2	4A4	1.3
P	161410	1	161410	9	11 171215	0.8	4D0	0.8
P	161410	9	161412	9	11 171216	2.0	4D1	2.0
P	161412	9	161414	9	11 171217	2.0	4D1	2.0
P	161414	9	161416	9	11 171218	2.0	4D1	2.0
P	161416	9	161418	4	11 171219	1.5	4D1	1.5
P	161418	4	161419	2	11 171310	0.8	4C0	0.8
P	161419	2	16511	0	11 171311	1.8	4D0	1.8
P	16511	0	16513	0	11 171312	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

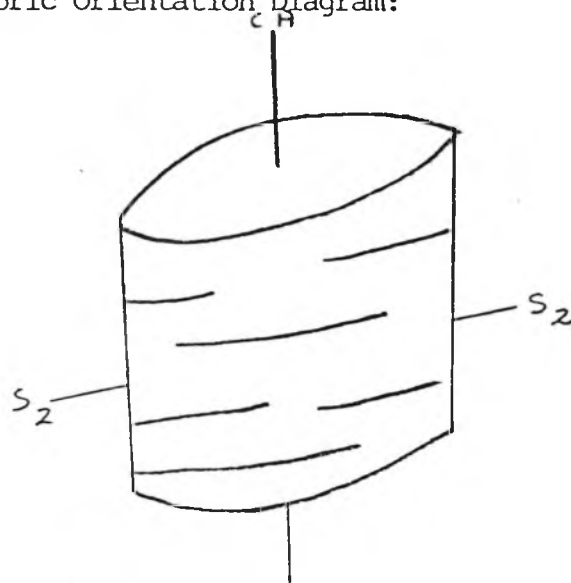
Terr. Plane Co-ords.: _____ N

_____ E

Grid Co-ords.: L 16+50E

75S

Elevation: _____



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: July 27, 1979

Drilling Contractor: FICTIC

Core: Size From To Collar Cased and Capped: No

NQ 27.7 795.4

Started: _____ Completed: July 27, 1979

Code	From	To	Unit	Code	Description
1	10 14 16	20 22 23 25 27			
L	11 12	12 17	11	#1	Unburden
L	11 12 13	15 14 14	12	51810	Variably laminated light gray shaly like Euhedral to subhedral pyrite - often with white pressure shadows (qtz + carbonate) Minor qtz-carbonate veining - very locally have coarse blank with veins
L	11 15 14	16 11 2	13	51816	Air flow qtz-carbonate-chlorite veining Py fine variably laminated - tends to be more massive (PS2) Euhedral pyrite; Fe-Mn carbonate
L	11 15 12	16 15 9	14	51810	Partly laminated - PS2 qtz-carbonate-chlorite veining Py
L	11 15 9	17 15 5	15	51816	Generally poorly laminated - PS2 Subhedral to euhedral pyrite No qtz veins
L	11 15 5	17 16 5	16	51810	Py Minor qtz veins Partly laminated
L	11 15 5	17 13 7	17	51816	Variably laminated Subhedral pyrite with white pressure shadows Qtz-carbonate-chlorite veins scattered through interval have broken with some pyrite 77.7 - 24.1 and 89.8 - 89.9; also carbonate
L	11 15 7	17 12 4	18	51810	Variably laminated Euhedral to subhedral pyrite - with white pressure shadows locally qtz-carbonate-chlorite veins
L	11 15 1	17 12 4 9	19	51810	Good F. Py no Po large contact ~ 35° + ca. 11 S
L	11 15 9	17 14 7 6	110	51810	Py > Po
L	11 15 7 6	17 14 9 6	111	51810	1000. Py only
L	11 15 7 6	17 15 5 0	112	51810	Mainly Py
L	11 15 7 0	17 15 5 2	113	51810	Good E - (relatively) bit S ₂
L	11 15 7 2	17 15 5 7	114	51810	Py > Po * just appearance of Py + Po
L	11 15 7 0	17 15 5 3	115	51810	Py only
L	12 10 10 3	12 10 3 6	117	51816	Py & Po Absent
L	12 10 15 6	12 10 6 3	117	51816	+ 000
L	12 10 16 3	12 11 6 4	118	51816	+ 000
L	12 10 16 4	12 11 7 6	119	51816	+ 000
L	12 10 17 6	12 12 10 1	120	51816	* Py only
L	12 10 24 1	12 22 4 3	121	51816	Good E
L	12 10 24 3	12 22 5 6	122	51816	Absence of Py & Po

Lithologic Log

Core No.	From		To		Unit	Code	Description
	10	14	16	20			
L	1212	158	1212	162	215	5B16	GOUGE Absence of Py & Po
L	1212	162	1212	167	215	5B16	} Py > Po
L	1212	167	1213	163	215	5B10	
L	1213	163	1214	112	215	5B16	} Absence of Py & Pyrr
L	1213	112	1214	130	215	5B16	
L	1214	130	1214	191	215	5B16	
L	1214	191	1216	170	215	OFI	7.4g per 100g of sample 24.7% 55°C contact
L	1216	170	1217	195	215	5B16	Py Only
L	1217	195	1218	132	215	5B16	→ 5B6 Po mainly Py; Py > Po
L	1218	132	1218	137	215	5B16	*BRECCIA
L	1218	137	1211	164	215	5B16	no reaction w/ 10% HCl Py > Po
L	1311	164	1311	195	215	5B16	→ 5B62 unit normal calc w/ 10% HCl multiple calc phases
L	1311	195	1321	103	215	5B16	→ 5B62 292-298 Absence of Py-Po no. 5B62
L	1321	103	1321	222	215	5B16	298-304 Py only
L	1321	222	1321	311	215	5B17	304-317.6 Absence of Py-Po
L	1321	311	1321	356	215	5D16	Non Calc 317.6-320 Po = Py
L	1321	356	1321	329	215	5D13	Po > Py
L	1321	329	1311	164	215	5B17	→ 5B73 No Py, No Po
L	1311	164	1314	154	41	5B17	→ 5B76 dolomitic, no react. w/ 5% HCl Py > Po - Pyrr no. 5B76
L	1314	154	1314	196	42	5B16	normal calc w/ 10% HCl Py > Po
L	1314	196	1350	143	43	5B16	→ 5B26 no reaction w/ 10% HCl Py > Po
L	1350	143	1355	133	44	5B16	weak reaction w/ 10% HCl NO PY, NO PO
L	1355	133	1355	197	45	5B12	→ 5B26 no reaction w/ 10% HCl NO PY, NO PO
L	1355	197	1356	167	46	5B12	→ 5B23 white, weak react w/ 5% HCl NO PY, NO PO
L	1356	167	1413	154	47	5B10	normal calc 5B Po & Py
L	1413	154	1416	112	48	5B17	→ 5B73 Py > Po
L	1416	112	1456	111	49	5B10	py member on, Py & Po
L	1456	111	1456	197	50	5B17	→ 5B73 Po only
L	1456	197	1459	155	51	5B10	Py & Po
L	1459	155	1463	152	52	5B16	dolomitic (reacts w/ 10% HCl) Py > Po
L	1463	152	1473	153	53	5B10	normal calc (5% HCl) Van. Fin. Po & Py
L	1473	153	1473	166	54	5B17	→ 5B73 Po only
L	1473	166	1491	112	55	5B10	Po mainly py Po >> Py
L	1491	112	1501	133	56	5B17	→ 5B73 po mainly py Po > Py
L	1501	133	1502	166	57	5B16	Non-dolomitic (no reaction w/ 10% HCl) Po only

Lithologic Log

Logged By: [Signature]

Code	From	To	Unit	Code	Description		
1	10	14	16	20	22 23	25 27	
L	5076	5068	7	4K3			
L	5068	5071	7	4K3			dolomite with calc. patches in
							massive dolomitic pyritic quartzites - not massive.
							pyritic sulfides; base metal deficient; c.f.
							W. interval of 4K8 5060-5064
L	5071	5104	10	4K3			calc. in the strata above unit but none
L	5104	5109	11	4K3			more massive, dolomitic magnetite-bearing
							pyritic strata
L	5109	5111	12	4K3			calc. pyritic strata as unit 60
L	5111	5113	13	4K3			→ 4K8 dolomitic c.f. unit 59
L	5113	5116	14	4K3			→ 4K3 calcite with strata as unit - c.f. 62
L	5116	5116	15	4K3			→ 4K3 non-calc. non-dolomitic
L	5116	5122	16	4K3			→ 4K3 non-calc. non-dolomitic content
L	5122	5123	17	4K3			massive 4K3 interbeds; base metal deficient
L	5123	5125	18	4K3			not strongly pyritic; some " sulfides
L	5125	5125	19	4K3			as unit 67
L	5125	5126	20	4K3			massive dolomite in one of patches; fizzes in
							10% HCl only when powdered
L	5126	5127	21	4K3			7% base-metal sulfides
L	5127	5128	22	4K3			massive dolomite in one of patches → fizzes as "70
L	5128	5131	23	4K3			with waxy crusty brown ankerite laminae 11
							to 50 - could easily be mistaken for Fe-ox
							ZnS but fizzes readily when powdered in 10% HCl
L	5131	5132	24	4K3			
L	5132	5134	25	4K3			of ankerite (?) laminae as unit 73
L	5134	5135	26	4K3			→ 4K3 77895; truly outside of code; but best
							is of the phyll. w/ less - probably massive - int-
							of fine py. w/ po-mag-cop & dol. carbonate
L	5135	5136	27	4K3			
L	5136	5136	28	5B3			dolomitic, fizzes in 10% HCl without being powdered
L	5136	5139	29	5B0			Fe only
L	5139	5140	30	5D3			"
L	5140	5141	31	5B0			"
L	5141	5142	32	5D3			"
L	5142	5141	33	5B3			→ 5B0; interbedded 5B0 & phyll. marks of
							Ungava Fm. Po 3 Py

Code	From	To	Unit	Code	Description
1	10 14 16	20 22 23 25 27			
	15716	15717	1	54 5D3	no py, no po
	15717	15718	7	515 5B1	→ 580 as unit 53, very limy no po, py
	15718	15719	2	314 5B6	delonitic
	15719	15720	5	517 5B1E	locally delonitic = carbonate pyrite only when soaked in 10% HCl no po
	15720	15721	2	518 5B1E	as unit 57 fault gouge; good contact = 450 ft good contact = 7' avg. horiz
	15721	15722	6	519 4A4	→ 4A0 po only
	15722	15723	3	520 5A10	po only
	15723	15724	0	521 4A0	
	15724	15725	2	522 4A6	→ 4L59 / 4C7
	15725	15726	9	523 4A0	
	15726	15727	1	524 5D3	
	15727	16015	5	525 4A0	
	15727	16016	9	526 4L7	
	16016	16017	7	527 4L1	- 4L14
	16017	16018	1	528 4A0	
	16018	16019	9	529 5D3	
	16019	16020	3	530 4L14	- 4L47
	16020	16021	6	531 4D1	very siliceous, closely resembles 4B4 or 4L14, resembles a banded chert.
	16021	16022	8	532 4L1	- 4L14 minor sericite bands present. (major difference from 4D1).
	16022	16023	3	533 4L1	- 4L14 zone of broken conc. minor gouge
	16023	16024	7	534 4D1	- 4D14 resembles #101, grade better
	16024	16025	1	535 5D3	
	16025	16026	1	536 4L1	- 4L14
	16026	16027	6	537 5D3	
	16027	16028	2	538 4L16	- minor po
	16028	16029	8	539 4L14	- less chl more po than #108
	16029	16030	0	540 5D3	appears to be an intimate association between the 4L & 5D3.
	16030	16031	7	541 5B1	
	16031	16032	2	542 4L1	- 4L147
	16032	16033	0	543 4A17	minor po, ~ 3-4% sph. no visible galena

Lithologic Log

Logged By: B.V.H.

Code	From		To		Unit		Code	Description
	10	14	16	20	22	23		
L	1613	1	1613	16	9	114	41A10	py dominant sulphide
L	1612	1	1614	10	1	115	41A14	
L	1614	1	1614	10	7	116	41D10	
L	1614	1	1614	18	4	117	41D11	- very siliceous variant of 40, ~ 70% quartz, could go under the name 434
	11		11			1	11	
	11		11			1	11	
L	1614	4	1614	19	2	118	41C10	
L	1614	2	1614	19	6	119	51D13	
L	1614	6	1615	1	0	210	41D10	
L	1615	0	1615	12	2	211	41C10	
L	1615	0	1615	13	5	212	41D10	
L	1615	5	1615	14	3	213	41A14	
L	1615	3	1615	16	1	214	41A10	
L	1615	1	1615	17	3	215	51B12	-SB21 po only
L	1615	3	1615	18	3	216	41A14	
L	1615	2	1616	11	0	217	51B16	po only
L	1616	0	1616	16	2	218	51D13	po only
L	1616	2	1617	11	7	219	51B17	po only
L	1617	1	1618	11	9	310	51B16	po only
L	1618	9	1618	12	8	311	51B17	po only
L	1618	8	1711	12	7	312	51B16	po only
L	1711	7	1711	16	8	313	51B16	- one of gouge and broken core.
L	1711	8	1712	12	2	314	51B16	po only
L	1712	2	1712	12	2	315	51B10	po only
L	1712	2	1712	15	0	316	51B12	po only
L	1712	0	1712	16	5	317	51A13	- brecciated could pass as SB2, po only
L	1712	5	1712	17	1	318	31C19	po only
L	1712	7	1712	19	0	319	31C10	po only
L	1712	0	1713	12	5	410	31B13	minor bt bands, po only
L	1712	5	1713	13	0	411	31C10	po only
L	1712	0	1713	14	4	412	31B13	po only
L	1712	4	1716	16	7	413	31C10	minor bt bands
L	1712	7	1716	18	4	414	31C12	po only
L	1712	4	1717	16	5	415	31C10	po only
L	1712	6	1718	17	6	416	31C13	
L	1712	6	1718	19	1	417	31B10	brecciated quartz clasts

Code	From		To		Feature	SYE	S ₁		S ₂		Description	
	10	14	16	20			Dip	Direct.	Dip	Direct.		
S	10	14	16	20	22	24	26	28	32	34	38	O/B no core
S				127	6							
S				127	6	S12				8.6	118.5	
S				132	5	S12				8.2	118.5	
S				138	7	S12				7.4	118.5	
S				41	-	F12	Z					S sym 27.6 - 41.4
S				144	8	S12				7.4	118.5	
S				150	9	S12				7.8	118.5	
S				151	9	F12	3					Z sym 41.4 - 51.8
S				154	2	F12	Z			7.1	118.5	S sym 51.8 - 54.2
S				158	7	F12	3					Z sym 54.2 - 58.7
S				161	0	S12				7.4	118.5	
S				165	5	S12				7.9	118.5	
S				169	2	S12				8.3	118.5	
S				175	3	S12				7.2	118.5	
S				180	0	F12	Z			8.1	118.5	S sym 58.7 - 80.0
S				185	5	F12	3			6.1	118.5	Z sym 80.0 - 85.5
S				188	7	F12	Z					S sym 85.5 - 88.7
S				190	2	S12				6.7	118.5	
S				196	6	S12				7.2	118.5	
S				110	12	S12				6.8	118.5	
S				110	14	F12	3					Z sym 88.7 - 104.9
S				110	18	S12				8.4	118.5	
S				111	10	F12	Z					S sym 104.9 - 110.9
S				111	13	F12	3			8.1	118.5	Z sym 110.9 - 113.8
S				111	17	S12				7.7	118.5	
S				112	12	F12	Z			8.5	118.5	S sym 113.8 - 122.5
S				112	15	S12				6.3	118.5	F _g limb 30° 015
S				113	10	F12	3			7.5	118.5	Z sym 122.5 - 130.6
S				113	16	S12				8.1	118.5	
S				114	12	S12				7.8	118.5	
S				114	15	S12				6.5	118.5	
S				115	5	F12	Z			7.4	118.5	S sym 130.6 - 155.1
S				115	7	F12	3					Z sym 155.1 - 157.4
S				115	9	S12				7.7	118.5	
S				116	6	S12				7.2	118.5	
S				117	1	S12				7.5	118.5	

Structural Log

Code	From		To		Feature	S ₁ Dip Direct.	S ₂ Dip Direct.		Description
	10	14 16	20	22 24 26			28	32 34	
G					G S12			75 185	
G					G S12			70 185	
G					G S12			83 185	
G					G S12			83 185	
G					G S12			73 185	
G					G S12			85 185	
G					F2 E				S sym 157.4 - 208.9
G					F2 E				Z sym 208.9 - 210.0
G					F2 E			51 185	S sym 210.0 - 215.8
G					F2 E			80 185	Z sym 212.8 - 218.4
G					F2 E				S sym 218.4 - 220.1
G					F2 E			76 185	Z sym 220.1 - 223.5
G					G S12			75 185	
G					G S12			81 185	
G					G S12			60 185	
G					F2 E			71 185	S sym 223.5 - 245.6
G					F2 E			79 185	Z sym 245.6 - 249.4
									Dike 249.4 - 267.0
G					G S12			72 185	
G					G S12			70 185	
G					G S12			80 185	
G					G S12			70 185	
G					F2 E			90 185	Z sym 267.0 - 291.7
G					F2 E				S sym 291.7 - 294.7
G					G S12			70 185	
G					G S12			69 185	
G					G S12			74 185	
G					G S12			75 185	
G					F2 E			89 185	
G									R 323.0 - 325.0
G					F2 E			75 185	Z sym 294.7 - 326.5
G					G S12			79 185	
G					F2 E				S sym 326.5 - 336.1
G					G S12			63 185	
G					F2 E			81 185	Z sym 336.1 - 346.1

Code	From	To	Feature	E S ₁	S ₁		S ₂		Description		
					Dip	Direct	Dip	Direct			
	10	16	20	22	24	26	28	32	34	38	
S		13481	C1S12						76	11815	
S		135142	C1S12						615	11815	
S		135171	F12	Σ					814	11815	S sym 346.1 - 357.1
S		135185	F12	3							Z sym 357.1 - 358.5
S		135190	F12	Σ							S sym 358.5 - 359.0
S		136110	C1S12						810	11815	
S		136170	F12	3					810	11815	Z sym 359.0 - 367.0
S		136189	F12	Σ							Garbage Zone 368.9 - 389.0 D.D. & Horiz CS2
S		137109	C1S12						613	11815	
S		137170	C1S12						817	11815	
S		13811	C1S12						715	11815	
S		138195	F12	Σ					811	11815	S sym 389.0 - 389.5
S		139102	F12	3							Z sym 389.5 - 390.2
S		139130	F12	Σ							S sym 390.2 - 393.0
S		139127	F12	3					812	11815	Z sym 393.0 - 393.7
S		140115	C1S12						712	11815	
S		140171	F12	Σ					715	11815	S sym 393.7 - 407.1
S		140186	F12	3							Z sym 407.1 - 408.6
S		141111	F12	Σ					815	11815	S sym 408.6 - 411.1
S		141113	C1S12						813	11815	
S		141198	C1S12						717	11815	
S		142118	F12	3					814	11815	Z sym 411.1 - 421.8
S		142161	C1S12	S					810	11815	426.1 - 442.5 horz zone
S		142119	C1S12	H					910	11815	
S		143190	C1S12	H					910	11815	
S		144125	F12	Z							
S		144141	F12	3					810	11815	Z sym 442.5 - 444.1
S		144183	F12	Σ					815	11815	S sym 444.1 - 448.8
S		145129	C1S12						716	11815	
S		146115	C1S12						715	11815	
S		146131	F12	3							Z sym 448.8 - 463.1
S		146150	F12	Σ					815	11815	S sym 463.1 - 465.0
S		146184	F12	3							Z sym 465.0 - 468.0
S		147103	C1S12						718	11815	
S		147124	F12	Σ					716	11815	

Core App	From		To		Feature	E S	S ₁ Dip Direct.		S ₂ Dip Direct.		Description
	10	14 15	20	22 24 26 28			32	34	36		
S			475.4		C/S 2				87	118.5	
			476.2		H						476.2 - 477.6 Horz zone
S			477.6		IF 2 S						
S			477.85		IF 2 E				810	118.5	S sym 477.6 - 478.5
S			480.3		IF 2 3						Z sym 478.5 - 480.3
S			481.52		IF 2 E				82	118.5	S sym 480.3 - 485.2
S			489.6		IF 2 E						Z sym 485.2 - 488.6
S			491.9		IF 2 E				84	118.5	S sym 488.6 - 489.9
S			495.3		C/S 2				75	118.5	
S			495.5		H						495.5 - 499.6 Horz zone
S			499.6		IF 2 Z						Z sym 499.6 - 501.0
S			501.0		P/S 2				77	118.5	
S			501.78		P/S 2				710	118.5	
S			511.1		P/S 2				810	118.5	
P			511.56		P/S 2 P				810	118.5	P s 2 501.0 - 515.6
S			519.0		IF 2 Z						Z sym 515.6 - 519.0
S			527.5		H						Horz Zone 527.5 - 529.0 - 527.5
S			527.5		IF 2 Z				810	118.5	Z sym 527.5 - 528.1
S			530.5		IF 2 E						S sym 528.1 - 530.5
S			532.0		IF 2 3				810	118.5	Z sym 530.5 - 532.0
S			534.3		IF 2 E						S sym 532.0 - 534.3
S			536.6		IF 2 3				814	118.5	Z sym 534.3 - 536.6
S			539.5		IF 2 E				810	118.5	S sym 536.6 - 539.5
S			542.0		IF 2 3						Z sym 539.5 - 542.0
S			543.5		IF 2 Z						S sym 542.0 - 543.5
S			544.5		IF 2 Z						Z sym 543.5 - 544.5
S			547.0		H				910	118.5	Horz zone 544.5 - 547.0
S			547.3		IF 2 3						Z sym 547.0 - 547.3
S			551.3		C/S 2				810	118.5	
S			5510.0		C/S 2				810	118.5	
S			5616.0		C/S 2				717	118.5	
S			5711.9		IF 2 E				85	118.5	S sym 547.3 - 571.9
S			572.1		IF 2 Z						Z sym 571.9 - 572.1
S			575.2		R/S 2 R				717	118.5	R zone 572.1 - 575.2
S			576.7		IF 2 S						S sym 575.2 - 576.7
S			579.8		R/S 2 R				712	118.5	

Code	From		To		Feature	E S ₁	S ₁		S ₂		Description
	10	14 16	20	22 24			Dip	Direct.	Dip	Direct.	
	26	28	32	34	38						
S			579.2	580.2	F12						S 79.2 - 580.2 gongse zone
S			587.2	587.2	C1S12			410	11815		
S			592.7	592.7	F12			719	11815		Z sym 580.2 - 592.7
S			596.2	596.2	F12			712	11815		S sym 592.7 - 596.2
S			597.8	597.8	F12						Z sym 596.2 - 597.8 12th v. exp.
S			597.8	597.8	F12	S		815	11815		S sym 597.8 - 597.8
S			601.5	601.5	F12						Z sym 597.8 - 601.5
S			602.6	602.6	F12						S sym 601.5 - 602.6
S			604.6	604.6	F12			717	11815		R zone 602.6 - 604.6
S			618.2	618.2	F12			514	11815		
S			619.2	619.2	C1S12			716	11815		
S			619.2	619.2	F12	3		715	11815		Z sym 619.2 - 619.2
S			629.0	629.0	C1S12			616	11815		
S			629.0	629.0	F12	2					S sym 618.2 - 629.0
S			629.0	629.0	C1S12			816	11815		
S			629.0	629.0	F12	3		516	11815		Z sym 629.0 - 636.4
S			636.4	636.4	C1S12			615	11815		
S			636.4	636.4	C1S12			516	11815		
S			636.4	636.4	C1S12			610	11815		
S			636.4	636.4	F12	5		815	11815		S sym 636.4 - 655.8
S			655.8	655.8	F12	3		5P	11815		Z sym 655.8 - 661.6
S			661.6	661.6	F12	2		812	11815		S sym 661.6 - 666.2
S			666.2	666.2	F12	3		814	11815		Z sym 666.2 - 670.4
S			670.4	670.4	F12	2					S sym 670.4 - 671.2
S			671.2	671.2	F12	3					Z sym 671.2 - 672.9
S			672.9	672.9	F12	2		613	11815		S sym 672.9 - 674.3
S			674.3	674.3	F12	3					Z sym 674.3 - 675.8
S			675.8	675.8	F12	2					S sym 675.8 - 677.5
S			677.5	677.5	F12	3		713	11815		Z sym 677.5 - 682.1
S			682.1	682.1	F12	2					S sym 682.1 - 682.7
S			682.7	682.7	C1S12			715	11815		
S			682.7	682.7	C1S12			810	11815		
S			682.7	682.7	F12	3		711	11815		
S			682.7	682.7	F12	2					
S			682.7	682.7	C1S12			713	11815		
S			699.6	699.6	F12	X		713	11815		MIXED ZONE 699.6 - 707.6

79 X-10

79 X - 11

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 79-X-11

Fabric Orientation Diagram:

Project: DY

Location: VANAGATA PLATFORM

Claim: DY-184

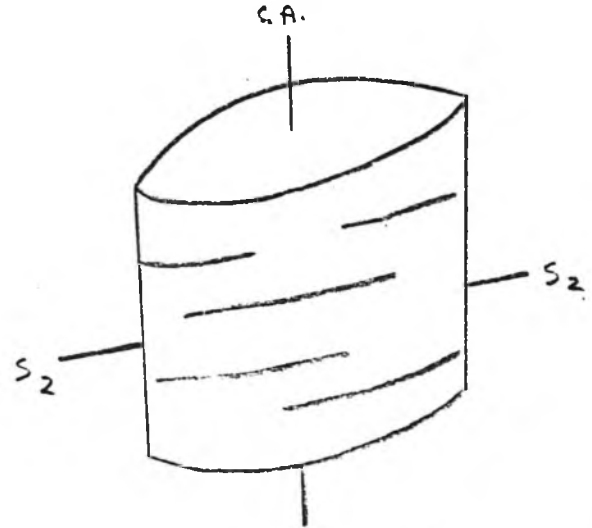
Terr. Plane Co-ords.: _____ N

_____ E

Grid Co-ords.: L 13+50

2255

Elevation: _____



All symmetry determinations looking

NW with S 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
<u>NW</u>	<u>16.1</u>	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Collar Cased and Capped: No

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

Litho	From		To		Unit	Code	Description
	10	14	16	20	22 23	25 27	
L	11000		11151		11	11	o/B
L	11161		12116		12	S1B16	py only spotty throughout to 203.0
L	12116		12174		13	S1B10	py only
L	12174		12194		14	S1B16	py only
L	12194		13181		15	S1B10	py only
L	13181		14121		16	S1B16	py only
L	14121		14167		17	S1B10	py only
L	14167		17135		18	S1B16	breccia zone 67.0 - 68.6 pre F ₂
L	17135		17146		19	S1D13	py only
L	17146		17153		110	S1B16	py only
L	17153		17166		111	S1D13	py only
L	17166		111114		112	S1B10	py only
L	111114		111118		113	S1D10	py only
L	111118		114160		114	S1B10	py only
L	114160		114163		115	S1D13	py only
L	114163		121616		116	S1B10	py only, to 256.0m pe mantling py to 272.3
L	121616		121723		117	S1B16	
L	121723		128169		118	S1B10	py >> po
L	128169		129103		119	S1B16	py only
L	129103		129142		210	01D12	OD29 Amph altered to montmorillonite mineral patches have been pervasively altered, minor disc py, py only
	111		111		1	11	
	111		111		1	11	
L	129142		129155		211	01D12	
L	129155		129167		212	01D12	OD29
L	129167		129184		213	01F10	
L	129184		132190		214	S1B10	py > po
L	132190		133139		215	S1B16	py only
L	133139		136195		216	S1B10	py = po po mantling py
L	136195		139126		217	S1B16	py = po
L	139126		140112		218	S1B16	pre F ₂ breccia zone, clasts flattened and rotated into the plane of F ₂ py > po
	111		111		1	11	
L	141012		141133		219	S1B16	py > po
L	141133		141174		310	S1B10	py only
L	141174		142112		311	S1B16	py only
L	142112		142152		312	S1B16	zone of gouge and broken core
L	142152		142194		313	S1B16	

Lithologic Log

L	From		To		Unit	Code	Description
	10	14	16	20	22 23	25 27	
L	14129	4	14129	3	314	51016	
L	1429	8	14310	2	315	51816	-SB62 minor breccia and gouge
L	14310	2	14317	0	316	51010	
L	14317	0	14317	1	317	51013	
L	14317	5	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 = po from 425.2 → 469.6
L	14618	6	14711	1	514	51013	heaped rock, small litters of graphitic material, small clots of carbonate which resemble amygdalites (??).
L	14711	1	14715	5	515	51013	heaped rock. Discontinuous light & dark green layers interbedded with gray layers. Siderite? Chalcocite are grayish dolomite chombs - amygdalite. Gray bands also contain dolomite.
L	14715	5	14716	6	516	51016	heaped rock. Gray layers contain dolomite. Part very poorly to HCl except when powdered.
L	14716	6	14717	3	517	51013	heaped rock grading into more massive light olive SD. Calcareous - reacts strongly to HCl.
L	14717	3	14719	3	518	51816	Pale gray
L	14719	3	14810	7	519	51016	SD64 Pale olive phyllite - very micaceous. Contains abundant bull eye veins. Lined sections of SD. Contains small lenses of bright green chlorite (?)

