

MAP NO. ASSESSMENT REPORT X *1.5 N 134644* DOCUMENT NO.: 091759
 PROSPECTUS MINING DISTRICT: WHITEHORSE
 CONFIDENTIAL X TYPE OF WORK: DIAMOND DRILLING
 105 K 3, 6 OPEN FILE

REPORT FILED UNDER: Cyprus Anvil Mining Corporation

DATE PERFORMED: March / April, 1978 DATE FILED: June 2, 1978

LOCATION: LAT.: 62°15'N AREA: Vangorda Plateau

LONG.: 133°04'W VALUE \$:

CLAIM NAME & NO.: DY 43 85924

WORK DONE BY: D.J. Hansen

WORK DONE FOR: Cyprus Anvil Mining Corporation

DATE TO GOOD STANDING | REMARKS: #90 DY

| |

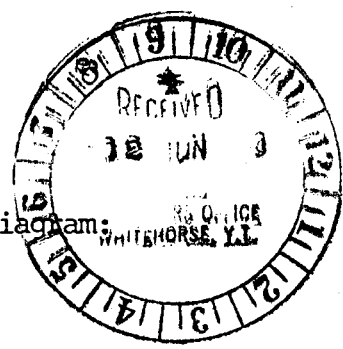
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091759

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG



Hole Number: 78-X-01

Fabric Orientation Diagram: _____

Project: DY

Location: Vangorda Plateau

Claim: DY 43

Terr. Plane Co-ords.: _____ N

_____ E

Grid Co-ords.: 24+00N /15+00E 1978 DY metric grid

Inclination: Vertical All symmetry determinations looking _____ with _____ dipping

Elevation: 1,130 m _____ with dip azimuth _____.

Total Depth: 850.1 m (2789 FT)

Purpose: Define DY sulphide horizon.

Logged by: D. J. Hansen Date(s) Logged: _____

Drilling Contractor:	Core:	Size	From	To	Collar Cased and Capped:
<u>Arctic Diamond Drilling</u>		<u>NQ</u>	<u>0</u>	<u>2789'</u>	_____
_____		_____	_____	_____	_____
_____		_____	_____	_____	_____

Started: March 24, 1978 Completed: April 30th, 1978.

SUMMARY LOG

DDH 78-X-01

<u>Metres</u>			
0.0 - 1.8			Overburden.
1.8 - 53.0	5B		Calcareous muscovite chlorite ⁺ biotite phyllite.
53.0 - 54.8	11Q		Bull quartz vein, pod.
54.8 - 218.1	5B		Calcareous muscovite chlorite ⁺ biotite phyllite.
218.1 - 229.3	11C		Quartz monzonite pegmatite dikes.
229.3 - 282.3	5B		Calcareous muscovite chlorite ⁺ biotite phyllite.
282.3 - 283.6	5D		Laminarly banded, variably calcareous, chloritic phyllite.
283.6 - 350.5	5B		Calcareous muscovite chlorite ⁺ biotite phyllite.
350.5 - 469.2	5B+5D		Calcareous muscovite chlorite ⁺ biotite phyllite and laminarly banded, variably calcareous, chloritic phyllite.
469.2 - 471.0	5A		Variably calcareous, graphitic phyllite.
471.0 - 475.1	5D		Laminarly banded, variably calcareous, chloritic phyllite.
475.1 - 476.7	4		Sulphides.
476.7 - 480.4	5B+5D		Calcareous muscovite chlorite ⁺ biotite phyllite and laminarly banded, variably calcareous, chloritic phyllite.
480.4 - 487.7	4		Sulphides.
487.7 - 499.7	5B		Calcareous muscovite chlorite ⁺ biotite phyllite.
499.7 - 545.8	5D		Laminarly banded, variably calcareous, chloritic phyllite.
545.8 - 560.9	5B		Calcareous muscovite chlorite ⁺ biotite phyllite.
560.9 - 608.8	5D		Laminarly banded, variably calcareous, chloritic phyllite.
608.8 - 616.4	5B		Calcareous muscovite chlorite ⁺ biotite phyllite.
616.4 - 620.0	4		Sulphides.

