

Diamond Drill Logs - Dy
014945
(1978)

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Structural
data enteredHole Number: 78-X-01 Fabric Orientation Diagram:Project: DyLocation: Vangorda Plateau.Claim: Dy 43.UTM Terr. Plane
Co-ords.: 6,901,241.99 N597,296.99 EGrid
Co-ords.: 24+00 N15+00 E

All symmetry determinations looking

NW with 52 dippingElevation: 1128.27 m. SW with dip azimuth 185.Total Depth: 850.1 m.Purpose: Define sulfide horizonLogged by: DJH Date(s) Logged: —Drilling Contractor: Arctic D.D. Core: Size From To Collar Cased and Capped: NoNQ 0 850.1Started: March 19 Completed: April 29

Lithologic Log

Logged By: D.J.H.

Code	From	To	Unit	Code	Description
	10 14 16 20 22 23 25 27				
L	100	118	11	#	triconed - no core
L	118	143.9	12	5B11	→ 5B16; thin siliceous laminations; < 10% 5B0 interbanded; fault gouge and broken core 19.3-20.4 m.
L	143.9	153.0	13	5B10	weakly calc.; occasional py cubes
L	153.0	154.8	14	01010	10% 5B0 "xenoliths"
L	154.8	197.2	15	5B10	weakly → mod calc along int.; occasional py cubes
L	197.2	11216.9	16	5B16	→ 5B67?; occasional tuffaceous patches associated w/ bull qtz; occasional distinctive tuff laminations
L	11216.9	11612.6	17	5B10	→ 5B07?; weakly → mod. calc.
L	11612.6	11713.7	18	5B16	→ 5B67?; massive to weakly laminated
L	11713.7	11816.0	19	5B10	as unit 7
L	11816.0	12118.1	110	5B16	as unit 8; → 5B67?; massive to well laminated
L	12118.1	12129.3	111	0F16	f.g. ground mass; light green in colour; plag. phenos to 2 cm long. (~15%); ~ 15% qtz phenos; dyke wrt. S ₂ (contact angles in structure tog); qtz not smoky
L	12129.3	12132.7	112	5B17	→ 5B73; moderately calc.
L	12132.7	12812.3	113	5B16	→ 5B67; < 2% interbanded 5B73; ~5% grainy tuff interbanded; minor inter- banded f.g. dirty green tuff; broken core w/ minor gouge and mylonite 254.3 - 260.5 m.
L	12812.3	12813.6	114	5D16	f.g. dirty green tuff w/ minor grainy tuff interbanded
L	12813.6	12815.0	115	5B16	→ 5B67; as unit 13
L	12815.0	13147.1	116	5B17	→ 5B73; ~20% interlaminated & interbanded tuff (dirty green - f.g.); fault gouge & breccia 333.1 - 335.3 w/ attitude @ 335.3 of 15/185 to C.A.
L	13147.1	131510.5	117	5B16	as units 13 & 15
L	131510.5	131513.0	118	5D13	mod. → strongly calc.
L	131513.0	13172.7	119	5B10	mod. calc; v. minor interbanded 5D3

Code	From	To	Unit	Code	Description
1	10 14 16	22 23 25 27			
L	131727	1317135	2105D13		v. weakly calc. ; faulted upper ct.
L	1317135	1317164	2115B10		
L	1317164	1317178	2125D13		mod. calc
L	1317178	131926	2135B10		gradational upper ct over 2m
L	131926	131950	2145D13		faulted upper ct.
L	131950	1319187	2155B10		mod. calc
L	1319187	141026	2165D13		
L	141026	1410167	2175B10		
L	1410167	141227	2185D13		blocky core 421.4 → EOI. - good recovery
L	141227	1415170	2195B17		→ 5B73 ; 30% inter/aminated & inter-
	1111	1111	1111		banded 5D3 ; → 5BD.
L	1415170	1415197	3105D13		
L	1415197	1416192	3115B17		→ 5BD. → 5B73 as unit 29 ; 30% interbanded
	1111	1111	1111		& interlaminated 5D3 ; minor 5A1 interbanded
L	1416192	1417103	3125A13		weakly graphitic w/ 20 cm of 4E @
	1111	1111	1111		start of interval ; lower ct. grad. over
	1111	1111	1111		0.5m ;
L	1417103	141751	3135D16		minor interbanded sdes.
L	141751	141767	3144E1		minor po ; minor Pb/Zn ; ~30% interbanded
	1111	1111	1111		5D6
L	141767	141804	3155B10		50:50 interbanded 5B6 & 5D6
L	141804	141854	3164D10		→ 4D06? ; difficult to determine
	1111	1111	1111		how much barite is present (assay) ;
	1111	1111	1111		30 cm. of 4E8 in a fold closure @
	1111	1111	1111		484.4 m. ; good diss honey sph.
	1111	1111	1111		throughout interval (except 4E8)
L	141854	141877	3174L10		~20% total sdes (pyt minor po) ; 4CO?
L	141877	1419197	3185B17		→ 5B73 ; weakly calc. ; minor interbanded
	1111	1111	1111		5A & 5D ; becoming non-calc towards
	1111	1111	1111		end of int ; gauge @ 494.2 m & 496.2 m
L	1419197	151025	3195D13		fine grained, dirty green, poorly
	1111	1111	1111		laminated metatuff ; weakly → mod
	1111	1111	1111		calc.
L	151025	151341	4105D13		strongly calc ; minor marble bands ;
	1111	1111	1111		breccia @ 506.6 , 507.8
L	151341	1513184	4115D13		as unit 39

Code	From	To	Unit	Code	Description
1	10	14 16	20 22 23	25 27	
L	151384	151458	412	5D13	as unit 40; gradational lower ct. over 2m
L	151458	151609	413	5B10	→ 5B02 locally; gradational cts;
					minor interbanded 5D3.
L	151609	151646	414	5D13	as units 40 & 42
L	151646	151720	415	5D13	as units 39 & 41 w/ 30% SBO
					interlaminated
L	151720	151822	416	5D13	50:50 interbanded as unit 39:
					as unit 40
L	151822	151912	417	5D13	as unit 45; w/ 30% interbanded SBO
L	151912	161018	418	5D13	as unit 46; gradational cts
L	161018	161164	419	5B12	→ 5B26; minor SBO; becoming more
					graphitic along interval.
L	161164	161210	419	4D4	w/ 20% interbanded 5D?; ~15% Pb+Zn
L	161210	161212	511	5D16	< 10% 4D4 interbanded.
L	161212	161212	512	4A10	minor graphitic gouge @ EOI
L	161212	161213	513	5D16	
L	161213	161216	514	4A10	~20% interbanded 5A1; ~10% sdes (py)
L	161216	161217	515	5D16	
L	161217	161219	516	5A10	minor scattered po blebs; → 5A1 locally
L	161219	161303	517	4A10	10-20% sdes (mainly py)
L	161303	161425	518	4D10	~20% total sdes (py, gal, sph); perhaps
					6-8% comb.?; minor interbanded 5D6:
					& 4A0 & 4B0; 10% py?
L	161425	161458	519	5A1	minor interbanded 5D6 & 4D0; minor
					py, po
L	161458	161495	519	4A1	splasy sph; perhaps 15% comb.;
					lower ct. faulted @ 27' to c.a.
L	161495	161597	611	5B16	fault gouge & breccia 649.5-652.2m
L	161597	161627	612	5D13	w/ 30% interbanded 5D6
L	161627	161723	613	5B16	fault gouge & breccia 667.0-670.1m
L	161723	161763	614	5D13	
L	161763	161803	615	5B16	20% interbanded 5B0 (weakly calc)
L	161803	161838	616	5D13	
L	161838	161886	617	5B10	weakly to moderately calc
L	161886	161910	618	5D13	
L	161910	171018	619	5A1	→ 5A13 locally

Code	From			To			Unit	Code	Description
I	10	14	16	20	22	23	25	27	
L	1710182		171578	710	3160				→ 5B67? ; broken core & gouge ± breccia
									@ 723.6 - 724.5, 726.6 - 728.6,
									751.1 - 753.6, 756.2 - 757.8 ; phyllite
L	171578		1716102	711	4167				10% po.
L	1716102		171785	712	3160				as unit 70 ; broken core w/minor gouge
									768.2 - 769.1
L	171785		171970	713	4167				10% po lams.
L	171970		180179	714	31617				phyllite.
L	180179		181110	715	4167				10-15% po ; gradational lower ct.
L	181110		181150	716	31617				phyllite ; gradational
									lower ct.
L	181150		182150	717	3160				as units 70 & 72
L	182150		181501	718	31617				phyllite
			E10H						

Structural Log

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Code	From				To				Feature	S ₁ Dip Direct.	S ₂ Dip Direct.	Description
	1	10	14	16	20	22	24	26				
1	10	14	16	20	22	24	26	28	32	34	38	
S					18		IF2	S				triconed-no core : 0-1.8 m
S					18	8	CIS2			813	185	S sym 1.8-9.8 m.
S					19	8	IF2	S				Indeterminate 9.8-19.3 m.
S					13	7	CIS2			69	185	
S					18	2	CIS2			71	185	
S					19	3	IF2	S				Breccia : 19.3-20.4 m.
S					20	4	IF2	S			110	S sym 20.4-32.8 m.
S					23	2	CIS2			80	185	
S					29	4	CIS2			73	185	
S					32	8	IF2	E			114	Z sym 32.8-43.9 m.
S					33	8	CIS2			79	185	
S					37	5	CIS2			62	185	
S					43	4	CIS2			77	185	
S					43	9	IF2	3				S sym 43.9-48.0 m.
S					47	6	CIS2			75	185	
S					48	0	IF2	E				Z sym 48.0-59.4 m.
S					52	9	CIS2			78	185	
S					58	8	CIS2			59	185	
S					59	4	IF2	3				S sym 59.4-64.7 m.
S					62	8	CIS2			79	185	
S					64	7	IF2	E				Z sym 64.7-66.7 m.
S					65	2	CIS2			78	185	
S					66	7	IF2	3				S sym 66.7-72.6 m.
S					71	1	CIS2			73	185	
S					72	6	IF2	E				Z sym 72.6-87.6 m.
S					74	9	CIS2			76	185	
S					80	2	CIS2			85	185	
S					85	2	CIS2			85	185	
S					87	6	IF2	3				S sym 87.6-105.6 m.
S					90	7	CIS2			75	185	
S					95	2	CIS2			79	185	
S					100	0	CIS2			88	185	
S					105	0	CIS2			85	185	
S					105	6	IF2	E				Z sym 105.6-134.3 m.
S					115	0	CIS2			77	185	
S					120	0	CIS2			76	185	

Code	From			To			Feature	S ₁ Dip Direct.	S ₂ Dip Direct.		Description		
	1	10	14	16	20	22			24	26		28	32
S	1	1	1	1	1216	3	CIS2	1	1	1	65	185	
S	1	1	1	1	1300	0	CIS2	1	1	1	80	185	
S	1	1	1	1	1343	3	IF23	1	1	1	1	1	S sym 134.3 - 150.6 m.
S	1	1	1	1	1350	0	CIS2	1	1	1	71	185	(w/ minor horizontal &
S	1	1	1	1	1400	0	CIS2	1	1	1	90	185	minor indeterminate sym
S	1	1	1	1	1459	0	CIS2	1	1	1	75	185	
S	1	1	1	1	1495	0	CIS2	1	1	1	80	185	
S	1	1	1	1	1506	0	IF2E	1	1	1	1	1	Z sym 150.6 - 158.8 m.
S	1	1	1	1	1550	0	CIS2	1	1	1	82	185	(w/ ~ 40% S sym)
S	1	1	1	1	1588	0	IF23	1	1	1	1	1	S sym 158.8 - 184.4 m.
S	1	1	1	1	1602	0	CIS2	1	1	1	76	185	
S	1	1	1	1	1650	0	CIS2	1	1	1	77	185	
S	1	1	1	1	1701	0	CIS2	1	1	1	84	185	
S	1	1	1	1	1750	0	CIS2	1	1	1	74	185	
S	1	1	1	1	1800	0	CIS2	1	1	1	84	185	
S	1	1	1	1	1844	0	IF2E	1	1	1	1	1	Z sym 184.4 - 198.5 m.
S	1	1	1	1	1850	0	CIS2	1	1	1	79	185	
S	1	1	1	1	1906	0	CIS2	1	1	1	71	185	
S	1	1	1	1	1951	0	CIS2	1	1	1	81	185	
S	1	1	1	1	1985	0	IF23	1	1	1	1	1	S sym 198.5 - 201.7 m.
S	1	1	1	1	2100	0	CIS2	1	1	1	64	185	
S	1	1	1	1	2101	7	IF2E	1	1	1	1	1	Z sym 201.7 - 218.1
S	1	1	1	1	2105	3	CIS2	1	1	1	67	185	
S	1	1	1	1	2110	0	CIS2	1	1	1	54	185	
S	1	1	1	1	2151	0	CIS2	1	1	1	81	185	
S	1	1	1	1	2181	0	1WIT	1	1	1	25	185	contact &
	1	1	1	1	1	1	1	1	1	1	1	1	INT 218.1 - 229.3
S	1	1	1	1	2293	0	1WIT	1	1	1	520	105	contact &
S	1	1	1	1	2320	0	CIS2	1	1	1	71	185	Z sym 229.3 - 234.0 m.
S	1	1	1	1	2340	0	IF23	1	1	1	1	1	S sym 234.0 - 243.5 m.
S	1	1	1	1	2390	0	CIS2	1	1	1	79	185	
S	1	1	1	1	2435	0	IF2E	1	1	1	1	1	Z sym 243.5 - 249.0 m.
S	1	1	1	1	2450	0	CIS2	1	1	1	80	185	
S	1	1	1	1	2490	0	IF23	1	1	1	1	1	S sym 249.0 - 264.5 m.
S	1	1	1	1	2504	0	CIS2	1	1	1	74	185	
S	1	1	1	1	2548	0	CIS2	1	1	1	83	185	

Structural Log

Logged By: DJH

Code	From			To			Feature	SYE	S ₁		S ₂		Description	
	Dip Direct.			Dip Direct.					Dip Direct.					
1	10	14	16	20	22	24	26	28	32	34	38			
S				126	0	1	C/S	2				74	185	
S				126	4	5	F2	S						P.S. 2 264.5 - 268.5 m.
S				126	4	7	P/S	2				65	185	
S				126	8	5	F2	Z						Z syn. 268.5 - 279.7 m.
S				127	0	2	C/S	2				91	185	
S				127	5	1	C/S	2				81	185	
S				127	9	7	F2	3						S syn. 279.7 - 297.0 m.
S				128	0	3	C/S	2				21	185	
S				128	5	0	C/S	2				21	185	
S				129	1	0	C/S	2				75	185	
S				129	5	0	C/S	2				73	185	
S				129	7	0	F2	S						INT. syn. 297.0 - 301.4
S				130	0	5	C/S	2				81	185	
S				130	1	4	F2	S						S sym 301.4 - 308.5 m.
S				130	5	4	C/S	2				76	185	
S				130	8	5	F2	Z						Z sym 308.5 - 312.0 m.
S				131	1	0	C/S	2				76	185	
S				131	2	0	F2	3						S sym 312.0 - 320.3 m.
S				131	5	8	C/S	2				76	185	
S				132	0	0	C/S	2				70	185	
S				132	0	3	F2	E						Z sym 320.3 - 326.0 m.
S				132	5	0	C/S	2				81	185	
S				132	6	0	F2	3						S sym 326.0 - 353.9 m.
S				133	0	0	C/S	2				81	185	
S				133	5	7	C/S	2				64	185	- fault
S				134	0	0	C/S	2				82	185	
S				134	5	0	C/S	2				67	185	
S				135	0	0	C/S	2				65	185	
S				135	3	9	F2	E						Z sym 353.9 - 358.3 m.
S				135	5	0	C/S	2				83	185	
S				135	8	3	F2	3						S sym 358.3 - 377.0 m.
S				136	0	2	C/S	2				62	185	
S				136	5	1	C/S	2				74	185	
S				137	0	2	C/S	2				80	185	
S				137	5	0	C/S	2				80	185	
S				137	7	0	F2	E						Z sym 377.0 - 382.5 m.

Structural Log

Logged By: DJH

Code	From	To	Feature	S ₁ Dip Direct.	S ₂ Dip Direct.	Description
1	10	14 16	20 22 24 26	28 32	34 38	
S	1111	38101	C/S R	111	86/185	
S	1111	3825	F2 3	111	111	S sym 382.5 - 386.8 m
S	1111	3850	C/S R	111	75/185	
S	1111	3868	F2 S	111	111	Indeterminate sym 386.8 -
S	1111	3880	C/S R	111	80/185	389.3 m
S	1111	3868	F2 Z	111	111	Z sym 386.8 - 395.6 m
S	1111	3905	C/S R	111	73/185	
S	1111	3954	C/S R	111	77/185	
S	1111	3956	F2 3	111	111	S sym 395.6 - 405.5 m
S	1111	4008	C/S R	111	84/185	
S	1111	4052	C/S R	111	75/185	
S	1111	4055	F2 E	111	111	Z sym 405.5 - 409.5 m
S	1111	4083	C/S R	111	79/185	(lots of M sym.)
S	1111	4095	F2 3	111	111	S sym 409.5 - 419.4 m
S	1111	4100	C/S R	111	80/185	
S	1111	4150	C/S R	111	80/185	
S	1111	4194	F2 E	111	111	Z sym 419.4 - 427.0 m
S	1111	4200	C/S R	111	74/185	
S	1111	4250	C/S R	111	79/185	
S	1111	4270	F2 3	111	111	S sym 427.0 - 432.7 m
S	1111	4300	C/S R	111	90/185	
S	1111	4327	F2 E	111	111	Z sym 432.7 - 437.0 m
S	1111	4348	C/S R	111	67/185	
S	1111	4370	F2 3	111	111	S sym 437.0 - 451.8 m
S	1111	4407	C/S R	111	66/185	(minor Z)
S	1111	4454	C/S R	111	70/185	
S	1111	4503	C/S R	111	77/185	
S	1111	4518	F2 E	111	111	Z sym 451.8 - 470.0 m
S	1111	4550	C/S R	111	90/185	(minor S)
S	1111	4602	C/S R	111	83/185	
S	1111	4650	C/S R	111	83/185	
S	1111	4700	F2 3	111	111	S sym 470.0 - 488.0 m
S	1111	4705	C/S R	111	82/185	
S	1111	4750	C/S R	111	70/185	
S	1111	4800	C/S R	111	87/185	
S	1111	4850	C/S R	111	78/185	

Structural Log

Logged By: DJH

Code	From	To	Feature	S ₁ Dip Direct.	S ₂ Dip Direct.	Description
1	10	14 16	20 22 24 26 28	32 34	38	
S	1111	161187	IFR2S	1111	1111	S sym 618.7 - 622.3 m
S	1111	161203	CIS12	1111	715/185	
S	1111	1612123	IFR2E	1111	1111	Z sym 622.3 - 633.8 m
S	1111	1612150	CIS12	1111	710/185	
S	1111	1613100	CIS12	1111	714/185	
S	1111	161338	IFR23	1111	1111	S sym 633.8 - 647.0 m
S	1111	161350	CIS12	1111	811/185	
S	1111	1613197	CIS12	1111	810/185	
S	1111	1614150	CIS12	1111	810/185	
S	1111	1614170	IFR2E	1111	1111	- Z sym 647.0 - 648.7 m
	1111	1111	1111	1111	1111	- FAULT ZONE 648.7 - 652.2
	1111	1111	1111	1111	1111	NO sym - no S2
S	1111	1615122	IFR2S	1111	1111	S sym 652.2 - 660.7 m
S	1111	1615150	CIS12	1111	618/185	
S	1111	1615197	CIS12	1111	614/185	
S	1111	161607	IFR2E	1111	1111	Z sym 660.7 - 666.2
S	1111	1616150	CIS12	1111	717/185	
S	1111	1616162	IFR2Z	1111	1111	Fault zone 666.2 - 670.1
	1111	1111	1111	1111	1111	- no sym, no S2
S	1111	1617101	IFR2S	1111	1111	S sym 670.1 - 689.0
S	1111	1617119	CIS12	1111	712/185	
S	1111	1617150	CIS12	1111	612/185	
S	1111	1618100	CIS12	1111	610/185	
S	1111	1618150	CIS12	1111	614/185	
S	1111	1618190	IFR2E	1111	1111	Z sym 689.0 - 698.8
S	1111	1619100	CIS12	1111	812/185	
S	1111	1619191	CIS12	1111	718/185	
S	1111	1619188	IFR23	1111	1111	S sym 698.8 - 703.3
S	1111	1710100	CIS12	1111	615/185	
S	1111	171033	IFR2E	1111	1111	Z sym 703.3 - 708.7
S	1111	1710155	CIS12	1111	810/185	
S	1111	171087	IFR23	1111	1111	S sym 708.7 - 712.0
S	1111	171100	CIS12	1111	817/185	
S	1111	171120	IFR2E	1111	1111	Z sym 712.0 - 717.8
S	1111	171150	CIS12	1111	810/185	
S	1111	171178	IFR23	1111	1111	S sym 717.8 - 723.6

Logged By: DTH

[illegible]

Sampled By: EKB

- 1.3 m @ nil grade

78x-02

CYPRUS ANVIL MINING CORPORATIONDIAMOND DRILL CORE LOGHole Number: 78X-02 Fabric Orientation Diagram:Project: Dy.Location: Vangorda PlateauClaim: Dy 43UTM Terr. Plane
Co-ords.: 6,901,023.29 N597,549.67 EMetric Grid
Co-ords.: 18+00 E.22+50 N

All symmetry determinations looking

NW with S2 dippingElevation: 1084.67 SW with dip azimuth 185.Total Depth: 807.7 m.Purpose: Define sulfide horizon.Logged by: RTH Date(s) Logged: AprilDrilling Contractor: Arctic Core: Size From To Collar Cased and Capped: NoNQ 0 363.0BQ 363.0 807.7Started: March 23 Completed: April 23

DDH 78-X-02
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Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments					
1	2	8	10	14	22	26	28	32	34	56
R	781-X1-102	1100	1810.0	19.0	AT COLLAR					
R	781-X1-102	11305	178.5	267.3	GYROSCOPIC SURVEY					
R	781-X1-102	11610	176.8	277.2						
R	781-X1-102	11914	176.7	282.5						
R	781-X1-102	11219	175.8	284.3						
R	781-X1-102	11524	172.0	292.7						
R	781-X1-102	11829	170.3	303.8						
R	781-X1-102	12134	170.0	305.6						
R	781-X1-102	12438	171.3	304.1						
R	781-X1-102	12743	171.4	301.16						
R	781-X1-102	13048	171.3	302.0						
R	781-X1-102	13353	170.6	301.1						
R	781-X1-102	13658	169.0	302.0						
R	781-X1-102	13962	168.7	303.3						
R	781-X1-102	14267	168.0	300.4						
R	781-X1-102	14572	171.2	304.8						

[illegible]

Code	From	To	Unit	Code	Description
1	10	14 16 20	22 23 25 27		
L	100	136	1	1#	triconed - no core
L	136	1726	12	51810	mod → weakly calc.; gradational lower ct.
L	1726	11299	13	5186	massive → poorly laminated, dark grey green, non-calc phyllite; QzO qtz "sweats" 108.2-108.7, 110.4-111.0, 112.4-113.0; gouge w/ broken and/or lost core w/ w/b breccia, 84.6-85.4, 122.2-129.9
L	11299	11616	14	51810	as unit 2; light → med. grey green, strongly calc.
L	11616	11634	15	51816	as unit 3; brecciated
L	11634	12317	16	51810	as units 2 & 4; gouge 192.2-192.5
L	12317	12324	17	51812	→ 5823
L	12324	12663	18	51810	as units 2, 4 & 6 w/ increasing tuff component towards end of interval; → 5873
L	12663	12693	19	51818	→ 5873; 50:50 interbanded 580 & 583
L	12693	12697	110	51813	--
L	12697	12727	111	51818	→ 5873 as unit 9; f.g. dirty green tuff
L	12727	12841	112	51817	→ 5873; 20-30% "grainy" interbands.
L	12841	12964	113	51817	→ 5876;
L	12964	13069	114	51817	→ 5873; → 583 locally
L	13069	13125	115	51817	→ 5876
L	13125	13148	116	51810	50:50 interbanded 5876 & 586; "grainy" tuff w/ minor f.g. dirty green tuff bands
L	13148	13200	117	51816	thinly laminated → banded f.g. tuff w/ minor grit interbands
L	13200	13270	118	51817	→ 5873; w/ minor 583 interbanded.
L	13270	13587	119	51813	~10% 58 interlamination; minor 580 interbanded; strongly calc.; fissile
L	13587	13816	120	51817	→ 5873; grad. upper ct; minor "grainy" tuff? interbands; ~20% interbanded 583; mod calc w/ minor 586 interbanded.
L	13816	14132	21	01010	upper ct. crudely conformable wrt S2; lower ct @ 32 to C.A. & dike wrt S2; → 010 qtz + felds. phenos; < 10% mafics (bio)
L	14132	15073	212	51817	→ 5873; minor interbanded 583 & 586; generally 10' runs; minor breccia 455.7-458.3 m.