Code	From		To		Unit		Code	Description
	10	14	16	20	22	23		
L	14121	7	14131	4	610		51816	
L	14121	4	14131	7	611		51816	Fault gouge & breccia zone in 5B. Just below this zone see F4 like fractures & folds
L	14131	7	14191	2	616		51816	Variably laminated Bull ore veins. Only minor disseminated silicles - P ₂
L	14191	2	14191	3	617		51814	-846 Abundant bull ore. Etched light grey to white, laminated 5B. (see column 5B)
L	14191	3	15101	4	618		51816	Variably laminated. Disseminated P ₂
L	15101	4	15111	4	619		51810	P ₂ (minor P ₃)
L	15111	4	15111	7	710		51810	Gouge & breccia associated with F4 folding
L	15111	7	15121	8	711		51816	Laminated - white layers are light grey P ₂ & P ₃
L	15121	8	15121	9	712		51816	Gouge
L	15121	9	15121	10	713		51816	Laminated grey phyllite
L	15121	10	15121	11	714		51816	Gouge
L	15121	11	15121	12	715		51816	Abundant bull ore veins
L	15121	12	15121	13	716		51812	5326 Slightly darker grey laminated? phyllite. P ₃
L	15121	13	15121	14	717		51810	Laminated light & dark grey. White layers
L	15121	14	15131	7	718		51816	Laminated grey phyllite
L	15131	7	15131	8	719		51816	Breccia & gouge
L	15131	8	15131	9	810		51816	Pyroclastic disseminated
L	15131	9	15131	10	811		51810	F4 breccia - consolidated - at 533m P ₂ & P ₃
L	15131	10	15131	11	812		51810	Gouge
L	15131	11	15131	12	813		51810	Dark grey - may be considered 5B2 P ₃
L	15131	12	15131	13	814		51813	Pale, massive olive green with grey matrix
								interbeds. Minor amounts of 5B interbedded
								Both P ₃ and P ₂
L	15131	13	15131	14	815		51816	P ₂
L	15131	14	15131	15	816		51816	Gouge
L	15131	15	15141	5	817		51816	P ₃ and P ₂
L	15141	5	15141	6	818		51813	Light grey phyllite with discontinuous green chloritic laminae. Contains abundant pyrite-carbonate veins
L	15141	6	15141	7	819		51816	Laminated grey phyllite P ₃ and P ₂ light grey bands are slightly chloritic white
L	15141	7	15141	8	810		51813	Similar to # 8B. Grey with discontinuous green chlorite laminae. Grey is moderately indurated

Lithologic Log

Core	From		To		Unit		Code	Description
	10	14	16	20	22	23		
L	151416	2	151419	9	911		51B10	Grey laminated phyllite Both P _o and P _y
L	151419	9	151511	1	912		51D13	Grey marble with thin discontinuous chlorite laminae Stringer veins of white carbonate & white bull gtz
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 gtz and white calcite P _o
L	151613	7	151614	2	915		51D13	Similar to Unit # 92 lower portion of unit consists of coarse gtz-calcite veins P _o
L	151614	2	151712	3	916		51B10	Banded grey phyllite Mainly P _o (only minor P _y)
L	151712	3	151717	0	917		51B12	Dark grey banded phyllite P _o & P _y subhedral to euhedral grains P _y as small grains scattered in light grey bands Calcite forms stringers in fractures
L	151717	0	151916	3	918		51B10	Banded grey phyllite Calcite fills fractures Subhedral P _o grains
L	151916	3	161013	0	919		51B12	5B26 Dark grey, noncalcareous phyllite
L	161013	0	161013	3	010		51B12	5B26 Gouge
L	161013	3	161013	3	011		51B12	5B26 Dark grey noncalcareous phyllite
L	161013	3	161210	0	012		51B10	Banded grey phyllite Very calcareous Essentially consist of marble (light grey) interbedded with phyllite (darker grey) Calcite enters & fills fractures & form veins. Subhedral P _o
L	161210	0	161210	1	013		51B10	Gouge
L	161210	1	161414	4	014		51B10	Same as Unit # 103 Only very minor gtz 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 P _y and P _o present
L	161415	5	161513	3	016		51B10	Both P _y and P _o present Dominantly P _o as subhedral grains P _y occurs as tiny grains in lighter grey calcareous layers
L	161513	3	161514	5	017		41276	
L	161514	5	161515	3	018		51B10	
L	161515	3	161516	0	019		51B12	Dark grey to black phyllite Minor gtz veins
L	161516	0	161610	5	110		51D13	Massive to finely laminated pale green SD Very calcareous Veins are mainly carbonate with minor gtz

Lithologic Log

Code	From	To	Unit	Code	Description
1	10	14 16	20	22 23 25 27	
L	16165 5	16161 3	111	51816	Laminated grey to dark grey phyllite
L	16161 5	16161 5	112	41216	4127 Breccia and zone. Clasts include phyllite and pyrochlorite
L	16161 5	16161 4	113	41216	4127 Interlaminated green & grey phyllite. Abundant Qtz-carbonate veins with irregular stringer pyrochlorite. At 664.2M Qtz veins contain scattered sphalerite
L	16161 4	161710 6	114	41210	Grey calcareous phyllite. Contains thin chloritic laminae. Many microfractures are dark colored - thin. Most of them with an internal space and/or pyrochlorite. Qtz-carbonate veins (mostly white Qtz)
L	161710 6	161711 3	115	21210	White buff Qtz veins with irregular calcareous laminae + texture of 412 phyllite
L	161711 3	161714 9	116	41210	Similar to Unit # 114. Chlorite generally more abundant in matrix. Greenish Qtz. Pyrochlorite forms irregular stringers - stringers often have concentric green chlorite.
L	161714 9	161810 0	117	51816	Grey phyllite. Poorly laminated. In some intervals of calcareous SBO. Qtz-chlorite-py-carbonate veins. Py not noticed
L	161810 0	161816 5	118	41217 9	Grey to green phyllite. Contains abundant - py stringers - these are generally in S2. Chloritic layer from microfractures - in some of the py layers. Minor py present with py. Minor epy blebs noted. Calcite fills fractures. Section from 684.7 - 685.6M contains very minor sphalerite & galena with py
L	161816 5	161817 3	119	41212	4129 Similar to unit # 113. Py is major sulfide. From subhorizontal to subvertical veins concentrated in some layers and/or S2. Only very minor blebs of epy - these appear to be concentrated along small fractures
L	161817 3	161914 5	210	41217	White to green laminated phyllite. Similar to Unit # 113. Py as microfractures and some irregular stringers. Py is green chlorite associated with py stringers. Locally py is dominant sulfide. Minor galena and/or epy present

Lithologic Log

Code	From		To		Unit		Code	Description
	10	14	16	20	22	23		
L	161914	3	161914	6	21	41210		Grey to pale green phyllite No py present
L	161914	6	161915	2	212	41210		Gouge Contains large white bull gtz clasts
L	161915	2	161915	5	213	41212		Grey to green phyllite Lower contact with SR
								is gradational - core becomes darker green grey
L	161915	5	171011	6	214	5B16		Grey to dark grey phyllite Subhedral Po
L	171011	6	171111	4	215	41217		Off-white to green phyllite Po as irregular stringers
								also as layers (rough surface) parallel SZ (away from
								microlithons) Chlorite-gtz-carbonate veins associated
								with py stringers
L	171111	4	171112	9	216	41215		Grey phyllite with pale green chloritic laminae
								Calcareous
L	171112	9	171218	2	217	41212		White-grey to pale green phyllite Py > Po Py occurs
								as subhedral grains - concentrated in layers along SZ
								Minor gtz-carbonate veins Includes a brief
								interval of 5B6 Upper 0.3 m is calcareous - rest
								of section noncalcareous
L	171218	2	171310	4	218	41217		Grey phyllite with green chloritic laminae Also laminae
								& microlithons with mainly Po
L	171310	4	171315	3	219	5B16		Grey phyllite with greenish cat Subhedral Po grains
L	171315	3	171318	5	310	5B17		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	311	5B16		Bull gtz veins Subhedral Po
L	171411	0	171412	1	312	41213		Cream white phyllite Slippery feel Py along late
								fractures
L	171412	1	171412	6	313	41214		4649 Pyrite - no Po or Magnetite. Carbonate
								grains present Honey-colored galenite Minor
								cpy along fractures
L	171412	6	171413	3	314	41219		Minor cpy As blebs or filling fractures across
								plastic layers
	171413	3	171415	6	315	41216		46349 Green chloritic phyllite Abundant Py
								in vague layers Minor galenite noted
								gtz-carbonate veins common Minor cpy

Lithologic Log

No	From		To		Unit		Code		Description
	10	14	16	20	22	23	25	27	
L	171415	6	171417	7	316		41K19		Carbonate and qtz clasts in a pyrite matrix Clst elongate in S2. Minor sphalerite bands void. Coy 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 spy filling fractures in carbonate
L	171419	7	171510	9	318		41G14	4G489	Honey-colored sphaerite thin magnetite lyers. Minor spy filling fractures. Trace amt of suboxide. Contains some thin massive pyrite (4E) interbeds
L	171510	9	171511	5	319		41K18		Similar to lot # 37. No spy noted
L	171511	-	171513	0	410		41G14	4G48	Banded baritic and pyritic. Contains minor scattered suboxide. Light-colored sphaerite. Magnetite as layers & discontinuous lenses
L	171513	0	171514	0	411		41K18	4K89	lenses & pods of carbonate. Minor magnetite lyers. Coy as small blebs in carbonate fractures Contains thin bands of purplish sphaerite scattered through interval
L	171514	0	171515	4	412		41G14	4G483	Banded HG with pyrite-rich lyers Magnetite lyers present
L	171515	4	171517	2	413		41K18		Qtz + carbonate. Small sphaerite bands. Minor magnetite lyers
L	171517	2	171517	5	414		51D13		Good laminated SD
L	171517	5	171611	1	415		41K19	4K981	Qtz + carbonate. Magnetite as thin bands. Minor spy noted filling fractures. One thin interval of SD. Only very minor sphaerite.
L	171611	1	171612	1	416		41J14	4J48	Mainly sphaer-gal-magnet. Pyrite forms lace network pattern around other sulfides
L	171612	1	171612	7	417		41G14	4G48	Banded baritic with pyritic lyers. Dark colored
L	171612	7	171613	5	418		41D18	4D87	Fractured qtz clasts in sulfide matrix. Both magnetite & pyritic 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 4E/48

No	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	51D15			Green phyllite with interlaminated gneiss layers
L	171710	9	171717	4	513	51B16			Light gray phyllite Subtotal to stringer po
L	171717	4	171717	2	514	51B10			Small clusters of pyrite - No Ps
L	171717	2	171719	2	515	41A10			light gray phyllite Calcite < muscovite Py
									Carbonate fills fractures
L	171719	2	171719	9	516	41E19			Band of massive pyrite Veins discontinuous banding from various sorts of other minerals Minor spy
L	171719	9	171814	2	517	41G14			4643 Banded baritic contains abundant py Tubercled with dark massive pyrite 43-like Unit # 156 Scattered rounded gte clasts (vegen?) present in baritic horizons
L	171814	2	171819	2	518	41K14			6 Massive pyrite with carbonate & gte clast scattered Bands of sphal-galena or sphal-gal-barite interbedded with 4K These bands are up to 0.3M thick Some thin bands of phyllite-type
L	171819	2	171910	7	519	41G14			4643 Dark baritic material Disseminated sphal-gal-py
L	171910	7	171913	6	610	41E18			4E894 Maybe 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-substrate veins One interval has phyllite clasts - connect mostly tall orientation of flm
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 T irregular blocks of cpy - often filling like 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 blocks & stringers - often along like fractures
L	181014	3	181017	4	614	41A17			4A739 Granitic banded phyllite with abundant stringers of Po and/or Py Cpy in like filling fractures Only some fine sph & gal 50% - 30% 4k also 4A can't see any 52

Lithologic Log

Depth	From		To		Unit	Code	Description
	10	14	16	20	22 23	25 27	
L	18107		18113	8	615	4K11	4K1729 Pale grey shale with abundant bands of Py and/or Po. Bands have wavy banding. Abundant cpy in irregular blocks - often filling late brittle fractures.
L	18113	9	18115	5	616	51B16	Grey phyllite - not banded. Subparallel to stringers. Bimimetic Po. Carbonate - etc fills fractures & some veins. Also sphal - galena - cpy in veins & fractures.
L	18115	5	18115	8	617	51B16	Brief fault gouge zone.
L	18115	9	18116	8	618	51B16	
L	18116	9	18119	1	619	4K17	4K729 light grey to pale green phyllite. Bands of stringers of Po & Py. Cpy in irregular blocks.
L	18119	1	18119	8	710	41E10	Massive sulfides with thin carbonate veins. Pyrite clasts totally sugared in slightly irregular brown sulfide matrix (non-magnetic).
L	18119	8	18124	1	711	51A16	Upper part contains zone of breccia. Very black phyllite. Fine-grained Po and/or Py.
L	18124	1	18127	1	712	51A10	Black carbonaceous phyllite. Py and/or Po.
	18127	1	18129	4	713	51A16	Dark phyllite. Laminated light & dark grey (black). Fine-grained Po.
L	18129	4	18130	9	714	41A10	Gradational transition to ribbon-banded. Py as abundant grains in light grey etc-rich layers.
L	18130	9	18132	0	715	51A19	Dark black carbonaceous phyllite. Short interval at top consists of phyllite clast in a consolidated breccia. Elbow in clast is randomly oriented. Mainly stringer Po. Only minor disseminated Py.
L	18132	0	18134	5	716	41A10	Gradual transition to ribbon-banded. Not generally as fine-grained as Unit #174. Mainly Py - minor Po. Contains thin visible band of 834.1M.
L	18134	5	18135	0	717	4K14	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 etc vein.
L	18135	0	18144	0	718	4K16	4K679 Moderate to light green phyllite. Abundant Po - both as filled bands and as irregular stringers. Cpy as stringers & blocks. Calcite fills fractures.

No.	From		To		Unit		Code		Description
	10	14	16	20	22	23	25	27	
L	181414	3	181414	3	719	41A16			Thin breccia zone in 4L6. Angular clasts of Po in gtz matrix. Possibly small breccia associated with Po-gtz vein in 4L6 sequence
L	181414	3	181510	0	810	41A16			4L679 Same as Unit # 173. Thin breccia zone at 847.4M - gtz clast 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-cpy - an cpy:po as stringers
L	181510	3	181614	5	811	51D13			Dominant rock type is calcareous leucoid rock - white. Dark green lyses with dark green inclusions. Occasional biotite spots appearance with small scale banding of calcareous lyses. Minor interbeds of green phyllite - 4L67. Contains some bands & stringers. Commonly with chlorite-gtz-po veins (Veins contain very coarse interstitial carbonate)
L	181614	5	181617	3	812	41A16			4L67 Dark green phyllite. Both irregular stringers Po and some regular Po bands. Qtz-chlorite-Po veins common
L	181617	3	181710	3	813	51D16			Partial light grey & dark green leucoid rock. Light grey lyses are soft - no reaction to 10% HCl. Also green leucoid & black gtz-carbonate vein (blanite)
L	181710	3	181715	2	814	41A16			4L679 Alternating green & gray banded phyllite. Abundant Po both as bands & irregular stringers. Minor white gtz veins with po stringers. Cpy as irregular blebs filling fractures. Section becomes lighter colored near bottom of interval - more like 4L7. Last 2.1M consists of massive Po
L	181715	2	181718	9	815	41A10			Fine-grained Py and/or Po. Minor cpy as stringers filling late tension gashes
L	181718	9	181810	2	816	41A14			Fine py and po with sphal. Very minor cpy blebs
L	181810	2	181815	2	817	41A11			4L1489 light grey gtz with bands of Py. Scattered sphal-magnetite. Cpy in minor units as irregular blebs locally gtz broken & slightly rotated with sulfides framing the matrix. Qtz locally grades into 4A4 (presumably less altered)

Code	From		To		Unit		Code		Description
	10	14	16	20	22	23	25	27	
									Two small intervals of breccia sulfides 4E46A + 880.4 - 881.1 M 884.9 - 885.2 M
									Part of breccia inside in this interval
L	181815	2	181912	2	818	51A19			Looks transitional toward 4E46 - not enough gte to be zone ribbon-banded Contains both P ₂ and P ₁ Minor cpy as irregular stringers & blebs laminated phyllite - noncalcareous Cpy associated with P ₂ P ₂ both as stringers & fine grains
L	181912	3	191013	4	819	41A17	417419		Pale grey phyllite with abundant P ₂ and P ₁ P ₁ dominant below to 896m? - P ₂ dominant below that gte P ₂ as vague bands & irregular stringers Core of has spotted appearance from small stringers - interstitial looking - P ₂ Cpy as small blebs Sphal distributed as very small grains
									Upper contact with 5A cuts across 1/2 way in 5A lying in 5A 45° contact 50°
									Upper section has gte & phyllite angular clasts in a sulfide matrix - P ₂ rich matrix Clasts are variably rotated as fib is in different directions
L	191013	4	191116	8	910	31G10			Pale green phyllite Minor stringer P ₂ at very top of interval Finely laminated? Noncalcareous
L	191116	9	191119	1	911	31B13			Dark green-grey leopold rock Part of interval has spotted appearance looks very similar to Unit # 181
L	191119	1	191216	7	912	31G17			Non-calcareous green laminated phyllite Minor P ₂ Contains some light green layers (could be calc-silicate minerals) - these have been classified as Saffreous Minor P ₂
L	191216	7	191310	5	913	31E11	3E13		Dark grey to black phyllite Abundant irregular gte stringers locally calcareous Calcite gte also fill late tension fractures Stylitic texture in one interval P ₁ >> P ₂

Lithologic Log

Code	From		To		Unit		Code	Description
	10	14	16	20	22	23		
L	191310	5	191314	3	914	31D7		Pale green, massive-looking, finely laminated phyllite. Slightly calcareous in 10% HCl (pale) Qtz-chlorite veins. Locally has brownish-tinge spots - these are probable biotite. Very lustrous part of interval looks brecciated.
L	191314	3	191318	8	15	31F1		Five-grained grey marble with siliceous lenses & layers. Siliceous layers bedded - extremely fractured as well. Usually dark brown from abundant biotite. Two sample 2 biotite masses have lying at very different angles (1 S2 - 1 ± S2). More siliceous-rich at top of interval (see very little grey marble). Minor bits of green mineralogy in the siliceous layers.
L	191318	3	191412	9	916	31D14		Five-grained massive. Brown & pale green banded appearance. Green laminae. Often have slightly mottled appearance as extent of biotite development varies. Contains phyllitic interbeds with bt-musc-chlor-gnt-staur(?) Contains minor ft + calcite veins.
L	191412	0	191415	4	917	31G10		Biot-gnt-chlor-staur schist. Appears to be locally retrograded (ie chlor/biotite ratio is irregular). Coarser grained than phyllite; higher in section.
L	191415	4	191419	7	918	31D13		Top of interval consists of 2.3M of 3.F1. Five-grained, massive, slightly calcareous. Banded pale green & brown (biotite) 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 have vein with coarse musc-pink andalusite. Green laminae 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		Five-grained grey marble with green or brown siliceous bands. Calcite becomes more dominant in lower part of interval. Generally green siliceous with minor intervals of biotite assemblages.
L	191517	0	191615	3	012	31G10		Gnt-chlor-staur-musc ± biotite schist. Biotite not common. Color ranges from cream to greenish.

Structural Log

Code	From				To				Feature	SYE	S ₁		S ₂		Description
	10	14	16	20	22	24	26	28			Dip	Direct.	Dip	Direct.	
S															O/B no core
S									C1S12			815	11815		
S									C1S12			616	11815		
S									F12 S			722	11815	S sym 16.1 - 28.2	
S									F12 M					M zone 28.2 - 31.0	
S									C1S12			715	11815		
S									C1S12			810	11815		
S									C1S12			617	11815		
S									C1S12			712	11815		
S									C1S12			615	11815		
S									C1S12			710	11815		
S									C1S12			414	11815		
S									C1S12			710	11815		
S									C1S12			615	11815		
S									F12 S					S sym 31.0 - 78.8	
S									F12 3			815	11815	Z sym 78.8 - 82.6	
S									F12 S			816	11815	S sym 82.6 - 86.1	
S									C1S12			811	11815		
S									F12 M					M zone 86.1 - 94.3	
S									C1S12			819	11815		
S									F12 S					S sym 94.3 - 100.6	
S									F12 M			815	11815	M zone 100.6 - 103.5	
S									F12 S					S sym 103.5 - 105.1	
S									F12 3			813	11815	Z sym 105.1 - 108.6	
S									C1S12			817	11815		
S									F12 S					S sym 108.6 - 116.1	
S									F12 3			813	11815	Z sym 116.1 - 117.9	
S									C1S12			815	11815		
S									C1S12			818	11815		
S									C1S12			817	11815		
S									C1S12			814	11815		
S									C1S12			715	11815		
S									C1S12			715	11815		
S									F12 S					S sym 117.9 - 153.6	
S									F12 3			715	11815	Z sym 153.6 - 154.7	
S									F12 S					S sym 154.7 - 156.6	

Structural Log

Elev	From				To				Feature	E/S	S ₁		S ₂		Description
	10	14	16	20	22	24	26	28			32	34	38	Dip	
S				11517	4	IF2	3								Z sym 156.6 - 157.4
S				11618	8	CIS12						717	11815		
S				11714	9	IF2	E					715	11815		S sym 157.4 - 174.9
S				11718	8	IF2	3					716	11815		Z sym 174.9 - 178.9
S				11719	9	IF2	S								S sym 178.9 - 179.9
S				11813	2	IF2	M					710	11815		M zone 179.9 - 183.2
S				11817	7	CIS12						619	11815		
S				11911	7	IF2	E					716	11815		S sym 183.2 - 191.7
S				11914	9	IF2	3								Z sym 191.7 - 194.9
S				11918	1	IF2	E					815	11815		S sym 194.9 - 198.1
S				12012	4	IF2	3								Z sym 198.1 - 202.4
S				12013	0	CIS12						717	11815		
S				12018	6	IF2	E					719	11815		S sym 202.4 - 208.6
S				12110	0	IF2	3								Z sym 208.6 - 210.0
S				12112	1	CIS12						815	11815		
S				12118	2	CIS12						818	11815		
S				12214	6	CIS12						818	11815		
S				12310	4	CIS12						815	11815		
S				12316	5	CIS12						711	11815		
S				12412	5	CIS12						817	11815		
S				12417	7	IF2	E					812	11815		S sym 210.0 - 247.1
S				12512	1	IF2	3					814	11815		Z sym 247.1 - 252.1
S				12518	3	IF2	E					612	11815		S sym 252.1 - 258.3
S				12519	4	IF2	3								Z sym 258.3 - 259.4
S				12613	4	CIS12						710	11815		
S				12616	1	IF2	S								S sym 259.4 - 266.1
S				12618	6	IF2	3					711	11815		Z sym 266.1 - 268.6
S				12711	0	IF2	E								S sym 268.6 - 271.0
S				12716	1	IF2	3					812	11815		Z sym 271.0 - 276.1
S				12812	2	CIS12						618	11815		
S				12814	4	IF2	E								S sym 276.1 - 284.4
S				12819	9	IF2	3					714	11815		Z sym 284.4 - 289.9
S				12910	3	IF2	S								S sym 289.9 - 290.3
S				12918	4	CIS12						818	11815		
S				13016	0	CIS12						812	11815		
S				13017	5	IF2	3								Z sym 290.3 - 307.5