<u>Metres</u>			
620.0 - 622.1	5D		Laminarly banded, variably calcareous, chloritic phyllite.
622.1 - 627.8	5D+4		Interbanded, variably calcareous, chloritic phyllites, and sulphides.
627.8 - 629.7	5A		Variably calcareous, graphitic phyllite.
629.7 - 642.5	4		Sulphides.
642.5 - 645.8	5A		Variably calcareous, graphitic phyllite.
645.8 - 649.5	4		Sulphides.
649.5 - 691.0	5B+5D		Calcareous muscovite chlorite [±] biotite phyllite and laminarly banded, variably calcareous, chloritic phyllite.
691.0 - 708.2	5A		Variably calcareous, graphitic phyllite.
708.2 - 757.8	3G		Non-calcareous, muscovite-chlorite [±] biotite phyllite/schist, undifferentiated.
757.8 - 760.2	4		Sulphides.
760.2 - 778.5	3G		Non-calcareous, muscovite-chlorite [±] biotite phyllite/schist, undifferentiated.
778.5 - 797.0	4		Sulphides.
797.0 - 807.9	3D		Calc-silicate phyllite/schist.
807.9 - 811.0	4		Sulphides.
811.0 - 850.1	3D+3G		Calc-silicate phyllite/schist and non-calcareous, muscovite-chlorite [±] biotite phyllite/schist, undifferentiated.

END OF HOLE

GEOCHEMICAL LOG

Kamloops Research & Assay Lab.

<u>From</u>	<u>To</u>	<u>Int.</u>	<u>Sample No.</u>	<u>Ag GMS/MT</u>	<u>Pb %</u>	<u>Zn %</u>	<u>Pb+Zn %</u>	<u>S.G.</u>	<u>Cu %</u>	<u>BaSo₄ %</u>	<u>Au GMS/MT</u>	<u>Fe (Sol)%</u>	<u>Fe (Insol)%</u>	<u>Hg %</u>
475.1	476.7	1.6	2589	18.6	0.84	0.28			0.27					
480.4	482.4	2.0	2590	35.3	2.13	2.29			0.29					
482.4	484.4	2.0	2591	27.2	1.87	2.40			0.15					
484.4	485.4	1.0	2592	28.9	2.04	1.99			0.18					
485.4	486.4	1.0	2593	7.1	0.37	0.40			0.09					
486.4	487.7	1.3	2594	19.6	0.73	0.48			0.13					
616.4	618.4	2.0	2721	74.1	3.74	7.24	10.98		0.05					
618.4	620.0	1.6	2722	37.9	2.05	3.89	5.94		0.03					
620.0	622.1	2.1	2723	5.7	0.26	0.38			0.01					
622.1	623.5	1.4	2724	10.3	0.47	1.00			0.02					
623.5	625.5	2.0	2725	27.8	1.26	2.00			0.05					
625.5	626.6	1.1	2726	26.5	1.22	1.74			0.04					
629.7	631.7	2.0	2727	17.1	0.75	1.94			0.06					
631.7	633.7	2.0	2728	36.4	2.24	2.69			0.03					
633.7	635.7	2.0	2729	54.2	3.83	6.66	10.49		0.04					
635.7	637.7	2.0	2730	42.3	2.65	6.28	8.93		0.03					
637.7	639.7	2.0	2731	54.5	2.78	5.83	8.61		0.05					
639.7	640.7	2.0	2732	14.2	0.92	2.17			0.04					
640.7	642.5	1.8	2733	61.8	3.52	4.47	7.99		0.04					
642.5	645.5	2.0	2734	5.9	0.54	1.26			0.01					
645.8	647.8	2.0	2735	63.6	3.87	7.34	11.21		0.13					
647.8	649.5	1.7	2736	53.1	3.65	5.90	9.55		0.02					



Government
of Canada

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du Canada

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DÉSIRE VOUS VOIR

DATE

TIME - HEURE

WILL CALL AGAIN
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CALL RECEIVED BY
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APPROBATION

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NOTER ET RETOURNER

COMMENTS
COMMENTAIRES

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PROJET DE RÉPONSE

NOTE & FORWARD
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FAIRE _____ COPIES

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Note:

This title sheet is
misleading. FIRST 633 meters
only were logged in Nov/Dec 77.

Balance of drilling & logging was
in March & April 1978. (See
invoices & applications)

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG



Hole Number: 77-X-11 (DY 144 -Y4359)

Fabric Orientation Diagram:

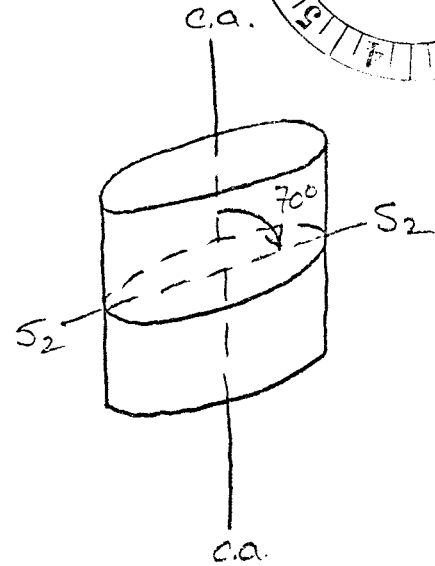
Project: Dy.