Core	From	To	Unit	Code	Description
	10 14 16 20 22 23 25 27				
L	15073	15087	213	51A13	
L	15087	15126	214	4K17	interbanded & interlaminated po (5%); or 5B4(po) + interbanded 5D6
L	15126	15156	215	4E10	w/30% interbanded quartzes w/ minor tufts; no visible base metal values
L	15156	15164	216	51A17	weakly brecciated; remotely resembles "marker" unit
L	15164	15268	217	51D13	10% interbanded 5B; strongly cat. generally thinly laminated variety
L	15268	15359	218	51B17	→ 5B73; minor interbanded 5D3
L	15359	15417	219	51B16	→ 5B67?; minor interbanded 5B4(po)
L	15417	15431	310	51B4	→ 5B4(po) or 4L7
L	15431	15623	311	51D13	as unit 27; minor f.g. fairly massive tuff interbanded (5D6)
L	15623	15790	312	51B6	minor 4L7 or 5B4(po) interbanded
L	15790	15801	313	51A11	
L	15801	15809	314	51D16	
L	15809	15810	315	51A11	as unit 33
L	15810	15816	316	4E14	5% siliceous mottles; ~15% Pb+Zn
L	15816	15822	317	51A11	as units 33 & 35; ~20% QQQ sub//S2
L	15822	15850	318	51D16	as unit 34; no sdes
L	15850	15856	319	51A11	as units 33, 35, 37
L	15856	15899	410	4A14	minor interbanded 5D6; 9-11% Pb+Zn
L	15899	15917	411	51A11	→ 5A19; <5% py+po; no visible base metal content; 6-8% Pb+Zn
L	15917	15976	412	4A14	as unit 40 w/ lower base metal content
L	15976	15986	413	4A10	~10% sdes (py); ground generally "blocky" but no visible gouge
L	15986	15998	414	51D16	→ 5D6; minor scattered po
L	15998	16010	415	51A11	→ 5A19; ~5% po bands & blebs
L	16010	16018	416	51D16	
L	16018	16033	417	51A10	minor 5B6 @ top of int.; minor py po
L	16033	16065	418	51A10	50:50 interbanded 5A19(po) and 5D6 w/ minor 5D3

Lithologic Log

Logged By: DJH

Code	From	To	Unit	Code	Description
1	10	14	16	20	22 23 25 27
L	1610165	161118	419	5D16	
L	161118	161127	50	5A10	no sdes
L	161127	161140	51	5B16	minor interbanded 5A0
L	161140	161159	52	5A11	→ 5A19 (po)
L	161159	161176	53	4L17	10% po; white mica alteration; or 5B4 (po)
L	161176	161218	54	5B16	→ 5B69
L	161218	161222	55	5A10	no sdes.
L	161222	161269	56	4L17	as unit 53; or 5B4 (po)
L	161269	161326	57	5B16	→ 5B69 as unit 54
L	161326	161368	58	4L17	as units 53 & 56
L	161368	161385	59	5B16	→ 5B69 as units 54 & 57
L	161385	161405	60	4C17	20% banded po
L	161405	161440	61	4A0	5-6% Pb+Zn
L	161440	161530	62	4C17	as unit 60
L	161530	161551	63	4A4	splasy sph. lams.
L	161551	161629	64	51	minor interbanded 4A
L	161629	161644	65	516	no sdes.
L	161644	161743	66	5A11	as unit 64; blocky core & gouge
	1111	1111	1	11	673.0 → E.O.I.
L	161743	161876	67	4EA	→ 4EA4; 50:50 interbanded 4E & 4A;
	1111	1111	1	11	10-12% Pb+Zn; qtzites only weakly
	1111	1111	1	11	graphitic towards EOI; 5D interbands
	1111	1111	1	11	@ 677.0 & 678.4
L	161876	161905	68	4E1C	minor base metal values.
L	161905	161989	69	4D10	→ 4B0 locally; thin sph rich lams;
	1111	1111	1	11	<10% py overall.
L	161989	170122	70	4A0	sph. rich bands & lams.
L	170122	170139	71	5A11	no sdes; 20 cm tuff @ EOI
L	170139	170154	72	4A4	loaded w/ sph; poorly ribbon banded;
	1111	1111	1	11	10 cm massive po @ EOI
L	170154	170159	73	5A11	no sdes.
L	170159	170197	74	5D13	weakly calc.
L	170197	171170	75	5B10	→ 5B0.9 (po) locally
L	171170	171181	76	5D13	as unit 74
L	171181	171432	77	3610	5B6?; → 3602 locally; blocky core

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[illegible]

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Cyprus Anvil Mining Corp.

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Logged By: _____

Geochemical Log (Sampler's Copy)

Sampled By: S.K.B.

Code	From	To	Sample No.	Description
I	10	14 16	20 22 27	unit. recovery.
P	151810	151816	1251810 4E4	.6 m.
	1111	1111	111111	
P	1518156	1518169	1251811 4A4	1.3 m.
P	1518169	1518189	1251812 4A4	2.0 m.
P	1518189	1518199	1251813 4A4	1.0 m.
P	1518199	151917	1251814 5A1	1.8 m.
P	151917	1519137	1251815 4A4	2.0 m.
P	1519137	1519157	1251816 4A4	2.0 m.
P	1519157	1519176	1251817 4A4	1.9 m.
P	1519176	1519186	1251818 4A0	1.0 m.
	1111	1111	111111	
P	1614105	1614125	1251915	2.0 m.
P	1614125	1614140	1251916	1.5 m.
P	1614140	1614160	1251917	2.0 m.
P	1614160	1614180	1251918	2.0 m.
P	1614180	1615100	1251919	2.0 m.
P	1615100	1615120	1261010	2.0 m.
P	1615120	1615130	1271011	0.9 m.
P	1615130	1615140	1271012	1.0 m.
P	1615140	1615151	1271013	1.1 m.
	1111	1111	111111	
P	1617143	1617163	1271014	2.0 m.
P	1617163	1617183	1271015	2.0 m.
P	1617183	1618103	1271016	2.0 m.
P	1618103	1618123	1271017	1.6 m.
P	1618123	1618143	1271018	1.8 m.
P	1618143	1618163	1271019	1.7 m.
P	1618163	1618176	1271110	1.3 m.
P	1618176	1618186	1271111	0.9 m.
P	1618186	1619105	1271112	1.9 m.
P	1619105	1619125	1271113	2.0 m.
P	1619125	1619145	1271114	1.6 m.
P	1619145	1619165	1271115	2.0 m.
P	1619165	1619175	1271116	0.9 m.
P	1619175	1619189	1271117	1.4 m.
P	1619189	1710109	1271118	2.0 m.

Geochemical Log (Sampler's Copy)

[illegible]

DDH 78-X-0.2
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Structural LogPage 10 of 15
Logged By: DJH

Code	From			To			Feature	E S	S ₁ Dip Direct.		S ₂ Dip Direct.		Description
	1	10	14	16	20	22	24		26	28	32	34	
S					136	F12	S						S sym 3.6-15.6 m
S					162	C1S12					78	185	
S					173	C1S12					80	185	
S					156	F12	E				78	185	Z sym 15.6-18.7 m
S					187	F12	3						S sym 18.7-23.2 m
S					208	C1S12					78	185	
S					232	F12	S						Indeterminate sym. 23.2-
S					260	C1S12					63	185	31.4 m (w/minor S sym)
S					314	F12	E				81	185	Z sym 31.4-38.8 m
S					356	C1S12					81	185	
S					388	F12	3						S sym 38.8-50.4 m
S					420	C1S12					85	185	
S					479	C1S12					78	185	
S					504	F12	E						Z sym 50.4-61.7 m
S					530	C1S12					51	185	
S					570	C1S12					72	185	
S					617	F12	Z						Horizontal S ₂ 61.7-66.0 m
S					630	C1S12					910	185	
S					660	F12	Z						Z sym 66.0-88.6 m
S					685	C1S12					72	185	
S					730	C1S12					77	185	
S					788	C1S12					80	185	
S					844	C1S12					65	185	
S					886	F12	3						S sym 88.6-94.1 m
S					910	C1S12					710	185	
S					941	F12	E						Z sym 94.1-101.9 m
S					950	C1S12					63	185	
S					1010	C1S12					65	185	
S					1019	F12	3						S sym 101.9-122.2 m
S					1070	C1S12					810	185	
S					11130	C1S12					64	185	
S					1168	C1S12					67	185	
S					1200	C1S12					75	185	
S					1222	F12	S						Breccia 122.2-129.9 m
S					13100	C1S12					78	185	Indeterminate sym
													129.9-135.7

Structural Log

Logged By: DJH

Code	From	To	Feature	E S	S ₁ Dip Direct.	S ₂ Dip Direct.	Description
1	10	14 16	20 22 24 26	28	32	34 36	
S	1111	11357	F2S	1111	1111	1111	S sym 135.7 - 145.7 m.
S	1111	11362	CS12	1111	1111	70/185	
S	1111	11396	CS12	1111	1111	70/185	
S	1111	11457	F2E	1111	1111	78/185	Z sym 145.7 - 154.7 m.
S	1111	11515	CS12	1111	1111	75/185	
S	1111	11547	F23	1111	1111	85/185	S sym 154.7 - 159.0 m.
S	1111	11590	F2S	1111	1111	1111	PS2 w/minor breccia
S	1111	11606	PS2	1111	1111	80/185	159.0 - 164.8 m.
S	1111	11648	F2S	1111	1111	1111	S sym 164.8 - 193.0 m.
S	1111	11652	CS12	1111	1111	71/185	
S	1111	11700	CS12	1111	1111	82/185	
S	1111	11759	CS12	1111	1111	70/185	
S	1111	11794	CS12	1111	1111	64/185	
S	1111	11850	CS12	1111	1111	75/185	
S	1111	11910	CS12	1111	1111	75/185	
S	1111	11930	F2E	1111	1111	1111	Z sym 193.0 - 197.0 m.
S	1111	11951	CS12	1111	1111	75/185	
S	1111	11970	F23	1111	1111	1111	S sym 197.0 - 202.8 m.
S	1111	12000	CS12	1111	1111	84/185	
S	1111	12028	F2E	1111	1111	1111	Z sym w/minor H 202.8 -
S	1111	12050	CS12	1111	1111	79/185	209.5 m.
S	1111	12095	F23	1111	1111	88/185	S sym w/minor H 209.5 -
S	1111	12154	CS12	1111	1111	80/185	218.9 m.
S	1111	12189	F2E	1111	1111	1111	Z sym 218.9 - 233.5
S	1111	12212	CS12	1111	1111	80/185	
S	1111	12250	CS12	1111	1111	80/185	
S	1111	12302	CS12	1111	1111	90/185	
S	1111	12335	F23	1111	1111	1111	S sym w/minor ind. and
S	1111	12340	CS12	1111	1111	80/185	horiz, 233.5 - 243.8 m
S	1111	12400	CS12	1111	1111	80/185	
S	1111	12438	F2E	1111	1111	1111	Z sym 243.8 - 246.2 m.
S	1111	12450	CS12	1111	1111	73/185	
S	1111	12462	F23	1111	1111	1111	S sym 246.2 - 293.0 m.
S	1111	12490	CS12	1111	1111	75/185	
S	1111	12550	CS12	1111	1111	80/185	
S	1111	12610	CS12	1111	1111	67/185	

Code	From	To	Feature	S ₁ Dip Direct.	S ₂ Dip Direct.	Description
1	10	14 16	20 22 24	26 28	32 34 38	
S	1111	121653	CS12	111	75/1815	
S	1111	12703	CS12	111	90/1815	
S	1111	121763	CS12	111	75/1815	
S	1111	12800	CS12	111	75/1815	
S	1111	12856	CS12	111	80/1815	
S	1111	12917	CS12	111	82/1815	
S	1111	12930	IF2E	111	111	Z sym 293.0 - 297.9 m.
S	1111	12953	CS12	111	82/1815	
S	1111	12979	IF23	111	111	S sym 297.9 - 304.5 m.
S	1111	130108	CS12	111	80/1815	
S	1111	130140	CS12	111	78/1815	
S	1111	130145	IF2S	111	111	Horiz. S2 304.5 - 310.1 m.
S	1111	131101	IF2S	111	90/1815	S sym 310.1 - 322.5 m.
S	1111	131150	CS12	111	72/1815	
S	1111	131191	CS12	111	82/1815	
S	1111	13225	IF2E	111	111	Z sym 322.5 - 332.0 m.
S	1111	13252	CS12	111	79/1815	
S	1111	133113	CS12	111	87/1815	
S	1111	13320	IF2	111	111	S sym 332.0 - 349.2 m.
S	1111	13350	CS12	111	80/1815	
S	1111	13404	CS12	111	84/1815	
S	1111	13464	CS12	111	75/1815	
S	1111	13492	IF2M	111	80/1815	Horiz. S2 349.2 - 359.0 m.
S	1111	135150	CS12	111	90/1815	
S	1111	135190	IF2S	111	111	S sym 359.0 - 381.6 m.
S	1111	136118	CS12	111	82/1815	
S	1111	136183	CS12	111	72/1815	
S	1111	137140	CS12	111	65/1815	
S	1111	138100	CS12	111	617/1815	
S	1111	138116	IF2S	111	111	Intrusive 381.6 - 413.2 m.
S	1111	141132	IF2S	111	111	S sym 413.2 - 423.3 m.
S	1111	141134	CS12	111	82/1815	
S	1111	141193	CS12	111	75/1815	
S	1111	142133	IF2E	111	111	M sym 423.3 - 439.7 m.
S	1111	142158	CS12	111	74/1815	
S	1111	143113	CS12	111	68/1815	

Code	From			To		Feature		S ₁	Dip Direct.		S ₂	Dip Direct.		Description
1	10	14	16	20	22	24	26	28	32	34	38			
S				143166	CIS12					713	1815			
S				14397	FRZ							Z sym		439.7 - 457.3 m
S				14423	CIS12					712	1815			
S				14485	CIS12					80	1815			
S				14548	CIS12					617	1815			
S				14573	FRZ							Breccia		457.3 - 458.1 m
												@ 015/185		
S				14581	FRZ							Z sym		458.1 - 465.3 m
S				14593	CIS12					75	1815			
S				14653	FRZ					810	1815			
S				14715	CIS12					81	1815	S sym		465.3 - 522.1 m
S				147176	CIS12					810	1815			
S				148137	CIS12					813	1815			
S				14895	CIS12					810	1815			
S				14956	CIS12					810	1815			
S				15017	CIS12					81	1815			
S				15081	CIS12					715	1815			
S				15142	CIS12					710	1815			
S				152106	CIS12					810	1815			
S				152121	FRZ							Z --- sym		522.1 - 524.0 m
S				152140	FRZ							S sym		524.0 - 527.2 m
S				152160	CIS12					718	1815			
S				152172	FRZ							Z sym		527.2 - 528.5 m
S				152185	FRZ							S sym		528.5 - 539.9 m
S				153125	CIS12					616	1815			
S				153186	CIS12					712	1815			
S				153199	FRZ							Z sym		539.9 - 555.4 m
S				154146	CIS12					715	1815			
S				155106	CIS12					815	1815			
S				155154	FRZ							S sym		555.4 - 611.5 m
S				155166	CIS12					710	1815			
S				156128	CIS12					618	1815			
S				156187	CIS12					712	1815			
S				157151	CIS12					710	1815			
S				157193	CIS12					612	1815			
S				15848	CIS12					718	1815			

Logged By: DST/DJH.

[illegible]

Logged By: DJH

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78X-03

CYPRUS ANVIL MINING CORPORATIONDIAMOND DRILL CORE LOGHole Number: 78-X-03

Fabric Orientation Diagram:

Project: DyLocation: Vangorda PlateauClaim: Dy 43UTM. Terr. Plane
Co-ords.: 6901315.95 N597,621.71 EMetric Grid
Co-ords.: 25+50 N18+00 E.

All symmetry determinations looking

NW with 52 dippingElevation: 1058.66 m.SW with dip azimuth 185.Total Depth: 876.3 m.Purpose: Define Sulfide Horizon.Logged by: DSJ/DJH Date(s) Logged: 7Drilling Contractor: Arctic D.D. Core: Size From To Collar Cased and Capped: NQ 0 710.2BQ 710.2 876.3Started: April 24 Completed: May 16

No	From			To			Unit		Code		Description
	10	14	16	20	22	23	25	27			
L	11120	13140	11	11	#						triconed / no core
L	13140	13190	12	51D13							
L	13190	13192	13	51C13							
L	13192	13194	14	51D13							
L	13194	14147	15	51C16							-prob. ultramafic w/ pyrox phenos well preserved w/ local shears containing chrysotile.
L	14147	14161	16	51D16							
L	14161	14177	17	51D13							-unit shows FeMg CO ₃ specks throughout.
L	14177	15106	18	51D13							
L	15106	15153	19	51B17							→5B73
L	15153	15156	10	51B13							
L	15156	15193	11	51B17							→5B73
L	15193	16101	12	51D16							
L	16101	17145	13	51B17							→5B73 or 5B10; unit 5B appears tuffaceous throughout this hole.
L	17145	17159	14	51D13							
L	17159	17193	15	51B10							→5B73
L	17193	18127	16	51D13							
L	18127	18177	17	51B10							
L	18177	19137	18	51D13							
L	19137	19150	19	51B10							
L	19150	19185	20	51D13							
L	19185	110145	21	51B10							
L	110145	110147	22	51D13							
L	110147	110169	23	51B10							
L	110169	110177	24	51E10							
L	110177	110184	25	51B10							
L	110184	110187	26	51E10							
L	110187	113107	27	51B10							
L	113107	113115	28	51D13							
L	113115	115177	29	51B10							
L	115177	115185	30	51D13							
L	115185	115190	31	51B10							
L	115190	115192	32	51D13							

Code	From			To			Unit	Code	Description		
1	10	14	16	20	22	23	25	27			
L	1	15	9	2	1	16	1	2	3	3	51810 → 5B73
L	1	16	1	2	1	16	1	5	3	4	51013
L	1	16	1	5	1	16	1	6	3	5	51817 → 5B73
L	1	16	1	6	1	17	1	7	3	6	51810
L	1	17	1	7	1	17	1	9	3	7	51817 → 5B73
L	1	17	1	9	1	18	1	9	3	8	51810
L	1	18	1	9	1	18	1	9	3	9	51810
L	1	18	1	9	1	19	1	0	4	10	51817 → 5B73
L	1	19	1	0	1	19	1	0	4	11	51810
L	1	19	1	0	1	19	1	3	4	12	51817 → 5B73
L	1	19	1	3	1	19	1	3	4	13	51013
L	1	19	1	3	1	20	1	1	4	14	51810 → 5B73
L	1	20	1	1	1	20	1	2	4	15	51810
L	1	20	1	2	1	23	1	0	9	46	51817 → 5B73 ; 50:50 interbanded w/5B0
L	1	23	1	0	1	23	1	1	2	47	51013
L	1	23	1	1	1	23	1	3	2	48	51817 → 5B73
L	1	23	1	3	1	23	1	5	2	49	51013 → 5DB3
L	1	23	1	5	1	23	1	9	6	50	51817 → 5B73
L	1	23	1	9	1	24	1	8	9	51	51013 → 5DB3
L	1	24	1	8	1	25	1	4	0	52	01E8 ct. 65° to c.A. in direction 005°--
L	1	25	1	4	1	27	1	7	3	53	01F10 not identical to 0F0 @ mine but
	1	1	1	1	1	1	1	1	1	1	granodiorite core of diorite dike
	1	1	1	1	1	1	1	1	1	1	w/ zoned Kspar and slightly
	1	1	1	1	1	1	1	1	1	1	smokey gtz. phenos.
L	1	27	1	7	1	28	1	0	3	54	01E18 - lower ct. @ 70° to c.A. in
	1	1	1	1	1	1	1	1	1	1	direction 185°
L	1	28	1	0	1	28	1	5	0	55	51013 → 5B73
L	1	28	1	5	1	29	1	2	8	56	51810 → 5B73 locally
L	1	29	1	2	1	30	1	0	7	57	51013
L	1	30	1	0	1	30	1	1	5	58	51817 → 5B73
L	1	30	1	1	1	30	1	3	9	59	51013
L	1	30	1	3	1	30	1	6	4	60	51817 → 5B73
L	1	30	1	6	1	31	1	1	1	61	51817 → 5B73 ; fault gouge zone ; gouge
	1	1	1	1	1	1	1	1	1	1	foliaform w/ s2
L	1	31	1	1	1	31	1	4	9	62	51810 → 5B73 locally ; very calc.
L	1	31	1	4	1	32	1	0	0	63	51013

Code	From	To	Unit	Code	Description
	10 14 16 20 22 23 25 27				
L	131200	131339	614	5B10	w/minor 5B73
L	131339	131555	65	5D3	
L	131555	131655	66	5B17	→ 5B73
L	131655	131656	67	5B10	
L	131656	140143	68	5B17	→ 5B73
L	140143	140147	69	5B17	→ 5B73 gouge; top @ 75/185; bottom @ 50/150
L	140147	140186	70	5B17	→ 5B73
L	140186	141168	71	5B17	→ 5B73 "crackles" or incipient breccia w/ 100% "harder" fillings
L	141168	141187	72	5D3	
L	141187	142442	73	5G10	w/ 10% interbanded 5D3 } correlates w/ 4A
L	142442	14271	74	5G10	→ 5G10 50:50 5G/5D bands } section on 77X-08
L	14271	14325	75	5B17	→ 5B73
L	14325	14410	76	5D8	→ 5D83
L	14410	14508	77	5D3	
L	14508	14525	78	5G10	30 cm 5G10 & 30 cm 5D9 po-rich (20%) at beginning as units 73, 74
L	14525	14571	79	5D6	
L	14571	14581	80	5D3	
L	14581	14716	81	5D6	"mottled" "welded" or xl. tuff "Leopard Rock" - unit c.f. GMS @ Britannia - chlon mottled schist; gouge @ 469.2 m. 25 possible prob. 52 fold
L	14716	14726	82	5B16	
L	14726	14781	83	5D6	as unit 81
L	14781	14805	84	5B16	
L	14805	14824	85	5B17	→ 5B73
L	14824	14871	86	5D3	
L	14871	14946	87	5B17	→ 5B73
L	14946	14992	88	5D6	
L	14992	15008	89	5B16	minor 5D6 interbands
L	15008	15066	90	5A10	→ 5A9 w/ 2-3% ^{diss.} po everywhere; <1% strataform py + qtz phnolite
L	15066	15092	91	5D13	→ 5D13 w/ 10% strataform po uniform over interval
L	15092	15276	92	5B10	→ 5B2 locally w/ 15% interbanded 5D3
L	15276	15471	93	5D3	mainly lam. banded w/ 10% 5D6 as units 73, 74
L	15471	15485	94	5B10	interval broken w/ some gouge
L	15485	15535	95	5D3	
L	15535	15568	96	5B10	w/ 2-5% 5D3 interbands

Code	From	To	Unit	Code	Description
1	10	14 16	20	22 23 25 27	
L	1516168	1516163	917	5D13	
L	1516163	151730	918	5B16	
L	151730	151904	919	5B12	→ 5B26 may correlate to graph horizons in 77X-06; no sulfs
L	151904	161013	2010	5B16	
L	161013	1610150	011	5D13	
L	1610150	1611164	012	5B16	
L	1611164	161205	013	5D13	and interbanded 5D xl. tuff as units 73, 74 40% 60% lam band
L	161205	161370	014	5B16	
L	161370	161376	015	5D13	low. banded variety
L	161376	161449	016	5D16	
L	161449	161730	017	5D13	
L	161730	161746	018	5B16	
L	161746	161888	019	5D13	generally well banded w/ minor mottled
					and fine grained massive varieties
					interbanded.
L	161888	161901	110	5D13	mottled variety; minor 5D6 interbanded
L	161901	161916	111	5D13	laminarly banded variety
L	161916	161970	112	5B16	
L	161970	161991	113	5B12	→ 5B26
L	161991	171068	114	5D13	laminarly banded variety; 10% 5B6
					interbanded.
L	171068	171115	115	5B17	→ 5B73; w/ minor 5B6 interbanded;
					; end of NQ
L	171115	171132	116	5D13	ALL BELOW COULD BE UNIT 3
L	171132	171245	117	5B16	→ 5B67
L	171245	171259	118	5D13	
L	171259	181013	119	5B16	→ 5B67; < 5% 5D3 interbanded; 367?
					bio. starting from ~2637 ft.; gouge and
					broken core 2632-2634.5
L	181013	181436		5B16	Plus Biotite
L	181436	181597		5B16	15B7 lam calc & tuff phylite
L	181597	181670		4110	Tuff sil + pyt -
L	181670	181716	3	5B16	17
	+	18014			END OF HOLE

no
carb? ✓

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Logged By: DT

Code	From			To			Feature	S ₁ Dip Direct.	S ₂ Dip Direct.		Description		
	1	10	14	16	20	22			24	26		28	32
S					134	1	C/S	2			80	185	Z sym 34.0 - 37.5 m
S					325		F2	3					S sym 37.5 - 86.1 m
S					406		C/S	2			80	185	
S					462		C/S	2			72	185	
S					522		C/S	2			64	185	
S					580		C/S	2			75	185	
S					642		C/S	2			80	185	
S					704		C/S	2			75	185	
S					768		C/S	2			72	185	
S					831		C/S	2			70	185	
S					861		F2	S			72	185	
													Down Dip & Horizontal
													S ₂ from 86.1 - 190.5
S					890		C/S	2			71	185	
S					966		C/S	2			79	185	
S					1102		C/S	2			72	185	
S					1108		C/S	2			83	185	
S					1140		C/S	2			82	185	
S					1121		C/S	2			72	185	
S					1127		C/S	2			72	185	
S					1133		C/S	2			80	185	
S					1139		C/S	2			77	185	
S					1145		C/S	2			84	185	
S					1151		C/S	2			90	185	
S					1157		C/S	2			47	185	
S					1161		C/S	2			73	185	
S					1166		C/S	2			76	185	
S					1172		C/S	2			82	185	
S					1178		C/S	2			77	185	
S					1185		C/S	2			70	185	
S					1189		C/S	2			83	185	
S					1190		F2	S			78	185	S sym. 190.5 - 242.0 m
S					1197		C/S	2			70	185	
S					1203		C/S	2			85	185	