Structural Log

From	To	Feature	S ₁ Dip Direct.	S ₂ Dip Direct.	Description					
						10	14	16	20	22
S	13112	+ C1512		716/1815						
S	13117	3 C1512		719/1815						
S	13118	7 F12 E			S sym 307.5 - 318.7					
S	131210	1 F12 3			Z sym 318.7 - 320.1					
S	131213	3 F12 E		713/1815	S sym 320.1 - 323.3					
S	131215	4 F12 3			Z sym 323.3 - 325.6					
S	131216	6 F12 E			S sym 325.6 - 326.6					
S	131219	1 F12 3		810/1815	Z sym 326.6 - 329.1					
S	131317	1 F12 E			S sym 329.1 - 331.1					
S	131317	4 F12 3		816/1815	Z sym 331.1 - 337.4					
S	131410	3 F12 E			S sym 337.4 - 340.6					
S	131412	6 F12 3		814/1815	Z sym 340.6 - 342.6					
S	131418	5 C1512		715/1815						
S	131510	0 F12 E			S sym 342.6 - 351.0					
S	131512	9 F12 3		810/1815	Z sym 351.0 - 352.9					
S	131517	3 C1512		718/1815						
S	131612	6 C1512		710/1815	F4 folding					
S	131615	4 F12 E			S sym 352.9 - 365.4					
S	131618	0 F12 3		810/1815	Z sym 365.4 - 368.0					
S	131714	2 C1512		516/1815						
S	131716	1 F12 E			S sym 368.0 - 376.1					
S	131810	4 C1512		712/1815						
S	131811	9 F12 3			Z sym 376.1 - 381.9					
S	131816	7 C1512		815/1815						
S	131911	9 C1512		812/1815						
S	131917	7 C1512		712/1815						
S	141011	8 F12 E			S sym 381.9 - 401.9					
S	141012	9 F12 3		810/1815	Z sym 401.9 - 402.9					
S	141019	3 C1512		713/1815						
S	141111	6 F12 E			S sym 402.9 - 411.6					
S	141115	6 F12 3		810/1815	Z sym 411.6 - 415.6					
S	141116	6 F12 E			S sym 415.6 - 416.6					
S	141117	3 F12 3			Z sym 416.6 - 417.3					
S	141210	7 C1512		716/1815						
S	141216	4 C1512		517/1815						
S	141313	3 F12 E		610/1815	S sym 417.3 - 433.3					

Code	From				To				Feature	SYE	S ₁		S ₂		Description	
	1	10	14	16	20	22	24	26			28	32	34	38		Dip
S					413183				C1S12					615	11815	
S					414125				C1S12					812	11815	
S					414182				F123					717	11815	Z sym 433.3 - 448.2
S					415135				C1S12					716	11815	
S					415196				C1S12					714	11815	
S					416147				C1S12					316	11815	b x zone
S					417109				F12S					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					418117				S12Z					618	11815	Dominant Z-symmetry
S					419150				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 folios
S					419153				S12					515	11815	
S					419130				S12M							Lithology at relatively constant angle to core axis Mixed S & Z symmetry Abundant F3 crenulation cleavage This interval F3 has S symmetry dips shallowly opposite to F3
S					419183				S12					710	11815	
S					419194				S12R							Abundant F3 cren. cleage
S					510103				S12S					910	11815	
S					510108				S12Z							
S					510121				S12S					715	11815	
S					510130				S12Z							
S					510146				S12					815	11815	F4 fold kinks in this area
S					510150				S12S							

Structural Log

From	To	Feature	SYM	S ₁		S ₂		Description
				Dip	Direct.	Dip	Direct.	
10	14 16	20 22 24 26	28	32	34	38		
S	15106	3	S					S2 horizontal
S	15108	1	S			015	11815	F4 breccia zone runs along 1 side of core
S	15109	2	S			715	11815	
S	15111	3	S			710	11815	Misc. F4 and F3
S	15113	2	S					S2 near vertical by F4. In between some breccia and gneiss zones
S	15114	6	S			415	11815	
S	15114	9	S					
S	15119	3	F4					Misc. breccia lying disturbed. Kink folcs
S	15119	4	S			315	11815	
S	15119	2	F4					Breccia along F4 fracture - it scales well to core axis
S	15124	5	S			410	11815	Zone of high S and Z-symmetry
S	15129	4	S			715	11815	
S	15131	4	S			515	11815	
S	15131	1	F4					Consolidated breccia associated with F4 fracture
S	15132	2	S			715	11815	
S	15141	6	S			915	11815	Dominantly Z-symmetry. S-folcs not great
S	15143	9	S			215	11815	
S	15143	8	F3					F3 zone close well bedded in this zone. Close to S-symmetry
S	15143	9	S			715	11815	
S	15147	5	S					
S	15150	1	S			710	11815	
S	15152	8	S			715	11815	Trachites SD and gneiss zones
S	15154	6	S					
S	15155	9	S					Zone that typical of many units made to C.A. Probably caused by F3 and/or F4 folding
S	15158	5	S					
S	15159	5	S			315	11815	F3 zone close visible
S	15161	2	S					Dominantly S-symmetry. Misc. Z-symmetry folcs

Structural Log

Depth (m)	From		To		Feature	F ₃	S ₁		S ₂		Description	
	10	14	16	20			22	24	26	28		32
5			151612	4	1512	17						Zone with lying at acute angle to core axis Related to F3?
5			151615	3	1512				515	11815		
5			151619	0	F4							Strong fracturing associated with F4
5			151702	2	F4							Strong fracturing associated with F4
5			151710	8	1512				815	11815		
5			151716	4	1512				715	11815		
5			151811	4	F13							Well developed F3 cross cleavage in this region
5			151814	0	1512				715	11815		
5			151815	9	1512	S			810	11815		
5			151816	9	1512	Z						
5			151818	7	1512	S			810	11815		Dominantly S-symmetry
5			151915	1	1512	R			615	11815		Well-developed S2 schistosity Microfolds not present
5			151915	3	1512	S						
5			151915	6	F13							Well developed F3 cleavage S symmetry Dips at high angle to S2
5			151918	2	1512	R						
5			151918	6	1512	Z			610	11815		
5			151919	5	F14							
5			151919	2	1512	R						Well developed S2 schistosity, no microfolds
5			161010	9	1512	S			610	11815		Dominantly S-symmetry
5			161013	3	1512	E						Well developed schistosity, no microfolds
5			161013	5	1512	E						
5			161013	8	1512	S						Also F4 brittle folding
5			161016	3	1512	R			715	11815		Well developed S2 Minor F3 circulation cleavage
5			161110	8	1512	S			910	11815		Dominantly S-symmetry Abundant F4 kinks and fractures
5			161111	6	1512	E						Well developed S2 schistosity
5			161112	0	1512	Z						
5			161115	0	1512	S			210	11815		Minor F4 kink folds
5			161115	6	1512	E						Also microfolds
5			161115	8	1512	Z						
5			161119	0	1512	S						Dominantly S-symmetry

Code	From		To		Feature	S ₁ Dip Direct.	S ₂ Dip Direct.	Description
	10	14	16	20				
S			161214	161220	1512	7	215 11815	Dominantly Z-symmetry
S			161218	161224	1512	5	215 11815	Dominantly S-symmetry locally developed F3 over slope sections F4 bottle neck fold.
S			161219	161226	1512	4		Well developed S2 schistosity
S			161219	161226	1512	3	210 11815	
S			161301	161307	1512	5		These Z-symmetry folds present
S			161319	161325	1512	15	210 11815	Zone of mixed Z & S-symmetry structure. S becomes dominant near bottom (below 622.5 M) F4 present
S			161319	161327	1512	7	210 11815	Dominantly Z-symmetry
S			161403	161409	1512	5		Locally developed F3 over slope
S			161404	161410	F12			Lying at a steep angle to the wall
S			161412	161418	1512	3	210 11815	Well developed S2 with F3 surface
S			161415	161421	1512	7		
S			161417	161423	1512	5	215 11815	Dominantly S-symmetry Z folds are observed through interval
S			161421	161427	1512	7		
S			161512	161518	1512	3	210 11815	Mainly S-symmetry 1128 3 S - fold observed. Also Z-symmetry in zones
S			161514	161520	1512	R		Well developed S2 - no microfolds
S			161517	161523	1512	7	210 11815	
S			161519	161525	1512	3		F3 out
S			161519	161525	1512	3		
S			161612	161618	1512	3	215 11815	Well-developed S2 schistosity
S			161612	161618	1512	5		
S			161614	161620	1512	2		
S			161614	161620	1512	2	210 11815	
S			161615	161621	F14			Bottle neck with minor gorge
S			161616	161622	1512	R		
S			161617	161623	F14			Bottle neck with minor gorge
S			161617	161623	1512	3	210 11815	
S			161619	161625	1512	5		Dominant S, minor Z folds

Code	From		To		Feature	S ₁ Dip Direct.	S ₂ Dip Direct.		Description	
	10	14 16	20	22 24			26 28	32 34		38
S			161710	4	1S12	Z				
S			161710	5	1S12	S				
S			161711	7	1S12	R				
S			161712	8	1S12	S		815	11815	
S			161713	6	1S12	Z				
S			161715	3	1F14					
S			161715	8	1F14			415	11815	
S			161716	0	1S12	R			Well developed S2, no microolithons	
S			161717	7	1S12	S				
S			161718	8	1S12	R				
S			161718	9	1S12	Z				
S			161810	2	1F14			715	11815	Kink fol
S			161810	8	1S12	R		715	11815	
S			161811	9	1S12	S				
S			161814	1	1S12	R		715	11815	
S			161817	1	1S12			710	11815	
S			161910	6	1S12			515	11815	
S			161913	7	1S12			715	11815	
S			161917	9	1S12	S		710	11815	
S			161919	8	1S12	M				Zone of S and Z microolithon structures
S			171010	1	1S12	E				
S			171011	1	1S12	S		715	11815	
S			171013	7	1S12	Z				
S			171014	7	1S12	S		710	11815	
S			171015	8	1F13					Well developed crenulations cleage
S			171017	6	1S12	Z		710	11815	
S			171017	9	1S12	S				
S			171018	8	1S12	R				Well developed S2 schistosity
S			171113	5	1S12			915	11815	
S			171116	3	1S12	S				Minor Z symmetry also present
S			171116	7	1S12	E		610	11815	
S			171119	6	1F13					Well developed F3 even cleage
S			171210	4	1S12	S				
S			171210	0	1F3					Even cleage
S			171213	7	1S12	R				
S			171215	1	1S12			710	11815	

Structural Log

Code	From		To		Feature	E S/E	S ₁		S ₂		Description
	10	14	16	20			22	24	26	28	
S			1712	166	1S12	Z					
S			1712	181	1S12	R					
S			1712	190	1S12	S			810	11815	
S			1713	171	1S12	Z			810	11815	Large Z regions may be partly due to confusing F3 as F2
S			1714	106	1F13						
S			1714	110	1S12	S			315	11815	Dominantly S symmetry
S			1714	135	1S12	R					
S			1714	140	1S12	S			215	11815	
S			1714	198	1S12				515	11815	lying in banded 4G
S			1715	153	1S12				715	11815	lying in banded 4G
S			1715	172	1S12				315	11815	Banding in 5D. Approx 11 contact between 5D and 4K
S			1716	155	1S12	R					Massive sulfides. Only vague banding visible. No micro lamination or major visible fol.
S			1716	168	1S12				515	11815	S2 - dark bands in 4A4
S			1716	196	1S12	M			510	11815	Zone of both S and Z symmetries
S			1717	101	1S12	R					Massive sulfide zone
S			1717	108	1S12				610	11815	Contact between 5D & sulfides - 60° lying becomes essentially 11 core axis for 770.8 → 771.4 M
S			1717	122	1S12				610	11815	
S			1717	134	1F14						Fracturing filled with calcite. Minor gneiss present
S			1717	191	1S12	Z			610	11815	Region of consistent Z-symmetry - for entire gneiss unit. To west of massive sulfides as S2 fol?
S			1718	142	1S12				515	11815	Banding in basitic 4G
S			1718	198	1S12				710	11815	Banding in basitic 4G
S			1719	132	1S12				710	11815	Banding in 4G
S			1719	173	1S12				710	11815	Banding in 4D
S			1810	137	1S12				710	11815	Compositional banding
S			1810	144	1F13						Poorly developed conchoidal cleavage. Calcite fully fractured
S			1810	153	1S12				615	11815	lying

Structural Log

Elev	From		To		Feature	SYE	S ₁		S ₂		Description
	10	14	16	20			22	24	26	28	
S			18113	3	IS12				310	11315	Pervasive S2 fth.
			18117	6	IS12				310	11315	Pervasive S2 - no micro-lithology
S			18120	3	IS12	R					Massive subides 4L sequence, pervasive S2 in gylitic No micro-lithology textures
S			18122	1	IS12	R			210	11315	
S			18124	5	IS12	S			315	11315	Dominantly S-symmetry
S			18127	4	IS12	M			710	11315	Both Z and S-symmetry in micro-lithology
S			18131	3	IS12	S					
S			18131	0	IS12	M			315	11315	Both Z and S-symmetry to minor structures
S			18131	5	F14				310	11315	Strong F4 fold interference from 930.0- 531.9 m. lying at acute angle to CA Strong kink fold.
S			18134	1	IS12	S			710	11315	Good S-micro-lithology in ribbon banded
S			18139	7	IS12				615	11315	Good pervasive S2 - 4L rocks
S			18145	0	IS12				510	11315	Again 4L
S			18147	2	F14						Minor breccia related to F4 defn
S			18151	0	IS12				515	11315	
S			18154	1	IS12	R					Pervasive S2 - no micro-lithology, in 4L rocks
S			18154	7	IS12	M					Very micro-lithology has S & Z symmetry
S			18156	5	IS12	R			710	11315	SD lithology - no micro-lithology
S			18162	1	IS12	S			715	11315	Severe micro-lithology in SD & 4L lithologies
S			18167	7	IS12	R			710	11315	
S			18167	9	IS12	S					
S			18171	8	IS12	R			710	11315	
S			18172	5	IS12	R					
S			18175	7	IS12	R			415	11315	4L lithology - no micro-lithology
S			18175	8	IS12	R					
S			18179	2	IS12	S			715	11315	
S			18185	0	IS12	R			315	11315	Mainly 4L lithology - no micro-lithology
S			18187	2	F14						Part of Crg. faulting F4 features
S			18190	5	IS12	R			515	11315	
S			18191	6	IS12	R			515	11315	
S			18192	4	IS12	S			510	11315	Dominantly S-symmetry
S			19100	2	IS12	R			610	11315	4L lithology

Structural Log

Core	From			To			Feature	SYE	S ₁ Dip Direct.			S ₂ Dip Direct.			Description
	10	14	16	20	22	24			26	28	32	34	38		
S				1913	12	4	S12								
S				1915	17	0	S12				710	11815			
S				1910	19	8	S12 R							Permissive S2 schistosity - no microlithing	
S				1911	11	6	S12 S				810	11815			
S				1911	11	8	F13							Weak crystalline cluse developed	
S				1911	12	2	S12				515	11815		Permissive S2 schistosity parallel lying	
S				1911	13	1	S12				715	11815			
S				1912	17	4	S12				715	11815		Permissive S2 schistosity	
S				1912	19	6	F14							S2 lying from fold at high angle to C4	
														No crystalline cluse parallel planes to fold	
S				1913	11	4	S12				615	11815		Permissive S2	
S				1914	10	6	S12				710	11815		Lying subparallel S2	
S				1914	13	7	S12				510	11815			
S				1915	15	3	S12				615	11815			
S				1916	12	0	S12				615	11815		Permissive S2	
S				1916	14	7	F13							Per. S2 fold at high angle to C4	
S				1916	19	2	S12				710	11815			
S				1917	11	1	S12 R				610	11815		Permissive S2 faulted No	
														visible microlithing	

EOH

DDH 79-X-111
2 8

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

Page _____ of _____
Logged By: LCP
Sampled By: _____

	From	To	Sample No.	Description		Recovery
P	17142	17143	1111315	HG49	0.5	0.5
P	17143	17143	1111316	HC9	0.7	0.7
P	17145	17147	1111317	HK9	2.1	2.1
P	17147	17149	1111318	HK39	2.0	2.0
	17149	17150	1111319	HG439	1.2	1.2
	17150	17151	1111410	HK8	0.6	0.6
	17151	17153	1111411	HG48	1.0	1.0
	17153	17154	1111412	HK39	1.0	1.0
	17154	17155	1111413	HG483	1.4	1.4
	17155	17157	1111414	HK8	1.8	1.8
	17157	17159	1111415	HK931	1.8	1.8
	17159	17161	1111416	HK931	1.8	1.8
	17161	17162	1111417	HK48	1.0	1.0
	17162	17162	1111418	HK43	0.6	0.6
	17162	17163	1111419	HD37	0.8	0.8
	17163	17165	1111510	HG433	2.0	2.0
	17165	17167	1111511	HAN	1.6	1.6
	17167	17169	1111512	HAN	2.5	2.5
	17169	17170	1111513	HE1	0.5	0.5
	17170	17179	1111514	HE9	0.6	0.6
	17179	17181	1111515	HG43	1.7	1.7
	17181	17183	1111516	HG43	1.5	1.5
	17183	17184	1111517	HG43	1.7	1.7
	17184	17185	1111518	HK46	1.0	1.0
	17185	17187	1111519	HK46	1.5	1.5
	17187	17189	1111520	HK46	1.0	1.0
	17189	17190	1111611	HG43	1.5	1.5
	17190	17192	1111612	HE394	1.6	1.6
	17192	17193	1111613	HE394	1.3	1.3
	17193	17195	1111614	HG483	1.4	1.4
	17195	17196	1111615	HG483	1.0	1.0
	17196	17197	1111616	HD394	1.5	1.5
	17197	17199	1111617	HD7394	2.0	2.0
	17199	1801	1111618	HD7394	2.0	2.0
	1801	1803	1111619	HD7394	1.4	1.2
	1803	1804	111170	HD7394	1.2	1.4

From	To	Sample No.	Description	Recovery
18104 2	18105 2	111213 17	4A739	0.9
18105 2	18107 4	111213 17	4A739	2.4
18107 4	18108 2	111213 18	4A729	2.5
18108 2	18110 5	111213 19	4A729	1.6
18110 5	18112 2	111214 10	4A729	1.7
18112 2	18113 2	111214 11	4A729	1.6
18113 2	18113 2	111214 11	4A729	1.6
18119 1	18119 0	111214 12	4E0	0.7
18119 3	18120 9	111217 11	4A0	1.6
18120 9	18122 0	111217 12	5A9	1.1
18122 0	18124 5	111217 13	4A0	2.5
18124 5	18125 1	111217 14	4A4	.5
18125 0	18126 9	111217 15	4L679	1.9
18126 9	18128 2	111217 16	4L679	1.8
18128 3	18125 2	111217 17	4L679	1.9
18125 2	18127 1	111217 18	4A0	1.9
18127 1	18128 3	111217 19	4A0	1.7
18128 3	18130 2	111218 10	4A49	1.4
18130 2	18131 9	111218 11	4L1489	1.7
18131 9	18133 7	111218 12	4L1489	1.8
18133 7	18135 5	111218 13	4L1489	1.8
18135 5	18137 5	111218 14	5A9	2.0
18137 5	18139 4	111218 15	5A9	1.9
18139 4	18141 1	111218 16	5A9	1.7
18141 1	18142 5	111218 17	5A9	1.4
18142 5	18143 4	111219 8	4L7419	0.9
18143 4	18146 0	111219 9	4L7419	2.0
18146 0	18147 9	111219 10	4L7419	1.9
18147 9	18149 2	111219 11	4L7419	1.8
18149 2	19101 6	111219 12	4L7419	1.9
19101 6	19103 4	111219 13	4L7419	1.8

Core Case	From	To	Sample No.	Description					
	13113	13113	1111315	4249	1.0	0.5	14.93		
	13113	13113	1111316	4249	1.7	0.7	1.68		
	13113	13113	1111317	4249	2.0	2.1	2.36		
	13113	13113	1111318	4249	2.0	2.5	7.03		
	13113	13113	1111319	4249	1.2	1.2	14.22		
	13113	13113	1111320	4249	0.6	0.6	6.38		
	13113	13113	1111321	4249	1.0	1.0	13.87		10.5
	13113	13113	1111322	4249	1.0	1.0	9.43		5.0
	13113	13113	1111323	46483	1.4	1.4	12.78		
	13113	13113	1111324	4249	1.2	1.8	2.36		
X	13113	13113	1111325	4249	1.8	1.8	0.63		
	13113	13113	1111326	4249	1.8	1.8	1.98		
	13113	13113	1111327	4249	1.0	1.0	18.85		
	13113	13113	1111328	4249	0.6	0.6	6.53		
	13113	13113	1111329	4249	2.8	2.8	5.14		
	13113	13113	1111330	4249	2.0	2.0	9.82		Old
X	13113	13113	1111331	4249	1.6	1.6	5.88		FB Zn
	13113	13113	1111332	4249	2.5	2.5	1.91 36.0 5.51		21.55
	13113	13113	1111333	4E1	0.5	0.5	5.17 6.94 11.11		11.59
	13113	13113	1111334	4E9	0.6	0.6	1.78 2.76 4.54		14.52
	13113	13113	1111335	4249	1.7	1.7	11.86 7.82 19.68		41.14
	13113	13113	1111336	4249	1.6	1.6	7.24 5.07 12.24		33.10
	13113	13113	1111337	4249	1.7	1.7	8.05 9.44 17.49		42.35
	13113	13113	1111338	4K41	1.0	1.0	2.56 .81 3.35		477.71
	13113	13113	1111339	4249	1.5	1.5	7.36 8.45 15.81		182.28
	13113	13113	1111340	4249	1.0	1.0	3.32 2.63 5.95		1.91 2.2
	13113	13113	1111341	4643	1.5	1.5	7.26 8.79 14.05		1.30 1.93
	13113	13113	1111342	4E894	1.6	1.6	4.80 3.36		.82 1.14
	13113	13113	1111343	4E894	1.3	1.3	1.20 1.11		.22 .30
	13113	13113	1111344	46483	1.4	1.4	6.02 6.27		1.70 2.3
	13113	13113	1111345	46483	1.0	1.0	5.44		.59 .76
	13113	13113	1111346	4D894	1.5	1.5	3.23		1.44 .82
	13113	13113	1111347	5D7894	2.0	2.0	2.53		.95 .11
	13113	13113	1111348	4D7894	2.0	2.0			3.85 6.81
	13113	13113	1111349	4D7894	1.2	1.2			5.32 7.86
	13113	13113	1111350	4D7894	1.2	1.4			.37 .81

729

10%+

10.5
5.0

Old

FB Zn

21.55

11.59

14.52

41.14

33.10

42.35

477.71

182.28

1.91 2.2

1.30 1.93

.82 1.14

.22 .30

1.70 2.3

.59 .76

1.44 .82

.95 .11

3.85 6.81

5.32 7.86

.37 .81

DDH 7-2-X-2
2 BCyprus Anvil Mining Corp.
Geochemical Log (Sampler's Copy)Page _____ of _____
Logged By: G.R.H.DDH 7-2-X-11
2 BCyprus Anvil Mining Corp.
Geochemical Log (Sampler's Copy)Page _____ of _____
Logged By: _____
Sampled By: _____

Core 1	From			To			Sample No.	Description			
	10	14	18	20	22	27					
	181014	3	181015	2	111213	6	44714	0.2	0.2	0.13	
	181015	2	181017	4	111215	17	44717	0.2	0.2		
	181017	4	181019	9	111213	18	44729	0.2	0.2	0.25	
	181019	9	181110	5	111243	19	44730	1.2	1.2	0.56	
	181110	5	181112	2	111214	15	44729	1.7	1.7	1.61	
	181112	2	181113	8	111244	11	44729	1.7	1.7	0.34	
	181113	8	181113	8	111244	11					
	181113	8	181113	8	111244	11					
	181119	1	181119	8	111214	12	44730	0.7	0.7		
	181119	1	181119	8	111214	12					
	181119	8	181119	9	111217	11	44730	1.6	1.6	0.12	
	181119	9	181119	9	111217	13	44730	1.1	1.1	0.12	
	181119	9	181119	9	111217	13	44730	2.5	2.5	6.63	
	181119	9	181119	9	111217	13	44730	0	0	0	
	181119	9	181119	9	111217	13	44730	1.0	1.0	0.9	
	181119	9	181119	9	111217	13	44730	1.8	1.8	1.8	
	181119	9	181119	9	111217	13					
	181119	9	181119	9	111217	13	44730	1.9	1.9	1.9	
	181119	9	181119	9	111217	13	44730	1.9	1.9	1.3	
	181119	9	181119	9	111217	13	44730	1.7	1.7	0.41	
	181119	9	181119	9	111217	13	44730	1.4	1.4	4.15	
	181119	9	181119	9	111217	13	44730	1.7	1.7	5.74	
	181119	9	181119	9	111217	13	44730	1.8	1.8	6.33	
	181119	9	181119	9	111217	13	44730	1.8	1.8	9.76	
	181119	9	181119	9	111217	13	44730	2.0	2.0	0	
	181119	9	181119	9	111217	13	44730	1.9	1.9	1.9	
	181119	9	181119	9	111217	13	44730	1.7	1.7	1.7	
	181119	9	181119	9	111217	13	44730	1.2	1.2	1.2	
	181119	9	181119	9	111217	13	44730	0.9	0.9	0.9	
	181119	9	181119	9	111217	13					
	181119	9	181119	9	111217	13	44730	2.0	2.0	2.0	
	181119	9	181119	9	111217	13	44730	1.9	1.9	1.9	
	181119	9	181119	9	111217	13	44730	1.8	1.8	1.8	
	181119	9	181119	9	111217	13	44730	1.9	1.9	1.9	
	181119	9	181119	9	111217	13	44730	1.8	1.8	1.8	
	181119	9	181119	9	111217	13					
	181119	9	181119	9	111217	13					
	181119	9	181119	9	111217	13					

79X-12

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 79-X-12

Fabric Orientation Diagram:

Project: DY

Location: VANGUARD 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-Y-06

Logged by: BVH

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

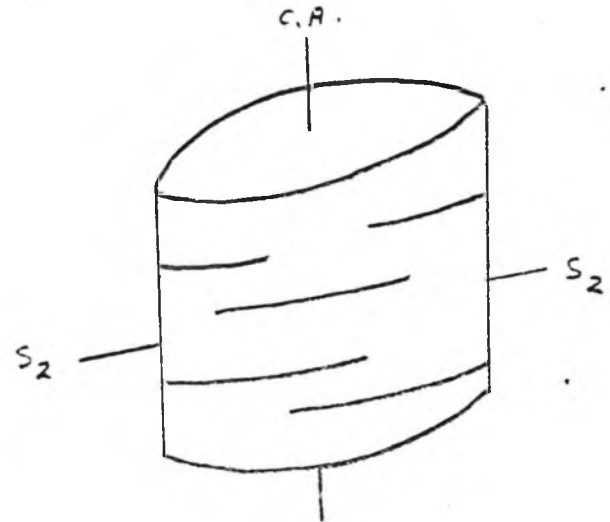
Drilling Contractor:

ARCTIC

Core: Size From To Collar Cased and Capped: No

NQ 19.0 889.1

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



All symmetry determinations looking

NW with S2 dipping

SW with dip azimuth 185.