Location: Orthophoto F-6

Claim: DY 144

Terr. Plane Co-ords.: Not Surveyed N
10, Jan, '78 E

Grid Co-ords.: KA L148/12N



All symmetry determinations looking

NW with S2 dipping

Elevation: ± 3500' (ortho) = 1068 m SW with dip azimuth 185.

Total Depth: 633.1 m (incomplete)

Purpose: DY Extension

Logged by: DJH Date(s) Logged: Nov. - Dec. 1977

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

NQ 0 454.4m

BQ 454.4 633.1m

March 21st, 1978

Started: Nov. 1/77 Completed: incomplete

SUMMARY LOG

DY 77-X-11

<u>Metres</u>			
0.0 -	5.2	0/B	
5.2 -	8.1	5D3	Calcareous laminated metatuff.
8.1 -	26.5	5B	Calcareous phyllite.
26.5 -	27.0	5C6	Non-calcareous metabasite.
27.0 -	150.0	5B	Calcareous phyllite.
150.0 -	152.9	5G	Variably calcareous graphitic phyllite.
152.9 -	156.6	5B	Calcareous phyllite.
156.6 -	163.1	5G	Variably calcareous graphitic phyllite.
163.1 -	168.3	5B	Calcareous phyllite.
168.3 -	169.3	5D	Metatuff.
169.3 -	186.6	5B	Calcareous phyllite.
186.6 -	200.8	5D	Metatuff.
200.8 -	202.2	5B	Calcareous phyllite.
202.2 -	205.1	5D	Metatuff.
205.1 -	205.7	5B	Calcareous phyllite.
205.7 -	206.7	5D	Metatuff.
206.7 -	207.5	5B	Calcareous phyllite.
207.5 -	209.4	5B/D	Interbedded calcareous phyllite and minor metatuff horizons.
209.4 -	210.2	5B	Calcareous phyllite.
210.2 -	211.9	5D	Metatuff.
211.9 -	215.5	5B	Calcareous phyllite.
215.5 -	223.6	5D	Metatuff.
223.6 -	228.9	5C	Metabasite.
228.9 -	232.0	5D	Metatuff.
232.0 -	242.5	5B	Calcareous phyllite.
242.5 -	243.1	5D	Metatuff.
243.1 -	245.0	5C	Metabasite.
245.0 -	246.0	5D	Metatuff.
246.0 -	300.8	5B	Calcareous phyllite.
300.8 -	549.7	5B (5D)	Calcareous phyllite with numerous meta-tuffaceous interbands.
549.7 -	551.5	4H1	Massive sulphide, siliceous pyrrhotitic facies.

<u>Metres</u>		
551.5 - 552.8	4E7	Massive sulphide, pyritic facies, siliceous.
552.8 - 553.2	5B6	Non-calcareous phyllite.
553.2 - 554.8	4E7	Massive sulphide, pyritic - siliceous facies.
554.8 - 557.1	4L0	Pyritic quartzite - exhalative-type.
557.1 - 557.4	4G7	Baritic facies with minor pyrrhotite (Pb-Zn).
557.4 - 558.2	4D7	Pyritic quartzite plus visible red-brown sphalerite.
558.2 - 558.8	5D6	White mica envelope alteration of tuffaceous phyllite.
558.8 - 560.3	4C7	Pyritic quartzite base metal poor with minor pyrrhotite.
560.3 - 560.7	4L0	Pyritic quartzite exhalative type.
560.7 - 561.7	4A0	Ribbon-banded graphitic sulphide, mainly pyrite and pyrrhotite.
561.7 - 563.7	4E6	Massive pyritic facies with barite and sphalerite-rich laminations.
563.7 - 564.1	4C0	Pyritic quartzite breccia with minor sphalerite in matrix.
564.1 - 565.1	4A0	Sulphide-bearing ribbon-banded graphitic quartzite.
565.1 - 567.5	4C0	Pyritic quartzite, minor breccia.
567.5 - 567.9	4A0	Ribbon-banded graphitic sulphide.
567.9 - 568.3	5D6	Tuffaceous phyllite.
568.3 - 570.0	4A0	Ribbon-banded graphitic sulphide.
570.0 - 570.3	5D6	Tuffaceous phyllite.
570.3 - 571.0	4A0	Ribbon-banded graphitic sulphide.
571.0 - 571.6	4C0	Pyritic facies.
571.6 - 572.9	5B6	Non-calcareous phyllite.
572.9 - 574.0	4A0	Ribbon-banded graphitic phyllite.
574.0 - 578.5	5B6	Non-calcareous phyllite.