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Logged By: DST/DJH

Code	From	To	Feature	S ₁ Dip Direct.	S ₂ Dip Direct.	Description
1	10	14 16	20 22 24 26 28	32 34 38		
S	1111	121094	C/S12	111	716/1815	
S	1111	121156	C/S12	111	718/1815	
S	1111	122177	C/S12	111	711/1815	
S	1111	122177	C/S12	111	618/1815	
S	1111	123338	C/S12	111	713/1815	
S	1111	123399	F12	S	111	Horiz. S2 242.0-248.9
S	1111	124160	C/S12	111	910/1815	
	1111	1111	111	111	111	OFO Dike 248.9-280.3
S	1111	121825	F12	Z	714/1815	Z sym. 280.3-289.8
S	1111	12886	C/S12	111	811/1815	
S	1111	128198	F12	3	111	S sym. 289.8-293.6
S	1111	129118	C/S12	111	710/1815	
S	1111	129136	F12	E	111	Z sym. 293.6-296.5
S	1111	129148	C/S12	111	718/1815	
S	1111	129165	F12	3	111	S sym. 296.5-302.6
S	1111	1310103	C/S12	111	718/1815	
S	1111	131026	F12	S	111	No sym. 302.6-336.1
S	1111	131040	C/S12	111	712/1815	(Down Dip & Horiz. S2)
S	1111	131094	C/S12	111	613/1815	
S	1111	131142	C/S12	111	712/1815	
S	1111	1312122	C/S12	111	716/1815	
S	1111	1312180	C/S12	111	910/1815	
S	1111	131341	C/S12	111	813/1815	
S	1111	131361	F12	S	810/1815	S sym. 336.1-342.5m.
S	1111	134110	C/S12	111	815/1815	
S	1111	134125	F12	E	111	Z sym. 342.5-348.1m.
S	1111	134165	C/S12	111	816/1815	
S	1111	134181	F12	3	111	S sym. 348.1-377.4m.
S	1111	134196	C/S12	111	813/1815	
S	1111	135158	C/S12	111	715/1815	
S	1111	136118	C/S12	111	811/1815	
S	1111	136180	C/S12	111	715/1815	
S	1111	137136	C/S12	111	716/1815	
S	1111	13774	F12	E	811/1815	Z sym. 377.4-382.1m.
S	1111	137198	C/S12	111	815/1815	
S	1111	138121	F12	3	111	S sym. 382.1-384.7m.

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[illegible]

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[illegible]

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Structural Log

Logged By: DJH/JST

Core No.	From				To				Feature E S	S ₁ Dip Direct.				S ₂ Dip Direct.				Description
	1	10	14	16	20	22	24	26		28	32	34	38					
S					5320	CS	2					76	185					
S					5352	F	2	3										S symmetry 535.2 - 546.9
S					5386	CS	2					76	185					
S					5447	CS	2					70	185					
S					5469	F	2	S										No symmetry 546.9 - 578.9; ^{down dip} F ₂ , horiz
S					5507	CS	2					90	185					
S					5566	CS	2					88	185					
S					5629	CS	2					80	185					
S					5690	CS	2					90	185					
S					5739	CS	2					65	185					
S					5789	F	2	Z										Z symmetry 578.9 - 583.6
S					5802	CS	2					85	185					
S					5836	F	2	3										S symmetry 583.6 - 589.3
S					5865	CS	2					77	185					
S					5893	F	2	E										Z symmetry 589.3 - 594.4
S					5944	CS	2					81	185					
S					5944	F	2	Z										No symmetry 594.4 - 614.5; ^{down dip} F ₂
S					5972	CS	2					70	185					
S					6027	CS	2					80	185					
S					6083	CS	2					67	185					
S					6145	CS	2					76	185					
S					6145	F	2	Z										Z symmetry 614.5 - 668.8
S					6209	CS	2					65	185					
S					6268	CS	2					75	185					
S					6331	CS	2					85	185					
S					6391	CS	2					80	185					
S					6452	CS	2					77	185					
S					6484	CS	2					80	185					
S					6544	CS	2					75	185					
S					6605	CS	2					80	185					
S					6665	CS	2					75	185					
S					6665	F	2	Z										No symmetry 668.8 - 693.3; down dip F ₂
S					6729	CS	2					80	185					
S					6788	CS	2					78	185					
S					6842	CS	2					85	185					
S					6908	CS	2					76	185					

Structural Log

Logged By: DTH/DST

Core No.	From				To				Feature E N	S ₁		S ₂		Description
	10	14	16	20	22	24	26	28		Dip	Direct.	Dip	Direct.	
1	10	14	16	20	22	24	26	28	32	34	38			
S	1	1	1	1	16913	3	1F2	Z	1	1	1	1	1	Z symmetry 693.3-708.5
S	1	1	1	1	16916	0	CS2	1	1	1	1	8P	18.5	
S	1	1	1	1	17011	9	CS2	1	1	1	1	8.5	18.5	
S	1	1	1	1	17082	2	CS2	1	1	1	1	7.5	18.5	
S	1	1	1	1	17108	5	1F2	Z	1	1	1	1	1	No symmetry 708.5-736.8; down-dip F ₂
S	1	1	1	1	17114	5	CS2	1	1	1	1	7.7	18.5	
S	1	1	1	1	17210	5	CS2	1	1	1	1	6.0	18.5	
S	1	1	1	1	17216	2	CS2	1	1	1	1	7.2	18.5	
S	1	1	1	1	17313	6	CS2	1	1	1	1	7.2	18.5	
S	1	1	1	1	17316	8	1F2	Z	1	1	1	1	1	Z sym 736.8-745.7
S	1	1	1	1	17319	8	CS2	1	1	1	1	6.5	18.5	
S	1	1	1	1	17415	7	1F2	3	1	1	1	7.0	18.5	S sym. 745.7-751.1
S	1	1	1	1	17510	5	CS2	1	1	1	1	7.0	18.5	
S	1	1	1	1	17511	1	1F2	E	1	1	1	1	1	Z sym 751.1-755.1
S	1	1	1	1	17514	8	CS2	1	1	1	1	7.5	18.5	
S	1	1	1	1	17551	1	1F2	3	1	1	1	1	1	S sym 755.1-770.6
S	1	1	1	1	17580	0	CS2	1	1	1	1	7.2	18.5	
S	1	1	1	1	17640	0	CS2	1	1	1	1	7.9	18.5	
S	1	1	1	1	17710	5	CS2	1	1	1	1	7.6	18.5	
S	1	1	1	1	17706	1	1F2	E	1	1	1	1	1	Z sym 770.6-777.2
S	1	1	1	1	17716	3	CS2	1	1	1	1	7.8	18.5	
S	1	1	1	1	17717	2	1F2	Z	1	1	1	1	1	No sym 777.2-783.0 (S ₂ down dip)
S	1	1	1	1	17824	4	CS2	1	1	1	1	6.5	18.5	
S	1	1	1	1	17813	0	1F2	S	1	1	1	1	1	S sym 783.0-795.0
S	1	1	1	1	17818	5	CS2	1	1	1	1	7.0	18.5	
S	1	1	1	1	17914	6	CS2	1	1	1	1	7.7	18.5	
S	1	1	1	1	17950	1	1F2	E	1	1	1	1	1	Z sym 795.0-805.5
S	1	1	1	1	18010	7	CS2	1	1	1	1	6.0	18.5	
S	1	1	1	1	18015	5	1F2	Z	1	1	1	1	1	No sym 805.5-812.9 (S ₂ down dip)
S	1	1	1	1	18060	0	CS2	1	1	1	1	7.2	18.5	
S	1	1	1	1	18112	9	1F2	Z	1	1	1	1	1	Z sym 812.9-813.5
S	1	1	1	1	18113	5	1F2	3	1	1	1	1	1	S sym 813.5-839.7
S	1	1	1	1	18116	0	CS2	1	1	1	1	6.8	18.5	
S	1	1	1	1	18226	6	CS2	1	1	1	1	8.7	18.5	
S	1	1	1	1	18288	8	CS2	1	1	1	1	6.3	18.5	

Logged By: DSJ/DJH

Structural Log

[illegible]

78x-04

CYPRUS ANVIL MINING CORPORATIONDIAMOND DRILL CORE LOGHole Number: 78-X-04

Fabric Orientation Diagram:

Project: DYLocation: VANGORDA PLATEAUClaim: DY-43UTM Terr. Plane
Co-ords.: 6,901,132.6 N597,724.1 EGrid
Co-ords.: 24+00N

1978 DY METRIC GRID

19+50E

All symmetry determinations looking

NW with S2 dippingElevation: 1040.7 mSW with dip azimuth 185.Total Depth: 675.0 MPurpose: DEFINE DY SULPHIDE HORIZONLogged by: DST
DTH Date(s) Logged: MayDrilling
Contractor: ARCTIC Core: Size From To Collar Cased
and Capped: NoNQ 0 675.0 mStarted: April 30 Completed: May 16

3 12

Code	Drillhole	Elevation	Northing	Easting	Comments					
I	2	8	10	16	17	24	25	32	34	48
T	381-11-10A	11049.1	16910.1	11313	15977.2	A				

[illegible][illegible]

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Cyprus Anvil Mining Corp.

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Lithologic Log

Logged By: DTH/DSJ
(the deadly duo)

Code	From	To	Unit	Code	Description	
1	10	14	16	20	22 23 25 27	
L	100	121	7	1	#	Tricone, no core
L	121	133	9	12	5B10	
L	133	138	9	13	5B17	→ 5B73 w/ minor shark skin
L	138	163	5	14	5B10	
L	163	166	9	15	5B10	plus 5B0 gouge; interval = fault zone
L	166	169	0	16	5B10	
L	169	174	7	17	5D13	→ 5D13; 50:50
L	174	176	7	18	5D13	
L	176	189	1	19	5B10	
L	189	198	2	10	5D13	
L	198	102	5	11	5B10	
L	102	102	8	12	5D13	
L	102	107	8	13	5B10	gouge & breccia; 80% 5B0/20% 5D
L	107	112	9	14	5B10	
L	112	117	6	15	5B12	no sulfides
L	117	188	8	16	5B10	
L	188	190	4	17	5B10	gouge & broken core; upper contact 60°/185°
L	190	219	9	18	5B10	w/ 10% interbedded 5B73
L	219	220	9	19	5D13	
L	220	277	6	20	5B10	w/ 5% interbedded 5B73
L	277	294	3	21	5B7	→ 5B73
L	294	296	7	22	5D13	
L	296	311	5	23	5B7	→ 5B73 @ 1012.5 fault gouge 28°/185°; .5' thick
L	311	311	8	24	5D13	
L	311	323	3	25	5B16	→ 5B67
L	323	333	5	26	5B7	→ 5B73; fault gouge 1049.5-1100.5'
L	333	341	2	27	5B7	→ 5B73
L	341	345	1	28	5D13	
L	345	352	4	29	5B7	→ 5B73
L	352	354	1	30	5D13	
L	354	361	5	31	5B7	→ 5B73
L	361	364	2	32	5D13	
L	364	370	9	33	5B7	→ 5B73
L	370	375	2	34	5D13	
L	375	378	8	35	5B7	→ 5B73
L	378	379	6	36	5D13	

Core No.	From			To			Unit		Code		Description
	10	14	16	20	22	23	25	27			
L	137	96	138	06	37		5D	6			
L	138	06	138	25	38		5B	6			
L	138	25	138	46	39		5B	7			→ 5B73
L	138	46	138	71	40		5D	3			whole won't in cracks
L	138	71	138	86	41		5B	7			→ 5B73
L	138	86	139	43	42		QE	8			S ₂ too flat to orient ^{upper} contact dip line; contact $\alpha = 38^\circ$ lower contact $\alpha = 48^\circ$ (no direct. pass - flat S ₂)
L	139	43	139	77	43		5B	0			gauge & broken core 1292.9-1295.0 (below dike)
L	139	77	139	93	44		5B	2			< 1% py; let's hear it for Vine & Tourtelot !!
L	139	93	140	41	45		5B	0			
L	140	41	140	76	46		5B	7			→ 5B73; "How to Get Hammered While Sawing One Off" Chapter 6 The Joy of Carpentry
L	140	76	141	31	47		5D	3			
L	141	31	141	91	48		5B	7			→ 5B73
L	141	91	142	96	49		5D	3			
L	142	96	143	53	50		5B	7			→ 5B73 "Even the mightiest of sharks is helpless in the desert" Jaws III
L	143	53	143	75	51		OE	8			Upper contact $67^\circ/185^\circ$; outer "inside" of dike
L	143	75	145	02	52		OC	0			→ OFO core zone of dike w/ zoned Kspar phenos and lt. smoky g. of OFO
L	145	02	145	28	53		OE	8			Lower contact $41^\circ/185^\circ$
L	145	28	145	66	54		5D	3			
L	145	66	146	27	55		5G	0			→ 5G03 cf. units 73, 74 78X-03; gauge 1502-1503.5
L	146	27	146	35	56		5D	3			
L	146	35	146	51	57		5B	7			→ 5B73
L	146	51	146	92	58		5D	3			
L	146	92	147	02	59		4L	7			
L	147	02	148	07	60		5D	3			
L	148	07	148	83	61		5F	6			highly mottled w/ plag? phenos; non-calc; 5D3.9 484.9-485.5 m.
L	148	83	149	74	62		5D	3			< 5% 5A interbanded
L	149	74	151	14	63		5A	D			→ 5AD3; 70:30 interbanded 5A3 & 5D3 respectively; only carb. towards end of interval
L	151	14	151	42	64		5D	3			
L	151	42	151	84	65		5D	6			
L	151	84	152	06	66		4G	4			> 15% Pb + Zn.

Lithologic Log

Logged By: DST/DJH

Code	From	To	Unit	Code	Description
1	10	14	16	20	22 23 25 27
L	152106	152157	617	5D13	chlorite mottled variety
L	152157	151301	618	5D13	weakly calc; unmottled;
L	151301	151323	619	5D10	variably calc; mottled
L	151323	1513134	710	4JK	→4JK476; 40% 5D3 interbanded;
	111	111	1	11	nearly massive sph. gal. po bands
	111	111	1	11	interbanded w/ typical 5D3, sph.
	111	111	1	11	is iron-poor reddish variety; carbonate
	111	111	1	11	= calcite notankerite as in typical
	111	111	1	11	4K
L	1513134	1513139	711	5D13	ext. calc.
L	1513139	1513145	712	4JK	→4JK476; as unit 70
L	1513145	1513166	713	5D16	generally laminated w/ minor mottled
L	1513166	1515148	714	5B12	→5B267
L	1515148	1515163	715	5D18	→5DB26
L	1515163	1515166	716	4EK	→4EK476; interval more pyritic than
	111	111	1	11	units 70 & 72
L	1515166	1515169	717	5D13	laminated
L	1515169	1516120	718	4EK	→4EK46; as unit 76 only non-po bearing
	111	111	1	11	; 560.6 - 561.0 unit could be
	111	111	1	11	described as 4GK4; carbonate
	111	111	1	11	mainly Fe, Mg w/ minor Calcite
L	1516120	1516156	719	5A1	couldn't quite make ribbon banded
L	1516156	1517114	810	5D13	laminated variety
L	1517114	1517147	811	5D18	→5DB3
L	1517147	1518127	812	5D13	
L	1518127	1518144	813	5A13	
L	1518144	1610127	814	5D13	
L	1610127	1610136	815	0E16	-dark grey green, finely xtline diorite? w/
	111	111	1	11	felted plag; lower ct. @ 37°/185
	111	111	1	11	upper ct. @ 37°/185 both cts. brecciated
L	1610136	1611104	816	5D13	
L	1611104	1611177	817	5D18	→5DB3
L	1611177	1612159	818	5B10	→5B67 locally; weakly calc.
L	1612159	1612188	819	5B12	→5B26; 628.0 - 628.6 gouge zone
	111	111	1	11	-appears S2 foliaform @ 75°/185
	111	111	1	11	lower ct

Lithologic Log

Logged By: DST/DJH

[illegible]

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Cyprus Anvil Mining Corp.

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Structural Log

Logged By: DJH/DST

Code	From			To			Feature	E S	S ₁ Dip Direct.			S ₂ Dip Direct.			Description
	1	10	14	16	20	22			24	26	28	32	34	38	
S					12	20	C/S	12				510	18	5	Note: Since this hole falls on the long section, detailed symmetry analysis was not undertaken
S					12	18	2	C/S	12			811	18	5	
S					13	14	4	C/S	12			710	18	5	
S					14	05	5	C/S	12			717	18	5	
S					14	16	6	C/S	12			612	18	5	
S					15	24	4	C/S	12			613	18	5	
S					15	88	8	C/S	12			710	18	5	
S					16	14	6	C/S	12			715	18	5	
S					17	10	2	C/S	12			518	18	5	
S					17	16	0	C/S	12			718	18	5	
S					18	12	0	C/S	12			715	18	5	
S					18	18	0	C/S	12			718	18	5	
S					19	13	0	C/S	12			518	18	5	
S					19	19	1	C/S	12			812	18	5	
S					110	15	7	C/S	12			615	18	5	
S					111	11	0	C/S	12			813	18	5	
S					111	16	1	C/S	12			712	18	5	
S					112	24	4	C/S	12			817	18	5	
S					112	18	6	C/S	12			810	18	5	
S					113	15	0	C/S	12			719	18	5	
S					114	11	3	C/S	12			714	18	5	
S					114	17	5	C/S	12			710	18	5	
S					115	38	8	C/S	12			710	18	5	
S					116	00	0	C/S	12			812	18	5	
S					116	16	1	C/S	12			713	18	5	
S					117	10	0	C/S	12			715	18	5	
S					117	17	4	C/S	12			718	18	5	
S					118	13	6	C/S	12			718	18	5	
S					118	19	6	C/S	12			715	18	5	
S					119	16	0	C/S	12			616	18	5	
S					120	12	2	C/S	12			714	18	5	
S					120	18	5	C/S	12			811	18	5	
S					121	14	7	C/S	12			810	18	5	

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Cyprus Anvil Mining Corp.

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Structural Log

Logged By: DJH/DST

Code	From			To			Feature	S ₁ Dip Direct.	S ₂ Dip Direct.	Description		
	10	14	16	20	22	24						
1	10	14	16	20	22	24	26	28	32	34	38	
S				2220	7	C/S	2			815	1815	
S				2226	8	C/S	2			814	1815	
S				2233	2	C/S	2			719	1815	
S				2239	3	C/S	2			617	1815	
S				2245	4	C/S	2			713	1815	
S				2251	5	C/S	2			810	1815	
S				2257	5	C/S	2			810	1815	
S				2263	6	C/S	2			814	1815	
S				2269	7	C/S	2			710	1815	
S				2275	8	C/S	2			715	1815	
S				2281	9	C/S	2			715	1815	
S				2288	6	C/S	2			712	1815	
S				2294	6	C/S	2			717	1815	
S				2300	2	C/S	2			718	1815	
S				2307	8	C/S	2			812	1815	
S				2315	5	C/S	2			714	1815	
S				2321	0	C/S	2			715	1815	
S				2328	0	C/S	2			718	1815	
S				2333	9	C/S	2			512	1815	
S				2339	8	C/S	2			815	1815	
S				2345	9	C/S	2			616	1815	
S				2352	0	C/S	2			810	1815	
S				2358	1	C/S	2			713	1815	
S				2364	3	C/S	2			715	1815	
S				2369	2	C/S	2			715	1815	
S				2375	2	C/S	2			810	1815	
S				2381	4	C/S	2			619	1815	
S				2387	7	C/S	2			718	1815	OES dike 388.6 - 394.3 M
S				2394	8	C/S	2			810	1815	
S				2400	9	C/S	2			712	1815	
S				2405	3	C/S	2			615	1815	suspect due to post-D ₂ folding
S				2411	5	C/S	2			815	1815	
S				2417	6	C/S	2			815	1815	
S				2424	0	C/S	2			619	1815	
S				2430	2	C/S	2			815	1815	OES dike 435.3 - 437.5
S				2434	8	C/S	2			715	1815	

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Structural Log

Logged By: DTH/TST

Code	From	To	Feature	E N	S ₁ Dip Direct.	S ₂ Dip Direct.	Description
1	10	14 16	20 22 24 26	28	32	34 38	
S	1	1459	5 C512			610 / 18.5	
S	1	1465	7 C512			812 / 18.5	
S	1	1472	0 C512			710 / 18.5	
S	1	1478	2 C512			710 / 18.5	
S	1	1484	6 C512			616 / 18.5	
S	1	1492	2 C512			717 / 18.5	
S	1	1497	7 C512			713 / 18.5	
S	1	1504	0 C512			713 / 18.5	
S	1	1510	3 C512			719 / 18.5	- S sym — to 518.6 m.
S	1	1518	6 F25			715 / 18.5	sdc. ct // S ₂
S	1	1520	7 F27			710 / 18.5	- Z sym 520.7 - 528.5
S	1	1528	5 F23			80 / 18.5	- S sym 528.5 - —
S	1	1533	4 C512			710 / 18.5	
S	1	1539	2 C512			71 / 18.5	
S	1	1545	0 C512			814 / 18.5	
S	1	1550	9 C512			83 / 18.5	
S	1	1554	2 C512			78 / 18.5	- post D ₂ kink @ 555.6 m
						-	w/ att. 29°/275°
S	1	1559	8 C512			70 / 18.5	
S	1	1565	0 C512			616 / 18.5	- post D ₂ fold @ 564.5 m
							w/ att. 14°/010° and
							F.A. att. of 10°/100°
S	1	1570	0 C512			618 / 18.5	
S	1	1577	0 C512			513 / 18.5	
S	1	1583	4 C512			712 / 18.5	
S	1	1589	8 C512			614 / 18.5	
S	1	1595	9 C512			710 / 18.5	
S	1	1600	5 C512			511 / 18.5	
S	1	1606	4 C512			817 / 18.5	
S	1	1611	4 C512			714 / 18.5	
S	1	1618	4 C512			713 / 18.5	
S	1	1624	8 C512			712 / 18.5	
S	1	1629	4 C512			71 / 18.5	
S	1	1635	5 C512			713 / 18.5	
S	1	1641	1 C512			718 / 18.5	
S	1	1647	4 C512			712 / 18.5	

Logged By: DST/DJH

[illegible]

Code	From	To	Sample No.	Description
1	10	14	16	20 22 27 unit Rec.
P	151184	152106	12171317	464 2.2
P	151323	153134	12171318	4JK 1.1
P	151339	153145	12171319	4JK 0.6
P	151566	15586	12171410	4EK 2.0 -includes 0.3 m dilution
P	151586	15600	12171411	4EK 1.4 @ 0 grade.
P	151600	15620	12171412	4EK 2.0

78x-05

CYPRUS ANVIL MINING CORPORATIONDIAMOND DRILL CORE LOGHole Number: 78-X-05

Fabric Orientation Diagram:

Project: DyLocation: Vangorda Plateau.Claim: DY 43.Terr. Plane
Co-ords.: 6901311.5 N597,315.7 EGrid
Co-ords.: 24+75 N.L 15+00 E.