Lithologic Log

Depth (m)	From		To		Unit	Code	Description
	10	14	16	20	22	23	
L	11000	0	11119	2	11	#	O/B No core
L	11119	6	11216	1	12	SIB16	
L	11216	1	11218	1	13	SIB10	py only
L	11218	1	11219	2	14	SIB10	zone of gouge and broken core
L	11219	2	11310	8	15	SIB10	
L	11310	3	11315	7	16	SIB16	py only
L	11315	7	11411	9	17	SIB10	py only
L	11411	9	11412	2	18	SIB10	gouge zone
L	11412	2	11417	4	19	SIB10	py only
L	11417	4	11510	2	10	SIB16	py only
L	11510	2	11515	4	11	SIB10	py only
L	11515	4	11516	9	12	SIB10	gouge zone
L	11516	9	11518	3	13	SIB10	py only
L	11518	3	11613	5	14	SIB16	py only
L	11613	5	11615	7	15	SIB15	gouge zone
L	11615	7	11617	6	16	SIB16	
L	11617	6	11619	5	17	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	11619	5	11711	3	18	SIB16	py only
L	11711	3	11712	5	19	SIB14	
L	11712	5	11713	8	20	SIB13	py only
L	11713	8	11817	2	21	SIB10	
L	11817	2	11817	5	22	OF17	^{OF22} contact discordant, not foliated.
L	11817	5	11818	3	23	OF12	
L	11818	3	11910	0	24	OF12	-OF22, visible Hb grains, small diffuse
	111		111		11	11	contact zone ~ 0.02 m wide.
L	11910	0	11917	7	25	OF12	
L	11917	7	11919	1	26	OF19	-OF22 plug in pheno crystals and matrix
	111		111		11	11	altered to kaolinite.
L	11919	1	12011	6	27	OF12	-OF27 contact similar to #24
L	12011	6	12012	1	28	OF12	-OF29 plug in pheno crystals and matrix
	111		111		11	11	altered to kaolinite.
L	12012	1	12013	7	29	OF19	-no pheno crystals

L	From		To		Unit		Code	Description
	10	14	16	20	22	23	25	
L	121013	7	121014	5	310		S1B16	
L	121014	5	121016	7	311		S1D14	
L	121016	2	121018	9	312		S1B16	contact gradational with "31
L	121018	2	121111	2	313		S1B17	py only
L	121111	2	121113	0	314		S1D10	
L	121113	0	121113	5	315		S1D14	
L	121113	5	121114	6	316		S1D10	
L	121114	6	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	121212	0	412		S1B12	-SB26 py only
L	121212	0	121212	3	413		S1D13	py only
L	121212	3	121214	5	414		S1D14	-SD43
L	121214	5	121216	6	415		S1B17	-SB73
L	121216	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		S1B13	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

Code	From		To		Unit			Code	Description
	10	14	16	20	22	23	25		
L	141010	3	141014	1	616	S1B12		-SB23 po & py	
L	141014	1	141019	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	14211	1	712	S1D10			
L	14211	1	14217	7	713	S1D13		po only	
L	14217	7	14217	7	714	S1B10			
L	14217	7	14315	7	715	S1D13		po only	
L	14315	7	14410	5	716	S1D10		po only	
L	14410	5	14411	4	717	S1D13			
L	14411	4	14412	5	718	S1D10			
L	14412	5	14414	1	719	S1D13			
L	14414	1	14416	5	810	S1D10			
L	14416	5	14510	1	811	S1D13			
L	14510	1	14611	7	812	S1D10			
L	14611	7	14619	5	813	S1D13		"Leopard Rock"	
L	14619	5	15103	7	814	S1B10		po & py gouge zone 493.3 - 493.6	
L	15103	7	15105	0	815	S1D15		-SDS6 pale colour, very siliceous.	
L	15105	0	15106	9	816	S1D10			
L	15106	9	15107	7	817	S1B16		po only	
L	15107	7	15111	1	818	S1B10			
L	15111	1	15111	9	819	S1D15		-SDS3 similar in appearance to #85	
L	15111	9	15114	4	910	S1D15		-SDS6 similar in appearance to #85	
L	15114	4	15210	5	911	S1D10		po only	
L	15210	5	15212	3	912	S1D15		-SDS6 similar in appearance to #85	
L	15212	3	15216	6	913	S1B10		gouge zone 542.0 - 542.9 po only	
L	15216	6	15216	1	914	S1B16		po only	
L	15216	1	15214	5	915	S1B10		po only	
L	15214	5	15218	6	916	S1B16		po only	
L	15218	6	15214	4	917	S1B10		po only	
L	15214	4	15215	2	918	S1B16		po only	
L	15215	2	15211	1	919	S1B10		po only	
L	15211	1	15211	8	010	S1B10		po only	
L	15211	8	16101	7	011	S1B10		po only	

Lithologic Log

Code	From	To	Unit	Code	Description
1	10 14 16	20 22 23 25 27			
L	161011	161017	012	51A10	po only
L	161017	161022	014	51A10	gauge zone
L	161022	161111	016	51A13	po only
L	161111	161118	017	51A10	po >> py
L	161118	161313	017	51A13	po only
L	161313	161318	019	51A10	po only
L	161318	161319	019	51D13	
L	161319	161414	110	51B16	po only
L	161414	161419	111	51A10	po only
L	161419	161517	112	51B16	po only
L	161517	161517	113	51B12	-SB23 po only
L	161517	161619	014	51B12	-SB26 po only
L	161619	161711	115	51A10	po only
L	161711	161712	116	51B12	-SB23 po only
L	161712	161812	117	51B16	soft rock cleft present, po only ^{pic F2} by zone
L	161812	161813	118	41H10	
L	161813	161817	119	41K10	
L	161817	161819	210	51B16	po only
L	161819	161913	211	41L19	small py band on the hanging wall
L	161913	161914	212	51B12	-SB26 po only
L	161914	161918	213	41L15	
L	161918	171010	214	41L17	
L	171010	171010	215	51B12	-SB26 po only
L	171010	171014	216	51D10	
L	171014	171015	217	51B17	-SB76 po only
L	171015	171111	218	51B16	-small galena band 705.7 po only
L	171111	171112	219	41L10	
L	171112	171114	030	41L16	
L	171114	171118	431	41L17	
L	171118	171119	312	51B12	-SB26 po only
L	171119	171211	313	41L10	
L	171211	171213	434	41L12	-4L24 py occurring in bands, sph
	111	111	1	11	increases in content toward the
	111	111	1	11	footwall
L	171233	171233	315	41L11	-4L142 minor py bands with sph
	111	111	1	11	toward the footwall

Lithologic Log

Code	From	To	Unit	Code	Description
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 -	171215 0	317	41S14	- 4648 ~ 11-15% combined, matrix calcareous
L	171215 0	171215 3	318	41D14	- 4048 ~ 7-8% combined
L	171215 3	171219 0	319	41C14	- 4648 ~ 11-15% combined, matrix calcareous, not as magnetic as 79-x-06, mag appears to be confined to the Pb/Zn bands
L	171219 0	171219 7	410	41E14	- 46478 py increasing toward the footwall, matrix calcareous ~ 13% combined
L	171219 7	171310 0	411	41C10	massive base metal barren barite
L	171310 0	171313 5	412	41C14	- 4648 matrix calcareous 731.5 - 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	- 46478 ~ 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 gta lesser bands of barite, minor bands of py-sph-gal gnd - 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	- 4679 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
	10	14	16	20	22	23		
L	171510	171512	171512	171513	515	516	41E10	calcareous Matrix - ~15% combined
L	171510	171511	171511	171514	516	517	41A10	
L	171511	171514	171514	171515	517	518	41E18	mag occurs as disseminated grains
L	171514	171515	171515	171515	518	519	41L10	
L	171515	171515	171515	171515	519	519	51A13	very calcareous
L	171515	171612	171612	171612	610	610	51B16	minor po blebs; appears to be a faintly altered SB6.
L	171612	171613	171613	171613	611	611	41L17	
L	171613	171614	171614	171614	612	612	41A10	
L	171614	171614	171614	171614	613	613	41E10	
L	171614	171615	171615	171615	614	614	41E14	~5% combined, mag occurring in bands
L	171615	171616	171616	171616	615	615	41A10	
L	171616	171617	171617	171617	616	616	41E14	-4648
L	171617	171617	171617	171617	617	617	41L14	consists of massive sph-gal and chlorite-base metal bands up to 0.1m.
L	171617	171619	171619	171619	618	618	41A10	minor po.
L	171619	171711	171711	171711	619	619	41B17	some bands are carbonaceous, appears to be an altered version of SB and SA.
L	171711	171712	171712	171712	710	710	41D14	
L	171721	171732	171732	171732	711	711	41E18	mag occurs as diss grains
L	171732	171780	171780	171780	712	712	41L16	-4667 faintly altered, po banded.
L	171780	171799	171799	171799	713	713	41L13	-4637
L	171799	171811	171811	171811	714	714	41L16	-4667 faintly altered, po banded.
L	171811	171826	171826	171826	715	715	41L16	-4662 py banded, faintly altered.
L	171826	181214	181214	181214	716	716	41L16	-4667 faintly altered, po banded
L	181214	181216	181216	181216	717	717	41L17	
L	181216	181219	181219	181219	718	718	41A10	diss cpy, occupying tension gashes.
L	181219	181311	181311	181311	719	719	41L17	
L	181311	181317	181317	181317	810	810	41A10	minor sph-gal
L	181317	181518	181518	181518	811	811	51A10	minor po and cpy
L	181518	181519	181519	181519	812	812	41C17	interbanded po, py and gtz, po increasing toward the fault wall
L	181519	181519	181519	181519	813	813	51A13	gang zone
L	181519	181611	181611	181611	814	814	51A13	
L	181611	181622	181622	181622	815	815	31B10	appears altered, possibly due to local

From	To	Feature	S ₁ Dip Direct.	S ₂ Dip Direct.	Description						
						S ₁	S ₂				
10	14	16	20	22	24	26	28	32	34	38	
S											01B no core
S									510	11815	F ₄ structure
S											S sym 19.0 - 22.8
S									619	11815	
S									814	11815	
S									815	11815	Z sym 22.8 - 37.4
S									713	11815	
S									713	11815	
S									816	11815	S sym 37.4 - 54.5
S									814	11815	Z sym 54.5 - 61.8
S									791	11815	S sym 61.8 - 67.6
S											Z sym 67.6 - 70.5
S									816	11815	
S									811	11815	S sym 70.5 - 79.8
S									815	11815	
S									815	11815	Z sym 79.8 - 89.5, F ₄ structure
S									811	11815	S sym 89.5 - 95.4
S											Z sym 95.4 - 96.9
S											S sym 96.9 - 102.0
S									719	11815	Z sym 102.0 - 103.8
S									715	11815	
S									819	11815	S sym 103.8 - 114.9
S											Z sym 114.9 - 115.9
S									715	11815	S sym 115.9 - 118.1
S											Z sym 118.1 - 119.4
S									810	11815	S sym 119.4 - 122.8
S											Z sym 122.8 - 125.6
S									815	11815	S sym 125.6 - 128.0
S											Z sym 128.0 - 129.6
S									815	11815	
S									613	11815	
S									813	11815	
S											S sym 129.6 - 144.0
S									713	11815	Z sym 144.8 - 145.7
S									613	11815	S sym 145.7 - 150.1, F ₄ structure
S											Z sym 150.1 - 152.8

Code	From		To		Feature	F S ₁	S ₁		S ₂		Description
	10	14	16	20			Dip	Direct.	Dip	Direct.	
1	10	14	16	20	22	24	26	28	32	34	38
S				115140	IF2	Z			810	11815	S sym 152.8 - 154.0
S				115162	IF2	3					Z sym 154.0 - 156.2
S				116100	CIS12				710	11815	
S				116138	IF2	S					S sym 156.2 - 163.8
S				116176	IF2	3			616	11815	Z sym 163.8 - 167.6
S				116197	IF2	Z					S sym 167.6 - 169.7
S				117110	IF2	3					Z sym 169.7 - 171.0
S				117128	CIS12				715	11815	
S				117158	IF2	Z					S sym 171.0 - 175.8
S				117173	IF2	3			810	11815	Z sym 175.8 - 177.3
S				118119	CIS12				818	11815	
S				118156	IF2	Z					S sym 177.3 - 185.0
S				118164	IF2	3					Z sym 185.0 - 185.4
S				118175	IF2	S			810	11815	S sym 186.4 - 187.5
S				120140	CIS12				713	11815	Dyke 187.5 - 204.0
S				121109	IF2	S			715	11815	S sym 204.0 - 210.4
S				121142		R					R zone 210.9 - 214.2
S				121175	IF2	Z			811	11815	S sym 214.2 - 217.5
S				122112	IF2	3			817	11815	Z sym 217.5 - 221.2
S				122177	CIS12				615	11815	
S				123138	CIS12				811	11815	
S				123157	IF2	Z					S sym 221.2 - 235.7
S				123188	IF2	3			812	11815	Z sym 235.7 - 238.8
S				124136	CIS12				815	11815	
S				124189	CIS12				519	11815	
S				125120	CIS12				810	11815	
S				125159	IF2	S					S sym 238.8 - 255.9
S				125187	IF2	M					M zone 255.9 - 258.7
S				126103	IF2	Z			514	11815	S sym 258.7 - 260.8
S				126133	IF2	3					Z sym 260.8 - 263.5
S				126146	IF2	Z					S sym 263.3 - 264.6
S				126161	IF2	3			515	11815	Z sym 264.6 - 266.1
S				126176	IF2	Z					S sym 266.1 - 267.6
S				126188	IF2	3					Z sym 267.6 - 268.8
S				127103	CIS12				814	11815	
S				127164	CIS12				810	11815	

Structural Log

Core Code	From				To				Feature E SY	S ₁		S ₂		Description
	1	10	14	16	20	22	24	26		28	32	34	38	
S					27	18	9		F2	Σ				S sym 268.8 - 278.9
S					28	10	2		F2	3				Z sym 278.9 - 280.2
S					28	13	4		F2	Σ			715 / 11815	S sym 280.2 - 283.4
S					28	15	4		F2	3				Z sym 283.4 - 285.4
S					28	18	6		C5	12			816 / 11815	
S					28	19	9		F2	Σ				S sym 285.4 - 289.9
S					29	12	2		F2	3			813 / 11815	Z sym 289.9 - 292.2
S					29	16	3		F2	Σ				S sym 292.2 - 296.3
S					29	18	3		F2	3			810 / 11815	Z sym 296.3 - 298.3
S					30	13	9		C5	12			711 / 11815	
S					31	10	0		C5	12			712 / 11815	
S					31	13	1		C5	12			817 / 11815	
S					31	19	0		F2	Σ				S sym 298.3 - 319.0
S					32	11	0		F2	3			810 / 11815	Z sym 319.0 - 321.0
S					32	15	2		C5	12			712 / 11815	
S					32	18	9		F2	Σ			716 / 11815	S sym 321.0 - 328.9
S					33	12	4		F2	3				Z sym 328.9 - 332.4
S					33	14	6		F2	Σ			811 / 11815	S sym 332.4 - 334.6
S					33	17	5		F2	3				Z sym 334.6 - 337.5
S					34	10	3		C5	12			811 / 11815	
S					34	12	2		F2	Σ				S sym 337.5 - 342.2
S					34	15	2		F2	3			818 / 11815	Z sym 342.2 - 345.3
S					34	16	6		F2	Σ				S sym 345.3 - 346.6
S					34	19	2		C5	12			715 / 11815	
S					35	14	6		F2	3			812 / 11815	Z sym 346.6 - 354.6
S					35	19	7		C5	12			810 / 11815	
S					36	14	2		C5	12			818 / 11815	
S					37	10	5		C5	12			715 / 11815	
S					37	13	7		C5	12			718 / 11815	
S					38	13	4		F2	Σ			812 / 11815	S sym 354.6 - 383.4
S					38	15	5		F2	3				Z sym 383.4 - 385.5
S					38	16	6		F2	Σ				S sym 385.5 - 386.6
S					39	10	0		F2	3			710 / 11815	Z sym 386.6 - 390.0
S					39	15	3		C5	12			719 / 11815	
S					40	11	4		C5	12			810 / 11815	
G					40	15	3		F2	Σ				S sym 390.0 - 405.3

Structural Log

Core No.	From				To				Feature	E S ₁	S ₁		S ₂		Description				
	10	14	16	20	22	24	26	28			Dip	Direct	Dip	Direct					
S	1	1	1		410	17	5	C	S	12			7	15	1	18	15		
S	1	1	1		410	19	5				R							R zone 405.3 - 409.5	
S	1	1	1		411	13	6	C	S	12			8	10	1	18	15		
S	1	1	1		411	14	9	F	Z	Σ								S sym 409.5 - 414.9	
S	1	1	1		411	17	8	F	Z	Σ			8	17	1	18	15	Z sym 414.9 - 417.8	
S	1	1	1		412	12	7	C	S	12			7	10	1	18	15		
S	1	1	1		412	15	2	F	Z	Σ								S sym 417.8 - 425.2	
S	1	1	1		412	17	3	F	Z	Σ			5	19	1	18	15	Z sym 425.2 - 427.3	
S	1	1	1		413	12	3	F	Z	Σ			7	15	1	18	15	S sym 427.3 - 432.3	
S	1	1	1		413	16	9	F	Z	Σ			7	10	1	18	15	Z sym 432.3 - 436.9	
S	1	1	1		414	11	0	C	S	12			7	17	1	18	15		
S	1	1	1		414	13	9	F	R	S			8	16	1	18	15	S sym 436.9 - 446.8	
S	1	1	1		415	14	0				R			7	17	1	18	15	R zone 446.8 - 454.0
S	1	1	1		415	19	3	C	S	12			8	10	1	18	15		
S	1	1	1		416	15	4	C	S	12			8	10	1	18	15		
S	1	1	1		417	12	8	F	R	Σ								S sym 454.0 - 472.8	
S	1	1	1		417	14	1	F	Z	Σ								Z sym 472.8 - 474.1	
S	1	1	1		417	17	6	C	S	12			7	19	1	18	15		
S	1	1	1		418	11	3	F	Z	Σ								S sym 474.1 - 481.3	
S	1	1	1		418	12	7	F	Z	Σ			8	10	1	18	15	Z sym 481.3 - 482.7	
S	1	1	1		418	16	8	F	Z	Σ			8	17	1	18	15	S sym 482.7 - 486.8	
S	1	1	1		419	12	5	F	Z	Σ								Z sym 486.8 - 490.5	
S	1	1	1		419	12	0	F	Z	Σ			7	17	1	18	15	S sym 490.5 - 492.0	
S	1	1	1		419	17	8	F	Z	Σ			8	15	1	18	15	Z sym 492.0 - 497.8	
S	1	1	1		510	10	4	F	Z	Σ								S sym 497.8 - 500.4	
S	1	1	1		510	11	6	F	Z	Σ								M zone 500.4 - 501.6	
S	1	1	1		510	12	7	F	Z	Σ			8	11	1	18	15	S sym 501.6 - 502.7	
S	1	1	1		510	18	1	C	S	12			8	10	1	18	15		
S	1	1	1		511	15	7	F	Z	Σ			8	13	1	18	15	Z sym 502.7 - 515.7	
S	1	1	1		512	10	3	C	S	12			8	10	1	18	15		
S	1	1	1		512	14	1	F	Z	Σ								S sym 515.7 - 524.1	
S	1	1	1		512	14	8	F	Z	Σ			8	16	1	18	15	Z sym 524.1 - 524.8	
S	1	1	1		512	19	7	F	Z	Σ			8	10	1	18	15	S sym 524.8 - 529.7	
S	1	1	1		513	10	5	F	Z	Σ								Z sym 529.7 - 530.5	
S	1	1	1		513	13	0	F	Z	Σ								S sym 530.5 - 533.0	
S	1	1	1		513	15	0	F	Z	Σ			8	10	1	18	15	Z sym 533.0 - 535.0	

Structural Log

No.	From		To		Feature	SYF	S ₁		S ₂		Description	
	10	14	16	20			Dip	Direct.	Dip	Direct.		
	28	32	34	38								
S	10	14	16	20	22	24	26	28	32	34	38	
S					1514	10	CIS	12		619	118	15
S					1514	16	S	CIS	12	810	118	15
S					1515	13	S	CIS	12	711	118	15
S					1515	4	IFZ	Σ				S sym 535.0 - 554.5
S					1515	7	IFZ	Σ				Z sym 554.5 - 557.2
S					1516	12	IFZ	Σ		519	118	15
S					1516	12	IFZ	Σ		519	118	15
S					1516	18	4	CIS	12	714	118	15
S					1517	3	IFZ	Σ				Z sym 562.0 - 573.3
S					1517	14	4	CIS	12	719	118	15
S					1518	15	3	IFZ	Σ			S sym 573.5 - 585.3
S					1518	18	4	IFZ	Σ			Z sym 585.3 - 588.6
S					1519	14	2	CIS	12	716	118	15
S					1519	19	7	CIS	12	811	118	15
S					1610	14	3	IFZ	Σ			S sym 588.6 - 604.3
S					1610	16	4	IFZ	Σ	810	118	15
S					1610	18	3	IFZ	Σ			Z sym 604.3 - 606.4
S					1610	18	3	IFZ	Σ			S sym 606.4 - 608.3
S					1611	12	5	CIS	12	719	118	15
S					1611	19	7	IFZ	Σ			Z sym 608.3 - 619.7
S					1612	12	8	IFZ	Σ	811	118	15
S					1612	12	8	IFZ	Σ	811	118	15
S					1612	16	1	IFZ	Σ			S sym 619.7 - 622.8
S					1612	16	1	IFZ	Σ			Z sym 622.8 - 626.1
S					1612	19	7	CIS	12	815	118	15
S					1613	11	9	IFZ	Σ			S sym 626.1 - 631.9
S					1613	13	0	IFZ	Σ			Z sym 631.9 - 633.0
S					1613	15	3	IFZ	Σ	813	118	15
S					1613	15	3	IFZ	Σ	813	118	15
S					1613	19	9	IFZ	Σ	719	118	15
S					1613	19	9	IFZ	Σ	719	118	15
S					1614	15	2	CIS	12	813	118	15
S					1614	15	2	CIS	12	813	118	15
S					1615	16	9	IFZ	Σ			Fy folding
S					1615	16	9	IFZ	Σ			S sym 639.9 - 650.9
S					1615	17	3	CIS	12	811	118	15
S					1615	17	3	IFZ	Σ			Z sym 650.9 - 653.3
S					1615	17	4	CIS	12	810	118	15
S					1616	13	5	CIS	12	710	118	15
S					1616	18	2	CIS	12	417	118	15
S					1617	11	8	IFZ	Σ			S sym 653.3 - 671.8
S					1617	15	7	IFZ	Σ	613	118	15
S					1617	15	7	IFZ	Σ	613	118	15
S					1617	17	9	IFZ	Σ			Z sym 671.8 - 675.7
S					1617	17	9	IFZ	Σ			S sym 675.7 - 677.9
S					1618	12	6	IFZ	Σ	410	118	15
S					1618	12	6	IFZ	Σ	410	118	15

Structural Log

Code	From				To				Feature	SYE	S ₁		S ₂		Description
	10	14	16	20	22	24	26	28			32	34	38	Dip	
S			1618	165	172	S									S sym 682.6 - 686.5
S			1618	81	172	3				610	118	15			Z sym 686.5 - 688.1
S			1619	36	172	E				713	118	15			S sym 688.1 - 693.6
S			1710	100	C15	12				815	118	15			
S			1710	117	172	3									Z sym 693.6 - 701.7
S			1710	139	172	E									S sym 701.7 - 703.9
S			1710	162	C15	12				717	118	15			
S			1711	123	C15	R				810	118	15			
S			1711	188	C15	12				813	118	15			
S			1712	133	172	3				618	118	15			Z sym 703.9 - 723.3
S			1713	106	C15	12				712	118	15			
S			1713	167	C15	12				814	118	15			
S			1714	128	C15	12				518	118	15			
S			1714	174	172	E				614	118	15			S sym 723.3 - 747.4
S			1715	119	C15	12				815	118	15			
S			1715	186	172	3				417	118	15			Z sym 747.4 - 756.6
S			1716	144	C15	12				714	118	15			
S			1717	100	C15	12				714	118	15			
S			1717	163	C15	12				815	118	15			
S			1717	182	172	E									S sym 756.6 - 772.2
S			1717	197	172	3									Z sym 772.2 - 779.7
S			1718	152	172	E				813	118	15			S sym 779.7 - 785.2
S			1718	169	172	3									Z sym 785.2 - 793.9
S			1719	115	C15	12				813	118	15			
S			1719	130	172	E									S sym 786.9 - 793.0
S			1719	142	172	3									Z sym 793.0 - 794.2
S			1719	181	172	E				817	118	15			S sym 794.2 - 798.1
S			1810	100	172	3									Z sym 798.1 - 800.0
S			1810	137	C15	12				710	118	15			
S			1810	147	172	E									S sym 800.0 - 804.7
S			1810	171	172	3				814	118	15			Z sym 804.7 - 807.1
S			1810	182	172	E									S sym 807.1 - 808.2
S			1811	129	C15	12				819	118	15			
S			1811	179	C15	12				718	118	15			
S			1812	138	C15	12				714	118	15			
S			1813	108	C15	12				715	118	15			

DDH 29-X-12
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Cyprus Anvil Mining Corp.
Geochemical Log (Sam., er's Copy)

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Logged By: B.V.H
Sampled By: K.L.