<u>Metres</u>		
578.5 - 582.3	4A0	Ribbon-banded graphitic phyllite.
582.3 - 587.2	4L0	Pyritic quartzite exhalite-type, some white mica alteration.
587.2 - 588.6	0Q0	Post-D ₂ vein quartz.
588.6 - 589.0	5B6	Non-calcareous phyllite.
589.0 - 610.5	4L0	Pyritic quartzite with minor white mica alteration, some pyrrhotite, total sulphides less than 5%.
610.5 - 615.1	5B6 or 3G	Non-calcareous phyllite.
615.1 - 618.9	4L0	Pyritic quartzite, white mica envelope.
618.9 - 619.8	5B6 or 3G	Non-calcareous phyllite.
619.8 - 629.6	4L0	Pyritic quartzite.
629.6 - 632.9	5B6	Non-calcareous phyllite.
632.9 - 638.2	4L7	Pyrrhotite bearing, pyritic quartzite.
638.2 - 639.2	5B6	Non-calcareous phyllite.
639.2 - 657.4	0E8	Diorite porphyry.
657.4 - 660.5	5B/A	Non-calcareous and graphitic phyllite, minor pyrite.
660.5 - 662.8	4C7	Pyritic quartzite.
662.8 - 665.9	4E/1-8	Massive to siliceous pyritic sulphides + ankerite.
665.9 - 672.5	4G	Variably mineralised barite facies sulphides + Pb-Zn.
672.5 - 679.2	4G/E	Pyritic and baritic massive and banded sulphides + Pb-Zn.
679.2 - 683.3	4A0	Ribbon banded graphitic sulphides.
683.3 - 684.1	4L7	Pyrite-pyrrhotite quartzite.
684.1 - 688.1	5B/A	Non-calcareous and graphitic phyllite.
688.1 - 690.1	4A0	Ribbon banded graphitic phyllite.

<u>Metres</u>		
690.1 - 696.3	4E/L	Ankeritic and pyritic sulphides with white mica alteration.
696.3 - 721.1	5B/4L	Alternating non-calcareous phyllite and tuffaceous (exhalite) quartzite.
721.1 - 769.6	4L7	Tuffaceous quartzite.
769.6 - 770.2	4G0	Barite facies sulphides + Pb-Zn.
770.2 - 791.7	4A0	Ribbon banded graphitic sulphides.
791.7 - 799.4	5A/B	Non-calcareous and graphitic phyllite.
799.4 - 824.2	3G7	Non-calcareous tuffaceous phyllite.
824.2 - 845.0	4L7	Tuffaceous pyritic quartzite.
845.0 - 891.6	3G0	Non-calcareous muscovite-biotite-chlorite phyllite.
891.6 - 893.0	3C6	Metabasite.
893.0 - 905.3	3G	Non-calcareous phyllite.
905.3 - 913.1	0E7	Dioritic porphyry.

END OF HOLE

ASSAY SUMMARY

DDH 77-X-11
(DY 144 - Y4359)