All symmetry determinations looking

NW with 52 dippingElevation: 1114.9SW with dip azimuth 185.Total Depth: 711.4 m.Purpose: Outline sulfide zone.Logged by: DJH Date(s) Logged: JuneDrilling
Contractor: Arctic D.D. Core: Size From To Collar Cased
and Capped: NoNQ 0 667.2BQ 667.2 711.4Started: May 17 Completed: June 10

Code	From	To	Unit	Code	Description
1	10	14 16	20	22 23 25 27	
L	1100	1455	11	14	triconed; no core; collared in bedrock
L	1455	1722	12	5B12	→ 5B26; minor CO ₃ ⁼ lams
L	1722	1772	13	5B10	strongly calc.
L	1772	1859	14	5B12	→ 5B26; as unit 2
L	1859	1932	15	5B10	→ 5B02; weakly calc
L	1932	11166	16	5B12	→ 5B26; as units 2 & 4
L	11166	11217	17	5B10	→ 5B02; as unit 5
L	11217	11277	18	5B16	→ 5B67
L	11277	11294	19	5B10	
L	11294	11385	10	5B16	→ 5B67; as unit 8
L	11385	11722	11	5B12	→ 5B26; as units 2, 4 & 6
L	11722	11844	12	01E10	upper ct. 4 = 80/095; lower ct. @
	111	111	1	11	16° to c.a.; Qtz phenos only weakly
	111	111	1	11	smokey; zoned K-spars to 1.5 cm long;
	111	111	1	11	plag altered to sauss + CaCO ₃
L	11844	11900	13	01E18	< 5% hb + bio
L	11900	11989	14	5B10	→ 5B02
L	11989	11994	15	5D13	
L	11994	12004	16	5B10	
L	12004	12015	17	5D13	
L	12015	12118	18	5B12	→ 5B26; as units 2, 4, 6 & 11;
L	12118	12780	19	5B10	
L	12780	12945	20	5B17	→ 5B73; 10-15% interbanded 5D3
L	12945	12973	21	5B10	
L	12973	12990	22	5D13	
L	12990	13018	23	5B10	
L	13018	13059	24	5D13	
L	13059	13105	25	5B10	
L	13105	13126	26	5D13	
L	13126	13265	27	5B17	→ 5B73; as unit 20
L	13265	13290	28	5D13	
L	13290	13351	29	5B17	→ 5B73; as units 20 & 27
L	13351	13365	30	5D13	
L	13365	13566	31	5B17	→ 5B73; as units 20, 27 & 29
L	13566	13581	32	5D13	
L	13581	13796	33	5B17	→ 5B73; 5% 5D3 interbanded.

Code	From	To	Unit	Code	Description
1	10	14	16	20	22 23 25 27
L	137.96	138.24	34	5D13	
L	138.24	144.97	35	5B73	→ 5B73; 15-20% tuffaceous lams
L	144.97	145.07	36	5D13	gouge & breccia 450.3-450.7 m
L	145.07	145.11	37	4C10	→ 4C10; ~20% py; brecciated w/ CaCO ₃ infilling
L	145.11	146.31	38	5B73	→ 5B73; as unit 35
L	146.31	147.34	39	5D13	strongly CO ₃ ²⁻ laminated; → 5E8
L	147.34	147.37	40	5E10	
L	147.37	149.33	41	5D13	→ 5E8; as unit 39;
L	149.33	149.57	42	5D13	mod. calc; typical 5D3
L	149.57	150.80	43	5B10	
L	150.80	151.51	44	5D13	
L	151.51	151.75	45	5B73	→ 5B73; 20%-30% tuffaceous interbands & interlams
L	151.75	152.01	46	5D13	
L	152.01	154.51	47	5B73	→ 5B73; as unit 45
L	154.51	154.67	48	5D13	
L	154.67	156.37	49	5B73	→ 5B73; as units 45 & 47
L	156.37	156.98	50	5D13	60:40 interbanded 5D3: 5B73
L	156.98	157.32	51	5B73	→ 5B73; as units 45, 47, 49
L	157.32	157.86	52	5D13	70:30 interbanded 5D3: 5B73
L	157.86	158.10	53	5D16	50% of interval is brecciated
L	158.10	158.63	54	5B16	FAULT ZONE: - broken core, breccia & gouge; minor frags 5D6; upper ct. @ 19° to c.A.; N.F.G. hanging wall rx
L	158.63	158.98	55	4D10	brecciated 586.7-587.8
L	158.98	159.11	56	4A13	→ 4A34; diminishing carbon w/ increasing ZnS + PbS toward end of interval; massive py banding throughout int.
L	159.11	159.18	57	4D10	40% tot. sdes; alternating pyritic, base metal rich, & quartz bands; ~15% comb.
L	159.18	159.23	58	4A13	as unit 56; weakly carbonaceous; increasing base metal content towards end of int.
L	159.23	159.27	59	4D10	fault w/ upper ct @ 20° to c.A.;

Code	From	To	Unit	Code	Description
1	10	14	16	20	22 23 25 27
					qtzite frags in dark grey matrix
L	159127	159138	610	4D10	30% tot. sdes; sph > py > gal; +15% comb
L	159138	159162	611	4D10	20% tot. sdes; gal. in near vert. fracture fillings; gal ≥ sph; +12% comb
L	159162	159180	612	4D10	30-45% tot. sdes; red brown sph rich, weakly pyritic; sph >> gal > py; gal in steep fracture fillings + 20% comb
L	159180	161032	613	4D10	30-50% tot. sdes; py >> sph >> gal 5-8% comb.
L	161032	161039	6A	5D6	→ 5D69; 10 cm. 4D0 in middle of int
L	161039	161042	65	4E16	bottom 1/2 of int. is baritic
L	161042	161059	66	5D16	→ 5D64; 0.2m 4D0 @ end of int.
L	161059	161083	67	5A6	
L	161083	161092	68	4H0	
L	161092	161098	69	5B6	? - FAULT - brecciated
L	161098	161132	710	5D6	
L	161132	161216	71	5B7	→ 5B73;
L	161216	161227	72	5D13	
L	161227	161363	713	5B16	→ 5B67; 360?
L	161363	161470	74	5D13	
L	161470	161454	75	5B17	→ 5B73; 20% interbanded 5D3
L	161454	161484	76	5A13	minor S ₂ foliaform po; 20% 5B73 interb
L	161484	161489	77	4E10	
L	161489	161510	718	51A0	
L	161510	161602	719	5D13	70:30 interbanded 5D3 : 5B73.
L	161602	161685	810	5B16	→ 5B67; 360?
L	161685	161618	811	5D13	
L	161618	171011	782	5B16	→ 5B67; 360?
L	171011	171024	813	5D13	
L	171024	171119	814	5B16	→ 5B67; 360?; as units 80 & 82
		1E10H			

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Cyprus Anvil Mining Corp.

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Logged By: JPF

Sampled By: SKB

Geochemical Log (Sampler's Copy)

[illegible]

DDH 78-X-0.5
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Structural LogPage 8 of 11
Logged By: DTH

Code	From				To				Feature	E N	S ₁		S ₂		Description
	10	14	16	20	22	24	26	28			Dip	Direct.	Dip	Direct.	
	1														
S	1	1	1	1	1417	5	CIS12	1	1	1	813	11815			
S	1	1	1	1	1529	9	CIS12	1	1	1	516	11815			
S	1	1	1	1	1519	3	CIS12	1	1	1	715	11815			
S	1	1	1	1	1615	2	CIS12	1	1	1	714	11815			
S	1	1	1	1	1711	9	CIS12	1	1	1	519	11815			
S	1	1	1	1	1718	2	CIS12	1	1	1	715	11815			
S	1	1	1	1	1814	5	CIS12	1	1	1	710	11815			
S	1	1	1	1	1910	0	CIS12	1	1	1	810	11815			
S	1	1	1	1	1916	0	CIS12	1	1	1	714	11815			
S	1	1	1	1	11012	1	CIS12	1	1	1	810	11815			
S	1	1	1	1	11018	4	CIS12	1	1	1	710	11815			
S	1	1	1	1	11114	9	CIS12	1	1	1	719	11815			
S	1	1	1	1	11211	0	CIS12	1	1	1	718	11815			
S	1	1	1	1	11217	2	CIS12	1	1	1	810	11815			
S	1	1	1	1	11313	4	CIS12	1	1	1	719	11815			
S	1	1	1	1	11319	6	CIS12	1	1	1	810	11815			
S	1	1	1	1	11415	6	CIS12	1	1	1	815	11815			
S	1	1	1	1	11610	0	CIS12	1	1	1	812	11815			
S	1	1	1	1	11517	0	CIS12	1	1	1	718	11815			
S	1	1	1	1	11612	5	CIS12	1	1	1	516	11815			
S	1	1	1	1	11618	8	CIS12	1	1	1	714	11815			
S	1	1	1	1	111			1	1	1	1	1			Dyke from 172.2 - 190.0 m.
S	1	1	1	1	11911	0	CIS12	1	1	1	715	11815			
S	1	1	1	1	11916	6	CIS12	1	1	1	812	11815			
S	1	1	1	1	12012	7	CIS12	1	1	1	617	11815			
S	1	1	1	1	12018	5	CIS12	1	1	1	811	11815			
S	1	1	1	1	12113	9	CIS12	1	1	1	714	11815			
S	1	1	1	1	12120	6	CIS12	1	1	1	812	11815			
S	1	1	1	1	12125	4	CIS12	1	1	1	812	11815			
S	1	1	1	1	12131	7	CIS12	1	1	1	718	11815			
S	1	1	1	1	12137	3	CIS12	1	1	1	810	11815			
S	1	1	1	1	12413	1	CIS12	1	1	1	715	11815			
S	1	1	1	1	12419	0	CIS12	1	1	1	712	11815			
S	1	1	1	1	12513	9	CIS12	1	1	1	613	11815			
S	1	1	1	1	12610	3	CIS12	1	1	1	713	11815			
S	1	1	1	1	1266	4	CIS12	1	1	1	715	11815			

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Cyprus Anvil Mining Corp.

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Structural Log

Logged By: DJH

Code	From				To				Feature	S ₁ Dip Direct.	S ₂ Dip Direct.				Description
	1	10	14	16	20	22	24	26			28	32	34	38	
S		1	1	1	12	12	2	CIS	2		1	1	8	2	11815
S		1	1	1	12	19	0	CIS	2		1	1	6	18	11815
S		1	1	1	12	8	4	CIS	2		1	1	8	10	11815
S		1	1	1	12	9	10	2	CIS	2		1	8	3	11815
S		1	1	1	12	9	16	3	CIS	2		1	7	10	11815
S		1	1	1	13	10	2	7	CIS	2		1	8	17	11815
S		1	1	1	13	10	18	9	CIS	2		1	8	13	11815
S		1	1	1	13	1	15	5	CIS	2		1	7	12	11815
S		1	1	1	13	12	1	6	CIS	2		1	8	14	11815
S		1	1	1	13	12	8	9	CIS	2		1	8	10	11815
S		1	1	1	13	13	13	4	CIS	2		1	7	12	11815
S		1	1	1	13	13	19	7	CIS	2		1	8	15	11815
S		1	1	1	13	14	15	9	CIS	2		1	7	18	11815
S		1	1	1	13	15	12	0	CIS	2		1	7	15	11815
S		1	1	1	13	15	18	1	CIS	2		1	6	16	11815
S		1	1	1	13	16	1	2	CIS	2		1	7	13	11815
S		1	1	1	13	16	19	3	CIS	2		1	7	12	11815
S		1	1	1	13	17	15	9	CIS	2		1	7	15	11815
S		1	1	1	13	18	1	5	CIS	2		1	5	12	11815
S		1	1	1	13	18	10	1	CIS	2		1	7	10	11815
S		1	1	1	13	19	13	2	CIS	2		1	7	13	11815
S		1	1	1	13	19	16	8	CIS	2		1	5	18	11815
S		1	1	1	14	10	14	3	CIS	2		1	8	2	11815
S		1	1	1	14	10	19	5	CIS	2		1	7	18	11815
S		1	1	1	14	11	15	3	CIS	2		1	8	15	11815
S		1	1	1	14	12	10	9	CIS	2		1	8	2	11815
S		1	1	1	14	12	16	9	CIS	2		1	7	10	11815
S		1	1	1	14	13	13	5	CIS	2		1	7	15	11815
S		1	1	1	14	13	19	6	CIS	2		1	8	13	11815
S		1	1	1	14	14	15	9	CIS	2		1	7	14	11815
S		1	1	1	14	15	1	4	CIS	2		1	6	14	11815
S		1	1	1	14	15	12	0	CIS	2		1	7	12	11815
S		1	1	1	14	16	13	6	CIS	2		1	6	16	11815
S		1	1	1	14	16	19	7	CIS	2		1	7	10	11815
S		1	1	1	14	17	15	8	CIS	2		1	7	14	11815
S		1	1	1	14	18	12	2	CIS	2		1	7	9	11815

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Structural Log

Logged By: DJH

Core No.	From			To			Feature E or W	S ₁		S ₂		Description
	10	14	16	20	22	24		Dip	Direct.	Dip	Direct.	
1	10	14	16	20	22	24	26	28	32	34	38	
S	1	1	1	1	418	184	CIS12	1	1	716	11815	
S	1	1	1	1	419	47	CIS12	1	1	713	11815	
S	1	1	1	1	510	24	CIS12	1	1	616	11815	
S	1	1	1	1	510	75	CIS12	1	1	714	11815	
S	1	1	1	1	511	136	CIS12	1	1	716	11815	
S	1	1	1	1	511	197	CIS12	1	1	810	11815	
S	1	1	1	1	512	55	CIS12	1	1	719	11815	
S	1	1	1	1	513	17	CIS12	1	1	713	11815	
S	1	1	1	1	513	79	CIS12	1	1	719	11815	
S	1	1	1	1	514	40	CIS12	1	1	810	11815	
S	1	1	1	1	515	01	CIS12	1	1	716	11815	
S	1	1	1	1	515	62	CIS12	1	1	718	11815	
S	1	1	1	1	516	122	CIS12	1	1	719	11815	
S	1	1	1	1	516	84	CIS12	1	1	715	11815	
S	1	1	1	1	517	38	CIS12	1	1	816	11815	
S	1	1	1	1	518	16	CIS12	1	1	416	11815	
S	1	1	1	1	518	99	CIS12	1	1	714	11815	} -Sde. zone in D ₂ S region
S	1	1	1	1	519	62	CIS12	1	1	713	11815	
S	1	1	1	1	610	29	CIS12	1	1	615	11815	
S	1	1	1	1	1	1	1	1	1	1	1	
S	1	1	1	1	611	100	CIS12	1	1	712	11815	
S	1	1	1	1	611	156	CIS12	1	1	715	11815	
S	1	1	1	1	612	19	CIS12	1	1	610	11815	
S	1	1	1	1	612	79	CIS12	1	1	616	11815	
S	1	1	1	1	613	39	CIS12	1	1	716	11815	
S	1	1	1	1	614	101	CIS12	1	1	810	11815	
S	1	1	1	1	614	162	CIS12	1	1	616	11815	
S	1	1	1	1	615	13	CIS12	1	1	715	11815	
S	1	1	1	1	615	164	CIS12	1	1	716	11815	
S	1	1	1	1	616	124	CIS12	1	1	718	11815	
S	1	1	1	1	616	189	CIS12	1	1	715	11815	
S	1	1	1	1	617	41	CIS12	1	1	713	11815	
S	1	1	1	1	617	94	CIS12	1	1	810	11815	
S	1	1	1	1	618	156	CIS12	1	1	710	11815	
S	1	1	1	1	619	12	CIS12	1	1	717	11815	
S	1	1	1	1	619	70	CIS12	1	1	719	11815	

Structural Log

[illegible]

CYPRUS ANVIL MINING CORPORATIONDIAMOND DRILL CORE LOGHole Number: 78-X-06 Fabric Orientation Diagram:Project: Dy.Location: Vangorda Plateau.Claim: DY 41Terr. Plane
Co-ords.: 6900, 946.1 N597, 838.8 EMetric Grid
Co-ords.: 22+50 NL 21+00 EElevation: 1009.1

All symmetry determinations looking

NW with SZ dippingSW with dip azimuth 185.Total Depth: 614.8m.Purpose: Define sulfide zoneLogged by: DJH Date(s) Logged: JuneDrilling Contractor: Arctic DD Core: Size From To Collar Cased and Capped: NoNQ 0 614.8m.Started: May 22 Completed: June 8

Lithologic Log

Logged By: DJH

Code	From	To	Unit	Code	Description
1	10	14 16	20	22 23 25 27	
L	11100	11280	11	1	# 0/B
L	11280	11563	12	5B16	→ 5B67?; 40% interbanded 5B26 from
	1111	1111	1	11	28.0-38.0m; v minor dirty green
	1111	1111	1	11	tuff lams
L	11563	111007	13	5B10	light grey green, mod. → strongly calc;
	1111	1111	1	11	50% interbanded 5B6 from 56.3-60.0m
	1111	1111	1	11	ie: grad. ct.
L	111007	111010	14	5D13	typical dirty green, laminarly banded metatuff
L	111010	1110197	15	5B10	as unit 3
L	1110197	111115	16	5D13	as unit 4
L	111115	1116100	17	5B10	as units 3&5
L	1116100	1116182	18	5B16	as unit 2; <5% interbanded 5B10
L	1116182	111714	19	5B10	as units 3, 5&7
L	111714	1117174	10	5B16	as units 2&8
L	1117174	1118196	11	5B10	w/ ~30% interbanded 5B6
L	1118196	121320	12	5B16	w/ 10% 000 "swats" (most appear
	1111	1111	1	11	sub 11 52
L	121320	1214157	13	5B10	as units 3, 5, 7&9
L	1214157	1214161	14	5D13	as units 4&6
L	1214161	1218113	15	5B17	→ 5B73
L	1218113	1218155	16	5D13	as units 4&6 w/ <10% interbanded 5B10
	1111	1111	1	11	/5B73
L	1218155	1219198	17	5B17	→ 5B73
L	1219198	1310146	18	5D10	grad. upper ct and faulted lower ct.
L	1310146	1310189	19	5B17	→ 5B73; incip. brecciation
L	1310189	1310199	20	5D13	FeMg CO ₃ bearing?
L	1310199	1311193	21	5B17	→ 5B73; strongly calc w/ marble bands
	1111	1111	1	11	→ 2 cm. wide
L	1311193	1312104	22	5D13	as units 4&6
L	1312104	1312136	23	5B17	→ 5B73; as unit 21
L	1312136	1313110	24	5D13	as units 4&6&22
L	1313110	1313151	25	5B10	70:30 5B73:5D3 interbanded
L	1313151	1313181	26	5B17	→ 5B73; mod. calc
L	1313181	1314113	27	5D13	
L	1314113	1318111	28	5B17	→ 5B73; as unit 26; minor 5D3
L	1318111	1318171	29	5B10	70:30 interbanded 5B73:5D3

Lithologic Log

Logged By: DTH

Code	From	To	Unit	Code	Description
	10 14 16 20 22 23 25 27				
L	138171	142172	30	5B17	→ 5B73?; minor 5B2 interbanded over top 8 m and bottom 1 m of interval; no distinctive tuff lam or bands but definitely more chloritic and "grainy" than normal 5B.
L	142172	143114	31	5D13	
L	143114	143493	32	5B17	→ 5B73; similar to unit 30 but contains distinctive tuff lam & thin bands
L	143149	143677	33	5D13	
L	143677	144653	34	5B17	→ 5B73?; as unit 30; becoming less tuffaceous more carb towards end of int
L	144653	144913	35	5D13	
L	144913	145483	36	5B10	
L	145483	145683	37	5D13	
L	145683	146063	38	5B10	strongly calc
L	146063	146277	39	5D13	
L	146277	147064	40	5B10	carb interlamination; strongly calc
L	147064	147204	41	5D13	
L	147204	148154	42	5B10	80:20 5B0/5D3 w/ minor S2 foliaform po in 5D bands
L	148154	148474	43	5A11	<10% 5B23 interbanded; minor S1 foliaform po; 4H4 bands ~ S2 from 484.23-484.30, & 484.53-484.58 m
L	148474	148522	44	5D13	
L	148522	148574	45	5A11	5cm 4H4 @ start of int; 4H4 band ~ S2 from 485.58-485.70
L	148574	149544	46	5B16	<10% 5B62 interbands
L	149544	149594	47	4E10	
L	149594	149824	48	4A10	minor S1 foliaform sdes.
L	149824	149844	49	0D10	lower ct. S2; aphanitic chilled shoot from main dyke
L	149844	150277	50	5B16	as unit 46; gouge & brecciation 500.3-502.0 m
L	150277	151205	51	0D10	~10% fine grained mafics; porphyritic in chilled margin to 503.9 m;

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Cyprus Anvil Mining Corp.

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Structural Log

Logged By: DJH

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	1	1	1	1	12	9	6	C/S	2	1	1	6	5	18	5	
S	1	1	1	1	13	5	4	C/S	2	1	1	6	7	18	5	
S	1	1	1	1	14	1	8	C/S	2	1	1	7	0	18	5	
S	1	1	1	1	14	7	8	C/S	2	1	1	6	8	18	5	
S	1	1	1	1	15	3	9	C/S	2	1	1	8	3	18	5	
S	1	1	1	1	15	9	6	C/S	2	1	1	7	2	18	5	
S	1	1	1	1	16	5	5	C/S	2	1	1	8	5	18	5	
S	1	1	1	1	17	1	9	C/S	2	1	1	8	0	18	5	
S	1	1	1	1	17	8	0	C/S	2	1	1	8	5	18	5	
S	1	1	1	1	18	4	1	C/S	2	1	1	7	5	18	5	
S	1	1	1	1	19	0	4	C/S	2	1	1	8	5	18	5	
S	1	1	1	1	19	6	6	C/S	2	1	1	8	2	18	5	
S	1	1	1	1	1	0	2	7	C/S	2	1	8	5	18	5	
S	1	1	1	1	1	0	8	7	C/S	2	1	6	8	18	5	
S	1	1	1	1	1	1	4	9	C/S	2	1	7	8	18	5	
S	1	1	1	1	1	2	1	1	C/S	2	1	8	5	18	5	
S	1	1	1	1	1	2	7	1	C/S	2	1	8	2	18	5	
S	1	1	1	1	1	3	13	2	C/S	2	1	7	5	18	5	
S	1	1	1	1	1	3	9	3	C/S	2	1	8	0	18	5	
S	1	1	1	1	1	4	15	4	C/S	2	1	8	1	18	5	
S	1	1	1	1	1	5	1	4	C/S	2	1	9	0	18	5	
S	1	1	1	1	1	5	17	6	C/S	2	1	8	5	18	5	
S	1	1	1	1	1	6	13	7	C/S	2	1	7	5	18	5	
S	1	1	1	1	1	6	18	7	C/S	2	1	8	7	18	5	
S	1	1	1	1	1	7	4	4	C/S	2	1	8	4	18	5	
S	1	1	1	1	1	8	1	0	C/S	2	1	8	3	18	5	
S	1	1	1	1	1	8	17	8	C/S	2	1	8	0	18	5	
S	1	1	1	1	1	9	13	4	C/S	2	1	6	8	18	5	
S	1	1	1	1	12	0	1	0	C/S	2	1	8	0	18	5	
S	1	1	1	1	12	0	18	0	C/S	2	1	8	2	18	5	
S	1	1	1	1	12	1	14	1	C/S	2	1	8	0	18	5	
S	1	1	1	1	12	1	0	4	C/S	2	1	8	1	18	5	
S	1	1	1	1	12	2	16	9	C/S	2	1	8	0	18	5	
S	1	1	1	1	12	2	3	1	C/S	2	1	6	8	18	5	
S	1	1	1	1	12	3	19	6	C/S	2	1	7	8	18	5	
S	1	1	1	1	12	4	15	5	C/S	2	1	7	2	18	5	

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Structural Log

Logged By: D.J.H.

Core No.	From				To				Feature E N	S ₁ Dip Direct.		S ₂ Dip Direct.		Description
	1	10	14	16	20	22	24	26		28	32	34	38	
S					1215	20			CIS12			79	1815	
S					1215	17	8		CIS12			718	1815	
S					1216	13	8		CIS12			910	1815	
S					1216	9	5		CIS12			711	1815	
S					1217	5	5		CIS12			697	1815	
S					1218	1	0		CIS12			79	1815	
S					1218	7	1		CIS12			81	1815	
S					1219	2	5		CIS12			81	1815	
S					1219	8	7		CIS12			718	1815	
S					1304	9			CIS12			66	1815	
S					1311	10	5		CIS12			612	1815	
S					1311	6	1		CIS12			82	1815	
S					1312	2	2		CIS12			614	1815	
S					1312	8	4		CIS12			910	1815	
S					1313	4	4		CIS12			813	1815	
S					1314	0	4		CIS12			85	1815	
S					1314	6	5		CIS12			718	1815	
S					1315	2	5		CIS12			718	1815	
S					1315	8	2		CIS12			715	1815	
S					1316	4	8		CIS12			814	1815	
S					1317	10	9		CIS12			812	1815	
S					1317	7	7		CIS12			815	1815	
S					1318	13	7		CIS12			815	1815	
S					1318	9	2		CIS12			810	1815	
S					1319	5	5		CIS12			86	1815	
S					1410	1	4		CIS12			815	1815	
S					1410	7	5		CIS12			812	1815	
S					1411	3	6		CIS12			75	1815	
S					1411	9	7		CIS12			617	1815	
S					1412	16	1		CIS12			715	1815	
S					1413	1	8		CIS12			77	1815	
S					1413	18	0		CIS12			710	1815	
S					1414	13	9		CIS12			512	1815	
S					1415	10	2		CIS12			75	1815	
S					1415	16	3		CIS12			718	1815	
S					1416	2	4		CIS12			718	1815	

Logged By: DTH

[illegible]

20-X82

CYPRUS ANVIL MINING CORPORATIONDIAMOND DRILL CORE LOGHole Number: 78-X-07

Fabric Orientation Diagram:

Project: Dy.Location: Vangorda PlateauClaim: Dy 186UTM Terr. Plane
Co-ords.: 6,901,418.4 N5,97,031.5 EGrid
Co-ords.: 12+00 E25+00 N

All symmetry determinations looking

NW with S2 dippingElevation: 1,68.93SW with dip azimuth 185.Total Depth: 719.6 m.Purpose: Define Dy sulfide horizonLogged by: DJH Date(s) Logged: July 1-6/78Drilling Contractor: ARCTIC D.D. Core: Size From To Collar Cased and Capped: NoNQ 0 439.5BQ 439.5 719.6Started: June 9/78 Completed: July 8/78

DDH 7.8-X-10.7
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Cyprus Anvil Mining Corp.