3	From		To		Sample No.		Description	
	10	14	16	20	22	27		
P	17213	3	17214	4	1112101	0.6	4E1	0.6
P	17214	4	17215	6	1112102	0.6	4C4	0.6
P	17215	6	17217	0	1112103	2.0	4D4/4C4B	2.0
P	17217	6	17219	0	1112104	2.0	4C4B	1.6
P	17219	0	17310	0	1112105	1.0	4C4/4C0	1.0
P	17310	0	17312	3	1112106	2.0	4C4B	2.0
P	17312	3	17313	5	1112107	1.2	4C4B	1.2
P	17313	5	17315	0	1112108	1.5	4D0/4C4	1.5
P	17315	0	17316	1	1112109	1.1	4E879	1.1
P	17316	1	17317	3	1112110	1.2	4C4/4C1	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	17412	1	1112114	2.3	4C0	2.3
P	17412	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	4C0	0.8
P	17510	8	17511	4	1112121	0.6	4A0	0.6
P	17511	4	17513	4	1112122	2.0	4E8	1.8
D	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	4C4	1.0
P	17615	5	17616	2	1112127	0.7	4A0	0.7
P	17616	2	17617	2	1112128	1.0	4C4B	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

From	To	Sample No.	Description
172138	172144	1112101	0.6 4E1 0.6
172144	172150	1112102	0.6 4G4 0.6
172150	172170	1112103	2.0 4D4/4G4E 2.0
172170	172190	1112104	2.0 4G4E 1.6
172190	172100	1112105	1.0 4G4/4G0 1.0
173103	173123	1112106	2.0 X 4G4B 2.0
173123	173135	1112107	1.2 4G4B 1.2
173135	173150	1112108	1.5 4D4/4G4 1.5
173150	173161	1112109	1.1 4EB79 1.1
173161	173173	1112110	1.2 4G4/4G1 1.2
173173	173177	1112111	0.4 4F4 0.4
173177	173188	1112112	1.1 4K1 1.1
173188	173198	1112113	2.0 4C0 2.0
174108	174111	1112114	2.3 4C0 2.3
174111	174115	1112115	2.0 4C79 2.0
174115	174116	1112116	0.9 4C79 0.9
174116	174127	1112117	1.0 4C8 1.0
174127	174135	1112118	2.5 4A9 2.5
174135	175130	1112119	0.5 4E0 0.5
175130	175138	1112120	0.8 4D0 0.8
175138	175144	1112121	0.6 4A0 0.6
175144	175134	1112122	2.0 4EB 1.8
175134	175149	1112123	1.5 4EB 1.5
175136	175141	1112124	0.5 4A0 0.5
175141	175145	1112125	0.4 4E4 0.4
175145	175155	1112126	1.0 4G4 1.0
175155	175162	1112127	0.7 4A0 0.7
175162	175172	1112128	1.0 4G4B 1.0
175172	175193	1112129	2.1 4L4/4A0 2.1
175193	177118	1112130	2.6 4L7 2.6
177118	177211	1112131	0.3 4D4 0.3
177211	177321	1112132	1.1 4EB 1.1
183110	183120	1112133	2.0 4A0 2.0
183120	183130	1112134	2.0 4A0 2.0

79X-13

Core No	From	To	Unit	Code	Description
1	10 14 16	20 22 23	25 27		
L	125121	125140	37	S1D10	
L	125140	125177	38	S1B10	
L	125177	125188	39	S1D13	
L	125188	126133	40	S1B10	
L	126133	126148	41	S1D15	-S053
L	126148	127103	42	S1B10	
L	127103	127124	43	S1B16	
L	127124	127149	44	S1B17	-SB73
L	127149	127153	45	S1B17	-SB73 gouge zone
L	127153	127166	46	S1D15	-S053
L	127166	128109	47	S1B17	-SB73
L	128109	128130	48	S1B10	
L	128130	128135	49	S1B10	GOUGE ZONE
L	128135	129102	50	S1B10	
L	129102	129110	51	S1D13	
L	129110	129160	52	S1B17	-SB73
L	129160	1314137	53	S1B10	
L	1314137	1314144	54	S1D13	
L	1314144	1314176	55	S1B10	
L	1314176	1314182	56	S1D13	
L	1314182	1314193	57	S1B10	
L	1314193	131502	58	S1D13	
L	131502	1315199	59	S1B10	
L	1315199	1316105	60	S1B10	GOUGE ZONE
L	1316105	1316146	61	S1B10	
L	1316146	1316149	62	S1B10	GOUGE ZONE
L	1316149	1317153	63	S1B10	
L	1317153	1318131	64	S1B17	-SB73
L	1318131	1318150	65	S1B16	
L	1318150	1412174	66	S1B10	
L	1412174	142193	67	01D17	bt flakes matrix dark.
L	142193	143110	68	01D12	-0029 contact gradational and patchy
	111	111	1	11	of 0.4 m, plag phenocrysts altered to
	111	111	1	11	kaolinite, minor montmorillonite.
L	143110	1413125	69	01D19	
L	143125	1413136	70	01D17	-0072 contact gradational over 0.4 m

Code	From	To	Unit	Code	Description
	10 14	16 20	22 23	25 27	
L	14313 6	14413 8	7.1	01D19	
L	14413 8	14453 3	7.2	01D17	similar to unit 65, contact folioform.
L	14453 3	14513 4	7.3	S1B12	-SB23
L	14513 4	14513 7	7.4	S1D10	
L	14513 7	14610 9	7.5	S1B10	
L	14610 9	14611 7	7.6	S1B10	gouge zone.
L	14611 7	14639 9	7.7	S1B16	
L	14639 9	14617 9	7.8	S1B17	-SB73.
L	14617 9	14715 2	7.9	S1B10	
L	14715 2	14717 2	8.0	S1B17	-SB73
L	14717 2	14812 5	8.1	S1B10	
L	14812 5	14812 9	8.2	S1B10	zone of broken core
L	14812 9	15116 5	8.3	S1B10	
L	15116 5	15119 5	8.4	S1B16	
L	15119 5	15211 5	8.5	S1B17	-SB73
L	15211 5	15212 9	8.6	S1B10	
L	15212 9	15219 6	8.7	S1B16	
L	15219 6	15314 3	8.8	S1B17	-SB73
L	15314 3	15410 4	8.9	S1B10	
L	15410 4	15418 1	9.0	S1B16	
L	15418 1	15418 9	9.1	S1D13	minor interbeds of SB6
L	15418 9	15511 1	9.2	S1B10	
L	15511 1	15511 7	9.3	S1D13	
L	15511 7	15515 0	9.4	S1B10	
L	15515 0	15515 4	9.5	S1B10	Gouge and Broken Core
L	15515 4	15515 7	9.6	S1B10	
L	15515 7	15516 0	9.7	S1D13	
L	15516 0	16113 0	9.8	S1B10	
L	16113 0	16113 6	9.9	S1D13	
L	16113 6	16214 7	00	S1B10	
L	16214 7	16218 2	01	S1D13	
L	16218 2	16413 4	02	S1B10	
L	16413 4	16414 0	03	S1B12	-SB26
L	16414 0	16414 7	04	S1D13	
L	16414 7	16418 0	05	S1B12	-SB26
L	16418 0	16631 1	06	S1B10	

Code	From	To	Unit	Code	Description
	10 14	16 20	22 23	25 27	
L	161613	161614	5	417	51013
L	161614	161710	4	08	41416
L	161710	161711	6	09	51312 - 5B26
L	161711	161718	6	10	41410 very minor po.
L	161718	161812	0	11	51316
L	161812	161913	5	12	41410
L	161913	161913	9	13	51013
L	161913	161918	1	14	51316 faintly altered
L	161918	161919	3	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	170192	170112	2	16	51312 - 5B26
L	170112	170119	2	17	41416 faintly altered 5B6
L	170119	170103	7	18	51312 - 5B26
L	170103	170107	8	19	41416
L	170107	170190	0	20	41412 - 447249
					massive py at the hanging wall po-sph present in 0.1m bands toward the footwall, cpy in tension gashes
L	170190	171318	5	21	51013
L	171318	171510	3	22	51310
L	171510	171548	8	23	51019 → 5D93 po no dias ^m Hbls & folioform laminae
L	171548	171574	4	24	51317 → 5B93
L	171574	171590	0	25	51319 → ^{4L} 5B976 internal has 3 0.1-0.2M 4ED in 4E7 bands in 5B trying to make 4L
L	171590	171676	6	26	51310
L	171676	171681	1	27	0010
L	171681	171707	7	28	51316 dolomite
L	171707	171713	3	29	41410
L	171713	171725	5	30	41410 → 4K4; CO ₂ in laminae Hbls & patches < 4% comb
L	171725	171744	4	31	41416 → 44643; internal coarsened & oxidized w/ erratic distrib ⁿ of

Code	From	To	Unit	Code	Description			
1	10	14	16	20	22 23	25	27	
								white matrix Pb/ZnS stringers; not typical 426 class to 4243
L	17744	17747	312	4E10				
L	17747	17791	313	4G14	colorous 774.3 to 775.7M; > 10%			
L	17791	17796	314	4L4	w/ 4F4 not labeled; internal broken w/ ground conc.			
L	17796	17813	315	4G14				
L	17813	17860	316	4L0	w/ D ₂ go rocky blocks			
L	17860	17890	317	4G14				
L	17890	17910	318	4L10				
L	17910	17910	319	4G17				
L	17910	17910	40	4L10				
L	17910	17910	41	4G17				
L	17910	17910	42	4L10				
L	17910	17916	43	4H16	showing 4B $\frac{2}{1}$ in COO licia frags			
L	17916	17994	44	5B16				
L	17994	17998	45	4L17				
L	17998	18013	46	5B12	→ 5B24			
L	18013	18031	47	4L0				
L	18031	18034	48	5B16				
L	18034	18050	49	4E10				
L	18050	18056	50	4E10	licia w/ ganglionic matrix			
L	18056	18064	51	4A0	no PbS/ZnS			
L	18064	18066	52	5D16				
L	18066	18072	53	4A0	no PbS/ZnS			
L	18072	18078	54	5D16				
L	18078	18081	55	4A0				
L	18081	18091	56	4L17				
L	18091	18223	57	4L16	→ 5B627			
L	18223	18269	58	4L12	→ 4L27			
L	18269	18288	59	4L10				
L	18288	18311	60	4L10	→ 5B62			
L	18311	18312	61	4L17				
L	18312	18342	62	4L17	→ 4L0			
L	18342	18358	63	4L10				
L	18358	18367	64	5D13				
L	18367	18417	65	4L10	→ 5B672			

Code	From	To	Unit	Code	Description
1	10 14 16 20 22 23 25 27				
L	18417	18436	6	616 4145	→ 4459
L	18436	18468	6	617 4140	→ 5612
L	18468	18473	6	618 5113	
L	18473	18538	6	619 4140	→ 5662
L	18538	18549	7	710 01010	
L	18549	18556	7	711 5113	
L	18556	18566	7	712 4140	
L	18566	18577	7	713 5116	
L	18577	18610	7	714 4140	
L	18610	18611	7	715 5116	
L	18611	18652	7	716 5116	sectacular, w/ calcareous, heterotidular, poorly sorted branched framework bria w/ small, comminuted "fract" forming matrix; lower lt. gray porphyritic calcareous frags in bria; numerous types of sulfide-bearing rock types; clearly post D ₂ bria crudely foliaform to S ₂ at top & base of interval
L	18652	18679	7	717 5116	MgFe CO ₃ -bearing; frags when powdered in 10% HCL
L	18679	18681	7	718 5116	bria as unit 74; foliaform
L	18681	18696	7	719 4140	
L	18696	18699	8	810 5116	remnant not altered to 440 but in process
L	18699	18716	8	811 4140	
L	18716	18725	8	812 5116	" " " " " " " "
L	18725	18737	8	813 4140	→ 447
L	18737	18742	8	814 5116	bria as units 74 & 76; lower contact bria & markedly discordant to S ₂ ; upper " foliaform S ₂
L	18742	18746	8	815 4140	
L	18746	18751	8	816 5116	bria w/ calc frags, particularly lt. gray porphyry & sulfide "
L	18751	18755	8	817 4140	
L	18755	18765	8	818 5116	→ 440 in alt" process
L	18765	18766	8	819 5116	bria crudely S ₂ foliaform as 74, 76, 82
L	18766	18775	9	910 5116	non-calc. in 10% powdered
L	18775	18785	9	911 5116	bria, S ₂ foliaform
L	18785	18789	9	912 5116	
L	18789	18790	9	913 5116	bria = horiz & discordant to S ₁

Code	From	To	Unit	Code	Description
L	18790	18800	9.4	5B6	→ 4L0 in process of alt ⁿ
L	18800	18807	9.5	5B6	→ 4L0 Good
L	18807	18817	9.6	5B6	
L	18817	18820	9.7	5B6	brca as above
L	18820	18832	9.8	5B6	⇒ 4L0 being alt ^d
L	18832	18846	9.9	5B6	brca at 74 76 82 87 etc ≈ S ₂ foliaform
L	18846	18858	0.0	5D4	w/ prominent microfossils
L	18858	18863	0.1	5B6	brca as 97
L	18863	18869	0.2	5D4	→ 4L0 could be alt ^d 5D6
L	18869	18927	0.3	5B6	
L	18927	18930	0.4	5B6	brca in graph. matrix discord. to S, 50°/015
L	18930	18943	0.5	5B6	
L	18943	18951	0.6	4L9	
L	18951	18960	0.7	4A0	
L	18960	18962	0.8	4A0	brca crudely S ₂ foliaform
L	18962	18973	0.9	4A0	
L	18973	19018	1.0	5B6	brca as #74; upper contact 30/015, lower contact indeterminate
L	19018	19110	1.1	4L2	
L	19110	19112	1.2	5D3	
L	19112	19115	1.3	4L2	→ 4L2f
L	19115	19121	1.4	4C0	
L	19121	19134	1.5	4G0	→ 4G4
L	19134	19137	1.6	4G8	
L	19137	19142	1.7	4G0	
L	19142	19145	1.8	4G8	
L	19145	19256	1.9	5A0	
L	19256	19272	2.0	5A0	brca cf. #74 et al S ₂ foliaform
L	19272	19395	2.1	5B6	→ 5B62 to 5A0
L	19395	19405	2.2	5B6	brca ident #218
L	19405	19420	2.3	5B6	→ 5B62 to 5A0
L	19420	19422	2.4	4A0	
L	19422	19479	2.5	4L0	
L	19479	19483	2.6	4L0	brca ⇒ brca-tion process operates on all lithologies viz. 5B6, 5A0, 4L0
L	19483	19670	2.7	4L3	

Code	From				To				Feature	S ₁ Dip Direct.	S ₂ Dip Direct.		Description
	1	10	14	16	20	22	24	26			28	32	
S					1312	5	C1512				817	11815	
S					1318	4	C1512				616	11815	
S					1414	5	C1512				814	11815	
S					1510	6	C1512				812	11815	
S					1516	7	C1512				812	11815	
S					1612	5	C1512				816	11815	
S					1710	7	C1512				817	11815	
S					1718	8	C1512				716	11815	
S					1813	5	C1512				716	11815	
S					1819	6	C1512				811	11815	
S					1915	7	C1512				818	11815	
S					1101	18	C1512				717	11815	
S					1107	8	C1512				618	11815	
S					1117	14	C1512				810	11815	
S					11210	4	C1512				710	11815	
S					11216	5	C1512				716	11815	
S					11312	5	C1512				813	11815	
S					11318	7	C1512				810	11815	
S					11414	5	C1512				810	11815	
S					11511	2	C1512				812	11815	
S					11517	3	C1512				815	11815	
S					11613	4	C1512				719	11815	
S					11619	5	C1512				810	11815	
S					11715	8	C1512				812	11815	
S					11811	7	C1512				813	11815	
S					11818	1	C1512				619	11815	
S					11914	1	C1512				619	11815	
S					11919	9	C1512				910	11815	
S					12105	4	C1512				717	11815	
S					12111	8	C1512				715	11815	
S					12117	9	C1512				814	11815	
S					12214	3	C1512				711	11815	
S					12310	4	C1512				515	11815	
S					12316	5	C1512				613	11815	
S					12412	9	C1512				812	11815	
S					12419	0	C1512				713	11815	

Structural Log

Core No.	From		To		Feature	S/E	S ₁ Dip Direct.		S ₂ Dip Direct.		Description	
	10	14	16	20			22	24	26	28		32
S				1215	1	C1512			75	118	15	
S				1216	1	2 C1512			72	118	15	
S				1216	1	73 C1512			82	118	15	
S				1217	1	34 C1512			81	118	15	
S				1217	1	92 C1512			54	118	15	
S				1218	1	41 C1512			66	118	15	
S				1219	1	02 C1512			76	118	15	
S				1219	1	63 C1512			83	118	15	
S				1310	1	30 C1512			83	118	15	
S				1310	1	91 C1512			85	118	15	
S				1311	1	51 C1512			79	118	15	
S				1312	1	12 C1512			69	118	15	
S				1312	1	79 C1512			79	118	15	
S				1313	1	40 C1512			84	118	15	
S				1314	1	01 C1512			83	118	15	
S				1314	1	62 C1512			61	118	15	
S				1315	1	23 C1512			80	118	15	
S				1315	1	84 C1512			86	118	15	
S				1316	1	39 C1512			90	118	15	
S				1317	1	00 C1512			79	118	15	
S				1317	1	61 C1512			86	118	15	
S				1318	1	22 C1512			79	118	15	
S				1318	1	86 C1512			85	118	15	
S				1319	1	47 C1512			80	118	15	
S				1410	1	11 C1512			85	118	15	
S				1410	1	71 C1512			79	118	15	
S				1411	1	33 C1512			85	118	15	
S				1411	1	94 C1512			82	118	15	
S				1412	1	55 C1512			70	118	15	Dyke 427.4 - 445.3
S				1414	1	68 C1512	1		87	118	15	
S				1415	1	29 C1512			75	118	15	
S				1415	1	87 C1512			64	118	15	
S				1416	1	39 C1512			81	118	15	
S				1417	1	03 C1512			80	118	15	
S				1417	1	64 C1512			83	118	15	
S				1418	1	25 C1512			83	118	15	

DDH $\frac{29-13}{2}$ $\frac{8}{8}$

Cyprus Anvil Mining Corp.

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Structural Log

Logged By: B v H

Core No.	From			To			Feature S ₁ S ₂	S ₁ Dip Direct.		S ₂ Dip Direct.		Description		
	10	14	16	20	22	24		26	28	32	34		38	
S				1418	19	5	C5	2		8	4	18	5	
S				1419	5	6	C5	2		7	10	1	8	5
S				1510	1	7	C5	2		7	14	1	8	5
S				1510	1	7	C5	2		7	18	1	8	5
S				1511	3	9	C5	2		8	1	1	8	5
S				1512	0	0	C5	2		8	5	1	8	5
S				1512	6	1	C5	2		6	19	1	8	5
S				1513	2	2	C5	2		8	3	1	8	5
S				1513	8	3	C5	2		7	13	1	8	5
S				1514	4	4	C5	2		7	19	1	8	5
S				1515	0	4	C5	2		8	2	1	8	5
S				1515	6	5	C5	2		8	1	1	8	5
S				1516	2	8	C5	2		9	0	1	8	5
S				1516	6	9	C5	2		8	1	1	8	5
S				1517	6	0	C5	2		7	9	1	8	5
S				1518	2	4	C5	2		7	6	1	8	5
S				1518	8	8	C5	2		8	2	1	8	5
S				1519	4	9	C5	2		7	5	1	8	5
S				1601	0	0	C5	2		8	4	1	8	5
S				1601	7	1	C5	2		7	3	1	8	5
S				1611	3	5	C5	2		8	1	1	8	5
S				1611	9	6	C5	2		7	6	1	8	5
S				1621	6	6	C5	2		9	0	1	8	5
S				1631	2	7	C5	2		8	1	1	8	5
S				1631	8	8	C5	2		8	6	1	8	5
S				1641	4	9	C5	2		7	3	1	8	5
S				1651	1	0	C5	2		7	0	1	8	5
S				1651	6	2	C5	2		8	1	1	8	5
S				1661	2	3	C5	2		6	3	1	8	5
S				1661	8	4	C5	2		8	3	1	8	5
S				1671	4	2	C5	2		8	6	1	8	5
S				1681	0	3	C5	2		8	0	1	8	5
S				1681	6	4	C5	2		8	7	1	8	5
S				1691	2	8	C5	2		8	3	1	8	5
S				1691	8	9	C5	2		7	7	1	8	5
S				1701	4	1	C5	2		4	9	1	8	5

Structural Log

Elev. (m)	From		To		Feature	Elev. (m)	S ₁ Dip Direct.		S ₂ Dip Direct.		Description
	10	14	16	20			22	24	26	28	
S				7,093	LS ₂				6,7	1,8,5	
S				7,150	LS ₂				8,7	1,8,5	
S				7,211	LS ₂				7,5	1,8,5	
S				7,271	CS ₂				7,4	1,8,5	
S				7,334	CS ₂				9,0	1,8,5	
S				7,391	CS ₂				5,3	1,8,5	
S				7,457	CS ₂				8,0	1,8,5	
S				7,523	CS ₂				7,0	1,8,5	
S				7,580	CS ₂				8,3	1,8,5	
S				7,650	CS ₂				7,3	1,8,5	
S				7,713	CS ₂				5,4	1,8,5	
S				7,744	CS ₂				5,4	1,8,5	
S				7,760	CS ₂				5,8	1,8,5	
S				7,798	CS ₂				5,8	1,8,5	
S				7,813	CS ₂				5,2	1,8,5	
S				7,845	CS ₂				6,2	1,8,5	
S				7,860	CS ₂				5,7	1,8,5	
S				7,883	CS ₂				6,8	1,8,5	
S				7,897	CS ₂				6,2	1,8,5	
S				7,907	CS ₂				3,8	1,8,5	
S				7,934	CS ₂				5,5	1,8,5	
S				7,983	CS ₂				5,5	1,8,5	
S				8,058	CS ₂				7,3	1,8,5	
S				8,103	CS ₂				7,8	1,8,5	
S				8,165	CS ₂				8,0	1,8,5	
S				8,279	CS ₂				7,8	1,8,5	
S				8,274	CS ₂				8,6	1,8,5	
S				8,342	CS ₂				8,4	1,8,5	
S				8,400	CS ₂				8,3	1,8,5	
S				8,457	CS ₂				8,4	1,8,5	
S				8,517	CS ₂				8,2	1,8,5	
S				8,572	CS ₂				8,1	1,8,5	
S				8,654	CS ₂				8,3	1,8,5	
S				8,724	CS ₂				7,2	1,8,5	
S				8,797	CS ₂				7,9	1,8,5	
S				8,849	CS ₂				8,0	1,8,5	

79x-14

Lithologic Log

Code	From		To		Unit		Code	Description
	10	14	16	20	22	25		
L	11000		11176		11		F1	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	1386		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		121053		211		S1B17	-SB73
L	121053		121069		212		S1D13	
L	121069		121103		213		S1B17	-SB73
L	121103		12463		214		S1B10	
L	12463		12468		215		S1D13	
L	12468		131065		216		S1B17	SB73
L	131065		131067		217		01D19	
L	131067		131086		218		01D17	-0072
L	131086		131116		219		01D19	-0092 faintly altered to montmorillonite, only the plagioclase phenocrysts have been affected
L	131116		131122		310		01D12	patchy alteration to kaolinite/montmorillonite
L	131122		131176		311		01D12	-0029 contact with unit 30 granodiorite and patchy over 93 m, heavily altered, matrix altered
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	131616	314	51B17	-5B73
L	131616	131815	315	51B10	
L	131815	131815	316	51B10	zone of post F ₂ breccia.
L	131815	140166	317	51B10	
L	140166	140192	318	51B16	
L	140192	142168	319	51B10	
L	142168	141312	410	51B16	
L	141312	141312	411	51B10	
L	141312	141416	412	51B16	
L	141416	141416	413	51B16	post-D ₂ platform breccia
L	141416	141417	414	51B16	
L	141417	141419	415	51B16	zone of post D ₂ breccia & OOO development
L	141419	141517	416	51B16	
L	141517	141618	417	51B16	Solomitic i.e. reaction w/ 10% HCl
L	141618	141618	418	51D14	H buff green, non-calc muscovite-chlor. pluff; looks like unit 5D6, minor po blbs & stungers, no mariposites
L	141618	141619	419	51B16	→ 5B26; gray, contorted & broken over interval; zone foliaform w/ S ₂
L	141619	141707	510	51B16	→ 5B62 breccia w/ Zuber clasts in m. dk. gray matrix - poorly sorted framework breccia
L	141707	141715	511	51D14	breccia; lt. greenish gray buff, heterolithic framework breccia w/ minor mariposites
L	141715	141719	512	51D14	altered, lt. buff green, calc. mariposite-bearing tufts
L	141719	148116	513	51B16	w/ lg. OOO pods/sucats
L	148116	148119	514	51B16	breccia or unit 50
L	148119	148171	515	51B16	Solomitic; reaction w/ 10% HCl
L	148171	149110	516	51D14	→ 5D46; no mariposites, non-calc; buff green muscovite-chlor. tufts
L	149110	149181	517	51D13	
L	149181	150112	518	51B10	
L	150112	151185	519	51D13	
L	151185	152164	610	51C13	heavily chlor mottled, shunned 5C or 5D?
L	152164	153105	611	51D13	
L	153105	155178	612	51B10	
L	155178	156188	613	51B16	Fe-Mg CO ₃ -bearing; fizzes when powdered in 10% HCl

Lithologic Log

Code	From	To	Unit	Code	Description
1	10	14	16	20	22 23 25 27
L	151688	151770	614	5B16	Fe ₁₁ CO ₂ or 63 wt 30-40% CO ₂ content
L	151770	151797	615	5B16	" or 63 wt 10-20% "
L	151797	151812	616	5B16	look for ore & gauge foliation to S, over interval
L	151812	151843	617	5B16	
L	151843	151846	618	5D11	manganese-bearing or zinc units
L	151846	161026	619	5B16	Fe ₁₁ CO ₂ bearing or 63-65
L	161026	161050	710	5B10	→ 5B103; 25% 5D3 over interval
L	161050	161091	711	5B16	Fe ₁₁ CO ₂ bearing; forms when oxidized in 10% HCl
L	161091	161217	712	5B10	
L	161217	161221	713	5D13	
L	161221	161635	714	5B10	
L	161635	161655	715	5B10	gauge & ODD suits // S ₂ over interval
L	161655	161738	716	5B10	
L	161738	161788	717	5B12	→ 5B26
L	161788	161850	718	5B12	→ 5B296 for Mn & strungers throughout
L	161850	161863	719	4L10	
L	161863	161886	810	4C18	→ 4686 local BaSO ₄ 0.1-0.4 M thick w/ Fe ₂ O ₃ cement
L	161886	161890	811	4L10	
L	161890	161898	812	4C12	→ 4C28
L	161898	161906	813	4L10	
L	161906	161980	814	5B12	→ 5B23
L	161980	17025	815	4L16	→ 4L675
L	17025	17041	816	4L10	
L	17041	17057	817	4C17	
L	17057	17062	818	4A10	shitty! v. minor sulfs & alkly gangue
L	17062	17064	819	4L17	→ 4L72
L	17064	17125	910	4G18	w/ some base metal sulfides < 8% at best
L	17125	17130	911	4L17	→ 4L72
L	17130	17143	912	4A10	v. minor py - no ZnS/PbS
L	17143	17155	913	4L12	→ 4L27
L	17155	17205	914	4G18	w/ modest ZnS/PbS, some high grade 10%+
L	17205	17208	915	4E10	
L	17208	17239	916	4A10	low ZnS/PbS < 2% comb.
					N.B. Interval 704.1 - 723.9 ≈ 20M appears to be DY horizon 5 composed of 2 exhalative cycles
					4A → 4G underlain by 4L from 723.9 to 776.5M

Horizon 5

Lithologic Log

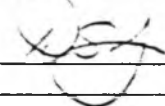
No	From		To		Unit	Code	Description
	10	14	16	20	22 23	25 27	
L	7239		7341		97	4L10	
L	7341		7349		98	4L12	
L	7349		7420		99	4L17	
L	7420		7423		0.0	4L14	→ 4L42
L	7423		7439		0.1	4L12	
L	7439		7528		0.2	4L16	→ 4L627
L	7528		7566		0.3	4L12	
L	7566		7571		0.4	5D13	
L	7571		7577		0.5	4L12	
L	7577		7578		0.6	5D13	
L	7578		7667		0.7	4L12	→ 4L27
L	7667		7708		0.8	4L16	→ 4L67
L	7708		7765		0.9	4L10	→ 4L7
L	7765		7809		1.0	5E7	→ 5E76
L	7809		7877		1.1	4L10	
L	7877		7883		1.2	4C10	< 5% comb.
L	7883		7888		1.3	4E10	< 2% "
L	7888		7891		1.4	4G14	> 10%
L	7891		7910		1.5	4E10	→ 4E5 only minor buff CO ₃ ⁻ (Fe Mg)
L	7910		7916		1.6	4D14	→ 4D46 5-7%?
L	7916		7921		1.7	4G10	mainly pyritic, little PbS/ZnS
L	7921		7927		1.8	4D16	
L	7927		7942		1.9	4E14	
L	7942		7945		2.0	4G10	
L	7945		7957		2.1	4E14	
L	7957		7961		2.2	4H12	
L	7961		8046		2.3	4K14	- 4K41 5-6%??
L	8046		8051		2.4	4G14	> 10%
L	8051		8087		2.5	4K14	→ 4K41 3-5%??
L	8087		8091		2.6	4G14	> 10%
L	8091		8115		2.7	5D13	attend to 4L65/504
L	8115		8124		2.8	4G14	> 14%
L	8124		8143		2.9	4E14	- 4E41
L	8143		8156		3.0	4A10	
L	8156		8193		3.1	4C10	
L	8193		8218		3.2	4A10	garbage!