<u>Sample No.</u>	<u>Ftg. - Metres</u> <u>From</u> <u>To</u>	<u>Int. Metres</u>	<u>Ag Gm/MT</u>	<u>Pb</u>	<u>Zn</u>	<u>Cu</u>	<u>Comb. Pb/Zn</u>	<u>Est. %</u>	<u>Pb/Zn</u>
2527	549.7 - 551.3	1.6	39.4	3.04	4.34	.13	7.38)		
2528	551.5 - 552.8	1.3	76.8	6.19	8.49	.18	14.68)		
2529	553.2 - 554.8	1.6	64.7	5.15	6.36	.15	11.51)		
2530	554.8 - 557.1	2.3	9.4	0.52	0.54	.10	1.06)		
2531	557.1 - 558.2	1.1	44.5	3.42	3.88	.11	7.30		
2532	558.8 - 560.3	1.5	15.5	1.06	1.72	.13	2.78		
2533	560.7 - 561.7	1.0	22.2	1.72	2.20	.21	3.92		
2534	561.7 - 563.7	2.0	42.6	2.24	1.36	.23	3.60		
2535	563.7 - 565.1	1.4	30.4	2.12	3.10	.07	5.22		
2536	565.1 - 566.5	1.4	11.8	0.58	1.02	.19	1.60		
2537	566.5 - 567.9	1.4	17.8	1.24	1.14	.07	2.38		
2538	568.3 - 570.0	1.7	17.0	1.00	1.16	.08	2.16		
2539	570.3 - 571.6	1.3	14.3	0.90	0.86	.11	1.76		
2540	571.6 - 572.9	1.3	4.9	0.14	0.03	.04	0.17		
2541	572.9 - 574.0	1.1	7.5	0.28	0.08	.18	0.36		
2542	574.0 - 576.0	2.0	6.0	0.28	0.20	.03	0.48		
2543	576.0 - 577.0	1.0	13.0	0.72	0.13	.03	0.85		
2544	577.0 - 578.5	1.5	9.2	0.54	0.20	.02	0.74		
2545	578.5 - 580.5	2.0	20.2	1.56	1.96	.11	3.52		
2546	580.5 - 582.3	1.8	20.1	1.48	2.25	.12	3.73		
2547	582.3 - 584.3	2.0	3.0	0.12	0.20	.04	0.32		

ASSAY SUMMARY

DDH 77-X-11

Sample No.	Ftg - Metres		Int. Metres	Ag Gm/MT	Pb	Zn	Cu
	From	To					
2551	660.5	661.5	1.0	5.0	0.23	0.13	0.05
2552	661.5	662.8	1.3	8.8	0.25	0.084	0.04
2553	662.8	664.5	1.7	16.4	0.21	0.07	0.16
2554	664.5	665.9	1.4	13.8	0.32	0.07	0.18
2555	665.9	667.8	1.9	52.5	4.69	3.73	0.31
2556	667.8	669.3	1.5	21.2	1.15	1.06	0.32
2557	669.3	670.6	1.3	41.7	3.71	1.44	0.26
2558	670.6	672.5	1.9	35.4	1.94	0.87	0.27
2559	673.8	675.7	1.9	31.7	1.98	1.33	0.18
2560	675.7	676.7	1.0	22.5	0.81	0.28	0.30
2561	676.7	678.1	1.4	23.0	0.61	0.39	0.27
2562	678.6	679.6	1.0	22.8	1.59	2.25	0.09
2563	679.6	681.6	2.0	11.8	0.89	1.52	0.08
2564	681.6	683.3	1.7	19.8	1.32	1.76	0.09
2565	688.1	690.1	2.0	18.8	0.78	0.46	0.07
2566	690.1	691.1	1.0	20.1	0.36	0.12	0.28
2567	691.1	692.7	1.6	21.3	0.19	0.06	0.31
2568	731.2	732.2	1.0	18.8	0.61	0.35	0.26
2569	769.6	771.6	2.0	42.0	2.77	4.14	0.09
2570	771.6	773.6	2.0	29.8	1.83	3.82	0.05
2571	773.6	775.6	2.0	34.7	2.34	3.84	0.04
2572	775.6	777.6	2.0	34.1	2.34	3.87	0.05
2573	777.6	779.6	2.0	30.8	2.09	4.44	0.05
2574	779.6	781.6	2.0	22.3	1.95	3.26	0.04
2575	781.6	783.6	2.0	21.9	1.72	2.62	0.05
2576	783.6	785.6	2.0	21.4	1.64	2.52	0.05
2577	785.6	787.6	2.0	23.7	1.45	1.87	0.07
2578	787.6	789.6	2.0	23.1	1.56	2.46	0.06
2579	789.6	791.7	2.1	18.2	1.12	1.72	0.07

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 77-X-11

Fabric Orientation Diagram:

Project: Dy.

Location: _____

Claim: _____

Terr. Plane Co-ords.: _____ N

_____ E

Grid Co-ords.: KA 4148/12N



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

Total Depth: 633.1 m (incomplete)