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Lithologic Log

Logged By: DJH
July 1/78

Code	From	To	Unit	Code	Description
I	10	14	16	20	22 23 25 27
L	1100	1195	11	11	# triconed - no core
L	1195	1197	12	5C16	
L	1197	1250	13	5D16	w/ 10% SD3 (FeMg CO ₃ [±] bearing)
					interbanded; rubbly core w/ minor
					gouge; <u>note</u> : core is generally
					rubbly w/ gouge, bxia., and lost
					core zones throughout from 9.5 - 300m.
L	1250	1281	14	5C16	clay seams sub. // S ₂
L	1281	1313	15	5D16	
L	1313	1428	16	5B10	w/ 20% FeMg CO ₃ [±] variety interbanded
L	1428	1462	17	5D13	Fe Mg CO ₃ [±]
L	1462	1515	18	5B10	Fe Mg CO ₃ [±]
L	1515	1566	19	5B16	→ 5B62
L	1566	110188	110	5B10	v. blocky ground w/ lots of mud
					seams 79.0 - 108.8 m.
L	110188	110197	111	5D16	v. blocky, rubbly core
L	110197	11192	112	5C13	" " "
L	11192	11359	113	5C16	20% clay & bxia. seams.
L	11359	11418	114	5D13	
L	11418	11515	115	5B16	→ 5B62; v. blocky
L	11515	11517	116	5D16	
L	11517	11612	117	5C16	
L	11612	11649	118	5D16	
L	11649	11663	119	5B10	FeMg CO ₃ [±] ; bxia.
L	11663	11671	120	5D16	
L	11671	11773	121	5B10	Fe Mg CO ₃ [±]
L	11773	12169	122	5B10	
L	12169	12760	123	5B16	→ 5B62; 40% bxia. & gouge
L	12760	1315	124	5B10	
L	1315	1316	125	5B16	
L	1316	1377	126	5B10	→ 5B06; 50:50 interbanded 5B0:5B6
L	1377	1417	127	5B10	small SD3 bands @ 391.3, 406.1,
					408.8, 436.0, 436.6 m.; blocky,
					rubbly core 420-445 m.
L	1417	1447	128	5D13	
L	1447	1448	129	5B10	

Lithologic Log

Logged By: DJH
July 2/78

Code	From	To	Unit	Code	Description
1	10	14 16 20	22 23 25 27		
L	14188	14190	310	5D13	
L	14190	14883	311	5B10	
L	14883	14913	312	5B16	→ 5B67
L	14913	14917	313	5B10	Fe/Mg CO ₃
L	14917	15018	314	5B10	
L	15018	15124	315	5B16	→ 5B62; w/ 10% 5B0 & 5A1 interbanded
L	15124	15134	316	4K10	weakly calc. (Ca, Mg, Fe-CO ₃) ; no visible Pb/Zn
L	15134	15144	317	5D10	variably calc.
L	15144	15156	318	5B10	
L	15156	15187	319	4K10	as unit 36; <10% 4K8 interbanded; 30-40% py; no visible Pb/Zn
L	15187	15318	410	4C10	w/ 20% 4C8 interbanded; no visible Pb/Zn; 20-30% tot. sdes
L	15318	15510	411	4K18	thin magnetite lams (10%?); 30-40% tot. sdes; 5D0 bands 535.0-535.3 and 535.6-535.9 m, 541.0-541.3
L	15510	15536	412	5D14	? 5B4?; white mica envelope (po bearing); bria & gouge 551.0-551.6 m
L	15536	15552	413	4E11	→ 4E18; 10% 4C8 interbanded
L	15552	15570	414	5D14	? 5B4?; white mica envelope as unit 42
L	15570	15589	415	4C18	60-70% tot. sdes; no visible Pb/Zn
L	15589	15593	416	5D16	
L	15593	15627	417	4E1	60:40 interbanded 4E1:4C0
L	15627	15633	418	5D13	weakly calc.
L	15633	15635	419	4E11	
L	15635	15646	510	5D13	weakly calc.
L	15646	15652	511	4E1	50:50 interbanded 4E0:4C0
L	15652	15654	512	5D13	v. weakly calc.
L	15654	15684	513	4E18	w/ 10% interbanded 4C0
L	15684	15757	514	4C18	w/ 10% interbanded 4A0; 20-30% tot. sdes < 3% Pb+Zn
L	15757	15813	515	4C10	< 3% Pb+Zn; 10-20% tot. sdes
L	15813	15858	516	4A0	< 3% Pb+Zn; 10% tot. sdes (py)
L	15858	15875	517	5A1	
L	15875	15900	518	4A7	< 3% Pb+Zn; 5-10% tot. sdes (po)

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From		To	Unit	Code	Description
1	10	14	16	20	22 23 25 27
1	151910	0	151912	2519	41417 ~5% tot. sdes (po)
2	151922		151928	6051A1	bria; ~50% OQO
3	151928		151953	615D14	?5B4?; white mica envelope; <5% total
					sdes; mass po infilling bria from
					592.8 - 593.2 m
4	151953		151916	4612	41C10 30-40% total sdes; <3% Pb+Zn
5	151964		151974	635D14	?5B674?; white mica envelope.
6	151974		161110	645B17	→5B76; w/10% 4L7 interbanded;
					lower ct gradational over 2 m
7	161110		161117	5615	41417 5% total sdes (po)
8	161117	5	161118	6616	4A10 <5% total sdes (py, po)
9	161118	6	161119	2674	1C10 10-15% tot. sdes (py)
10	161119	2	161210	7618	5B16 →5B62
11	161210	7	161213	5619	4C10 10-20% tot. sdes (py)
	161213	5	161219	1710	4A10 miss-latch 623.9-627.9 (0.7m rec'd);
					5-7% Pb+Zn 623.5-627.9; <3%
					Pb+Zn 627.9-629.1; <10% total
					sdes
12	161219	1	161310	8711	4G10 5-7% Pb+Zn (mainly sph)
13	161310	8	161311	7712	4E10 <3% Pb+Zn
14	161311	7	161321	1734	E18 →4E87
15	161321	1	161516	2745	D13 lower ct gradational over 1.5m
16	161516	2	161616	6715	5B17 →5B73
17	161616	6	161617	4716	5D13
18	161617	4	161711	4717	5DB 70:30 interbanded & interlaminated
					5D3:5B73.
19	161711	4	161715	7718	5B17 →5B73
20	161715	7	161718	5719	5D13
21	161718	5	161719	5810	5B16 →5B62;
22	161719	9	161719	5811	41417 white mica att. (5B14?)
23	161719	5	161812	5812	5B16
24	161812	5	161819	7813	4A10 5-10% tot. sdes (py)
25	161819	7	171010	5814	41417 ct unit 81
26	171010	5	171011	1815	5D13
27	171011	1	171021	1916	41417 ct units 81 & 84
28	171021	1	171114	1817	41417 no white mica att.; <5% tot. sdes (po)

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[illegible]

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Cyprus Anvil Mining Corp.

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Structural Log

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Code	From				To				Feature	E S	S ₁ Dip Direct.				S ₂ Dip Direct.				Description
	1	10	14	16	20	22	24	26			28	32	34	38					
S					198	P	S	12					619	1815					
S					1152	P	S	12					712	1815					
S					1205	C	S	12					814	1815					
S					1251	P	S	12					610	1815					
S					1310	C	S	12					715	1815					
S					1355	C	S	12					712	1815					
S					1413	C	S	12					610	1815					
S					1477	C	S	12					415	1815					
S					1528	C	S	12					710	1815					
S					1570	C	S	12					714	1815					
S					1630	C	S	12					810	1815					
S					1690	C	S	12					810	1815					
S					1754	C	S	12					716	1815					
S					1815	C	S	12					710	1815					
S					1872	C	S	12					715	1815					
S					1941	C	S	12					715	1815					
S					11010	3	C	S	12				715	1815					
S					11059	C	S	12					719	1815					
S					11119	P	S	12					610	1815					
S					11210	9	P	S	12				615	1815					
S					11359	P	S	12					518	1815					
S					11421	C	S	12					518	1815					
S					11482	C	S	12					713	1815					
S					11515	1	C	S	12				614	1815					
S					11610	6	C	S	12				713	1815					
S					11670	C	S	12					611	1815					
S					11713	8	C	S	12				610	1815					
S					11783	C	S	12					610	1815					
S					11850	C	S	12					713	1815					
S					11912	C	S	12					80	1815					
S					11971	C	S	12					516	1815					
S					12076	C	S	12					610	1815					
S					12132	C	S	12					619	1815					
S					12188	C	S	12					615	1815					
S					12247	C	S	12					611	1815					
S					12310	7	C	S	12				719	1815					

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2 8Cyprus Anvil Mining Corp.
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Code	From			To			Feature	E S	S ₁		S ₂		Description
	1	10	14	16	20	22	24		26	28	32	34	38
S					12316	8	CIS12					719/185	
S					12429		CIS12					64/185	
S					12485		CIS12					67/185	
S					12542		CIS12					58/185	
S					12588		CIS12					69/185	
S					12642		CIS12					70/185	
S					12700		CIS12					56/185	
S					12765		CIS12					63/185	
S					12826		CIS12					82/185	
S					12880		CIS12					85/185	
S					12941		CIS12					72/185	
S					13008		CIS12					75/185	
S					13052		CIS12					73/185	
S					13110		CIS12					67/185	
S					13154		CIS12					81/185	
S					13213		CIS12					88/185	
S					13270		CIS12					79/185	
S					13344		CIS12					61/185	
S					13404		CIS12					75/185	
S					13466		CIS12					73/185	
S					13527		CIS12					77/185	
S					13584		CIS12					73/185	
S					13648		CIS12					78/185	
S					13710		CIS12					66/185	
S					13770		CIS12					75/185	
S					13832		CIS12					78/185	
S					13892		CIS12					77/185	
S					13953		CIS12					78/185	
S					14014		CIS12					80/185	
S					14075		CIS12					83/185	
S					14136		CIS12					76/185	
S					14197		CIS12					81/185	
S					14258		CIS12					79/185	
S					14319		CIS12					59/185	
S					14362		CIS12					80/185	
S					14420		CIS12					79	

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2 8Cyprus Anvil Mining Corp.
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Core No.	From				To				Feature E S	S ₁ Dip Direct.		S ₂ Dip Direct.		Description
	1	10	14	16	20	22	24	26		28	32	34	38	
S	1	1	1	1	1414	179	CIS	2		1	1	71	1815	
S	1	1	1	1	1415	177	CIS	2		1	1	812	1815	
S	1	1	1	1	1416	171	CIS	2		1	1	810	1815	
S	1	1	1	1	1416	169	CIS	2		1	1	712	1815	
S	1	1	1	1	1417	124	CIS	2		1	1	712	1815	
S	1	1	1	1	1417	181	CIS	2		1	1	811	1815	
S	1	1	1	1	1418	131	CIS	2		1	1	714	1815	
S	1	1	1	1	1418	197	CIS	2		1	1	815	1815	
S	1	1	1	1	1419	147	CIS	2		1	1	715	1815	
S	1	1	1	1	1500	106	CIS	2		1	1	910	1815	
S	1	1	1	1	1510	166	CIS	2		1	1	715	1815	
S	1	1	1	1	1511	123	PS	2		1	1	617	1815	comp. layering in banded sd
S	1	1	1	1	1511	188	PS	2		1	1	714	1815	"
S	1	1	1	1	1512	190	PS	2		1	1	510	1815	"
S	1	1	1	1	1513	101	PS	2		1	1	811	1815	"
S	1	1	1	1	1513	157	PS	2		1	1	717	1815	
S	1	1	1	1	1514	137	PS	2		1	1	810	1815	comp. layering in sdes
S	1	1	1	1	1515	101	CIS	2		1	1	810	1815	
S	1	1	1	1	1515	158	CIS	2		1	1	616	1815	
S	1	1	1	1	1516	113	PS	2		1	1	715	1815	comp. layering in sdes
S	1	1	1	1	1516	172	PS	2		1	1	710	1815	"
S	1	1	1	1	1517	136	PS	2		1	1	715	1815	"
S	1	1	1	1	1517	197	CIS	2		1	1	713	1815	
S	1	1	1	1	1518	158	CIS	2		1	1	612	1815	
S	1	1	1	1	1519	114	CIS	2		1	1	810	1815	
S	1	1	1	1	1519	165	CIS	2		1	1	715	1815	
S	1	1	1	1	1610	126	CIS	2		1	1	715	1815	
S	1	1	1	1	1610	187	CIS	2		1	1	515	1815	
S	1	1	1	1	1611	152	CIS	2		1	1	710	1815	
S	1	1	1	1	1612	108	CIS	2		1	1	718	1815	
S	1	1	1	1	1612	166	CIS	2		1	1	713	1815	
S	1	1	1	1	1613	124	CIS	2		1	1	514	1815	
S	1	1	1	1	1613	170	CIS	2		1	1	418	1815	
S	1	1	1	1	1614	139	CIS	2		1	1	612	1815	
S	1	1	1	1	1614	192	CIS	2		1	1	616	1815	
S	1	1	1	1	1615	155	CIS	2		1	1	814	1815	

Logged By: DJA
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[illegible]

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2 8Cyprus Anvil Mining Corp.
Geochemical Log (Sampler's Copy)Page 12 of 13
Logged By: DJH
Sampled By: SW

Code	From	To	Sample No.	Description
I	10 14 16 20 22 27			width - no recovery measured.
P	151124	151134	1 12171612	1.0
	1 1 1	1 1 1	1 1 1 1 1	
P	151156	151176	1 12171613	2.0
P	151176	151196	1 12171614	2.0
P	151196	152116	1 12171615	2.0
P	152116	152136	1 12171616	2.0
P	152136	152156	1 12171617	2.0
P	152156	152176	1 12171618	2.0
P	152176	152196	1 12171619	2.0
P	152196	153116	1 12171710	2.0
P	153116	153136	1 12171711	2.0
P	153136	153156	1 12171712	2.0
P	153156	153176	1 12171713	2.0
P	153176	153196	1 12171714	2.0
P	153196	154116	1 12171715	2.0
P	154116	154136	1 12171716	2.0
P	154136	154156	1 12171717	2.0
P	154156	154176	1 12171718	2.0
P	154176	154196	1 12171719	2.0
P	154196	155110	1 12171810	1.4
	1 1 1	1 1 1	1 1 1 1 1	
P	155136	155152	1 12171811	1.6
P	155152	155170	1 12171812	1.8
P	155170	155189	1 12171813	1.9
	1 1 1	1 1 1	1 1 1 1 1	
P	155193	156113	1 12171814	2.0
P	156113	156127	1 12171815	1.4
	1 1 1	1 1 1	1 1 1 1 1	
P	156133	156152	1 12171816	1.9
	1 1 1	1 1 1	1 1 1 1 1	
P	156154	156174	1 12171817	2.0
P	156174	156194	1 12171818	2.0
P	156194	157114	1 12171819	2.0
P	157114	157134	1 12171910	2.0
P	157134	157154	1 12171911	2.0
P	157154	157174	1 12171912	2.0

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

78x08

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 78-X-08

Fabric Orientation Diagram:

Project: DyLocation: Vangorda PlateauClaim: Gale 13UTM Terr. Plane
Co-ords.: 6,901,594.0 N596,771.2 EMetric Grid
Co-ords.: 26+00 N9+00 E

All symmetry determinations looking

NW with 52 dippingSW with dip azimuth 185.Elevation: 1180.49Total Depth: 738.8 mPurpose: Define high grade core zoneLogged by: DJH Date(s) Logged: June 27-30Drilling Contractor: Arctic D.D. Core: Size From To Collar Cased and Capped: NoNQ 0 738.8Started: June 11/78 Completed: June 30/78

DDH 78-X-08
2 8

[illegible][illegible]

Code	From m	To m	Unit	Code	Description
1	10	14 16 20	22 23	25 27	
L	11272	11272	11	11#	triconed; - no core
L	11272	11281	12	5B10	→ 5B02
L	11281	11465	13	5B16	→ 5B67;
L	11465	11855	14	5B10	
L	11855	11915	15	5B12	w/ 20% qtz - CO ₃ pods
L	11915	112171	16	5B12	<u>fault breccia 117.9 - 118.07 m (62/005)</u>
L	112171	11316	17	5B16	→ 5B62; breccia & gouge zone; no 4s
L	11316	11421	18	5B10	ankerite patches & gash fillings in
L	11421	11496	19	5B16	incipient bxia from <u>131.6 → 133.6 m</u>
L	11496	11510	10	5B12	→ 5B62; broken core, gouge & bxia zone
L	11510	11519	11	5B16	w/ 10% interbanded 5B62
L	11519	11548	12	5B16	→ 5B62; gouge & broken core zone; no 4s
L	11548	11824	13	5B12	→ 5B62
L	11824	12092	14	5B12	w/ 25% interbanded 5B62
L	12092	12098	15	5D13	w/ 40% interbanded 5B62
L	12098	12208	16	5B12	
L	12208	12498	17	5B10	w/ 15% 5B62 interbanded
L	12498	12539	18	5B10	
L	12539	12685	19	5B10	broken core & gouge zone; no angles
L	12685	12693	20	5B10	
L	12693	13197	21	5B10	<u>breccia & gouge zone; no angles.</u>
L	13197	13418	22	5D13	
L	13418	13510	23	5B10	
L	13510	13520	24	01Q0	w/ 10% 5B0
L	13520	13813	25	5B10	w/ 10% 5B73 interbanded; 5D3 band
L	13813	13877	26	5D13	<u>380.7 - 380.9 m.</u>
L	13877	14011	27	5B17	w/ 10% 5B73 interbanded
L	14011	14014	28	5D13	→ 5B73
L	14014	14020	29	5B17	
L	14020	14022	30	5D13	
L	14022	14094	31	5G13	weakly graphitic; → 5B2 locally.
L	14094	14135	32	5D13	
L	14135	14148	33	5B17	→ 5B73

DDH 7.8-X-0.8
2 8Cyprus Anvil Mining Corp.
Lithologic LogPage 9 of 11Logged By: DJH
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Code	From m	To m	Unit	Code	Description
1	10	14 16	20 22 23	25 27	
L	14114.8	14115.1	34	5D13	
L	14115.1	14118.7	35	5B17	→ 5B73; minor 5D3 interbanded
L	14118.7	14121.8	36	5D13	
L	14121.8	14122.5	37	5E18	
L	14122.5	14126.0	38	5B1D	70:30 interbanded 5B73:5D3
L	14126.0	14129.6	39	5B17	→ 5B73
L	14129.6	14130.9	40	5D13	
L	14130.9	14135.0	41	5B17	→ 5B73
L	14135.0	14137.6	42	5D13	
L	14137.6	14139.4	43	5B17	→ 5B73
L	14139.4	14140.2	44	5D13	
L	14140.2	14143.3	45	5B17	→ 5B73
L	14143.3	14143.7	46	5D13	
L	14143.7	14153.6	47	5B17	→ 5B73
L	14153.6	14157.4	48	5D13	10-15% 5B73 interbanded
L	14157.4	14167.2	49	5B17	→ 5B73
L	14167.2	14172.3	50	5D13	10-15% 5B73 interbanded
L	14172.3	14175.5	51	5B17	→ 5B73
L	14175.5	14188.0	52	5D13	
L	14188.0	14190.1	53	5B17	→ 5B73
L	14190.1	14197.3	54	5D13	10% 5B2 interbanded
L	14197.3	14198.4	55	5B17	→ 5B73
L	14198.4	14198.7	56	01E6	post D2 dike w/ cts ≈ 52; ~5% anhedral plag. phenos. to 1mm in a dark grey-brown aphanitic matrix.
	111	111	111	111	
	111	111	111	111	
L	14198.7	151010.8	57	5D13	10-15% 5B73 interbanded
L	151010.8	15106.5	58	5B17	→ 5B73
L	15106.5	15109.0	59	5D10	
L	15109.0	15117.4	60	5B17	→ 5B73
L	15117.4	15119.7	61	5D10	
L	15119.7	15125.6	62	5B17	→ 5B73
L	15125.6	15126.4	63	5D13	
L	15126.4	15130.0	64	5B10	
L	15130.0	15133.3	65	5B1D	60:40 interbanded 5B73:5D3
L	15133.3	15135.8	66	5D13	
L	15135.8	15137.9	67	5B10	

Code	From	To	Unit	Code	Description
1	10	14 16	20	22 23 25 27	
L	151317	9	151410	4 618 51D13	
L	151410	4	151814	5 619 51B10	
L	151814	5	151816	9 710 51D13	
L	151816	9	151915	9 711 51B12	
L	151915	9	161013	0 712 51B16	→ 5B62
L	161013	0	161015	2 713 51B12	
L	161015	2	161018	7 714 51B16	→ 5B62
L	161018	7	161114	1 715 51A11	→ 5A16
L	161114	1	161214	5 716 51B12	→ 5B26; <10% 5D3 interbanded
L	161214	5	161310	2 717 51B16	→ 5B67?
L	161310	2	161310	9 718 51D13	
L	161310	9	161312	9 719 51B16	→ 5B67?; 10% interbanded 5B0 (5B73?)
L	161312	9	161313	2 810 51A1	
L	161313	2	161314	1 811 4E14	~15-17% Pb+Zn
L	161314	1	161314	3 812 51A1	no sdes
L	161314	3	161314	9 813 4E14	~13-15% Pb+Zn
L	161314	9	161315	8 814 51A1	~10% 5D3 interbanded; minor po blebs
L	161315	8	161316	0 815 4E14	10-12% Pb+Zn
L	161316	0	161316	6 816 51A1	→ 5A19; minor stratiform py; → 5A39
	111	111	111	111	locally
L	161316	6	161316	9 817 4E1	10% SiO ₂ ; no visible Pb/Zn
L	161316	9	161412	5 818 4A14	10-12% Pb+Zn; high Zn; Si, S ₂
	111	111	111	111	foliaform sdes; minor 5D3 over last
	111	111	111	111	1.5 m of int.
L	161412	5	161417	1 819 51B12	→ 5B26; 10-15% 5D69(po) interbanded
L	161417	1	161630	0 910 51D13	<10% 5D69(po) interbanded
L	161630	0	161643	3 911 51B16	→ 5B62
L	161643	3	161672	2 912 51D13	
L	161672	2	161712	1 913 51B16	
L	161712	1	161714	6 914 51B10	
L	161714	6	161812	8 915 51D13	
L	161812	8	161838	9 916 51B16	→ 5B67; 10% 5B73 interbanded
L	161838	9	161851	1 917 51D13	
L	161851	1	161872	2 918 51B16	→ 5B62; incip. bxi'an + gouge
L	161872	2	161885	5 919 51D16	
L	161885	5	161915	0 4.1.7	(minor S ₂ foliaform po)