DDH $\frac{= 0 \times . 14}{2} \quad 8$

Cyprus Anvil Mining Corp.

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Lithologic Log

Logged By: 

Depth	From		To		Unit	Code	Description
	10	14	16	20	22	23	
L	1821	18	1822	25	33	4B14	7107 ₀
L	1822	5	1824	8	34	4A10	SFA 3-47 ₀
L	1824	8	1828	5	35	5B16	
L	1828	5	1830	7	36	7146	-4467 faintly altered SB6
L	1830	7	1835	6	37	5B16	
L	1835	6	1836	3	38	4L17	
L	1836	3	1838	7	39	5B16	
L	1838	7	1840	1	40	4L16	
L	1840	1	1841	3	41	4K17	sericitic bands
L	1841	3	1847	6	42	4L16	
L	1847	6	1848	0	43	4L13	minor banded po
L	1848	0	1854	5	44	4L16	
L	1854	5	1856	3	45	4L14	2 cm bands of sph and po surrounded by a sericitic envelope.
L	1856	3	1856	8	46	4E10	minor bands of sph.
L	1856	8	1857	7	47	4E17	-4E7B4 bands of po up to 5 cm wide, small bands of mag ~ 1 cm wide (bandaged).
L	1857	7	1857	9	48	4L10	footwall gradational to SA.
L	1857	9	1883	6	49	5A19	po mainly, some banded associated with qtz
L	1883	6	1889	6	50	5B12	-SB23
L	1889	6	1901	2	51	5A13	
L	1901	2	1901	3	52	4A10	
L	1901	3	1901	4	53	4A17	-4A79
L	1901	4	1901	5	54	4C17	
L	1901	5	1901	6	55	4A17	
L	1901	6	1901	8	56	4A10	
L	1901	8	1901	9	57	5A19	
L	1901	9	1911	3	58	5A10	
L	1911	3	1911	6	59	4A10	
L	1911	6	1911	9	60	5A19	-SA93 minor py associated with qtz
L	1911	9	1921	7	61	5A10	
L	1921	7	1921	9	62	4H14	-4H49 CaCO ₃ in matrix
L	1921	9	1921	9	63	4L11	-4L17
L	1921	9	1955	5	64	3K10	END OF HOLE

Structural Log

Core	From				To				Feature	E S	S ₁		S ₂		Description
	10	14	16	20	22	24	26	28			Dip	Direct.	Dip	Direct.	
S				17	6	C/S	2				8	10	18	5	0/B no core
S				21	6	F	2	3							Z sym 17.6 - 21.6 m.
S				21	6	F	2	Σ			6	17	18	5	S sym 21.6 - 26.3 m
S				31	0	F	2	3			6	16	18	5	Z sym 26.3 - 31.0 m
S				31	5	C/S	2				4	15	18	5	
S				39	6	F	2	Σ			8	11	18	5	S sym 31.0 - 39.6 m.
S				42	3	F	2	3							Z sym 39.6 - 42.3 m
S				44	2	C/S	2				7	17	18	5	
S				52	4	F	2	Σ			8	13	18	5	S sym 42.3 - 52.4
S				56	6	C/S	2				7	13	18	5	
S				59	0	F	2	3							Z sym 52.4 - 59.0
S				62	8	C/S	2				8	15	18	5	
S				69	0	C/S	2				8	15	18	5	
S				74	6	C/S	2				7	17	18	5	
S				81	6	C/S	2				7	11	18	5	No symmetry determinations after this point.
S				87	5	C/S	2				7	15	18	5	
S				93	6	C/S	2				8	13	18	5	
S				98	8	C/S	2				6	14	18	5	
S				102	9	C/S	2				8	11	18	5	
S				108	8	C/S	2				8	14	18	5	
S				114	9	C/S	2				8	15	18	5	
S				121	0	C/S	2				8	14	18	5	
S				127	1	C/S	2				6	18	18	5	
S				132	6	C/S	2				7	12	18	5	
S				138	8	C/S	2				8	14	18	5	
S				145	4	C/S	2				8	12	18	5	
S				151	5	C/S	2				8	10	18	5	
S				157	6	C/S	2				8	11	18	5	
S				163	7	C/S	2				7	14	18	5	
S				169	8	C/S	2				8	14	18	5	
S				175	9	C/S	2				7	19	18	5	
S				182	0	C/S	2				8	15	18	5	
S				188	1	C/S	2				7	19	18	5	
S				194	2	C/S	2				8	15	18	5	
S				201	2	C/S	2				7	0	18	5	

Code	From		To		Feature	S.F.E.	S ₁		S ₂		Description	
	10	14	16	20			Dip	Direct	Dip	Direct		
1	10	14	16	20	22	24	26	28	32	34	38	
S			210	163	C1512					818	11815	
S			211	124	C1512					810	11815	
S			211	185	C1512					815	11815	
S			222	46	C1512					814	11815	
S			213	107	C1512					815	11815	
S			213	199	C1512					811	11815	
S			214	168	C1512					816	11815	
S			215	121	C1512					814	11815	
S			215	182	C1512					814	11815	
S			216	143	C1512					813	11815	
S			217	163	C1512					810	11815	
S			217	164	C1512					810	11815	
S			218	125	C1512					815	11815	
S			218	186	C1512					812	11815	
S			219	147	C1512					815	11815	
S			310	108	C1512					718	11815	
S			310	165	C1512					615	11815	Dyke 306.5 - 319.9
S			312	122	C1512					718	11815	
S			312	183	C1512					615	11815	
S			313	144	C1512					811	11815	
S			314	104	C1512					910	11815	
S			314	165	C1512					719	11815	
S			315	126	C1512					718	11815	
S			315	187	C1512					810	11815	
S			316	148	C1512					814	11815	
S			317	109	C1512					815	11815	
S			317	174	C1512					717	11815	
S			318	124	C1512					718	11815	
S			318	186	C1512					811	11815	
S			319	147	C1512					711	11815	
S			400	109	C1512					810	11815	
S			400	180	C1512					816	11815	
S			411	136	C1512					812	11815	
S			411	197	C1512					716	11815	
S			412	159	C1512					719	11815	
S			431	19	C1512					717	11815	

Structural Log

Elev m	From		To		Feature	Elev m	S ₁ Dip Direct.		S ₂ Dip Direct.		Description
	10	14	16	20			22	24	26	28	
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	

Structural Log

Code	From				To				Feature	S/E	S ₁		S ₂		Description
	1	10	14	16	20	22	24	26			28	32	34	38	
S					1615	93	C/S	R			8.3	18.5			
S					166	53	C/S	R			5.7	18.5			
S					167	17	C/S	12			5.3	18.5			
S					167	72	C/S	12			7.6	18.5			
S					168	33	C/S	12			7.2	18.5			
S					168	94	C/S	R			8.4	18.5			
S					169	58	C/S	12			8.5	18.5			
S					170	19	C/S	R			8.1	18.5			
S					170	77	C/S	12			8.2	18.5			
S					171	138	C/S	R			8.0	18.5			
S					171	199	C/S	12			5.9	18.5			
S					172	45	C/S	12			8.1	18.5			
S					173	06	C/S	R			8.3	18.5			
S					173	67	C/S	12			8.4	18.5			
S					174	28	C/S	12			7.6	18.5			
S					174	89	C/S	12			8.2	18.5			
S					175	50	C/S	12			7.5	18.5			
S					176	11	C/S	R			8.6	18.5			
S					176	71	C/S	12			7.6	18.5			
S					177	32	C/S	R			7.9	18.5			
S					177	90	C/S	12			6.7	18.5			
S					178	55	C/S	R			6.1	18.5			
S					179	12	C/S	12			6.4	18.5			
S					179	73	C/S	12			7.5	18.5			
S					180	37	C/S	12			7.0	18.5			
S					180	98	C/S	12			7.4	18.5			
S					181	59	C/S	R			7.7	18.5			
S					182	08	C/S	12			7.3	18.5			
S					182	63	C/S	12			7.8	18.5			
S					183	24	C/S	12			8.9	18.5			
S					183	85	C/S	12			5.7	18.5			
S					184	30	C/S	12			6.7	18.5			
S					184	94	C/S	12			8.3	18.5			
S					185	55	C/S	12			8.4	18.5			
S					186	16	C/S	12			7.3	18.5			
S					186	77	C/S	12			8.3	18.5			

Core No.	From	To	Sample No.	Description
1	10 14 16 20 22 27			
P	1618163	1618186	3101616	2.3 4C8
P	1618186	1618190		0.4 4L0
P	1618190	1618198		0.8 4C28
P	1618198	1619106		6.8 4L0
P	170141	17057		1.6 4C7
P	1710157	1710164		0.5 4A0 / 4L72
P	1710164	1710184		2.0 4G8
P	1710184	171104		2.0 4C8
P	171104	171125		2.1 4G8 / 4C8
P	171125	171130		0.5 4L72
P	171130	171143		1.3 4A0
P	171143	171155		1.2 4L27
P	171155	171175		2.0 4G8
P	171175	171195		2.0 4C8
P	171195	172105		1.0 4C8
P	172105	172108		0.3 4EC
P	172108	172122		1.4 4A0
P	172122	172139		1.7 4A0
→ P	172139	172141		0.8 4C2
P	174120	174139		1.9 4L42 / 4L2
P	174139	174159		2.0 4L627
P	174159	174179		2.0 4L627
P	174179	174199		2.0 4L627
→ P	178177	178183		0.6 4C0
P	178183	178188		0.5 4E0
P	178188	178191		0.3 4C4 1570
P	178191	179103		1.2 4E0
P	179103	179116		1.3 4D46
P	179116	179121		0.5 4C0
P	179121	179127		0.6 4D6
P	179127	179142		1.5 4E4
P	179142	179145		2.3 4C0
P	179145	179157		1.3 4E4
P	179157	179161		0.4 4H2
P	179161	179181	31107	2.0 4K41

App	From	To	Sample No.	Description
	10 14 16 20	22 27		
P	181018	181010	31133	2.0 4K41
P	181010	181012		2.0 4K41
P	181012	181014		2.0 4K41
P	181014	181016		0.6 4K41
P	181016	181015		0.5 4C4
P	181015	181017		2.0 4K41
P	181017	181018		1.6 4K41
P	181018	181019		0.4 4C4
P	181019	181115		2.4 5D3
P	181115	181124		0.9 4C4
P	181124	181143		1.9 4E41
P	181143	181156		1.3 4A0
P	181156	181176		2.0 4C0
P	181176	181193		1.7 4C0
P	181193	182118		2.5 4A0
P	182118	182125		0.7 4G4
P	182125	182148		2.3 4A0
P	181514	181516	31130	1.8 4L4
P	181516	181518		0.6 4E0
P	181518	181517		0.9 4E7B4
P	191012	191013	31133	1.5 4A0
P	191013	191014		0.3 4A79
P	191014	191015		0.8 4C7
P	191015	191015		0.6 4A7
P	191015	191017		2.0 4A0
P	191017	191018		1.2 4A0
P	191113	191115	31159	2.0 4A0
P	191115	191116	31160	1.2 4A0
L	191217	191219	31161	1.1 4H49
L	191219	191219	31162	0.7 4L17

3	From		To		Sample No.		Description
	10	14	18	22	26	30	
P	161816	3	161818	6	1310616	2.3	4C8
P	161818	6	161819	0	1310617	0.4	4L0
P	161819	0	161819	8	1310618	0.8	4C28
P	161819	8	161910	5	1310619	6.8	4L0
	111		111		11111		
P	17014	1	17015	7	1310710	1.6	4C7
P	17015	7	17016	4	1310711	0.5 X	4A0 / 4L72
P	17016	4	17018	4	1310712	2.0	4G8
P	17018	4	171110	4	1310713	2.0	4G8
P	17110	4	17112	5	1310714	2.1	4G8 / 4C8
P	17112	5	17113	0	1310715	0.5	4L72
P	17113	0	17114	3	1310716	1.3	4A0
P	17114	3	17115	5	1310717	1.2	4L27
P	17115	5	17117	5	1310718	2.0	4G8
P	17117	5	17119	5	1310719	2.0	4C8
P	17119	5	17210	5	1310810	1.0	4G8
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	17214	9	1310814	0.8	4C2
P	17214	9	17215	9	1310815	1.9	4L42 / 4L2
P	17215	9	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	2	1310910	0.5	4E0
P	17218	2	17219	1	1310911	0.2	4C4
P	17219	1	17219	3	1310912	1.2	4E0
P	17219	3	17219	6	1310913	1.3	4D46
P	17219	6	17219	1	1310914	0.5	4C0
P	17219	1	17219	2	1310915	0.6	4D6
P	17219	2	17219	2	1310916	1.5	4E4
P	17219	2	17219	5	1310917	2.3 X	4C0
P	17219	5	17219	7	1310918	1.3 X	4E4
P	17219	7	17219	1	1310919	0.4	4H2
	296		295		3105	2.0	4C0

S	From		To		Sample No.		Description
	10	14	19	20	22	27	
P	17918	1	181010	1	131/313	2.0	4K41
P	181010	1	181012	1	131/314	2.0	4K41
P	181012	1	181014	1	131/315	2.0	4K41
P	181014	1	181014	6	131/316	0.6 X	4K41
P	181014	6	181015	1	131/317	0.5	4G4
P	181015	1	181017	1	131/318	2.0	4K41
P	181017	1	181018	7	131/319	1.6	4K41
P	181018	7	181019	1	131/410	0.4	4G4
P	181019	1	181111	5	131/411	2.4	5D3
P	181111	5	181112	4	131/412	0.9	4G4
P	181112	4	181114	3	131/413	1.9	4E41
P	181114	3	181115	6	131/414	1.3	4A0
P	181115	6	181117	6	131/415	2.0	4C0
P	181117	6	181119	3	131/416	1.7	4C0
P	181119	3	181211	3	131/417	2.5	4A0
P	181211	3	181212	5	131/418	0.7	4G4
P	181212	5	181214	8	131/419	2.3	4A0
	111		111		11111		
P	181514	5	181516	3	131/510	1.8	4L4
P	181516	3	181516	8	131/511	0.6 K	4E0
P	181516	8	181517	7	131/512	0.9	4E784
	111		111		11111		
P	191012	10	191013	10	131/513	1.5	4A0
P	191013	9	191014	2	131/514	0.3	4A79
P	191014	2	191015	0	131/515	0.8	4C7
P	191015	0	191016	6	131/516	0.6	4A7
P	191016	6	191017	6	131/517	2.0	4A0
P	191017	6	191018	9	131/518	1.2 X	4A0
	111		111		11111		
P	191113	4	191115	4	131/519	2.0	4A0
P	191115	4	191116	6	131/610	1.2	4A0
	111		111		11111		
L	191217	9	191219	0	131/611	1.1	4H49
L	191219	0	191219	7	131/612	0.7	4L17
	111		111		11111		

79X-15

Code	From	To	Unit	Code	Description
	10 14	16 20	22 23	25 27	
L	11 15 0	12 24	1	#	O/E
L	12 24	15 2	2	5B10	
L	15 2	16 2	3	5D13	
L	16 2	16 9	4	5B7 → 5B73	
L	16 8 9	17 2	5	5D13	
L	17 2 2	18 5 0	6	5B10	
L	18 5 0	18 6 8	7	5D13	
L	18 6 8	19 5 4	8	5B7 → 5B73	
L	19 5 4	10 7 1	9	5D13	
L	10 7 1	10 8 2	10	5C13	
L	10 8 2	10 9 7	11	5D13	
L	10 9 7	11 2 7	12	5C13	normal calc. metaterrite w/ wk. schist ign. text.
L	11 2 7	11 9 2	13	5C16	v. mafic to UM content w/ minor crysotile; schist appearance
L	11 9 2	11 10 4	14	5C16	v. finely illite, no schist ign. text.
L	12 10 4	12 5 9	15	5D13	
L	12 5 9	12 7 2	16	5C16	w/ typical color & texture
L	12 7 2	12 9 5	17	5D16	
L	12 9 5	13 3 9	18	5C16	as unit 16
L	13 3 9	13 5 6	19	5B10	contacted, fractured w/ gouge @ base of interval
L	13 5 6	13 7 0	20	5D16	broken core & minor gouge over interval
L	13 7 0	14 0 2	21	5C16	subtle only, all core broken & local w/ fault gouge
					interval 1339-140.2 seems to be a major fault zone (possibly related to Blind Crk fault)
L	14 0 2	14 2 3	22	5C16	w/ normal color & schist ign. text.
L	14 2 3	14 4 1	23	5D16	
L	14 4 1	14 8 0	24	5D13	
L	14 8 0	15 4 3	25	5B7 → 5B73	grading into 5B10 locally
L	15 4 3	15 5 5	26	5D13	
L	15 5 5	16 1 6	27	5B7 → 5B73	
L	16 1 6	17 4 2	28	5B2 → 5B23	
L	17 4 2	20 3 0	29	5B10	
L	20 3 0	20 6 3	30	5B10	gouge & broken core; no other features on gouge post
L	20 6 3	24 3 8	31	5B10	
L	24 3 8	24 4 8	32	5B10	brca crudely foliaform to S ₂
L	24 4 8	26 6 1	33	5B10	
L	26 6 1	27 5 4	34	5D13	

Lithologic Log

Code	From	To	Unit	Code	Description
	10 14 16 20 22 23 25 27				
L	12754	12922	2 35	51B7	→ 5B73
L	12922	12992	2 36	51B0	
L	12992	13024	4 37	51B0	broken & ground core < .5M recovery
L	13024	13028	8 38	01B0	res. D ₂ foliated, linear + line but porphyritic dike or sill; no preserved contacts
L	13028	13032	2 39	51B6	breccia; lower contact 30°/100-110
L	13032	13075	40	51B0	
L	13075	13081	41	51D3	
L	13081	13107	42	51B7	→ 5B73
L	13107	13115	43	51D3	
L	13115	13131	44	51B7	→ 5B73
L	13131	13138	45	51D3	
L	13138	13176	46	51B7	→ 5B73
L	13176	13419	47	51B0	
L	13419	13660	48	51B0	fault zone; broken core & gouge over interval 10M recovered over interval; no attitudes pass
L	13660	13791	49	51B0	
L	13791	13805	50	51B0	fault zone; broken core & gouge; no attitudes pass
L	13805	13816	2 51	51B0	
L	13816	14243	3 52	51B0	horrendous fault zone — wrench conjugate to Blind Cr fault; max. of 13M recovery — 10.5' mostly rubble & gouge
L	14243	14610	53	51B6	continuation of above fault zone; < 2M recovered over 37M interval; lower contact 40°/275°
L	14610	14642	54	51B0	
L	14642	14658	55	51B7	→ 5B73
L	14658	14763	56	51B0	
L	14763	14770	57	41L0	→ 4L7
L	14770	14807	58	41K8	core buff CO ₃ patches toward base of interval foliated (S ₂) Fe ₃ O ₄ stringers toward top < 5-6%
L	14807	14816	6	59 41G.E	
L	14816	14827	60	41K0	
L	14827	14830	61	51D.G	
L	14830	14837	62	41K0	
L	14837	14848	63	41C0	
L	14848	14889	64	41C8	

Structural Log

Code	From				To				Feature	S.E.	S ₁		S ₂		Description
	10	14	16	20	22	24	26	28			Dip	Direct.	Dip	Direct.	
					21	24									O/B No core
S					21	24		C ₅ ,2				7.6	18.5		
S					29	0		C ₅ ,2				6.3	18.5		
S					35	7		C ₅ ,2				6.0	18.5		
S					39	9		C ₅ ,2				7.1	18.5		
S					47	9		C ₅ ,2				7.2	18.5		
S					54	0		C ₅ ,2				6.9	18.5		
S					60	7		C ₅ ,2				7.1	18.5		
S					64	9		C ₅ ,2				6.9	18.5		
S					69	8		C ₅ ,2				5.7	18.5		
S					77	1		C ₅ ,2				8.3	18.5		
S					83	8		C ₅ ,2				7.5	18.5		
S					90	2		C ₅ ,2				6.8	18.5		
S					96	3		C ₅ ,2				6.4	18.5		
S					102	7		C ₅ ,2				5.1	18.5		
S					109	4		C ₅ ,2				5.4	18.5		
S					115	5		C ₅ ,2				8.8	18.5		
S					121	0		C ₅ ,2				4.4	18.5		
S					128	3		C ₅ ,2				3.3	18.5		
S					135	6		C ₅ ,2				5.7	18.5		
S					142	0		C ₅ ,2				5.5	18.5		
S					145	4		C ₅ ,2				8.7	18.5		
S					150	3		C ₅ ,2				7.6	18.5		
S					156	4		C ₅ ,2				6.4	18.5		
S					162	5		C ₅ ,2				4.6	18.5		
S					167	6		C ₅ ,2				7.8	18.5		
S					174	3		C ₅ ,2				8.0	18.5		
S					180	4		C ₅ ,2				7.6	18.5		
S					186	5		C ₅ ,2				7.0	18.5		
S					193	8		C ₅ ,2				7.2	18.5		
S					200	2		C ₅ ,2				8.8	18.5		
S					206	3		C ₅ ,2				8.0	18.5		
S					212	4		C ₅ ,2				7.1	18.5		
S					217	3		C ₅ ,2				5.8	18.5		
S					224	0		C ₅ ,2				8.3	18.5		
S					228	9		C ₅ ,2				6.2	18.5		

Structural Log

Code	From		To		Feature	S/N	S ₁		S ₂		Description
							Dip	Direct	Dip	Direct	
	10	14 16	20	22 24 26 28			32	34	38		
S			23,53		GS2			8,7	1,8,5		
S			2,429		GS2			7,2	1,8,5		
S			2,490		GS2			8,1	1,8,5		
S			2,516		GS2			6,4	1,8,5		
S			2,639		GS2			8,8	1,8,5		
S			2,716		GS2			7,5	1,8,5		
S			2,780		GS2			8,0	1,8,5		
S			2,841		GS2			7,2	1,8,5		
S			2,902		GS2			7,5	1,8,5		
S			2,960		GS2			8,4	1,8,5		
S			3,042		GS2			7,5	1,8,5		
S			3,110		GS2			8,3	1,8,5		
S			3,176		GS2			7,0	1,8,5		
S			3,231		GS2			8,8	1,8,5		
S			3,283		GS2			8,0	1,8,5		
S			3,344		GS2			8,1	1,8,5		
S			3,411		GS2			7,2	1,8,5		
S			3,475		GS2			6,1	1,8,5		
S			3,618		GS2			6,9	1,8,5		
S			3,667		GS2			7,6	1,8,5		
S			3,728		GS2			7,1	1,8,5		
S			3,803		GS2			7,6	1,8,5		
S			3,862		GS2			6,8	1,8,5		
S			4,060		GS2			5,2	1,8,5		
S			4,247		GS2			8,6	1,8,5		
S			4,622		GS2			7,9	1,8,5		
S			4,685		GS2			6,5	1,8,5		
S			4,746		GS2			6,9	1,8,5		
S			4,807		GS2			7,6	1,8,5		
S			4,867		GS2			6,8	1,8,5		
S			4,928		GS2			7,9	1,8,5		
S			4,989		GS2			8,5	1,8,5		
S			5,050		GS2			8,0	1,8,5		
S			5,111		GS2			8,8	1,8,5		
S			5,172		GS2			6,4	1,8,5		
S			5,264		GS2			8,0	1,8,5		

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Code	From	To	Unit	Code	Description
1	10 14 16	20 22 23 25 27			
L	1 10100	1 12183	11	#	0/B no core.
L	1 12183	1 19169	12	5B10	
L	1 19169	1 10137	13	5B16	
L	1 10137	1 11616	14	5B10	
L	1 11616	1 11712	15	5B16	Zone of gouge, broken core and breccia, breccia from 171.0 - 172.3
L	1 11712	1 11812	16	5B10	
L	1 11812	1 11813	17	5B12	-SB23
L	1 11813	1 21012	18	5B10	
L	1 21012	1 21012	19	5D10	
L	1 21012	1 21214	110	5B10	
L	1 21214	1 21215	111	5D13	-SD35
L	1 21215	1 21216	112	5C10	diss blebs of Fe-carbonate.
L	1 21216	1 21219	113	5C13	diss blebs of Fe-carbonate.
L	1 21219	1 21311	114	5C13	zone of gouge.
L	1 21311	1 21312	115	5B10	
L	1 21312	1 21312	116	5B14	-SB43
L	1 21312	1 21315	117	5C13	
L	1 21315	1 21422	118	5D13	
L	1 21422	1 31210	119	5B10	
L	1 31210	1 31212	210	5D13	
L	1 31212	1 31411	211	5B10	
L	1 31411	1 31412	212	5B12	-SB23
L	1 31412	1 31419	213	5B10	
L	1 31419	1 31510	214	5D13	
L	1 31510	1 31515	215	5B10	
L	1 31515	1 31515	216	5D13	
L	1 31515	1 31516	217	5B10	
L	1 31516	1 31517	218	5D13	
L	1 31517	1 31518	219	5B10	
L	1 31518	1 31518	310	5D13	
L	1 31518	1 31611	311	5B10	
L	1 31611	1 31611	312	5D13	
L	1 31611	1 31613	313	5B10	
L	1 31613	1 31613	314	5D13	
L	1 31613	1 31713	315	5B10	