Purpose: _____

Logged by: DJH Date(s) Logged: Nov. - Dec. 1977

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

NQ 0 454.4m

BQ 454.4 633.1m

Started: Nov. 1/77 Completed: incomplete

Lithologic Log

Code	From	To	Unit	Code	Description
	10 14 16 20	22 23 25 27			
L	11100	1152	11	#	triconed - no core
L	1152	1181	12	5D13	
L	1181	12165	13	5B10	weakly → strongly calc.
L	12165	12170	14	5C16	light grey green w/ "grainy" texture; ~ 10% OQO & peg. "sweats"
L	12170	12140	15	5B10	as unit 3; broken & lost core w/ minor breccia 62.7 → 66.1 m, 84.4 → 87.0 m
L	12140	113162	16	5B12	weakly calc; w/ ~ 15% interbanded 5B0 & 5B6; upper ct gradational over 5 m.
L	113162	113172	17	01Q10	
L	113172	115100	18	5B12	as unit 6 w/ increasing graphite towards end of int; gouge @ 142.3 m; gouge & breccia 148.4 → 149.7 m
L	115100	115129	19	5G13	weakly graphitic; weakly calc; < 10% interbanded 5B0
L	115129	115166	110	5B12	as units 6, 8
L	115166	116131	111	5G13	as unit 9 w/ minor py rich bands // S ₂
L	116131	116183	112	5B10	as units 3, 5
L	116183	116193	113	5D13	sharp upper ct // S ₂ ; lower ct. grad- ational over 0.5 m.
L	116193	117133	114	5B10	strongly calc.
L	117133	117167	115	5B10	strongly calc.; ~ 20% interbanded 5D3
L	117167	118166	116	5B10	as unit 14
L	118166	12008	117	5D13	w/ ~ 20% OQO & CO ₃ ⁼ pods; mod. calc.
L	12008	12022	118	5B10	→ 5B0 ^{??} ; weakly calc.; chl → musc.
L	120122	12051	119	5D13	as unit 17; w/ 0.2 m metabasite from 203.1 → 203.3 m
L	12051	12057	210	5B10	as unit 18
L	12057	120167	211	5D13	as units 17, 19
L	120167	12075	212	5B10	as units 18, 20; weakly → mod. calc.
L	12075	120194	213	5D13	as units 17, 19, 21
L	120194	121102	214	5B10	as units 18, 20, 22; note: are these 5B7 units actually 5D w/ interbanded 5B.
L	121102	121119	215	5D13	weakly calc
L	121119	121155	216	5B10	as units 18, 20, 22, 24

Lithologic Log

Logged By: DTH

Code	From	To	Unit	Code	Description
I	10 14 16 20	22 23 25 27			
L	121155	121236	217	5D13	mod. → strongly calc.; ~10% 5C3 & ~10% 5B7 interbanded
L	121236	121289	218	5C16	< 5% CO ₃ ²⁻ ; light beige "speckled" texture
L	121289	121310	219	5D16	non laminarily banded metatuff
L	121310	121320	310	5D16	
L	121320	121425	311	5B10	as units 18, 20, 22, 24, 26; grad. cts over 0.5 m; mod. → strongly calc.
L	121425	121431	312	5D13	weakly → mod. calc;
L	121431	121450	313	5C16	as unit 28; cts grad. over 0.2 m
L	121450	121460	314	5D13	as unit 32
L	121460	121628	315	5B10	as units 18, 20, 22, 24, 26, 31; grad. cts. over ~1.0 m; mod. → strongly calc.; ~10% interbanded 5D3
L	121628	131010	316	5B10	mod. → strongly calc.; musc ⇒ chl
L	131010	131012	317	5D13	
L	131012	131017	318	5B10	as unit 36
L	131017	131018	319	5D13	
L	131018	131180	410	5B10	as units 36, 38
L	131180	131498	411	5B10	~30% interbanded 5B0, 5B6 towards end of int.; strongly calc.; chl > musc.
L	131498	131610	412	5B10	<10% interbanded 5D3; ~20% interbanded 5B6; weakly → mod calc; musc
L	131610	131615	413	5D13	weakly → mod. calc
L	131615	131671	414	5B10	as unit 42
L	131671	131680	415	5D13	
L	131680	131717	416	5B10	as unit 41
L	131717	131724	417	5D13	
L	131724	131984	418	5B10	as units 41 & 46; <2% interbanded 5D3; mod → strongly calc; lower ct grad. over ~2 m
L	131984	141131	419	5B10	~30% interbanded 5B6; weakly calc.; <1% interbanded 5D3
L	141131	141136	510	5D16	
L	141136	141190	511	5B10	as unit 49
L	141190	141195	512	5D13	