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Code	From			To			Feature	SYN	S ₁		S ₂		Description
	Dip	Direct.		Dip	Direct.	Dip			Direct.				
1	10	14	16	20	22	24	26	28	32	34	38		
S	1	1	1	1	12	75	C/S	12	1	1	1	814 / 18.5	
S	1	1	1	1	13	35	C/S	12	1	1	1	718 / 18.5	
S	1	1	1	1	13	94	C/S	12	1	1	1	612 / 18.5	
S	1	1	1	1	14	47	C/S	12	1	1	1	710 / 18.5	
S	1	1	1	1	15	08	C/S	12	1	1	1	71 / 18.5	
S	1	1	1	1	15	68	C/S	12	1	1	1	619 / 18.5	
S	1	1	1	1	16	25	C/S	12	1	1	1	715 / 18.5	
S	1	1	1	1	16	86	C/S	12	1	1	1	618 / 18.5	
S	1	1	1	1	17	33	C/S	12	1	1	1	718 / 18.5	
S	1	1	1	1	17	96	C/S	12	1	1	1	714 / 18.5	
S	1	1	1	1	18	53	C/S	12	1	1	1	712 / 18.5	
S	1	1	1	1	19	14	C/S	12	1	1	1	715 / 18.5	
S	1	1	1	1	19	74	C/S	12	1	1	1	812 / 18.5	
S	1	1	1	1	1	10	27	C/S	12	1	1	717 / 18.5	
S	1	1	1	1	1	10	79	C/S	12	1	1	710 / 18.5	
S	1	1	1	1	1	1	41	C/S	12	1	1	617 / 18.5	
S	1	1	1	1	1	12	03	C/S	12	1	1	810 / 18.5	
S	1	1	1	1	1	12	54	C/S	12	1	1	810 / 18.5	Bria & Gouge 127.0 - 133.8
S	1	1	1	1	1	13	40	C/S	12	1	1	619 / 18.5	
S	1	1	1	1	1	13	96	C/S	12	1	1	910 / 18.5	
S	1	1	1	1	1	14	48	C/S	12	1	1	613 / 18.5	
S	1	1	1	1	1	15	09	C/S	12	1	1	817 / 18.5	
S	1	1	1	1	1	15	65	C/S	12	1	1	815 / 18.5	
S	1	1	1	1	1	16	27	C/S	12	1	1	812 / 18.5	
S	1	1	1	1	1	16	88	C/S	12	1	1	618 / 18.5	
S	1	1	1	1	1	17	53	C/S	12	1	1	718 / 18.5	Post D2 Kink folds.
S	1	1	1	1	1	18	15	C/S	12	1	1	812 / 18.5	
S	1	1	1	1	1	18	58	C/S	12	1	1	813 / 18.5	
S	1	1	1	1	1	19	12	C/S	12	1	1	817 / 18.5	
S	1	1	1	1	1	19	72	C/S	12	1	1	715 / 18.5	
S	1	1	1	1	1	20	36	C/S	12	1	1	815 / 18.5	
S	1	1	1	1	1	20	88	C/S	12	1	1	510 / 18.5	
S	1	1	1	1	1	21	47	C/S	12	1	1	610 / 18.5	
S	1	1	1	1	1	21	86	C/S	12	1	1	813 / 18.5	
S	1	1	1	1	1	22	43	C/S	12	1	1	61 / 18.5	
S	1	1	1	1	1	22	94	C/S	12	1	1	718 / 18.5	

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Code	From			To			Feature	S ₁ Dip Direct.	S ₂ Dip Direct.			Description
	10	14	16	20	22	24			28	32	34	
S	1	1	1	12358	C	S	12	1	1	1	712/185	
S	1	1	1	12423	C	S	12	1	1	1	78/185	
S	1	1	1	12488	C	S	12	1	1	1	72/185	
S	1	1	1	12539	C	S	12	1	1	1	713/185	
S	1	1	1	12600	C	S	12	1	1	1	73/185	
S	1	1	1	12655	C	S	12	1	1	1	79/185	
S	1	1	1	12704	C	S	12	1	1	1	75/185	
S	1	1	1	12761	C	S	12	1	1	1	74/185	
S	1	1	1	128122	C	S	12	1	1	1	79/185	
S	1	1	1	12883	C	S	12	1	1	1	81/185	
S	1	1	1	12943	C	S	12	1	1	1	613/185	
S	1	1	1	13010	C	S	12	1	1	1	810/185	
S	1	1	1	13066	C	S	12	1	1	1	79/185	
S	1	1	1	13127	C	S	12	1	1	1	85/185	
S	1	1	1	13188	C	S	12	1	1	1	75/185	
S	1	1	1	13247	C	S	12	1	1	1	55/185	
S	1	1	1	13296	C	S	12	1	1	1	74/185	
S	1	1	1	13356	C	S	12	1	1	1	85/185	
S	1	1	1	13418	C	S	12	1	1	1	90/185	
S	1	1	1	13481	C	S	12	1	1	1	70/185	
S	1	1	1	13523	C	S	12	1	1	1	76/185	
S	1	1	1	13581	C	S	12	1	1	1	78/185	
S	1	1	1	13642	C	S	12	1	1	1	82/185	
S	1	1	1	13688	C	S	12	1	1	1	81/185	
S	1	1	1	13743	C	S	12	1	1	1	85/185	
S	1	1	1	13800	C	S	12	1	1	1	65/185	
S	1	1	1	13860	C	S	12	1	1	1	78/185	
S	1	1	1	13920	C	S	12	1	1	1	72/185	
S	1	1	1	13980	C	S	12	1	1	1	84/185	
S	1	1	1	14041	C	S	12	1	1	1	85/185	
S	1	1	1	14093	C	S	12	1	1	1	79/185	
S	1	1	1	14151	C	S	12	1	1	1	80/185	
S	1	1	1	14212	C	S	12	1	1	1	75/185	
S	1	1	1	14275	C	S	12	1	1	1	88/185	
S	1	1	1	14313	C	S	12	1	1	1	82/185	
S	1	1	1	14400	C	S	12	1	1	1	69/185	

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Code	From	To	Feature	S ₁ S ₄ Dip Direct.	S ₂ Dip Direct.	Description
1	10	14 16	20 22 24 26	28	32 34	38
S	1111	149462	C/S2	111	719/185	
S	1111	14523	C/S2	111	617/185	
S	1111	14581	C/S2	111	613/185	
S	1111	146133	C/S2	111	75/185	
S	1111	14694	C/S2	111	70/185	
S	1111	14758	C/S2	111	90/185	
S	1111	14822	C/S2	111	80/185	
S	1111	14886	C/S2	111	87/185	
S	1111	14949	C/S2	111	82/185	
S	1111	15010	C/S2	111	717/185	
S	1111	15072	C/S2	111	84/185	
S	1111	15134	C/S2	111	80/185	
S	1111	15197	C/S2	111	78/185	
S	1111	15259	C/S2	111	85/185	
S	1111	15319	C/S2	111	75/185	
S	1111	15379	C/S2	111	75/185	
S	1111	15437	C/S2	111	78/185	
S	1111	15455	C/S2	90 111	65/185	= D4 S sym
S	1111	15529	C/S2	111	72/185	
S	1111	15607	C/S2	111	85/185	
S	1111	15670	C/S2	111	83/185	
S	1111	15732	C/S2	111	85/185	
S	1111	15790	C/S2	111	716/185	
S	1111	15849	C/S2	111	75/185	
S	1111	15910	C/S2	111	78/185	
S	1111	15989	C/S2	111	70/185	
S	1111	16031	C/S2	111	713/185	
S	1111	16106	C/S2	111	710/185	
S	1111	161167	C/S2	111	80/185	
S	1111	161227	C/S2	111	616/185	
S	1111	1612177	C/S2	111	715/185	
S	1111	161311	C/S2	111	610/185	
S	1111	161399	C/S2	111	618/185	
S	1111	1614161	C/S2	111	810/185	
S	1111	161507	C/S2	111	617/185	
S	1111	1615171	C/S2	111	814/185	

Logged By: DJH
June 29/78

Logged By: DJH
June 29/78

[illegible]

Sampled By: June 30/78

[illegible]

78X-09

Code	From	To	Unit	Code	Description
I	10 14	16 20	22 23	25 27	
					gtz. + plag. phenos in a f.g. → aphanitic greenish groundmass; upper ct. @ 80°/005°; gradational lower ct.
L	1210196	1212158	216	51F10	creamy white gtz-felds porphyry; occ large K-spar phenos, ~15% m.g. cubedra gtz phenos (not smokey), 25% subhedra. f. → m.g. plag phenos in an aphanitic light grey matrix; weakly calc.; no att. possible @ lower ct.
L	1212158	1215190	217	51B10	
L	1215190	1216139	218	51B10	(Fe, Mg CO ₃ ⁼) bearing
L	1216139	1216176	219	51B10	(Fe, Mg CO ₃ ⁼) bearing; fault zone w/ bxia & gouge; upper ct. @ 10° to C.A. w/ clicks @ 70° to C.A.; lower ct. @ 23° to C.A.; no directions due to subhoriz S2
L	1216176	1217106	310	51B10	(Fe, Mg CO ₃ ⁼) bearing
L	1217106	1218144	311	51B10	
L	1218144	1219168	312	51E10	light grey phyllitic marble w/ 10% SE2 interbands; 10% SD3 & 5B0 interbanded over last 1.5 m of interval
L	1219168	1219194	313	51D13	normal "dirty" green, laminated "meta-tuff"
L	1219194	1310123	314	51B10	w/ 10% SD3 interbanded
L	1310123	1310142	315	51D13	tan coloured "meta-tuff"; (Fe, Mg CO ₃ ⁼) bearing?
L	1310142	1311164	316	51B10	(Fe, Mg CO ₃ ⁼) bearing
L	1311164	1311171	317	51D13	(Fe, Mg CO ₃ ⁼) bearing
L	1311171	1312154	318	51B10	
L	1312154	1312170	319	51B10	(Fe, Mg CO ₃ ⁼) bearing.
L	1312170	1313120	410	51D13	as unit 35
L	1313120	1313192	411	51D13	dirty green, weakly CaCO ₃ laminated, chloritic; mod. calc. "meta-tuff"
L	1313192	1314108	412	51B10	w/ minor Fe, Mg CO ₃ ⁼ ; 5B73 over last 0.5 m of interval
L	1314108	1314125	413	51D13	as unit 35
L	1314125	1314131	414	51B10	(Fe, Mg CO ₃ ⁼) bearing
L	1314131	1314136	415	51D13	as unit 35

Code	From			To			Unit	Code	Description
1	10	14	16	20	22	23	25	27	
L	134	136	134	150	416	518	10		w/minor Fe, Mg CO ₃ ⁼
L	134	150	134	165	417	518	13		as unit 35
L	134	165	135	147	418	518	17		→ 5B73
L	135	147	136	164	419	518	10		(Fe, Mg CO ₃ ⁼) bearing
L	136	164	137	122	510	518	10		
L	137	122	137	131	511	518	13		as unit 35
L	137	131	137	196	512	518	17		→ 5B73; (Fe, Mg CO ₃ ⁼) bearing
L	137	196	138	121	513	518	13		as unit 41
L	138	121	138	165	514	518	17		→ 5B73; (Fe, Mg CO ₃ ⁼) bearing
L	138	165	138	185	515	518	13		as unit 35
L	138	185	138	194	516	518	17		→ 5B73; (Fe, Mg CO ₃ ⁼) bearing
L	138	194	140	135	517	518	13		as unit 35
L	140	135	140	149	518	518	10		
L	140	149	140	175	519	518	13		50:50, as unit 35: as unit 41
L	140	175	142	100	610	518	10		(Fe Mg CO ₃ ⁼) bearing; fault @ 418.0m
	111		111		111	111			@ 55° to c.a.
L	142	100	142	159	611	518	10		
L	142	159	142	187	612	518	10		(Fe, Mg CO ₃ ⁼) bearing
L	142	187	144	167	613	518	17		→ 5B73
L	144	167	144	193	614	518	13		as unit 41
L	144	193	146	158	615	518	17		→ 5B73
L	146	158	147	109	616	518	13		strongly laminated
L	147	109	148	105	617	518	10		
L	148	105	148	128	618	518	13		as unit 41
L	148	128	149	138	619	518	10		
L	149	138	149	145	710	518	13		as unit 41
L	149	145	150	132	711	518	10		
L	150	132	150	157	712	518	13		as unit 41
L	150	157	151	107	713	518	12		→ 5B23; incip. bxia.
L	151	107	151	149	714	516	10		→ 5G23; 80:20, 5G3: 5D3 interbanded
L	151	149	151	179	715	518	13		as unit 41; minor 5G3 interbanded
L	151	179	151	190	716	516	13		
L	151	190	152	168	717	518	12		→ 5B26; minor 5B23 interbanded
L	152	168	152	188	718	417			~5% Si & S ₂ foliaform po
L	152	188	153	108	719	518	13		as unit 41
L	153	108	153	119	810	516	16		

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Code	From			To			Feature	S ₁	S ₂	Description	
1	10	14	16	20	22	24	26	Dip	Direct.	Dip	Direct.
S	1	1	1	1	127	CIS12		1	1	715	1815
S	1	1	1	1	184	CIS12		1	1	812	1815
S	1	1	1	1	244	CIS12		1	1	712	1815
S	1	1	1	1	300	CIS12		1	1	810	1815
S	1	1	1	1	360	CIS12		1	1	818	1815
S	1	1	1	1	420	CIS12		1	1	812	1815
S	1	1	1	1	492	CIS12		1	1	812	1815
S	1	1	1	1	558	CIS12		1	1	717	1815
S	1	1	1	1	619	CIS12		1	1	817	1815
S	1	1	1	1	679	CIS12		1	1	619	1815
S	1	1	1	1	722	CIS12		1	1	619	1815
S	1	1	1	1	780	CIS12		1	1	715	1815
S	1	1	1	1	844	CIS12		1	1	615	1815
S	1	1	1	1	905	CIS12		1	1	711	1815
S	1	1	1	1	966	CIS12		1	1	716	1815
S	1	1	1	1	1027	CIS12		1	1	713	1815
S	1	1	1	1	1088	CIS12		1	1	712	1815
S	1	1	1	1	1140	CIS12		1	1	719	1815
S	1	1	1	1	12102	CIS12		1	1	618	1815
S	1	1	1	1	12150	CIS12		1	1	713	1815
S	1	1	1	1	1307	CIS12		1	1	619	1815
S	1	1	1	1	1362	CIS12		1	1	712	1815
S	1	1	1	1	1423	CIS12		1	1	719	1815
S	1	1	1	1	1484	CIS12		1	1	813	1815
S	1	1	1	1	1545	CIS12		1	1	713	1815
S	1	1	1	1	16106	CIS12		1	1	810	1815
S	1	1	1	1	1667	CIS12		1	1	615	1815
S	1	1	1	1	1727	CIS12		1	1	810	1815
S	1	1	1	1	1784	CIS12		1	1	715	1815
S	1	1	1	1	1841	CIS12		1	1	715	1815
S	1	1	1	1	1904	CIS12		1	1	615	1815
S	1	1	1	1	1966	CIS12		1	1	810	1815
S	1	1	1	1	210128	CIS12		1	1	618	1815
	1	1	1	1	1			1	1	1	1
	1	1	1	1	1			1	1	1	1
S	1	1	1	1	22183	CIS12		1	1	71	1815

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Code	From			To			Feature	S ₁ Dip Direct.	S ₂ Dip Direct.			Description	
	1	10	14	16	20	22			24	26	28		32
S	1	1	1	1	121313	7	CIS12	1	1	1	619	1815	
S	1	1	1	1	121319	6	CIS12	1	1	1	817	1815	
S	1	1	1	1	121416	0	CIS12	1	1	1	717	1815	
S	1	1	1	1	121512	0	CIS12	1	1	1	713	1815	
S	1	1	1	1	121518	2	CIS12	1	1	1	810	1815	
S	1	1	1	1	121613	8	CIS12	1	1	1	810	1815	
S	1	1	1	1	121619	9	CIS12	1	1	1	812	1815	
S	1	1	1	1	121715	8	CIS12	1	1	1	817	1815	
S	1	1	1	1	121811	9	CIS12	1	1	1	814	1815	
S	1	1	1	1	121818	0	CIS12	1	1	1	717	1815	
S	1	1	1	1	121914	1	CIS12	1	1	1	815	1815	
S	1	1	1	1	131010	5	CIS12	1	1	1	715	1815	
S	1	1	1	1	131016	0	CIS12	1	1	1	711	1815	
S	1	1	1	1	131110	8	CIS12	1	1	1	810	1815	
S	1	1	1	1	131117	1	CIS12	1	1	1	811	1815	
S	1	1	1	1	131213	4	CIS12	1	1	1	710	1815	
S	1	1	1	1	131219	5	CIS12	1	1	1	812	1815	
S	1	1	1	1	131315	6	CIS12	1	1	1	810	1815	
S	1	1	1	1	131411	9	CIS12	1	1	1	617	1815	
S	1	1	1	1	131418	1	CIS12	1	1	1	714	1815	
S	1	1	1	1	131514	5	CIS12	1	1	1	718	1815	
S	1	1	1	1	131611	0	CIS12	1	1	1	811	1815	
S	1	1	1	1	131617	3	CIS12	1	1	1	714	1815	
S	1	1	1	1	131713	7	CIS12	1	1	1	810	1815	
S	1	1	1	1	131810	1	CIS12	1	1	1	713	1815	
S	1	1	1	1	131816	2	CIS12	1	1	1	810	1815	
S	1	1	1	1	131912	1	CIS12	1	1	1	710	1815	
S	1	1	1	1	131919	1	CIS12	1	1	1	717	1815	
S	1	1	1	1	141015	3	CIS12	1	1	1	717	1815	
S	1	1	1	1	141110	3	CIS12	1	1	1	813	1815	
S	1	1	1	1	141115	6	CIS12	1	1	1	810	1815	
S	1	1	1	1	141212	1	CIS12	1	1	1	910	1815	
S	1	1	1	1	141218	0	CIS12	1	1	1	716	1815	
S	1	1	1	1	141314	8	CIS12	1	1	1	717	1815	
S	1	1	1	1	141411	2	CIS12	1	1	1	810	1815	
S	1	1	1	1	141417	3	CIS12	1	1	1	718	1815	

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Core	From			To			Feature	S ₁ Dip Direct.	S ₂ Dip Direct.		Description	
	10	14	16	20	22	24			26	28		32
S	1	1	1	145135	CIS12			1	1	1	86/185	
S	1	1	1	145199	CIS12			1	1	1	613/1815	
S	1	1	1	146163	CIS12			1	1	1	615/1815	
S	1	1	1	14726	CIS12			1	1	1	719/1815	
S	1	1	1	14776	CIS12			1	1	1	719/1815	
S	1	1	1	14838	CIS12			1	1	1	910/1815	
S	1	1	1	14900	CIS12			1	1	1	910/1815	
S	1	1	1	14965	CIS12			1	1	1	715/1816	
S	1	1	1	150132	CIS12			1	1	1	815/1815	
S	1	1	1	150193	CIS12			1	1	1	710/1815	
S	1	1	1	151157	CIS12			1	1	1	817/1815	
S	1	1	1	152119	CIS12			1	1	1	715/1815	
S	1	1	1	152180	CIS12			1	1	1	715/1815	
S	1	1	1	15342	CIS12			1	1	1	815/1815	
S	1	1	1	15401	CIS12			1	1	1	81/1815	
S	1	1	1	15465	CIS12			1	1	1	715/1815	
S	1	1	1	15526	CIS12			1	1	1	615/1815	
S	1	1	1	155160	CIS12			1	1	1	616/1815	
S	1	1	1	156125	CIS12			1	1	1	713/1815	
S	1	1	1	156169	CIS12			1	1	1	715/1815	
S	1	1	1	157130	CIS12			1	1	1	718/1815	
S	1	1	1	157192	CIS12			1	1	1	710/1815	
S	1	1	1	158131	CIS12			1	1	1	718/1815	
S	1	1	1	158187	CIS12			1	1	1	614/1815	
S	1	1	1	159198	CIS12			1	1	1	715/1815	
S	1	1	1	160110	CIS12			1	1	1	812/1815	
S	1	1	1	160174	CIS12			1	1	1	714/1815	
S	1	1	1	161137	CIS12			1	1	1	716/1815	
S	1	1	1	162105	CIS12			1	1	1	716/1815	
S	1	1	1	162166	CIS12			1	1	1	810/1815	
S	1	1	1	163127	CIS12			1	1	1	715/1815	
S	1	1	1	163188	CIS12			1	1	1	810/1815	
S	1	1	1	164149	CIS12			1	1	1	714/1815	
S	1	1	1	165113	CIS12			1	1	1	718/1815	
S	1	1	1	165177	CIS12			1	1	1	716/1815	
S	1	1	1	166141	CIS12			1	1	1	81/1815	

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Logged By: DJH

[illegible]

DDH 78-X-09
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Cyprus Anvil Mining Corp.

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Logged By: DJH

Sampled By: SKB

Geochemical Log (Sampler's Copy)

[illegible]

CYPRUS ANVIL MINING CORPORATIONDIAMOND DRILL CORE LOGHole Number: 78-X-09

Fabric Orientation Diagram:

Project: DyLocation: Vangorda PlateauClaim: DY 43Terr. Plane
Co-ords.: _____ N

E

Metric Grid
Co-ords.: L 16+50 E24+75 N

All symmetry determinations looking

NW with S2 dipping

Elevation: _____

SW with dip azimuth 185.Total Depth: 684.2 m.Purpose: Define Dy Sulfide ZoneLogged by: DJH Date(s) Logged: Aug. /78Drilling
Contractor: ARCTIC D.D. Core: Size From To Collar Cased
and Capped: NoNQ 0 684.2_____

_____Started: July 1/78 Completed: July 31/78

DDH 7.8 - X - 0.9
2 8

Code	Drillhole	Elevation	Northing	Easting	Comments
I	2 8	10 16	17 24	25 32	34 48
T	7.8-1X-10.9				

[illegible][illegible]

Lithologic Log

Logged By: DJH
July 30/78

Code	From	To	Unit	Code	Description
1	10	14 16 20	22 23 25 27		
L	11120	11125	11	11	triconed - no core
L	11125	11172	12	5D10	dirty grey-green, laminated $\rightarrow$ thinly banded chloritic phyllite
L	11172	11193	13	5C13	light green, strongly foliated metabasite w/ minor 5D3 interbanded; probable metavolc w/ tuff margins
L	11193	11216	14	5D10	as unit 2
L	11216	11216	15	5C13	as unit 3
L	11216	11219	16	5D10	as unit 2 w/ chlorite mottling
L	11219	11510	17	5B12	$\rightarrow$ 5B26 w/ minor 5B23 (weakly calc.) interbanded
L	11510	11617	18	5B12	$\rightarrow$ 5B23 (weakly calc.) w/ minor 5B26 interbanded
L	11617	11714	19	5B12	$\rightarrow$ 5B26 w/ 20% 5B23 interbanded
L	11714	11718	110	01Q10	w/ 15% 5B26
L	11718	111013	111	5B12	$\rightarrow$ 5B23 (mod. calc.)
L	111013	111214	112	5B12	$\rightarrow$ 5B26; as unit 7
L	111214	111218	113	5B12	$\rightarrow$ 5B23; as unit 8
L	111218	111219	114	5B12	$\rightarrow$ 5B26; as unit 7
L	111219	111310	115	5B12	$\rightarrow$ 5B26; fault zone - bxia. & gouge; no ct. angles
L	111310	111412	116	5B12	$\rightarrow$ 5B26; as unit 7
L	111412	111615	117	5B12	$\rightarrow$ 5B23 (mod. calc.) w/ 20% 5B26 interbanded
L	111615	111717	118	5B10	
L	111717	111718	119	5B10	fault zone - bxia & gouge; upper ct. @ 35° to C.A.; no lower ct. attitude possible
L	111718	111812	120	5B10	
L	111812	111813	121	5B10	fault zone - bxia & gouge; upper ct. @ 15° to C.A. w/ horiz. slicks; lower ct. $\approx$ 11S2
L	111813	121013	122	5B10	
L	121013	121014	123	01F10	upper ct. @ 70°/0.05; lower ct. irregular (no attitude); % dike wrt. S2
L	121014	121015	124	5B10	xenolith?; no apparent rotation of S2
L	121015	121019	125	01E18	med. green, weakly calc, porphyritic qtz. diorite; $\sim$ 5% mafic phenos, 25-30% anhedral

CYPRUS ANVIL MINING CORPORATIONDIAMOND DRILL CORE LOGHole Number: 78-X-10

Fabric Orientation Diagram:

Project: DyLocation: Vangorda PlateauClaim: DY 45Terr. Plane
Co-ords.: 6,901,383.13 N597,334.52 EGrid
Co-ords.: L 75+00 E25+50 N

All symmetry determinations looking

NW with 52 dippingElevation: 1,106.32SW with dip azimuth 185.Total Depth: 705.0 mPurpose: Define Dy Sulfide HorizonLogged by: DJHDate(s) Logged: July 78Drilling
Contractor: ARCTIC D D Core: Size From To Collar Cased
and Capped: NoNQ 0 705.0- - -- - -Started: July 10/78 Completed: July 27/78