Code	From	To	Unit	Code	Description
1	10 14 16	20 22 23	25 27		
L	131713 0	131713 4	316	5D13	
L	131713 4	131714 7	317	5B10	
L	131714 7	131715 0	318	5D13	
L	131715 0	131715 1	318	5D13	GOUGE ZONE
L	131715 1	131913 2	319	5B10	
L	131913 2	131913 9	410	5B16	GOUGE, BROKEN CORE AND BRECCIA
L	131913 9	150220	411	5B0	
L	150220	151012 3	412	5B10	GOUGE ZONE
L	151012 3	151214 0	413	5B10	
L	151214 0	151216 6	414	0D17	-0D72
L	151216 6	151313 4	415	0D19	-0D92
L	151313 4	151317 5	416	0D12	-0D27
L	151317 5	151418 8	417	5B10	
L	151418 8	151419 7	418	5B12	-SB26
L	151419 7	151510 5	419	5D13	
L	151510 5	151512 0	50	5B12	-SB26
L	151512 0	151513 7	51	5D13	✓
L	151513 7	151515 9	512	5B10	
L	151515 9	151516 5	513	5D13	*
L	151516 5	151518 4	514	5B10	
L	151518 4	151519 7	515	5D13	
L	151519 7	151615 6	516	5B10	
L	151615 6	151616 4	517	5D13	
L	151616 4	151715 4	518	5B12	-SB23
L	151715 4	161016 9	519	5B10	
L	161016 9	161017 1	610	5D13	-GOUGE ZONE
L	161017 1	161017 3	611	5D13	
L	161017 3	161017 6	612	5B10	
L	161017 6	161018 2	613	5D10	
L	161018 2	161018 7	614	5B10	
L	161018 7	161101	615	5D13	
L	161101	161114 4	616	5B10	
L	161114 4	161114 8	617	5D13	
L	161114 8	161115 4	618	5B10	
L	161115 4	161116 2	619	5D13	
L	161116 2	161119 4	710	5B10	

Lithologic Log

Code	From	To	Unit	Code	Description
1	10 14 16	20 22 23 25 27			
L	161194	161210	71	51D3	
L	161200	161374	72	51B10	
L	1613174	1613184	73	51B16	Broken core and gouge
L	1613184	161411	74	51B16	
L	161411	161415	75	4L10	
L	161415	161420	76	4L12	4L274 almost massive sulphides minor sericitic bands, interbedded po-py-sph-gal, sph content increasing toward the footwall.
L	161420	161425	77	4C18	minor qtz (~15%), mag toward the hanging wall
L	161425	161428	78	4A14	-4A47
L	161428	161441	79	4A17	minor sericitic bands, py toward the hanging wall, po toward the footwall
L	161441	161451	80	4E11	minor qtz bands (~8%), minor sph-gal bands toward the hanging wall.
L	161451	161479	81	4L13	-4L37 possible talc, not very well developed
L	161479	161491	82	4L12	-4L274, sulphides (~50%)
L	161491	161521	83	4C12	-4L274B sph-gal interbedded with mag
L	161521	161550	84	4L14	-4L482
L	161550	161568	85	4L17	-4L79 cpy present in tension gashes
L	161568	161590	86	51B12	-SB26
L	161590	161599	87	4L17	altered version of SB2, minor carbonaceous bands present.
L	161599	161635	88	51B12	-SB23
L	161635	161728	89	51B12	-SB26
L	161728	161736	90	4L17	altered version of SB2
L	161736	161753	91	51B16	
L	161753	161758	92	4L17	same as unit 90
L	161758	161768	93	51B16	
L	161768	161771	94	51B16	-GOUGE ZONE
L	161771	161795	95	51B16	
L	161795	161836	96	4L17	
L	161836	161852	97	51A10	
L	161852	161864	98	4L10	

Code	From	To	Unit	Code	Description
	10 14	16 20	22 23	25 27	
L	161816	161817	3	919 51B12	-5B26
L	161817	161817	5	010 4A7	-4A74
L	161817	161818	2	011 41G14	-4C48 ~15% combined
L	161818	161818	4	012 41E10	
L	161818	161819	6	013 41C14	-4C48
L	161819	161914	9	014 41L13	-4L37
L	161914	171018	1	015 41L17	
L	171018	171110	8	016 51B16	
L	171110	171112	1	017 41L13	talcose bands interbedded with sericite
L	171112	171112	3	018 41C17	
L	171112	171113	5	019 41C10	minor talc bands
L	171113	171113	7	110 41C10	CaCO ₃ in matrix
L	171113	171114	3	111 41C10	
L	171114	171115	7	112 41L13	talc bands interbedded with sericite
L	171115	171116	9	113 41C17	-4C79 CaCO ₃ in matrix
L	171116	171119	9	114 41L13	
L	171119	171211	1	115 41C10	
L	171211	171212	2	116 41E10	
L	171212	171212	7	117 41L13	
L	171212	171213	8	118 51B10	
L	171213	171214	8	119 41L10	
L	171214	171311	4	210 51B10	
L	171311	171312	5	211 41L10	
L	171312	171314	0	212 41A10	
L	171314	171315	1	213 41C10	
L	171315	171315	4	214 41L10	
L	171315	171315	7	215 41C10	
L	171315	171315	9	216 41A10	
L	171315	171316	6	217 41L10	
L	171316	171410	3	218 51B10	
L	171410	171411	5	219 51B17	-5B73
L	171411	171413	0	310 41L10	
L	171413	171415	9	311 41L13	
L	171415	171416	2	312 41A10	
L	171416	171416	4	313 41L10	
L	171416	171416	6	314 41E10	

Code	From	To	Unit	Code	Description
	10 14 16	20 22 23	25 27		
L	17146 6	17148 4	315	4L13	
L	17148 4	17148 6	316	4E10	
L	17148 6	171510 1	317	4L10	
L	171510 1	171514 5	318	4L13	
L	171514 5	171518 0	319	4L15	
L	171518 0	171519 2	410	4L13	
L	171519 2	171519 5	411	4L15	
L	171519 5	171519 7	412	4H10	
L	171519 7	171612 0	413	4L13	
L	171612 0	171612 2	414	4A10	
L	171612 2	171613 9	415	4L13	
L	171613 9	171615 5	416	5B12	-SB23
L	171615 5	171617 1	417	4L13	
L	171617 1	171710 8	418	5B12	-SB23
L	171710 8	171729 9	419	4L13	
L	171729 9	171826 6	510	5B12	-SB23
L	171826 6	171813 5	511	4L10	
L	171813 5	171819 0	512	5B12	-SB23
L	171819 0	171911 5	513	4L10	
L	171911 5	171916 8	514	5B16	
L	171916 8	171917 6	515	4L10	
L	171917 6	181022 2	516	5B16	
L	181022 2	181015 0	517	4L10	
L	181015 0	181015 3	518	4K14	large sph flame structure, into the hanging wall.
	111	111	1	11	
L	181015 3	181015 7	519	4K10	CO ₂ clots.
L	181015 7	181016 1	610	5B19	
L	181016 1	181016 8	611	5B10	py at the hanging wall.
L	181016 8	181018 6	612	4K11	-CO ₂ clots, qtz bands.
L	181018 6	181019 1	613	4K14	
L	181019 1	181111 5	614	4K10	
L	181111 5	181111 8	615	4G14	
L	181111 8	181125 5	616	4E10	
L	181125 5	181129 9	617	4G10	massive banded barite, py very minor, interbedded qtz.
	111	111	1	11	
L	181129 9	181144 4	618	4B14	

Depth	From		To		Unit		Code		Description
	10	14	16	20	22	23	25	27	
L	18114	4	18114	5	619	4	D4		
L	18114	5	18114	8	710	4	G4		
L	18114	8	18115	5	711	4	D14	sph honey coloured, low Fe	
L	18115	5	18115	8	712	4	G10	massive barite, very minor py.	
L	18115	8	18116	4	713	4	G4		
L	18116	4	18117	8	714	4	D14		
L	18117	8	18119	9	715	4	G4	py increasing toward the footwall.	
L	18119	9	18120	2	716	4	H10		
L	18120	2	18122	8	717	5	B12	-SB23.	
L	18122	8	18130	1	718	5	B16		
L	18130	1	18130	6	719	4	L17		
L	18130	6	18132	7	810	4	L4	-4L42.	
L	18132	7	18133	9	811	4	L13		
L	18133	9	18134	5	812	5	A19		
L	18134	5	18136	9	813	0	R10		
L	18136	9	18137	2	814	4	E17	Large po flaws at the hanging wall,	
								po present at both the footwall and	
								hanging wall	
L	18137	2	18137	5	815	5	B12	-SB23	
L	18139	5	18140	0	816	5	A10		
L	18140	0	18140	4	817	5	B16		
L	18140	4	18141	7	818	4	A14		
L	18141	7	18142	9	819	4	A10		
L	18142	9	18143	5	910	4	E10		
L	18143	5	18144	0	911	4	D10		
L	18144	0	18144	4	912	4	A0		
L	18144	4	18145	1	913	4	C10		
L	18145	1	18156	7	914	4	A10		
L	18156	7	18157	0	915	4	A10	Gouge zone.	
L	18157	0	18158	2	916	4	L14		
L	18158	2	18159	6	917	5	D13		
L	18159	6	18159	9	918	4	A10		
L	18159	9	18160	7	919	5	A19		
L	18160	7	18160	9	00	5	A19	- gouge zone.	
L	18160	9	18170	2	01	5	B16	- faintly altered to 4L	
L	18170	2	18171	4	02	4	L17		

Code	From		To		Feature	S/E	S ₁ Dip Direct.		S ₂ Dip Direct.		Description
	10	14 16	20	22 24 26 28			32	34	38		
			28	3	C1S12						overburden - 110 CFR
S			28	3	C1S12				8,0	1,8,5	
S			32	3	C1S12				7,0	1,8,5	
S			38	4	C1S12				6,6	1,8,5	
S			44	5	C1S12				7,7	1,8,5	
S			50	6	C1S12				8,6	1,8,5	
S			56	7	C1S12				8,5	1,8,5	
S			62	8	C1S12				6,6	1,8,5	
S			68	9	C1S12				7,5	1,8,5	
S			72	8	C1S12				8,3	1,8,5	
S			79	2	C1S12				8,2	1,8,5	
S			84	1	C1S12				8,4	1,8,5	
S			89	0	C1S12				8,8	1,8,5	
S			94	8	C1S12				7,4	1,8,5	
S			100	3	C1S12				4,3	1,8,5	
S			106	4	C1S12				6,6	1,8,5	
S			111	6	C1S12				7,6	1,8,5	
S			117	7	C1S12				7,8	1,8,5	
S			123	7	C1S12				5,7	1,8,5	
S			129	8	C1S12				8,1	1,8,5	
S			135	9	C1S12				6,5	1,8,5	
S			142	0	C1S12				8,0	1,8,5	
S			148	1	C1S12				8,2	1,8,5	
S			154	2	C1S12				7,1	1,8,5	
S			161	3	C1S12				7,1	1,8,5	
S			167	5	C1S12				8,4	1,8,5	
S			173	1	C1S12				7,5	1,8,5	
S			179	2	C1S12				7,7	1,8,5	
S			184	7	C1S12				7,5	1,8,5	
S			191	8	C1S12				7,9	1,8,5	
S			196	9	C1S12				8,4	1,8,5	
S			203	0	C1S12				8,0	1,8,5	
S			209	1	C1S12				7,7	1,8,5	
S			215	2	C1S12				8,6	1,8,5	
S			221	3	C1S12				8,2	1,8,5	
S			227	4	C1S12				5,9	1,8,5	

Code	From				To				Feature	S ₁ Dip Direct.	S ₂ Dip Direct.			Description
	1	10	14	16	20	22	24	26			28	32	34	
S					2335				C52			42	185	
S					2346				C52			85	185	
S					2457				C52			82	185	
S					2524				C52			87	185	
S					25185				C52			90	185	
S					2639				C52			75	185	
S					27100				C52			73	185	
S					27161				C52			80	185	
S					2822				C52			83	185	
S					2914				C52			79	185	
S					2975				P52			83	185	
S					3036				P52			89	185	
S					3100				P52			84	185	
S					3158				C52			75	185	
S					3219				C52			80	185	
S					3279				C52			79	185	
S					3340				C52			84	185	
S					3401				C52			82	185	
S					3462				C52			81	185	
S					3523				C52			82	185	
S					3584				C52			76	185	
S					3645				C52			85	185	
S					3706				C52			85	185	
S					3767				C52			65	185	
S					3828				C52			88	185	
S					3883				C52			85	185	
S					3938				C52			79	185	
S					3999				C52			89	185	
S					4060				C52			72	185	
S					4121				C52			77	185	
S					4182				C52			80	185	
S					4255				C52			90	185	
S					4316				C52			83	185	
S					4377				C52			83	185	
S					4438				C52			65	185	
S					4499				C52			78	185	

Code	From				To				Feature	S ₁ Dip Direct.	S ₂		Description
	10	14	16	20	22	24	26	28			32	34	
S				4,560				GS2			8,3	1,8,5	
S				4,621				GS2			7,4	1,8,5	
S				4,682				GS2			8,5	1,8,5	
S				4,743				GS2			7,5	1,8,5	
S				4,791				GS2			7,6	1,8,5	
S				4,852				GS2			6,1	1,8,5	
S				4,895				GS2			8,1	1,8,5	
S				4,956				GS2			7,5	1,8,5	
S				5,017				GS2			8,8	1,8,5	
S				5,078				GS2			8,0	1,8,5	
S				5,139				GS2			8,0	1,8,5	
S				5,200				GS2			8,0	1,8,5	
S													Dyke 5240 - 537.5
S				5,383				GS2			8,6	1,8,5	
S				5,434				CIS12			8,6	1,8,5	
S				5,495				CIS12			7,5	1,8,5	
S				5,559				CIS12			8,6	1,8,5	
S				5,620				CIS12			8,0	1,8,5	
S				5,681				CIS12			8,0	1,8,5	
S				5,742				CIS12			8,7	1,8,5	
S				5,809				CIS12			8,5	1,8,5	
S				5,864				CIS12			8,3	1,8,5	
S				5,928				CIS12			6,7	1,8,5	
S				5,986				CIS12			7,7	1,8,5	
S				6,047				CIS12			4,8	1,8,5	
S				6,108				CIS12			7,0	1,8,5	
S				6,172				CIS12			7,5	1,8,5	
S				6,230				CIS12			7,6	1,8,5	
S				6,291				CIS12			6,6	1,8,5	
S				6,352				CIS12			8,1	1,8,5	
S				6,410				CIS12			6,3	1,8,5	
S				6,455				CIS12			7,5	1,8,5	
S				6,516				CIS12			8,3	1,8,5	
S				6,582				GS2			7,7	1,8,5	
S				6,643				GS2			7,7	1,8,5	
S				6,705				GS2			8,0	1,8,5	

DDH 79-X-16
2 8

Cyprus Anvil Mining Corp.

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Structural Log

Logged By: RVH

Code	From		To		Feature	S/E	S ₁		S ₂		Description
	10	14	16	20			22	24	26	28	
S			676	6	CS2				77	185	
S			681	2	CS2				64	185	
S			687	6	CS2				79	185	
S			683	7	CS2				80	185	
S			699	8	CS2				74	185	
S			705	9	CS2				76	185	
S			712	0	CS2				65	185	
S			718	1	CS2				74	185	
S			724	2	CS2				71	185	
S			730	3	CS2				68	185	
S			736	4	CS2				78	185	
S			742	5	CS2				83	185	
S			748	2	CS2				78	185	
S			754	7	CS2				85	185	
S			760	7	CS2				74	185	
S			766	8	CS2				72	185	
S			772	9	CS2				89	185	
S			779	0	CS2				76	185	
S			785	1	CS2				78	185	
S			791	2	CS2				79	185	
S			795	8	CS2				79	185	
S			801	9	CS2				86	185	
S			808	0	CS2				48	185	
S			811	4	CS2				50	185	
S			821	0	CS2				82	185	
S			825	9	CS2				72	185	
S			833	0	CS2				64	185	
S			839	4	CS2				73	185	
S			841	1	CS2				71	185	
S			852	2	CS2				70	185	
S			858	0	CS2				75	185	
S			865	3	CS2				67	185	
S			871	4	CS2				65	185	
S			877	5	CS2				61	185	
S			883	3	CS2				75	185	
S			889	4	CS2				82	185	

From	To	Sample No.	Description	
10	14	101	22	
15	16	27		
P 16141	5	161412	0.5	4-274
P 16142	0	161425	3.5	4-28
P 16143	5	161441	1.6	4R4/7
P 16144	1	161451	1.0	451
P 16145	1	161479	2.0	4L37
P 16147	9	161491	1.2	4L274
P 16149	1	161511	2.0	4C27+8
P 16151	1	161521	1.0	4C27+8
P 16152	1	161550	2.9	4L482
P 16155	0	161568	1.8	4L79
P 16157	3	161575	0.2	4F74
P 16157	5	161596	2.1	4C-4
P 16159	6	161916	2.0	4L37
P 16191	6	161926	2.0	4L27
P 16192	6	161949	1.3	4L27
P 16194	9	161949	2.0	4-7
P 17110	8	171121	1.2	4L3
P 17112	1	171143	2.2	4C0/7
P 17114	3	171157	1.4	4L3
P 17115	7	171169	1.2	4C70
P 17116	9	171199	3.0	4L3
P 17119	9	171211	1.2	4C0
P 17121	1	171223	1.2	4C0
P 17132	5	171340	1.5	4A0
P 17134	0	171351	1.1	4C0
P 17135	1	171354	0.3	4L0
P 17135	4	171352	0.3	4C0
P 18015	0	180153	0.5	4C4
P 18015	3	180157	0.24	4C0 X
P 18015	7	180158	1.1	5B019

Code	From	To	Sample No.	Description
P	181018 6	181219 11	13131812	0.5 4C4
P	181019 1	181111 5	13131814	2.4 4C0
P	181111 5	181111 8	13131815	0.3 4C4
P	181111 8	181112 5	13131816	0.7 4E0
P	181112 5	181112 9	13131817	0.4 4C0
P	181112 9	181114 4	13131818	1.5 4C4
P	181114 4	181115 5	13131819	1.1 4D4/4C4
P	181115 5	181116 4	13131910	0.9 4C4/D
P	181116 4	181117 8	13131911	1.1 4D4
P	181117 8	181119 9	13131912	2.1 4C4
P	181119 9	181222 2	13131913	0.3 4C0
P	181210 6	181212 7	13131914	2.1 4L42
P	181212 7	181313 9	13131915	1.2 4L3
P	181316 9	181317 2	13131916	0.7 4E7
P	181410 4	181411 7	13131917	1.3 4A4
P	181411 7	181412 9	13131918	1.2 4A0
P	181412 9	181422 5	13131919	0.6 4E0
P	181422 5	181423 0	13140010	0.5 4A0
P	181423 0	181423 5	13140011	1.1 4C0
P	181423 5	181427 1	13140012	2.0 4A0
D	181427 1	181429 1	13140013	2.0 4A0
D	181429 1	181511 1	13140014	2.0 4A0
P	181511 1	181513 1	13140015	2.0 4A0
P	181513 1	181515 1	13140016	2.0 4A0
P	181515 1	181517 0	13140017	1.9 4A0
P	181517 0	181518 2	13140018	1.2 4L4
P	181913 9	181915 0	13140019	1.1 4A0
P	181915 0	181915 1	13140020	1.1 4L7

CYPRUS ANVIL MINING CORPORATION.

DIAMOND DRILL CORE LOG

Hole Number: 79-X-17

Fabric Orientation Diagram:

Project: DY

Location: VANGORDA PLATEAU

Claim: DY-43

Terr. Plane Co-ords.: 6901,309.03N

597533.59 E

Grid Co-ords.: 617+00E

130N

Elevation: 1069.37 m

Total Depth: 669.3

Purpose: EXTEND BARITIC ZONE ENCOUNTERED IN 77-X-06

Logged by: BYH

Date(s) Logged: Sept 26 - Oct 20 1977

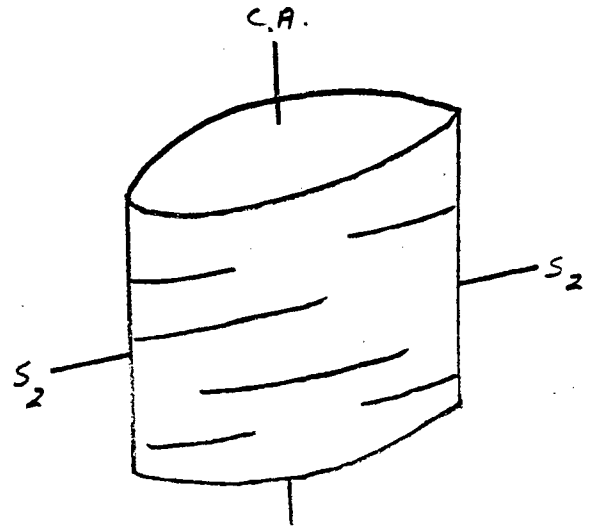
Drilling Contractor: ARCTIC

Core: Size From To Collar Cased and Capped: No

NQ 27.4 ?

BQ ? 669.3

Started: Sept 27 1977 Completed: Oct 24 1977



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

Litho Code	From				To				Unit	Code	Description
	10	14	16	20	22	23	25	27			
L	10100		12174		11	#1				OIB NO CORE.	
L	12174		12182		12	SIC13					
L	12182		12192		13	SID13					
L	12192		13126		14	SIC13					
L	13126		13136		15	SID13					
L	13136		13141		16	SIC13					
L	13141		13157		17	SID13					
L	13157		13166		18	SIB12				-SB26	
L	13166		13170		19	SID13				GOUGE appears to be a fault repeat of # 7	
L	13170		13174		10	SIP13					
L	13174		14113		11	SIB16					
L	14113		14126		12	SID13					
L	14126		16141		13	SIB12				-SB23	
L	16141		16197		14	SIB17				-SB73	
L	16197		17126		15	SID13					
L	17126		18123		16	SIB10					
L	18123		18127		17	SIB10				GOUGE ZONE	
L	18127		18159		18	SIB16					
L	18159		18181		19	SIB12				-SB26	
L	18181		18186		20	SID13					
L	18186		18199		21	SIB10					
L	18199		19147		22	SID13					
L	19147		19167		23	SIB10					
L	19167		19172		24	SIB16				GOUGE ZONE	
L	19172		110123		25	SIB10					
L	110123		110149		26	SID13					
L	110149		110166		27	SIB10					
L	110166		110177		28	SID13					
L	110177		111127		29	SIB10					
L	111127		111130		30	SID13					
L	111130		112102		31	SIB10					
L	112102		112124		32	SIB16					
L	112124		112131		33	SIB10					
L	112131		112134		34	SIB10				GOUGE ZONE	
L	112134		112160		35	SIB16					
L	112160		11652		31	SIB10					

Lithologic Log

Logged By: BYH

Core	From	To	Unit	Code	Description
L	10 14 16	20 22 23 25 27			
L	11615 2	11615 9	317	S103	
L	11615 9	11716 0	318	S1010	
L	11716 0	11719 1	319	S1010	GOUGE AND BROKEN CORE
L	11719 1	11811 2	410	S1016	
L	11811 2	11811 6	411	S1013	
L	11811 6	11914 0	412	S1010	
L	11914 0	11914 2	413	O1F12	
L	11914 2	11914 7	414	S1010	
L	11914 7	11915 8	415	O1012	-0029 Kaol replacing plag, minor mont.
L	11915 8	12101 8	416	O1012	0029 GOUGE ZONE
L	12101 8	12104 9	417	O1012	-0029
L	12104 9	12113 3	418	O1012	-00279
L	12113 3	12116 1	419	O1012	-0027
L	12116 1	12117 1	510	S1010	
L	12117 1	12119 4	511	S1017	-SB73
L	12119 4	12137 9	512	S1010	
L	12137 9	12139 1	513	S1013	
L	12139 1	12141 9	514	S1010	
L	12141 9	12151 20	515	S1017	-SB73
L	12151 20	12153 5	516	S1013	
L	12153 5	12154 2	517	S1016	
L	12154 2	12155 3	518	S1010	
L	12155 3	12157 2	519	S1017	-SB73
L	12157 2	12181 1	610	S1010	
L	12181 1	12181 9	611	S1017	-SB73
L	12181 9	12182 4	612	S1010	
L	12182 4	12183 5	613	S1010	
L	12183 5	12184 3	614	S1010	
L	12184 3	12191 6	615	S1013	
L	12191 6	12192 2	616	S1010	
L	12192 2	12194 6	617	S1017	-SB73
L	12194 6	12199 1	618	S1013	
L	12199 1	12199 3	619	S1010	
L	12199 3	1305 1	710	S1013	
L	1305 1	1309 0	711	S1017	-SB73

Lithologic Log

Logged By: BYH

Code	From	To	Unit	Code	Description
	10 14 16	20 22 23 25 27			
L	13109 0	13111 8	712	51013	
L	13111 8	13117 7	713	51817	-SB73
L	13117 7	13118 5	714	51817	-SB73 zone of broken core.
L	13118 5	13118 8	715	51817	-SB73
L	13118 8	13120 3	716	51013	
L	13120 3	13120 8	717	51816	
L	13120 8	13122 6	718	51010	
L	13122 6	13124 3	719	51013	
L	13124 3	13125 2	810	51810	
L	13125 2	13125 5	811	51013	
L	13125 5	13125 8	812	51810	
L	13125 8	13126 1	813	51013	
L	13126 1	13129 7	814	51810	
L	13129 7	13130 3	815	51812	-SB23
L	13130 3	13130 5	816	51812	-SB23 post F2 breccia
L	13130 5	13134 8	817	51817	-SB73
L	13134 8	13134 9	818	51817	-SB73 Gouge zone.
L	13134 9	13140 7	819	51817	-SB73
L	13140 7	13145 5	910	51013	
L	13145 5	13156 6	911	51817	-SB73
L	13156 6	13157 7	912	51013	
L	13157 7	13167 3	913	51817	-SB73
L	13167 3	13167 8	914	51013	
L	13167 8	13168 1	915	51817	-SB73
L	13168 1	13179 4	916	51013	
L	13179 4	13181 5	917	51817	-SB73 Gouge and broken core zone.
L	13181 5	13184 0	918	51817	-SB73
L	13184 0	131910 8	919	51810	
L	131910 8	131911 4	010	51810	Gouge and broken core zone.
L	131911 4	131916 4	011	51810	
L	131916 4	131917 1	012	51817	-SB73
L	131917 1	14115 2	013	51810	
L	14115 2	14117 6	014	51810	-Gouge and broken core zone.
L	14117 6	14210 6	015	51817	-SB73
L	14210 6	14212 6	016	51013	
L	14212 6	14213 3	017	51817	-SB73