Lithologic Log

Logged By: DJH

No	From		To		Unit	Code	Description
	10	14	16	20			
L	191	195	142	150	53	51B10	as units 49, 51
L	192	150	142	170	54	51D16	
L	192	170	142	199	55	51B16	
L	142	199	143	106	56	51D16	as unit 54
L	143	106	143	183	57	51B10	as units 49, 51, 53
L	143	183	143	197	58	51D13	weakly calc.
L	143	197	149	157	59	51B10	minor interbanded 5D3 + 5B73; mod. calc.
	149	157	150	145	60	51D18	50:50 interbanded 5D3 & 5B0; mod. calc.
L	510	145	154	114	61	51B10	strongly calc.
L	514	114	154	197	62	51B10	→ 5B02; incip. brecciated; minor tuff interlamination
L	514	197	155	113	63	41H1	~20% siliceous frags to 3 cm dia.
L	515	113	155	115	64	51B16	→ 5B619; <5% py
L	515	115	155	128	65	4E17	→ 4E71; ~10% po mainly in Pb/Zn rich bands; ~10% sil. frags. & bands
L	515	128	155	132	66	51B16	as unit 64
L	515	132	155	148	67	4E17	→ 4E71; as unit 65
L	515	148	155	171	68	41L10	~20% interbanded po; white mica well developed.
L	515	171	155	177	69	4G17	~15% BaSO ₄ ; ~10% po
L	515	177	155	182	70	4D17	<10% arg. + graph; good visible red-brown sph; → 4D75; ~20% po
L	515	182	155	188	71	51D16	well dev. white mica alteration; note: looks like 4L w/o sdes.
L	515	188	156	103	72	4C17	~20% sdes; → 4C79
L	516	103	156	107	73	41L10	~10% interbanded po.
L	516	107	156	117	74	41A10	~20% interbanded 4C; 15-20% tot. sdes (mainly py, po)
L	516	117	156	137	75	4E16	→ 4E64; ~5% BaSO ₄ ; sph. rich laminations.
L	516	137	156	141	76	41C10	breccia w/ minor sph. infillings
L	516	141	156	151	77	41A10	as unit 74
L	516	151	156	175	78	41C10	~50% total sdes (mainly py); 0.2 m breccia @ end of int.
L	516	175	156	179	79	41A10	as units 74 & 77

DDH 77-X-11
2 8

Cyprus Anvil Mining Corp.
Structural Log

Page 7 of 16
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			155	CIS12		69	1815	S region 5.2 → 34.5 m	
S			110.9	CIS12		81	1815		
S			116.5	CIS12		72	1815		
S			122.6	CIS12		67	1815		
S			128.3	CIS12		76	1815		
S			133.8	CIS12		78	1815		
S			134.5	FR2E				Z region 34.5 → 36.4 m	
S			135.7	CIS12		77	1815		
S			136.4	FR23				S region 36.4 → 51.4 m	
S			139.4	CIS12		81	1815		
S			144.9	CIS12		76	1815		
S			150.7	CIS12		71	1815		
S			151.4	FR2E				Z region 51.4 → 53.3 m	
S			152.3	CIS12		82	1815		
S			153.3	FR23				S region 53.3 → 59.9 m	
S			156.6	CIS12		90	1815		
S			159.9	FR2E				Z region 59.9 → 63.3 m	
S			162.3	CIS12		78	1815		
S			163.3	FR23				S region 63.3 → 67.0 m	
S			166.0	CIS12		86	1815		
S			167.0	FR2E				Z region 67.0 → 74.6 m	
S			169.7	CIS12		90	1815		
S			174.6	FR23				S region 74.6 → 77.0 m	
S			175.3	CIS12		69	1815		
S			177.0	FR2E				Z region 77.0 → 81.3 m	
S			1810.9	CIS12		69	1815		
S			181.3	FR23				S region 81.3 → 107.0 m	
S			187.6	CIS12		74	1815		
S			194.0	CIS12		71	1815		
S			198.4	CIS12		65	1815		
S			1102.39	CIS12		43	1815		
S			1107.0	FR2E				Z region 107.0 → 147.9 m	
S			1109.4	CIS12		82	1815		
S			1114.9	CIS12		82	1815		
S			1120.4	CIS12		83	1815		
S			1125.9	CIS12		84	1815		