DDH 78-X-10
2 8

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Lithologic Log

Logged By: DTH
July 24

Core	From	To	Unit	Code	Description
1	10	14 16	20 22 23	25 27	
L	111100	111137	11	1#	o/B
L	111137	112150	12	1#	triconed - no core
L	112150	112158	13	5D13	
L	112158	114131	14	5B10	fault @ 41.8 m - 18° to c.A.
L	114131	114146	15	5D13	
L	114146	114168	16	5C13	well foliated, light grey green metabasite
	1111	1111	1	1	probable metavolc. w/ marginal metatuffs; pinkish kaolinite? spec.
L	114168	114172	17	5D13	
L	114172	114184	18	5B12	→ 5B23
L	114184	114187	19	5D13	
L	114187	114198	110	5C13	as unit 6.
L	114198	115107	111	5D13	
L	115107	117126	112	5B10	
L	117126	117134	113	5D13	
L	117134	117154	114	5C13	as unit 6
L	117154	117158	115	5D13	
L	117158	117176	116	5C13	as unit 6.
L	117176	11821	117	5D13	
L	11821	118127	118	5B16	gouge & breccia @ both cts; int. & of 11° to c.
L	118127	118169	119	5C16	generally well foliated; light → med
	1111	1111	1	1	grey green metabasite w/ minor
	1111	1111	1	1	dark green → black metabasite containing
	1111	1111	1	1	good relict pyroxene phenos (to 1 cm
	1111	1111	1	1	long)
L	118169	119156	210	5C16	dark blackish green, weakly foliated
	1111	1111	1	1	metabasite (ultramafic?); weak relict
	1111	1111	1	1	porphyritic igneous text.
L	119156	1110146	211	5C16	similar to unit 19; no relict igneous
	1111	1111	1	1	texture
L	1110146	1111137	212	5C16	as unit 20
L	1111137	111150	213	5C13	as unit 21
L	111150	111155	214	5D16	
L	111155	112108	215	5B17	→ 5B73 (Fe, Mg CO ₃)
L	112108	112118	216	5D13	(Fe, Mg CO ₃)
L	112118	112178	217	5B10	10% Fe, Mg CO ₃ bearing
L	112178	112182	218	5D13	V

Lithologic Log

Code	From	To	Unit	Code	Description
1	10	14	16	20	22 23 25 27
L	11218.2	11219.7	219	51817	→ 5B73 (Fe, Mg CO ₃ ⁼)
L	11219.7	11313.8	310	51813	Fe, Mg CO ₃ ⁼ bearing w/minor CaCO ₃
L	11313.8	11318.4	311	51817	→ 5B73 (Fe, Mg CO ₃ ⁼)
L	11318.4	11411.4	312	51816	fault zone w/ bxia & gouge; lower ct @
	111	111		111	38/185; no upper ct at this attitude obtainable
L	11411.4	11614.4	313	51812	weakly calc.
L	11614.4	11814.6	314	51817	→ 5B73
L	11814.6	12131.0	315	51810	
L	12131.0	12131.0	316	51817	→ 5B73
L	12131.0	12152.0	317	51810	
L	12152.0	12182.2	318	51810	w/10% interbanded 5D3
L	12182.2	13108.0	319	51817	→ 5B73; w/10% interbanded 5D3
L	13108.0	13121.1	410	51817	→ 5B73
L	13121.1	131218.6	411	51810	50:50 interbanded 5B73: 5D3
L	131218.6	13132.8	412	51810	
L	13132.8	13135.0	413	51816	bxia & gouge mainly; minor 5B6 (15-20%)
	111	111		111	interbanded; upper ct @ 30° to c.A;
	111	111		111	no lower ct obtainable
L	13135.0	131317.5	414	51817	→ 5B76; fault zone? w/ broken core,
	111	111		111	gouge & irregularly steep S2
L	131317.5	131319.8	415	51817	→ 5B76
L	131319.8	13155.1	416	51817	→ 5B73
L	13155.1	131516.0	417	51813	
L	131516.0	131619.5	418	51810	
L	131619.5	131719.4	419	51813	
L	131719.4	131910.0	510	51817	→ 5B73
L	131910.0	141013.4	511	51813	
L	141013.4	141018.4	512	51817	→ 5B73
L	141018.4	141244.4	513	51813	w/20% interbanded 5B73
L	141244.4	141217.2	514	51817	→ 5B73
L	141217.2	14133.7	515	51817	weakly calc.
L	14133.7	141319.9	516	51817	→ 5B73
L	141319.9	141418.7	517	51813	w/10% 5B73 interbanded
L	141418.7	141610.5	518	51817	→ 5B73; w/10% 5D3 interbanded
L	141610.5	141615.8	519	51813	
L	141615.8	141813.4	610	51810	
L	141813.4	141815.5	611	51813	

Logged By: DJH
July 24

Code	From	To	Unit	Code	Description
1	10	14	16	20	22 23 25 27
L	14815	5	14913	4	612 5B17 → 5B73
L	14913	4	15017	0	613 5B10
L	15017	0	15017	3	6A 5D13
L	15017	3	15122	0	615 5B10 fault @ 509.7m - 20° to C.A. in direction
					185°; fault @ 509.1m - 15/185°
L	15122	0	15122	7	616 5B10 fault gouge & bxia; appears to be
					subll S2
L	15122	7	15136	9	617 5B10
L	15136	9	15137	4	618 5G1D 50:50 interbanded 5S0: 5D3
L	15137	4	15140	8	619 5B10 <10% interbanded 5D3
L	15140	8	15144	7	710 5B17 → 5B73; w/10% interbanded 5D3; incip
					bxiat'n
L	15144	7	15147	1	711 5B16 incip bxiat'n
L	15147	1	15149	2	712 5A10 bxia & gouge; minor pyritic frags.
L	15149	2	15150	8	713 5D16 minor bxia
[	15150	8	15151	9	714 5A10 fault zone? - bxia, gouge & abnormally
					steep S2 (bxia frags?)]
L	15151	9	15151	6	715 4C17
L	15151	6	15164	8	716 5D18 50:50 interbanded 5D6: 5B76
L	15164	8	15170	2	717 5D16 minor mariposite?
L	15170	2	15176	7	718 5B17 → 5B76; generally bxiat'd; <10%
					interbanded 5D6
L	15176	7	15178	1	719 5D10 variably calc.
L	15178	1	15181	1	810 5B17 → 5B76; w/10% interbanded 5D6
L	15181	1	15181	3	2 811 5D13 w/<10% 5B6 interbanded
L	15181	3	15186	2	812 5B17 → 5B76; fault zone over last 0.5 m of
					interval @ 22°/185°
L	15186	2	15191	4	813 5D16
L	15191	4	15193	0	814 5B17 → 5B76
L	15193	0	15196	2	815 5D16 w/<10% interbanded 5D3; generally
					bxiat'd w/ gouge zones 593.0-593.3m
					and 593.8-594.2 (20° to C.A. @ 593.8m)
					(25° to C.A. @ 593.3m)
L	15196	2	15199	5	816 5D16
L	15199	5	15201	2	817 5D16 strongly bxiat'd w/ 5D6 frags in a dark
					grey clayey matrix; no upper ct.; lower

Logged By: DJH
5/29/25

Code	From	To	Unit	Code	Description
1	10	14	16	20	22 23 25 27
	1111	1111		1111	ct @ 22° to C.A.
161012	161012	161012	161012	161012	
161013	161013	161013	161013	161013	→ 5A* @ cts; no att of upper ct; lower ct @ 36° to C.A.
161013	161013	161013	161013	161013	
161015	161015	161015	161015	161015	360°
161017	161017	161017	161017	161017	70:30 interbanded 5B6:5D3; v minor foliaform po.
161109	161109	161109	161109	161109	minor mottled variety
161202	161202	161202	161202	161202	→ 5B73; weakly calc.
161209	161209	161209	161209	161209	
161216	161216	161216	161216	161216	→ 5B76; 367°; < 1% tuff bands (5B3); upper ct gradational over 3m.
171013	171013	171013	171013	171013	3B3?
171014	171014	171014	171014	171014	
171015	171015	171015	171015	171015	
171016	171016	171016	171016	171016	
171017	171017	171017	171017	171017	
171018	171018	171018	171018	171018	
171019	171019	171019	171019	171019	
171020	171020	171020	171020	171020	
171021	171021	171021	171021	171021	
171022	171022	171022	171022	171022	
171023	171023	171023	171023	171023	
171024	171024	171024	171024	171024	
171025	171025	171025	171025	171025	
171026	171026	171026	171026	171026	
171027	171027	171027	171027	171027	
171028	171028	171028	171028	171028	
171029	171029	171029	171029	171029	
171030	171030	171030	171030	171030	
171031	171031	171031	171031	171031	
171032	171032	171032	171032	171032	
171033	171033	171033	171033	171033	
171034	171034	171034	171034	171034	
171035	171035	171035	171035	171035	
171036	171036	171036	171036	171036	
171037	171037	171037	171037	171037	
171038	171038	171038	171038	171038	
171039	171039	171039	171039	171039	
171040	171040	171040	171040	171040	
171041	171041	171041	171041	171041	
171042	171042	171042	171042	171042	
171043	171043	171043	171043	171043	
171044	171044	171044	171044	171044	
171045	171045	171045	171045	171045	
171046	171046	171046	171046	171046	
171047	171047	171047	171047	171047	
171048	171048	171048	171048	171048	
171049	171049	171049	171049	171049	
171050	171050	171050	171050	171050	
171051	171051	171051	171051	171051	
171052	171052	171052	171052	171052	
171053	171053	171053	171053	171053	
171054	171054	171054	171054	171054	
171055	171055	171055	171055	171055	
171056	171056	171056	171056	171056	
171057	171057	171057	171057	171057	
171058	171058	171058	171058	171058	
171059	171059	171059	171059	171059	
171060	171060	171060	171060	171060	
171061	171061	171061	171061	171061	
171062	171062	171062	171062	171062	
171063	171063	171063	171063	171063	
171064	171064	171064	171064	171064	
171065	171065	171065	171065	171065	
171066	171066	171066	171066	171066	
171067	171067	171067	171067	171067	
171068	171068	171068	171068	171068	
171069	171069	171069	171069	171069	
171070	171070	171070	171070	171070	
171071	171071	171071	171071	171071	
171072	171072	171072	171072	171072	
171073	171073	171073	171073	171073	
171074	171074	171074	171074	171074	
171075	171075	171075	171075	171075	
171076	171076	171076	171076	171076	
171077	171077	171077	171077	171077	
171078	171078	171078	171078	171078	
171079	171079	171079	171079	171079	
171080	171080	171080	171080	171080	
171081	171081	171081	171081	171081	
171082	171082	171082	171082	171082	
171083	171083	171083	171083	171083	
171084	171084	171084	171084	171084	
171085	171085	171085	171085	171085	
171086	171086	171086	171086	171086	
171087	171087	171087	171087	171087	
171088	171088	171088	171088	171088	
171089	171089	171089	171089	171089	
171090	171090	171090	171090	171090	
171091	171091	171091	171091	171091	
171092	171092	171092	171092	171092	
171093	171093	171093	171093	171093	
171094	171094	171094	171094	171094	
171095	171095	171095	171095	171095	
171096	171096	171096	171096	171096	
171097	171097	171097	171097	171097	
171098	171098	171098	171098	171098	
171099	171099	171099	171099	171099	
171100	171100	171100	171100	171100	

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2 8Cyprus Anvil Mining Corp.
Structural LogPage 8 of 11Logged By: DTH
July 25

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Structure Log

July 25

From		To	Feature	S ₁ Dip Direct.	S ₂ Dip Direct.	Description					
1	10	14	16	20	22	24	26	28	32	34	38
S				12152	CIS12				616	11815	
S				13120	CIS12				616	11815	
S				13184	CIS12				712	11815	
S				14145	CIS12				617	11815	
S				15106	CIS12				617	11815	
S				15167	CIS12				713	11815	
S				16126	CIS12				618	11815	
S				16188	CIS12				614	11815	
S				17149	CIS12				713	11815	
S				18109	CIS12				712	11815	
S				18154	CIS12				618	11815	
S				19166	CIS12				515	11815	
S				11011	S CIS12				412	11815	
S				11018	0 CIS12				418	11815	
S				11115	2 CIS12				610	11815	
S				11119	0 CIS12				613	11815	
S				11216	5 CIS12				712	11815	
S				11312	9 CIS12				712	11815	
S				11412	0 CIS12				710	11815	
S				11418	1 CIS12				614	11815	
S				11514	2 CIS12				810	11815	
S				11610	3 CIS12				719	11815	
S				11616	4 CIS12				714	11815	
S				11712	2 CIS12				614	11815	
S				11718	5 CIS12				714	11815	
S				11814	7 CIS12				712	11815	
S				11910	8 CIS12				713	11815	
S				11916	9 CIS12				910	11815	
S				12013	0 CIS12				815	11815	
S				12019	1 CIS12				815	11815	
S				12115	1 CIS12				618	11815	
S				12121	3 CIS12				710	11815	
S				12126	8 CIS12				813	11815	
S				12132	9 CIS12				813	11815	
S				12138	9 CIS12				713	11815	
S				12141	1 CIS12				810	11815	

Structural Log

Logged By: DJH
July 25/78

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	1	1	1	1250	2	CIS12		1	1	810	11815	
S	1	1	1	1256	6	CIS12		1	1	610	11815	
S	1	1	1	1263	1	CIS12		1	1	617	11815	
S	1	1	1	1269	8	CIS12		1	1	712	11815	
S	1	1	1	1276	0	CIS12		1	1	715	11815	
S	1	1	1	1282	0	CIS12		1	1	519	11815	
S	1	1	1	1288	5	CIS12		1	1	715	11815	
S	1	1	1	1294	2	CIS12		1	1	716	11815	
S	1	1	1	1300	5	CIS12		1	1	815	11815	
S	1	1	1	1306	4	CIS12		1	1	719	11815	
S	1	1	1	1311	5	CIS12		1	1	718	11815	
S	1	1	1	1317	7	CIS12		1	1	619	11815	
S	1	1	1	1324	9	CIS12		1	1	615	11815	
S	1	1	1	1331	0	CIS12		1	1	815	11815	
S	1	1	1	1337	5	CIS12		1	1	715	11815	
S	1	1	1	1342	0	CIS12		1	1	813	11815	
S	1	1	1	1348	0	CIS12		1	1	718	11815	
S	1	1	1	1354	5	CIS12		1	1	717	11815	
S	1	1	1	1360	6	CIS12		1	1	812	11815	
S	1	1	1	1366	3	CIS12		1	1	810	11815	
S	1	1	1	1372	8	CIS12		1	1	716	11815	
S	1	1	1	1379	8	CIS12		1	1	717	11815	
S	1	1	1	1385	7	CISR		1	1	716	11815	
S	1	1	1	1392	0	CIS12		1	1	713	11815	
S	1	1	1	1398	0	CIS12		1	1	615	11815	
S	1	1	1	1404	1	CIS12		1	1	715	11815	
S	1	1	1	1410	5	CIS12		1	1	617	11815	
S	1	1	1	1416	3	CIS12		1	1	613	11815	
S	1	1	1	1422	4	CIS12		1	1	714	11815	
S	1	1	1	1427	9	CIS12		1	1	713	11815	
S	1	1	1	1434	6	CIS12		1	1	714	11815	
S	1	1	1	1440	7	CIS12		1	1	711	11815	
S	1	1	1	1446	7	CIS12		1	1	719	11815	
S	1	1	1	1452	9	CIS12		1	1	718	11815	
S	1	1	1	1458	9	CIS12		1	1	719	11815	
S	1	1	1	1465	1	CIS12		1	1	714	11815	

DDH 28X-10 Cyprus Anvil Mining Corp.
₂ ₈
 Structural Log

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Logged By: DJH
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Code	From	To	Feature	E N	S ₁ Dip Direct.	S ₂ Dip Direct.	Description
1	10	14 16	20 22 24	26 28	32 34	38	
S	1 1 1	14171	2 C1S12	1	1 1	215 11815	
S	1 1 1	14172	3 C1S12	1	1 1	810 11815	
S	1 1 1	141813	4 C1S12	1	1 1	718 11815	
S	1 1 1	141819	2 C1S12	1	1 1	715 11815	
S	1 1 1	141915	4 C1S12	1	1 1	719 11815	
S	1 1 1	15101	5 C1S12	1	1 1	751 11815	
S	1 1 1	15107	6 C1S12	1	1 1	713 11815	
S	1 1 1	151129	C1S12	1	1 1	810 11815	
S	1 1 1	151119	0 C1S12	1	1 1	712 11815	
S	1 1 1	151260	C1S12	1	1 1	811 11815	
S	1 1 1	151312	2 C1S12	1	1 1	714 11815	
S	1 1 1	151318	3 C1S12	1	1 1	718 11815	
S	1 1 1	151414	2 C1S12	1	1 1	711 11815	
	1 1 1	1 1 1	1 1	1	1 1	1 1	Bxia & Gouge 547.1 - 559.3m
S	1 1 1	151519	5 C1S12	1	1 1	810 11815	
S	1 1 1	151614	8 C1S12	1	1 1	812 11815	
	1 1 1	1 1 1	1 1	1	1 1	1 1	Bxia 570.2 - 576.7m
S	1 1 1	151716	9 C1S12	1	1 1	419 11815	
S	1 1 1	151812	1 C1S12	1	1 1	615 11815	
S	1 1 1	151812	0 C1S12	1	1 1	712 11815	
S	1 1 1	151912	2 C1S12	1	1 1	715 11815	
S	1 1 1	151918	0 C1S12	1	1 1	617 11815	
S	1 1 1	161014	1 C1S12	1	1 1	810 11815	
S	1 1 1	161112	2 C1S12	1	1 1	716 11815	
S	1 1 1	161116	0 C1S12	1	1 1	718 11815	
S	1 1 1	161212	1 C1S12	1	1 1	811 11815	
S	1 1 1	161218	5 C1S12	1	1 1	713 11815	
S	1 1 1	161315	6 C1S12	1	1 1	717 11815	
S	1 1 1	161411	0 C1S12	1	1 1	712 11815	
S	1 1 1	161417	2 C1S12	1	1 1	713 11815	
S	1 1 1	161514	1 C1S12	1	1 1	717 11815	
S	1 1 1	161610	2 C1S12	1	1 1	713 11815	
S	1 1 1	161616	3 C1S12	1	1 1	614 11815	
S	1 1 1	161712	4 C1S12	1	1 1	612 11815	
S	1 1 1	161718	5 C1S12	1	1 1	712 11815	
S	1 1 1	161812	5 C1S12	1	1 1	812 11815	

Logged By: DJH

July 27/78

[illegible]

CYPRUS ANVIL MINING CORPORATIONDIAMOND DRILL CORE LOGHole Number: 78-X-10

Fabric Orientation Diagram:

Project: DyLocation: Vangorda PlateauClaim: DY 45Terr. Plane
Co-ords.: _____ N

E

Grid
Co-ords.: L 15+00 E

All symmetry determinations looking

25+50 NNW with 52 dipping

Elevation: _____

SW with dip azimuth 185.Total Depth: 705.0 mPurpose: Define Dy Sulfide Horizon.Logged by: DJH Date(s) Logged: July 78Drilling
Contractor: ARCTIC D.D. Core: Size From To Collar Cased
and Capped: NoNQ 0 705.0_____

_____Started: July 10/78 Completed: July 27/78

DDH 38-X-10
2 8Cyprus Anvil Mining Corp.
Lithologic LogPage 4 of 11Logged By: DTH
July 24

Code	From	To	Unit	Code	Description
1	10	14 16	20	22 23 25 27	
L	11120	11137	11	1#	o/B
L	11137	11250	12	1#	triconed - no core
L	11250	11258	13	5D13	
L	11258	114131	14	5B10	fault @ 41.8 m - 18° to c.a.
L	114131	11446	15	5D13	
L	11446	11468	16	5C13	well foliated, light grey green metabasite;
					probable metavolc w/ marginal metatuffs;
					pinkish kaolinite? speck.
L	11468	11472	17	5D13	
L	11472	11484	18	5B12	→ 5B23
L	11484	11487	19	5D13	
L	11487	11498	10	5C13	as unit 6.
L	11498	11507	11	5D13	
L	11507	11726	12	5B10	
L	11726	11734	13	5D13	
L	11734	11754	14	5C13	as unit 6
L	11754	11758	15	5D13	
L	11758	11776	16	5C13	as unit 6.
L	11776	11821	17	5D13	
L	11821	11827	18	5B16	gouge & bxia @ both cts; int. & of 11° to
L	11827	11869	19	5C16	generally well foliated; light → med
					grey green metabasite w/ minor
					dark green → black metabasite containing
					good relict pyroxene phenos. (to 1 cm
					long)
L	11869	11956	20	5C16	dark blackish green, weakly foliated
					metabasite (ultramafic?); weak relict
					porphyritic igneous text.
L	11956	111046	21	5C16	similar to unit 19; no relict igneous
					texture
L	111046	111137	22	5C16	as unit 20
L	111137	111150	23	5C13	as unit 21
L	111150	111155	24	5D16	
L	111155	112108	25	5B17	→ 5B73 (Fe Mg CO ₃ ⁼)
L	112108	112118	26	5D13	(Fe, Mg CO ₃ ⁼)
L	112118	112178	27	5B10	10% Fe, Mg CO ₃ ⁼ bearing
L	112178	11282	28	5D13	

DDH $\frac{8-1.0}{2}$

Cyprus Anvil Mining Corp.

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Lithologic Log

Logged By: DTHJuly 24

Code	From	To	Unit	Code	Description
1	10	14	16	20	22 23 25 27
L	112182	112197	219	51B17	→ 5B73 (Fe, Mg CO ₃ ⁼)
L	112197	113138	310	51D13	Fe, Mg CO ₃ ⁼ bearing w/ minor CaCO ₃
L	113138	113184	311	51B17	→ 5B73 (Fe, Mg CO ₃ ⁼)
L	113184	114114	312	51B16	fault zone w/ bxia & gouge; lower ct @
	111	111	1	11	38/185; no upper ct attitude obtainable
L	114114	116144	313	51B12	weakly calc.
L	116144	118146	314	51B17	→ 5B73
L	118146	121310	315	51B10	
L	121310	121317	316	51B17	→ 5B73
L	121317	121520	317	51B10	
L	121520	121822	318	51B10	w/ 10% interbanded 5D3
L	121822	131080	319	51B17	→ 5B73; w/ 10% interbanded 5D3
L	131080	132111	410	51B17	→ 5B73
L	132111	132186	411	51B10	50:50 interbanded 5B73: 5D3
L	132186	133288	412	51B10	
L	133288	133350	413	51D16	bxia & gouge mainly; minor 5B6 (15-20%)
	111	111	1	11	interbanded; upper ct @ 30° to c.A;
	111	111	1	11	no lower ct obtainable.
L	133350	133375	414	51B17	→ 5B76; fault zone? w/ broken core,
	111	111	1	11	gouge & irregularly steep 52
L	133375	133398	415	51B17	→ 5B76
L	133398	135511	416	51B17	→ 5B73
L	135511	135604	417	51D13	
L	135604	136195	418	51B10	
L	136195	137194	419	51D13	
L	137194	139100	510	51B17	→ 5B73
L	139100	140134	511	51D13	
L	140134	140184	512	51B17	→ 5B73
L	140184	142144	513	51D13	w/ 20% interbanded 5B73
L	142144	142172	514	51B17	→ 5B73
L	4272	4337	55	5B2	weakly calc.
L	141313	141319	516	51B17	→ 5B73
L	141319	141487	517	51D13	w/ 10% 5B73 interbanded
L	141487	141610	518	51B17	→ 5B73; w/ 10% 5D3 interbanded.
L	141610	141658	519	51D13	
L	141658	141813	4610	51B10	
L	141813	141834	5611	51D13	

Code	From	To	Unit	Code	Description
1	10	14	16	20	22 23 25 27
L	141815	5	141913	4	612 51B17 → 5B73
L	141913	4	151017	0	613 51B10
L	151017	0	151017	3	614 51D13
L	151017	3	151212	0	615 51B10 fault @ 509.7m - 20° to C.A. in direction
	111		111		111 185°; fault @ 509.1m - 15/185°
L	151212	0	151212	7	616 51B10 fault gouge & bxia; appears to be
	111		111		111 subll S2
L	151212	7	151316	9	617 51B10
L	151316	9	151317	4	618 51G10 50:50 interbanded 5G0:5D3
L	151317	4	151410	8	619 51B10 <10% interbanded 5D3
L	151410	8	151414	7	710 51B17 → 5B73; w/10% interbanded 5D3; incip
	111		111		111 bxiat'n
L	151414	7	151417	1	711 51B16 incip bxiat'n
L	151417	1	151419	2	712 51A10 bxia & gouge; minor pyritic frags.
L	151419	2	151510	8	713 51D16 minor bxia
L	151510	8	151519	3	714 51A10 fault zone? - bxia, gouge & abnormally
	111		111		111 steep S2 (bxia frags?)
L	151519	3	151519	6	715 41C17
L	151519	6	151614	8	716 51D18 50:50 interbanded 5D6:5B76
L	151614	8	151710	2	717 51D16 minor mariposite?
L	151710	2	151716	7	718 51B17 → 5B76; generally bxiat'd; <10%
	111		111		111 interbanded 5D6
L	151716	7	151718	1	719 51D10 variably calc.
L	151718	1	151811	1	810 51B17 → 5B76; w/10% interbanded 5D6
L	151811	1	151813	2	811 51D13 w/<10% 5B6 interbanded
L	151813	2	151816	2	812 51B17 → 5B76; fault zone over last 0.5 m. of
	111		111		111 interval @ 22°/185°
L	151816	2	151911	4	813 51D16
L	151911	4	151913	0	814 51B17 → 5B76
L	151913	0	151916	2	815 51D16 w/<10% interbanded 5D3; generally
	111		111		111 bxiat'd w/ gouge zones 593.0-593.3m
	111		111		111 and 593.8-594.2 (20° to C.A. @ 593.8m)
	111		111		111 (25° to C.A. @ 593.3 m)
L	151916	2	151919	5	816 51D16
L	151919	5	161011	2	817 51D16 ? strongly bxiat'd w/ 5D6 frags in a dark
	111		111		111 grey clayey matrix; no upper ct.; lower