Lithologic Log

Logged By: B V H

Code	From	To	Unit	Code	Description
	10 14 16	20 22 23 25 27			
L	142133	14241	018	5D13	
L	142141	142166	019	5D10	
L	142166	142135	110	5D13	
L	1413135	1413148	111	5D15	- SDS?
L	1413148	1413173	112	5D13	
L	1413173	1414116	113	5D15	- SDS?
L	1414116	1415113	114	5D13	
L	1415113	1415120	115	5B10	
L	1415120	1415125	116	5D13	
L	1415125	1415154	117	5B10	
L	1415154	1415165	118	5D13	
L	1415165	1415173	119	5B10	
L	1415173	1415183	210	5D13	
L	1415183	1416155	211	5B10	
L	1416155	1416163	212	5D14	
L	1416163	1417109	213	5D13	
L	1417109	1417114	214	5A10	
L	1417114	1417162	215	5D13	
L	1417162	1417185	216	5C13	
L	1417185	1418113	217	5D10	
L	1418113	1418134	218	5D13	
L	1418134	1418179	219	5C10	
L	1418179	1419110	310	5D10	
L	1419110	1419134	311	5D13	
L	1419134	1419193	312	5B12	- SB23
L	1419193	150117	313	5A10	
L	150117	1511195	314	5B12	- SB26
L	1511195	1512124	315	5B16	
L	1512124	1512142	316	5A10	
L	1512142	1512155	317	4L10	
L	1512155	1512168	318	4L13	- 4L35
L	1512168	1512179	319	4H14	
L	1512179	1512192	410	4G4	
L	1512192	1513100	411	4H4	may be a fold repeat of unit 139
L	1513100	1513113	412	4G10	may be a fold repeat of unit 140
L	1513113	1513130	413	4H10	clotty 2+2 grains, appears deformational

Lithologic Log

Logged By: B V H

Code	From	To	Unit	Code	Description
1	10 14 16	20 22 23 25 27			
L	151313 0	151315 6	44	5B16	
L	151315 6	151315 8	45	5A10	
L	151315 8	151316 0	46	4H10	
L	151316 6	151318 4	47	5A10	
L	151318 4	151318 7	48	5A10	- gouge zone
L	151318 7	151319 2	49	5B16	
L	151319 2	151411 6	50	5B12	- SB23
L	151411 6	151412 9	51	5B10	
L	151412 9	151414 0	52	5D13	
L	151414 0	151414 2	53	5B12	- SB23
L	151414 2	151414 6	54	5B16	
L	151414 6	151415 4	55	5B17	- SB76
L	151415 4	151512 5	56	5D10	
L	151512 5	151512 8	57	5C13	
L	151512 8	151515 3	58	5D13	
L	151515 3	151515 9	59	5C13	
L	151515 9	151516 4	60	5D13	
L	151516 4	151516 8	61	5D13	- gouge zone
L	151516 8	151618 3	62	5D13	
L	151618 3	151619 0	63	5C13	
L	151619 0	151619 8	64	5D10	
L	151619 8	151710 3	65	5K10	mottled texture.
L	151710 3	151712 0	66	5D16	- SD63 minor carbonate intervals
L	151712 0	151713 5	67	5C13	Locally to 5D3, mottled variety
L	151713 5	151716 1	68	5D13	greyish colour
L	151716 1	151716 3	69	5C13	mottled variety
L	151716 3	151716 7	70	5C13	normal green variant.
L	151716 7	151718 6	71	5B10	→ locally to 5D3
L	151718 6	151719 1	72	5C13	gouge zone
L	151719 1	151719 6	73	5K10	
L	151719 6	151814 2	74	5B12	
L	151814 2	151815 2	75	0G10	
L	151815 2	151911 2	76	5C13	locally interbedded SD, SB
L	151911 2	151912 0	77	5B17	- SB73
L	151912 0	151914 2	78	5D13	
L	151914 2	151916 3	79	5A10	

DDH $\frac{7.4 - X - 1.7}{2}$
8

Cyprus Anvil Mining Corp.

Structural Log

Logged By: BVH

Core Code	From		To		Feature	E S ₁	S ₁ Dip Direct.		S ₂ Dip Direct.		Description	
	10	14	16	20			22	24	26	28		32
				274								overburden - no core
S				274	C52				72	185		
S				326	C52				80	185		
S				387	C52				77	185		
S				444	C52				80	185		
S				498	C52				83	185		
S				570	C52				86	185		
S				619	C52				66	185		
S				661	C52				80	185		
S				704	C52				55	185		
S				767	C52				76	185		
S				827	C52				81	185		
S				881	C52				83	185		
S				942	C52				83	185		
S				1006	C52				83	185		
S				1067	C52				83	185		
S				1128	C52				80	185		
S				1189	C52				82	185		
S				1248	C52				84	185		
S				1301	C52				80	185		
S				1362	C52				80	185		
S				1423	C52				83	185		
S				1484	C52				84	185		
S				1545	C52				68	185		
S				1591	C52				84	185		
S				1655	C52				70	185		
S				1710	C52				71	185		
S				1711	C52				84	185		
S				1835	C52				73	185		
S				1896	C52				85	185		
												Dyke 194.7 - 216.1
S				2161	C52				77	185		
S				2216	C52				85	185		
S				2277	C52				84	185		
S				2338	C52				90	185		
S				2399	C25				60	185		

Structural Log

Logged By: BVH

Code	From				To				Feature	S#	S ₁		S ₂		Description
	10	14	16	20	22	24	26	28			32	34	38		
S				2447	GS2							86	185		
S				2508	GS2							80	185		
S				2572	GS2							85	185		
S				2633	GS2							70	185		
S				2694	GS2							61	185		
S				2752	GS2							87	185		
S				2807	GS2							77	185		
S				2865	GS2							86	185		
S				2914	GS2							82	185		
S				2975	GS2							83	185		
S				3026	GS2							84	185		
S				3088	GS2							85	185		
S				3148	GS2							79	185		
S				3182	GS2							88	185		
S				3231	GS2							76	185		
S				3292	GS2							81	185		
S				3353	GS2							83	185		
S				3414	GS2							80	185		
S				3475	GS2							83	185		
S				3536	GS2							86	185		
S				3595	GS2							84	185		
S				3657	GS2							88	185		
S				3718	GS2							82	185		
S				3779	GS2							82	185		
S				3840	GS2							87	185		
S				3892	GS2							79	185		
S				3940	GS2							63	185		
S				4002	GS2							86	185		
S				4065	GS2							87	185		
S				4127	GS2							85	185		
S				4176	GS2							87	185		
S				4237	GS2							80	185		
S				4298	GS2							85	185		
S				4358	GS2							70	185		
S				4429	GS2							83	185		
S				4490	GS2							79	185		

Structural Log

Case	From		To		Feature	# S ₁	S ₁		S ₂		Description
	10	14	16	20			Dip	Direct.	Dip	Direct.	
S			4,550	22	GS2			86	185		
S			4,611	24	GS2			81	185		
S			4,663	26	GS2			83	185		
S			4,724	28	GS2			77	185		
S			4,776	30	GS2			57	185		
S			4,834	32	GS2			84	185		
S			4,895	34	GS2			53	185		
S			4,956	36	GS2			85	185		
S			5,017	38	GS2			84	185		
S			5,053		GS2			83	185		
S			5,114		GS2			70	185		
S			5,171		GS2			80	185		
S			5,233		GS2			73	185		
S			5,294		GS2			37	185		
S			5,355		GS2			47	185		
S			5,416		GS2			75	185		
S			5,477		GS2			85	185		
S			5,538		GS2			58	185		
S			5,599		GS2			82	185		
S			5,660		GS2			67	185		
S			5,725		GS2			65	185		
S			5,745		CS12			85	185		
S			5,791		CS12			65	185		
S			5,879		CS12			85	185		
S			5,913		CS12			70	185		
S			5,974		CS12			74	185		
S			6,050		CS12			65	185		
S			6,116		CS12			88	185		
S			6,190		CS12			74	185		
S			6,230		CS12			66	185		
S			6,310		CS12			80	185		
S			6,350		GS12			86	185		
S			6,412		CS12			84	185		
S			6,457		CS12			80	185		
S			6,544		CS12			80	185		
S			6,593		CS12			85	185		

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 79-X-18

Fabric Orientation Diagram:

Project: DY

Location: VANGORDA PLATEAU

Claim: DY-184

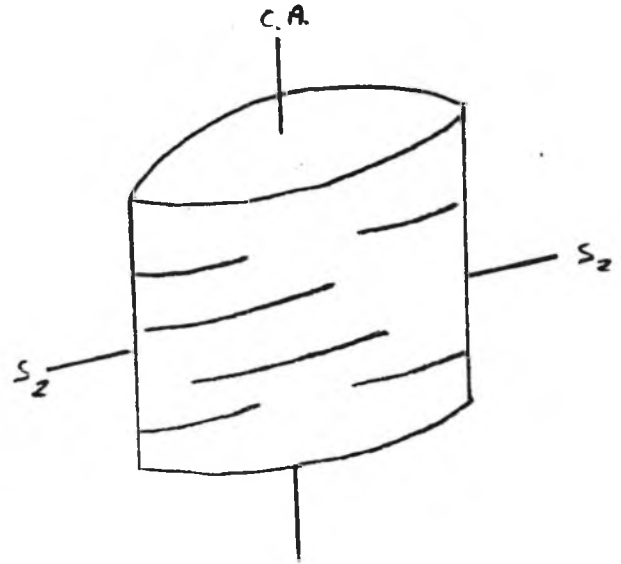
Terr. Plane
Co-ords.: 6,900,919.45 N

597,223.21 E

Grid
Co-ords.: L1S+00E

32SS

Elevation: 1141.78 m



All symmetry determinations looking

NW with S2 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 1st - 22nd 1979

Drilling
Contractor: ARCTIC

Core: Size From To Collar Cased
and Capped:

NO 18.9 892.1

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

Lithologic Log

Code	From			To			Unit	Code	Description
	10	14	16	20	22	23			
L	1010	0	1118	9	11	#			OIB No core
L	1118	9	1541		12	SIB10			
L	1541		1555		13	SID13			
L	1555		1559		14	SIB16			
L	1559		1573		15	SID13			
L	1573		1678		16	SIB10			
L	1678		1682		17	SID13			
L	1682		1733		18	SIB10			
L	1733		1741		19	SP13			
L	1741		1773		110	SIB10			
L	1773		1776		111	SID13			
L	1776		11317	8	112	SIB10			
L	11317	8	11318	4	113	SIB12			-SB23
L	11318	4	11711	8	114	SIB10			
L	11711	8	11717	4	115	SIB12			-SB23
L	11717	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	12218	1	121	SID10			
L	12218	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 plg altered to Keel, minor ment.
L	13216	9	13217	5	134	OF17			-OF72
L	13217	5	13218	1	135	OF9			-matrix appears altered to Keel, very soft

Lithologic Log

Logged By: B V H

Code	From		To		Unit		Code		Description
	10	14	16	20	22	23	25	27	
L	13218	1	13218	6	316	0	F7		- OF 72
L	13218	6	13312	5	317	5	B16		
L	13312	5	13416	7	318	5	B10		
L	13416	7	13416	8	319	5	B10		COUGE ZONE
L	13416	8	13611	2	410	5	B10		
L	13611	2	13612	4	411	5	D13		
L	13612	4	13613	8	412	5	B10		
L	13613	8	13614	7	413	5	D13		
L	13614	7	13718	4	414	5	B10		
L	13718	4	13718	7	415	5	D13		
L	13718	7	13718	9	416	5	B10		
L	13718	9	13719	2	417	5	B10		COUGE ZONE
L	13719	2	13719	7	418	5	D13		
L	13719	7	13812	5	419	5	B10		
L	13812	5	13816	8	510	5	B16		
L	13816	8	14014	8	511	5	B10		
L	14014	8	14101	5	512	5	B10		COUGE ZONE
L	14101	5	14219	2	513	5	B10		
L	14219	2	14310	7	514	5	B10		- zone of broken core
L	14310	7	14315	7	515	5	B10		
L	14315	7	14417	4	516	5	B16		
L	14417	4	14419	0	517	5	B10		
L	14419	0	14512	9	518	5	B10		- zone broken core
L	14512	9	14610	3	519	5	B10		
L	14610	3	14613	9	610	5	B16		
L	14613	9	14711	5	611	5	B10		
L	14711	5	14713	6	612	5	B16		
L	14713	6	14716	5	613	5	B10		
L	14716	5	14811	2	614	5	B16		
L	14811	2	15013	5	615	5	B10		
L	15013	5	15018	1	616	5	B16		
L	15018	1	15112	1	617	5	B10		
L	15112	1	15112	2	618	5	B10		- Couge zone
L	15112	2	15115	2	619	5	B10		
L	15115	2	15119	7	710	5	B16		
L	15119	7	15210	4	711	5	B10		

Lithologic Log

Logged By: BVH

No	From		To		Unit		Code		Description
	10	14	16	20	22	23	25	27	
L	15210	4	15210	6	712	51B10			- gauge zone.
L	15210	6	15217	3	713	51B10			
L	15217	3	15417	7	714	51B16			
L	15417	7	15518	5	715	51B10			
L	15518	5	15518	9	716	51D10			
L	15518	9	15610	5	717	51B16			
L	15610	5	15612	2	718	51B12			- SB23
L	15612	2	15617	1	719	51B10			
L	15617	1	15171	5	810	51B12			- SB23
L	15171	5	15181	4	811	51B10			
L	15181	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	161212	6	910	51B17			- SB76
L	161212	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	4L17			- 4L73
L	161313	9	161314	2	916	4C17			
L	161314	2	161314	9	917	4C17			- 4C78
L	161314	9	161317	1	918	4C18			
L	161317	1	161317	6	919	4E10			
L	161317	6	161318	3	010	4G4			
L	161318	3	161318	8	011	4C18			- 4C89
L	161318	8	161319	4	012	4A18			minor Qtz bands
L	161319	4	161410	3	013	4A10			
L	161410	3	161511	1	014	4C17			- 4C79, cpy in tension gashes
L	161511	1	161511	5	015	4A10			
L	161511	5	161514	4	016	4L17			
L	161514	4	161514	8	017	4D14			

Code	From		To		Unit		Code		Description
	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	41M4			
L	161517	5	161518	1	112	41C18			
L	161518	1	161518	5	113	41G4			
	161518	5	161519	4	114	41C10			large clots of gtz, appears to be the result of soft rock deformation.
	161519	4	161519	9	115	41G4			
L	161519	9	161610	8	116	51D10			-large gtz bands interbanded with chloritic bands.
	161610	8	161612	3	117	41G4			
L	161612	3	161612	8	118	41E1			
L	161612	8	161613	1	119	41A4			
L	161613	1	161613	4	210	41E0			
L	161613	4	161613	7	211	41D10			
L	161613	7	161617	3	212	41A10			
	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	41L16			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	311	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.
	161913	3	161914	4	319	51B12			-SB26.
L	161914	4	161914	9	410	41L13			
L	161914	9	161915	2	411	41E10			

Code	From		To		Unit		Code		Description
	10	14	18	20	22	23	25	27	
L	1619	152	1619	154	41	41	41	41	41H10 ✓
L	1619	154	1619	158	42	42	42	42	4L10
L	1619	158	1619	165	43	43	43	43	5R16
L	1619	165	1619	175	44	44	44	44	5D13
L	1619	175	1619	186	45	45	45	45	5R16
L	1619	186	1710	106	46	46	46	46	5D13
L	1710	106	1710	138	47	47	47	47	5B10
L	1710	138	1710	140	48	48	48	48	5D13 - gauge zone.
L	1710	140	1710	162	49	49	49	49	5D13
L	1710	162	1710	165	50	50	50	50	5B12 - SB23.
L	1710	165	1710	186	51	51	51	51	5B17 - SB73
L	1710	186	1711	133	52	52	52	52	5B10
L	1711	133	1711	141	53	53	53	53	5D13
L	1711	141	1712	161	54	54	54	54	5B10
L	1712	161	1712	167	55	55	55	55	5D13
L	1712	167	1713	154	56	56	56	56	5B10
L	1713	154	1713	159	57	57	57	57	5D13
L	1713	159	1713	180	58	58	58	58	5B12 - SB26
L	1713	180	1713	186	59	59	59	59	4A14
L	1713	186	1714	105	60	60	60	60	4E1 740.5 - 741.2
L	1714	105	1714	112	61	61	61	61	4E1
L	1714	112	1714	119	62	62	62	62	4G10
L	1714	119	1714	148	63	63	63	63	4A14
L	1714	148	1715	147	64	64	64	64	4A10
L	1715	147	1715	153	65	65	65	65	4A10 - gauge zone
L	1715	153	1715	163	66	66	66	66	5D10 ✓
L	1715	163	1715	164	67	67	67	67	5A10 - gauge zone
L	1715	164	1715	195	68	68	68	68	5C14 maxoposite found along fractures
L	1715	195	1715	197	69	69	69	69	756.4 - 757.0
L	1715	197	1716	100	70	70	70	70	4A10
L	1716	100	1716	122	71	71	71	71	4A10
L	1716	122	1716	135	72	72	72	72	4L10
L	1716	135	1716	158	73	73	73	73	4L13 - 4L37
L	1716	158	1716	163	74	74	74	74	5D13
L	1716	163	1716	176	75	75	75	75	4L17
L	1716	176	1716	197	76	76	76	76	5D13 ✓

Lithologic Log

Code	From		To		Unit		Code	Description
	10	14	16	20	22	23		
L	1716	197	1717	11	77		4L13	- 4L37
L	1717	11	1717	14	78		5D3	
L	1717	14	1717	21	79		4L13	- 4L37 ✓
L	1717	21	1717	28	80		5D3	✓
L	1717	28	1717	31	81		4L17	✓
L	1717	31	1717	44	82		5D3	✓
L	1717	44	1717	59	83		4L3	- 4L37
L	1717	59	1717	81	84		5B16	
L	1717	81	1717	96	85		4L13	- 4L37
L	1717	96	1718	18	86		4L10	- faintly altered SB6.
L	1718	18	1718	24	87		5B10	
L	1718	24	1718	52	88		4L10	- grading into 4L4 in places
L	1718	52	1719	61	89		5B16	
L	1719	61	1719	85	90		4L10	- possibly SD4 sulphides very minor
L	1719	85	1813	17	91		5B16	
L	1813	17	1813	18	92		4L17	
L	1813	18	1813	19	93		5B16	
L	1813	19	1814	11	94		4L17	
L	1814	11	1814	12	95		5B16	
L	1814	12	1814	13	96		4L17	
L	1814	13	1814	13	97		5B16	
L	1814	13	1814	14	98		4L17	
L	1814	14	1814	15	99		5B16	
L	1814	15	1814	18	010		4L13	- 4L37
L	1814	18	1815	10	011		5B16	
L	1815	10	1815	13	012		4L17	
L	1815	13	1815	17	013		5B16	
L	1815	17	1815	17	014		5B16	Breccia zone.
L	1815	17	1816	10	015		5B16	
L	1816	10	1816	13	016		4L10	
L	1816	13	1816	14	017		5B12	- SB26 contact zone Mte Myc / V.G.
L	1816	14	1816	17	018		4L10	
L	1816	17	1817	20	019		5B16	
L	1817	20	1817	41	110		4L17	
L	1817	41	1817	56	111		5B12	- SB26
L	1817	56	1817	58	112		5B12	- SB26 post F2 breccia angular clasts

Structural Log

Core Code	From				To				Feature	# S ₁	S ₁		S ₂		Description
	10	14	18	20	22	24	26	28			Dip	Direct.	Dip	Direct.	
				1189											OIB No core.
S				1189	C5,2							8.4	18.5		
S				1235	C5,2							7.9	18.5		
S				1296	C5,2							8.3	18.5		
S				1356	C5,2							7.9	18.5		
S				1418	C5,2							7.6	18.5		
S				1479	C5,2							8.0	18.5		
S				1540	C5,2							7.7	18.5		
S				1600	C5,2							8.0	18.5		
S				1661	C5,2							8.1	18.5		
S				1722	C5,2							7.3	18.5		
S				1783	C5,2							8.5	18.5		
S				1846	C5,2							5.5	18.5		
S				1905	C5,2							8.3	18.5		
S				1963	C5,2							7.9	18.5		
S				1024	C5,2							8.0	18.5		
S				1018	C5,2							7.4	18.5		
S				1114	C5,2							8.0	18.5		
S				1121	C5,2							8.3	18.5		
S				1127	C5,2							8.4	18.5		
S				1133	C5,2							8.2	18.5		
S				1139	C5,2							7.8	18.5		
S				1145	C5,2							7.5	18.5		
S				1150	C5,2							8.6	18.5		
S				1157	C5,2							5.9	18.5		
S				1163	C5,2							8.0	18.5		
S				1169	C5,2							8.0	18.5		
S				1175	C5,2							8.2	18.5		
S				1182	C5,2							8.0	18.5		
S				1188	C5,2							7.7	18.5		
S				1194	C5,2							8.0	18.5		
S				1201	C5,2							8.3	18.5		
S				1206	C5,2							7.5	18.5		
S				1212	C5,2							8.5	18.5		
S				1218	C5,2							8.1	18.5		
S				1224	C5,2							8.1	18.5		

Structural Log

Code	From		To		Feature	S ₁ Dip Direct.	S ₂ Dip Direct.		Description
	10	14 16	20 22	24 26			28 30	32 34	
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	
			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			4,106		CS2		7,0	1,8,5	
S			4,166		CS2		8,0	1,8,5	
S			4,227		CS2		7,3	1,8,5	
S			4,284		CS2		8,5	1,8,5	
			4,337		CS2		6,5	1,8,5	
S			4,385		CS2		6,2	1,8,5	
S			4,438		CS2		7,7	1,8,5	
S			4,493		CS2		8,8	1,8,5	

Structural Log

Code	From		To		Feature	S ₁ Dip Direct.	S ₂ Dip Direct.		Description
	10	14 16	20 22	24 26			28 30	32 34	
S			141516	3	C1S12			7.9 18.5	
S			141612	4	C1S12			8.2 18.5	
S			141711	5	C1S12			7.9 18.5	
S			141717	6	C1S12			8.0 18.5	
S			141813	2	C1S12			8.7 18.5	
S			141819	5	C1S12			8.4 18.5	
S			141915	6	C1S12			8.5 18.5	
S			151011	7	C1S12			7.9 18.5	
S			151018	1	C1S12			8.0 18.5	
S			151113	9	C1S12			6.5 18.5	
S			151119	7	C1S12			9.0 18.5	
S			151215	8	C1S12			7.5 18.5	
S			151311	9	C1S12			7.9 18.5	
S			151318	0	C1S12			7.7 18.5	
S			151414	2	C1S12			6.5 18.5	
S			151510	4	C1S12			7.3 18.5	
S			151516	8	C1S12			8.3 18.5	
S			151612	9	C1S12			8.6 18.5	
S			151619	0	C1S12			7.6 18.5	
S			151715	1	C1S12			8.2 18.5	
S			151812	2	C1S12			6.4 18.5	
S			151817	3	C1S12			7.9 18.5	
S			151913	4	C1S12			7.1 18.5	
S			151919	5	C1S12			8.2 18.5	
S			160015	6	C1S12			6.6 18.5	
S			160117	7	C1S12			8.1 18.5	
S			160117	8	C1S12			8.0 18.5	
S			160213	9	C1S12			6.5 18.5	
S			160300	0	C1S12			6.7 18.5	
S			160306	1	C1S12			6.5 18.5	
S			160412	2	C1S12			8.5 18.5	
S			160418	3	C1S12			5.1 18.5	
S			160514	4	C1S12			5.3 18.5	
S			160605	5	C1S12			7.5 18.5	
S			160611	1	C1S12			7.0 18.5	
S			160714	6	C1S12			6.3 18.5	

Code	From	To	Sample No.	Description
	10 14 16 20 22 27			
	161217 1	161219 1	1 131416 13	2.0 4L73
P	161219 1	161311 1	1 131416 14	2.0 4L73
P	161311 1	161313 9	1 131416 15	2.0 4L73
P	161313 9	161314 2	1 131416 16	0.3 4C7
P	161314 2	161314 9	1 131416 17	0.7 4C78
P	161314 9	161317 1	1 131416 18	2.2 4C8
P	161317 1	161317 6	1 131416 19	0.5 4E0
P	161317 6	161318 2	1 131417 10	0.6 4G4
P	161318 2	161318 8	1 131417 11	0.6 4C8
P	161318 8	161319 4	1 131417 12	0.6 4E8
P	161319 4	161410 4	1 131417 13	1.0 4A0
P	161410 4	161413 1	1 131417 14	2.7 4C7
P	161413 1	161415 1	1 131417 15	2.0 4C7
P	161415 1	161417 1	1 131417 16	2.0 4C7
P	161417 1	161419 1	1 131417 17	2.0 4C7
P	161419 1	161511 1	1 131417 18	2.0 4C7
	161511 1	161511 5	1 131417 19	0.4 4A0
P	161511 5	161513 5	1 131418 10	2.0 4L7
P	161513 5	161514 4	1 131418 11	0.9 4L7
P	161514 4	161514 8	1 131418 12	0.4 4D4
P	161514 8	161516 2	1 131418 13	1.4 4G0
P	161516 2	161516 8	1 131418 14	0.6 4H4/4L7
P	161516 8	161517 5	1 131418 15	0.7 4H4
P	161517 5	161518 1	1 131418 16	0.6 4C8
P	161518 1	161518 5	1 131418 17	0.4 4G4
P	161518 5	161519 4	1 131418 18	0.9 4C0
P	161519 4	161519 9	1 131418 19	0.5 4G4
P	161519 9	161610 8	1 131419 10	0.9 5D0
P	161610 8	161612 3	1 131419 11	1.5 4G4
P	161612 3	161612 8	1 131419 12	0.5 4E1
P	161612 8	161613 4	1 131419 13	0.6 4A4/4E0
P	161613 4	161613 7	1 131419 14	0.3 4D0
	161613 7	161615 7	1 131419 15	2.0 4A0
P	161615 7	161618 5	1 131419 16	2.8 4A0
P	161618 5	161710 5	1 3149 17	2.0 4C0