[illegible]

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2 8Cyprus Anvil Mining Corp.
Structural LogPage 8 of 11Logged By: DTH
July 25

Code	From				To				Feature	E N	S ₁ Dip Direct.		S ₂ Dip Direct.		Description
	1	10	14	16	20	22	24	26			28	32	34	38	
S	1	1	1	1	125	2	CIS12	1	1	1	1	1	616	1815	
S	1	1	1	1	131	20	CIS12	1	1	1	1	1	616	1815	
S	1	1	1	1	131	84	CIS12	1	1	1	1	1	712	1815	
S	1	1	1	1	141	45	CIS12	1	1	1	1	1	617	1815	
S	1	1	1	1	151	06	CIS12	1	1	1	1	1	617	1815	
S	1	1	1	1	151	67	CIS12	1	1	1	1	1	713	1815	
S	1	1	1	1	161	26	CIS12	1	1	1	1	1	618	1815	
S	1	1	1	1	161	88	CIS12	1	1	1	1	1	614	1815	
S	1	1	1	1	171	49	CIS12	1	1	1	1	1	713	1815	
S	1	1	1	1	181	09	CIS12	1	1	1	1	1	712	1815	
S	1	1	1	1	181	54	CIS12	1	1	1	1	1	618	1815	
S	1	1	1	1	191	66	CIS12	1	1	1	1	1	515	1815	
S	1	1	1	1	110	15	CIS12	1	1	1	1	1	412	1815	
S	1	1	1	1	110	80	CIS12	1	1	1	1	1	418	1815	
S	1	1	1	1	111	15	CIS12	1	1	1	1	1	610	1815	
S	1	1	1	1	111	90	CIS12	1	1	1	1	1	613	1815	
S	1	1	1	1	112	16	CIS12	1	1	1	1	1	712	1815	
S	1	1	1	1	113	29	CIS12	1	1	1	1	1	718	1815	
S	1	1	1	1	114	20	CIS12	1	1	1	1	1	710	1815	
S	1	1	1	1	114	18	CIS12	1	1	1	1	1	614	1815	
S	1	1	1	1	115	42	CIS12	1	1	1	1	1	810	1815	
S	1	1	1	1	116	10	CIS12	1	1	1	1	1	719	1815	
S	1	1	1	1	116	16	CIS12	1	1	1	1	1	714	1815	
S	1	1	1	1	117	22	CIS12	1	1	1	1	1	614	1815	
S	1	1	1	1	117	85	CIS12	1	1	1	1	1	714	1815	
S	1	1	1	1	118	47	CIS12	1	1	1	1	1	712	1815	
S	1	1	1	1	119	08	CIS12	1	1	1	1	1	713	1815	
S	1	1	1	1	119	16	CIS12	1	1	1	1	1	910	1815	
S	1	1	1	1	120	13	CIS12	1	1	1	1	1	85	1815	
S	1	1	1	1	120	19	CIS12	1	1	1	1	1	85	1815	
S	1	1	1	1	121	15	CIS12	1	1	1	1	1	618	1815	
S	1	1	1	1	122	13	CIS12	1	1	1	1	1	710	1815	
S	1	1	1	1	122	16	CIS12	1	1	1	1	1	813	1815	
S	1	1	1	1	123	29	CIS12	1	1	1	1	1	813	1815	
S	1	1	1	1	123	38	CIS12	1	1	1	1	1	713	1815	
S	1	1	1	1	124	41	CIS12	1	1	1	1	1	810	1815	

DDH 78X-10
2 8

Cyprus Anvil Mining Corp.

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Structural Log

Logged By: DJH
July 25/78

Code	From				To				Feature	E N	S ₁		S ₂		Description
	1	10	14	16	20	22	24	26			Dip	Direct.	Dip	Direct.	
S					12150	2	CIS	2					810	11815	
S					12156	6	CIS	2					610	11815	
S					12163	1	CIS	2					617	11815	
S					12169	8	CIS	2					712	11815	
S					12176	0	CIS	2					715	11815	
S					12182	0	CIS	2					519	11815	
S					12188	5	CIS	2					715	11815	
S					12194	2	CIS	2					716	11815	
S					13100	5	CIS	2					815	11815	
S					13106	4	CIS	2					719	11815	
S					13111	5	CIS	2					718	11815	
S					13117	7	CIS	2					619	11815	
S					13124	9	CIS	2					615	11815	
S					13131	0	CIS	2					815	11815	
S					13137	5	CIS	2					715	11815	
S					13142	0	CIS	2					813	11815	
S					13148	0	CIS	2					718	11815	
S					13154	5	CIS	2					717	11815	
S					13160	6	CIS	2					812	11815	
S					13166	3	CIS	2					810	11815	
S					13172	8	CIS	2					716	11815	
S					13179	8	CIS	2					717	11815	
S					13185	7	CIS	R					716	11815	
S					13192	0	CIS	2					713	11815	
S					13198	0	CIS	2					615	11815	
S					14104	1	CIS	2					715	11815	
S					14110	5	CIS	2					617	11815	
S					14116	3	CIS	2					613	11815	
S					14122	4	CIS	2					714	11815	
S					14127	9	CIS	2					713	11815	
S					14134	6	CIS	2					714	11815	
S					14140	7	CIS	2					711	11815	
S					14146	7	CIS	2					710	11815	
S					14152	9	CIS	2					718	11815	
S					14158	9	CIS	2					719	11815	
S					14165	1	CIS	2					714	11815	

DDH 28X-10
2 8

Cyprus Anvil Mining Corp.

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Structural Log

Logged By: DJH
July 25/78
26

Code	From				To				Feature	SYE	S ₁		S ₂		Description
	1	10	14	16	20	22	24	26			Dip	Direct.	Dip	Direct.	
	1	10	14	16	20	22	24	26	28	32	34	38			
S					14171	2	CIS12				715	11815			
S					14172	3	CIS12				810	11815			
S					14183	4	CIS12				718	11815			
S					14188	2	CIS12				715	11815			
S					14195	4	CIS12				719	11815			
S					15101	5	CIS12				725	11815			
S					15107	6	CIS12				713	11815			
S					15112	9	CIS12				810	11815			
S					15119	0	CIS12				712	11815			
S					15126	0	CIS12				811	11815			
S					15132	2	CIS12				714	11815			
S					15138	3	CIS12				718	11815			
S					15144	2	CIS12				711	11815			
															Bxia & Gouge 547.1 - 559.3m
S					15157	5	CIS12				810	11815			
S					15164	8	CIS12				812	11815			
															Bxia 570.2 - 576.7m
S					15176	9	CIS12				49	11815			
S					15182	1	CIS12				615	11815			
S					15187	0	CIS12				712	11815			
S					15192	2	CIS12				715	11815			
S					15198	0	CIS12				617	11815			
S					16104	1	CIS12				810	11815			
S					16110	2	CIS12				716	11815			
S					16116	0	CIS12				718	11815			
S					16121	1	CIS12				811	11815			
S					16128	5	CIS12				713	11815			
S					16134	6	CIS12				717	11815			
S					16141	0	CIS12				712	11815			
S					16147	2	CIS12				713	11815			
S					16154	1	CIS12				717	11815			
S					16160	2	CIS12				713	11815			
S					16166	3	CIS12				614	11815			
S					16172	4	CIS12				612	11815			
S					16178	5	CIS12				712	11815			
S					16184	5	CIS12				812	11815			

Description

[illegible]

CYPRUS ANVIL MINING CORPORATIONDIAMOND DRILL CORE LOGHole Number: 78-X-11

Fabric Orientation Diagram:

Project: DYLocation: Vangorda PlateauClaim: DY 43Terr. Plane
Co-ords.: _____ N

E

Grid
Co-ords.: L 18+00 E23+25 N

All symmetry determinations looking

NW with S2 dipping

Elevation: _____

SW with dip azimuth 185.Total Depth: 716.2 mPurpose: Define Dy Sulfide Horizon.Logged by: DJH Date(s) Logged: Aug. '78Drilling
Contractor: Arctic D.D. Core: Size From To Collar Cased
and Capped: NoNQ 0 471.8BQ 471.8 716.2Started: July 11/78 Completed: Aug. 6/78

DDH 78-X-11
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[illegible][illegible]

Lithologic Log

Logged By: DJH

m	From			To			Unit	Code	Description
	10	14	16	20	22	23	25	27	
1	11	12	0	11	13	7	11	1#	O/B - corcd int. boulders 3.5-3.7 m
1	11	13	7	11	17	4	12	51B12	→ 5826
1	11	17	4	11	19	0	13	51B12	→ 5823
1	11	19	0	11	35	7	14	51B12	→ 5826; minor gouge zones w/ cts $\approx$ // S2
1	11	35	7	11	41	3	15	51B16	
1	11	41	3	11	46	0	16	51B10	
1	11	46	0	11	56	8	17	51B16	
1	11	56	8	11	61	1	18	51B12	→ 5823
1	11	61	1	11	74	3	19	51B10	
1	11	74	3	11	76	5	110	51B16	Bxia zone w/ minor gouge; upper ct @ 50° to C.A.; lower ct @ 21° to C.A.
1	11	76	5	11	85	9	111	51B16	
1	11	85	9	11	84	4	112	51B10	
1	11	84	4	11	89	7	113	51B10	fault zone - gouge & broken core; upper ct @ 50° to C.A.; no lower ct at this altitude possible.
1	11	89	7	11	51	3	114	51B10	
1	11	51	3	11	51	9	115	51B10	light tan, laminarly banded "metatuff"
1	11	51	9	11	55	5	116	51B10	minor well healed bxia zones w/ steep cts
1	11	55	5	11	62	9	117	51B16	bxia zone w/ minor gouge; upper ct @ 6° to C.A.; lower ct not visible
1	11	62	9	11	65	3	118	51B16	
1	11	65	3	11	85	5	119	51B10	
1	11	85	5	11	88	8	210	51B16	
1	11	88	8	12	10	8	211	51B10	
1	12	10	8	12	20	2	212	51B12	→ 5826; 10% OQO
1	12	20	2	13	10	9	213	51B10	5D3 (259.0-259.1), (292.8-293.2), (301.5-301.6), (303.95-304.05); <5% 5B6 interbanded
1	13	10	9	13	11	0	214	51B13	10-20% 5B0 interbanded
1	13	11	0	13	31	2	215	51B10	strongly calc.
1	13	31	2	13	31	4	216	51E10	light grey, strongly phyllitic marble
1	13	31	4	13	41	2	217	51B10	broken core (337.7-34.10 m) w/ minor gouge sub // S2
1	13	41	2	13	44	1	218	51D13	laminarly banded

Logged By: DJH

[illegible]

Lithologic Log

Logged By: DTH
Aug. 2/78

side intersections

Code	From	To	Unit	Code	Description
I	10	14 16	20	22 23 25 27	
	11 12 13	15 17 18	19	21 24 26 28	
L	146107	146111	512	01010	bull gtz "sweat"
L	146111	146138	513	5D14	447? ; <5% foliaform po
L	146138	146149	514	5D13	as unit 41
✓ L	146149	146172	515	4E10	w/ 10% qtzite bands; 2-4% Pb+Zn; minor carbonate bearing sections
L	146172	146186	516	5D13	as unit 41
✓ L	146186	147194	517	4E1C	50:50 interbanded 4E8/4C0; minor carbonate bearing sections; ~5% thin Fe ₃ O ₄ lams; 1-3% Pb+Zn
L	147194	149145	518	5B17	→5B73
L	149145	149163	9	5D13	as unit 41
L	149163	150128	519	5B1D	60:40 interbanded 5B0/5D3
L	150128	151106	61	5B17	→5B73
L	151106	151345	612	5B16	
L	151345	151366	613	5B12	→5B23
L	151366	151389	614	5B16	→5B62
L	151389	151414	615	5A13	
L	151414	151502	616	5B16	→5B62
✓ L	151502	151610	617	4A10	py > sph > gal; 5-7% Pb+Zn
L	151610	151623	618	4A10	30% interbanded 5D3; 4-6% Pb+Zn
L	151623	151641	619	5D13	<5% 4A0 interbanded; weakly calc, chlorite mottled
L	151641	151657	710	5A1D	50:50 interbanded 5A19(20): 5D3(chl mottled)
L	151657	151672	711	4A10	4-6% Pb+Zn
L	151672	151687	712	5D16	chlorite mottled; minor 4A interbanded
L	151687	151697	713	4A10	minor 5D6(mottled)
L	151697	151739	714	5D16	mainly laminated (minor mottled); 20% (4A0 + 5A1) interbanded
L	151739	151748	715	4A10	→5A1; <5% total sdes (mainly py)
L	151748	151760	716	5D16	→5D61 locally; 50:50 mottled/laminated
L	151760	151813	717	5A11	→5A19; minor 4A0 interbanded.
L	151813	151875	718	4A10	7-9% Pb+Zn; →4D5 locally; 20% tot sdes
L	151875	151942	719	4A10	2-3% Pb+Zn; v weakly graphitic; →4D5 local <10% tot sdes

Code	From	To	Unit	Code	Description
1	10 14 16	20 22 23 25 27			
L	151942	151949	810	51A1	
L	151949	151958	811	51D13	laminarly banded,
L	151958	151968	812	51A1	
L	151968	151979	813	51D13	as unit 81
L	151979	161093	814	4A10	→ 5A19 locally; <1% Pb+Zn; <u>do not split</u>
L	161093	161172	815	4A10	5-7% Pb+Zn
L	161172	161183	816	4E10	→ 4E4 locally; 8-10% Pb+Zn
L	161183	161196	817	4G4	9-11% Pb+Zn (honey sph)
L	161196	161252	818	4D4	9-11% Pb+Zn; reddish & honey
					coloured sph; v minor 5D3
L	161252	161341	819	4A10	5-7% Pb+Zn; 50:50 interbanded
					4A0 : 4D0 ; ~40% tot sds
L	161341	161360	910	51A1	→ 4A0 locally
L	161360	164110	911	4A10	w/ 20% 5A1 interbanded; bxia &
					gouge 639.4-641.0m
L	164110	16445	912	51B16	minor 5B0 interbands
L	16445	16446	913	51B10	
L	16446	161542	914	51B16	minor 5B0 interbands
L	161542	161551	915	51D16	weakly mottled; → 5D61
L	161551	161698	916	51B16	minor 5B0 inter bands; → 5B62---
L	161698	161711	917	51D13	as unit 81
L	161711	161713	918	51B17	→ 5B73
L	161713	161745	919	51D13	as unit 81
L	161745	161755	010	51B17	→ 5B73
L	161755	161763	011	51D13	as unit 81
L	161763	161811	012	51B16	→ 5B67 w/ 30% 5B73 interbanded
L	161811	161843	013	51D13	as unit 81
L	161843	161873	014	51B2	→ 5B23; weakly calc
L	161873	161906	015	51D13	as unit 81
L	161906	161936	016	51B10	weakly calc; broken core w/ minor
					gouge 692.8-693.6; looks like 5A*
					@ 692.7
L	161936	17116	2017	51B17	→ 5B76; 5B762 locally; 367?
		1E10H			

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Cyprus Anvil Mining Corp.

Geochemical Log (Sampler's Copy)

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Logged By: DTH
Sampled By: SW/DTH/SK

Code	From	To	Sample No.	Description
I	10	14 16	20 22 27	rec.
P	141614 9	141617 2	1 121811 19	2.3
	1 1 1	1 1 1	1 1 1 1 1	
P	141618 6	141710 6	1 121812 10	2.0
P	141710 6	141711 8	1 121812 11	1.2
P	141711 8	141713 8	1 121812 12	1.6
P	141713 8	141715 8	1 121812 13	2.0
P	141715 8	141717 8	1 121812 14	1.9
P	141717 8	141719 4	1 121812 15	1.6
	1 1 1	1 1 1	1 1 1 1 1	
P	151510 2	151512 2	1 121812 16	2.0
P	151512 2	151514 1	1 121812 17	1.9
P	151514 1	151516 2	1 121812 18	2.1
P	151516 2	151518 3	1 121812 19	2.1
P	151518 3	151610 1	1 121813 10	1.8
P	151610 1	151611 2	1 121813 11	1.1
P	151611 2	151612 3	1 121813 12	1.1
	1 1 1	1 1 1	1 1 1 1 1	
P	151813 1	151814 1	1 121813 13	1.0
P	151814 1	151816 1	1 121813 14	1.2
P	151816 1	151817 5	1 121813 15	1.4
P	151817 5	151819 5	1 121813 16	2.0
P	151819 5	151911 5	1 121813 17	2.0
P	151911 5	151912 5	1 121813 18	1.0
P	151912 5	151914 2	1 121813 19	1.7
	1 1 1	1 1 1	1 1 1 1 1	
P	161017 3	161019 3	1 121814 10	1.8
P	161019 3	161111 3	1 121814 11	2.0
P	161111 3	161113 3	1 121814 12	2.0
P	161113 3	161115 3	1 121814 13	2.0
P	161115 3	161117 2	1 121814 14	1.9
P	161117 2	161118 3	1 121814 15	1.1
P	161118 3	161119 6	1 121814 16	1.3
P	161119 6	161211 6	1 121814 17	2.0
P	161211 6	161213 6	1 121814 18	2.0
P	161213 6	161215 2	1 121814 19	1.6
P	161215 2	161217 2	1 121815 0	2.0

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Logged By: DJH

Code	From	To	Feature	S ₁ Dip Direct.	S ₂ Dip Direct.	Description						
1	10	14	16	20	22	24	26	28	32	34	38	
S	1	1	1	1	154	CIS12	1	1	1	718	1815	
S	1	1	1	1	157	CIS12	1	1	1	515	1815	
S	1	1	1	1	1210	0 CIS12	1	1	1	616	1815	
S	1	1	1	1	1215	9 CIS12	1	1	1	517	1815	
S	1	1	1	1	1330	0 CIS12	1	1	1	710	1815	
S	1	1	1	1	1318	5 CIS12	1	1	1	615	1815	
S	1	1	1	1	1430	0 CIS12	1	1	1	610	1815	
S	1	1	1	1	1419	1 CIS12	1	1	1	617	1815	
S	1	1	1	1	1516	2 CIS12	1	1	1	718	1815	
S	1	1	1	1	161	3 CIS12	1	1	1	812	1815	
S	1	1	1	1	1616	4 CIS12	1	1	1	716	1815	
S	1	1	1	1	1712	6 CIS12	1	1	1	710	1815	
S	1	1	1	1	1717	1 CIS12	1	1	1	615	1815	
S	1	1	1	1	1813	5 CIS12	1	1	1	715	1815	
S	1	1	1	1	1910	8 CIS12	1	1	1	712	1815	
S	1	1	1	1	1916	9 CIS12	1	1	1	714	1815	
S	1	1	1	1	11013	0 CIS12	1	1	1	714	1815	
S	1	1	1	1	11019	1 CIS12	1	1	1	715	1815	
S	1	1	1	1	1115	2 CIS12	1	1	1	710	1815	
S	1	1	1	1	1121	3 CIS12	1	1	1	711	1815	
S	1	1	1	1	11217	4 CIS12	1	1	1	719	1815	
S	1	1	1	1	11313	5 CIS12	1	1	1	719	1815	
S	1	1	1	1	11319	6 CIS12	1	1	1	719	1815	
S	1	1	1	1	11415	6 CIS12	1	1	1	819	1815	
S	1	1	1	1	11512	8 CIS12	1	1	1	810	1815	
	1	1	1	1			1	1	1			Bxia zone 155.5-162.9 m
S	1	1	1	1	11614	0 CIS12	1	1	1	711	1815	
S	1	1	1	1	11710	1 CIS12	1	1	1	612	1815	
S	1	1	1	1	11716	2 CIS12	1	1	1	812	1815	
S	1	1	1	1	11812	3 CIS12	1	1	1	719	1815	
S	1	1	1	1	11818	4 CIS12	1	1	1	810	1815	
S	1	1	1	1	11914	5 CIS12	1	1	1	813	1815	
S	1	1	1	1	12010	1 CIS12	1	1	1	810	1815	
S	1	1	1	1	1206	5 CIS12	1	1	1	715	1815	
S	1	1	1	1	12112	7 CIS12	1	1	1	817	1815	
S	1	1	1	1	12118	7 CIS12	1	1	1	710	1815	

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2 8Cyprus Anvil Mining Corp.
Structural LogPage 11 of 13Logged By: DJH

Code	From			To			Feature	S ₁ Dip Direct.	S ₂ Dip Direct.			Description	
	1	10	14	16	20	22			24	26	28		32
S					121249	CIS12					86	185	
S					121310	CIS12					69	185	
S					121371	CIS12					83	185	
S					121413	CIS12					79	185	
S					121493	CIS12					75	185	
S					121554	CIS12					89	185	
S					121615	CIS12					82	185	
S					121676	CIS12					85	185	
S					121736	CIS12					85	185	
S					121796	CIS12					75	185	
S					121859	CIS12					89	185	
S					121920	CIS12					85	185	
S					121981	CIS12					81	185	
S					130142	CIS12					83	185	
S					131103	CIS12					82	185	
S					131164	CIS12					77	185	
S					131225	CIS12					79	185	
S					131286	CIS12					78	185	
S					131347	CIS12					82	185	
S					131398	CIS12					86	185	
S					131458	CIS12					89	185	
S					131523	CIS12					84	185	
S					131587	CIS12					72	185	
S					131653	CIS12					81	185	
S					131712	CIS12					85	185	
S					131718	CMT					410	0915	- DiKe contact.
S					131976	CMT					218	1815	- DiKe contact
S					141005	CIS12					74	1815	
S					141049	CIS12					77	1815	
S					141117	CIS12					78	1815	
S					141166	CIS12					87	1815	
S					141227	CIS12					85	1815	
S					141284	CIS12					75	1815	
S					141344	CIS12					80	1815	
S					141410	CIS12					66	1815	
S					141459	CIS12					65	1815	

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Code	From	To	Feature	S ₁ Dip Direct.	S ₂ Dip Direct.	Description
1	10	14 16	20 22 24 26	28 32	34 38	
S	1 1 1	145120	C/S12	1 1 1	85 / 185	
S	1 1 1	145196	C/S12	1 1 1	85 / 185	
S	1 1 1	146156	P/S12	1 1 1	60 / 185	- Sdc. comp layering (no micaceous foliation)
S	1 1 1	147118	P/S12	1 1 1	66 / 185	" " " "
S	1 1 1	147178	P/S12	1 1 1	65 / 185	" " " "
S	1 1 1	14841	C/S12	1 1 1	55 / 185	
S	1 1 1	149101	C/S12	1 1 1	75 / 185	
S	1 1 1	149162	C/S12	1 1 1	80 / 185	
S	1 1 1	150122	C/S12	1 1 1	78 / 185	
S	1 1 1	150184	C/S12	1 1 1	74 / 185	
S	1 1 1	151143	C/S12	1 1 1	70 / 185	
S	1 1 1	152105	C/S12	1 1 1	72 / 185	
S	1 1 1	152167	C/S12	1 1 1	73 / 185	
S	1 1 1	153128	C/S12	1 1 1	70 / 185	
S	1 1 1	153189	C/S12	1 1 1	72 / 185	
S	1 1 1	154143	C/S12	1 1 1	69 / 185	
S	1 1 1	155106	C/S12	1 1 1	61 / 185	
S	1 1 1	155165	C/S12	1 1 1	75 / 185	
S	1 1 1	156125	C/S12	1 1 1	618 / 185	
S	1 1 1	156187	E/S12	1 1 1	810 / 185	
S	1 1 1	157147	C/S12	1 1 1	618 / 185	
S	1 1 1	158109	C/S12	1 1 1	614 / 185	
S	1 1 1	158168	C/S12	1 1 1	715 / 185	
S	1 1 1	159122	C/S12	1 1 1	616 / 185	
S	1 1 1	159185	C/S12	1 1 1	618 / 185	
S	1 1 1	161014	C/S12	1 1 1	712 / 185	
S	1 1 1	161102	C/S12	1 1 1	616 / 185	
S	1 1 1	161160	C/S12	1 1 1	517 / 185	
S	1 1 1	162119	C/S12	1 1 1	515 / 185	
S	1 1 1	162180	C/S12	1 1 1	815 / 185	S, steep
S	1 1 1	163141	C/S12	1 1 1	611 / 185	
S	1 1 1	164115	C/S12	1 1 1	612 / 185	
S	1 1 1	164161	C/S12	1 1 1	814 / 185	
S	1 1 1	165123	C/S12	1 1 1	814 / 185	
S	1 1 1	165182	C/S12	1 1 1	615 / 185	
S	1 1 1	166135	C/S12	1 1 1	719 / 185	