Code	From		To		Feature	E/W	S ₁		S ₂		Description
	10	14	16	20			22	24	26	28	
S	1	1	1	1	1/1317	CS12			81	1815	
S	1	1	1	1	1/1375	CS12			83	1815	
S	1	1	1	1	1/1435	CS12			63	1815	
S	1	1	1	1	1/1779	FR3					S region 147.9 → 155.4 m
S	1	1	1	1	1/1510	CS12			79	1815	
S	1	1	1	1	1/1554	FR E					Z region 155.4 → 159.8 m
S	1	1	1	1	1/1564	CS12			73	1815	
S	1	1	1	1	1/1598	FR3					S region 159.8 → 164.6 m
S	1	1	1	1	1/1619	CS12			63	1815	
S	1	1	1	1	1/1646	FR E					Z region 164.6 → 166.8 m
S	1	1	1	1	1/1667	CS12			81	1815	
S	1	1	1	1	1/1668	FR3					S region 166.8 → 223.6 m
S	1	1	1	1	1/1676	CS12			65	1815	
S	1	1	1	1	1/1733	CS12			86	1815	
S	1	1	1	1	1/1789	CS12			70	1815	
S	1	1	1	1	1/1843	CS12			81	1815	
S	1	1	1	1	1/1901	CS12			80	1815	
S	1	1	1	1	1/1958	CS12			69	1815	
S	1	1	1	1	121018	CS12			76	1815	
S	1	1	1	1	121071	CS12			82	1815	
S	1	1	1	1	121128	CS12			78	1815	
S	1	1	1	1	121186	CS12			73	1815	
S	1	1	1	1	121236	FR S					PS2 223.6 → 231.0 m
S	1	1	1	1	121242	PS12			78	1815	
S	1	1	1	1	121299	PS12			70	1815	
S	1	1	1	1	121310	FR S					S region 231.0 → 235.4 m
S	1	1	1	1	121349	CS12			74	1815	
S	1	1	1	1	121354	FR S					S2 HORIZONTAL 235.4 → 240.9 m
S	1	1	1	1	121399	CS12			90	1815	
S	1	1	1	1	121409	FR S					S region 240.9 → 257.2 m
S	1	1	1	1	121430	CS12			70	1815	
S	1	1	1	1	121490	CS12			85	1815	
S	1	1	1	1	121528	CS12			82	1815	
S	1	1	1	1	121572	FR S					Z region 257.2 → 262.8 m
S	1	1	1	1	121586	CS12			65	1815	
S	1	1	1	1	121628	FR3					S region 262.8 → 271.2 m

Structural Log

Code	From		To		Feature	S.E.	S ₁		S ₂		Description
	10	14	16	20			22	24	26	28	
S			1216	143	C/S12				713	1815	
S			1217	103	C/S12				615	1815	
S			1217	12	F12	E					Z region 271.2 → 276.3 m
S			1217	19	C/S12				719	1815	
S			1217	63	F123						S region 276.3 → 293.5 m
S			1218	10	C/S12				618	1815	
S			1218	69	C/S12				715	1815	
S			1219	26	C/S12				815	1815	
S			1219	35	F12E						Z region 293.5 → 302.4 m
S			1219	82	C/S12				910	1815	
S			1310	24	F123						S region 302.4 - 334.7 m
S			1310	39	C/S12				813	1815	
S			1311	00	C/S12				910	1815	
S			1311	15	C/S12				717	1815	
S			1312	08	C/S12				813	1815	
S			1312	66	C/S12				718	1815	
S			1313	23	C/S12				819	1815	
S			1313	47	F12E						Z region 334.7 - 343.8 m
S			1313	84	C/S12				811	1815	
S			1314	38	F123						S region 343.8 - 364.3 m
S			1314	60	C/S12				813	1815	
S			1314	91	C/S12				711	1815	
S			1315	53	C/S12				811	1815	
S			1316	15	C/S12				719	1815	
S			1316	43	F12E						Z region 364.3 - 372.2 m
S			1316	68	C/S12				815	1815	
S			1317	22	F123						S region 372.2 - 374.7 m
S			1317	23	C/S12				819	1815	
S			1317	47	F12E						Z region 374.7 - 379.9 m
S			1317	79	C/S12				815	1815	
S			1317	99	F123						S region 379.9 - 412.8 m
S			1318	35	C/S12				810	1815	
S			1318	92	C/S12				813	1815	
S			1319	44	C/S12				713	1815	
S			1410	07	C/S12				717	1815	
S			1410	70	C/S12				711	1815	

Code	From		To		Feature	E S	S ₁		S ₂		Description
	10	14 16	20	22 24			26 28	32	34	38	
S			141123		CIS12				811	11815	
S			14128		F2E						Z region 412.8 - 421.9 m
S			141172		CIS12				711	11815	
S			14219		F23						S region 421.9 - 424.7 m
S			142139		CIS12				73	11815	
S			142147		F2E						Z region 424.7 - 431.6 m
S			142189		CIS12				811	11815	
S			14316		F23						S region 431.6 - 441.2 m
S			143147		CIS12				710	11815	
S			14405		CIS12				78	11815	
S			14412		F2E						Z region 441.2 - 446.0 m
S			14459		CIS12				910	11815	
S			14460		F23						S region 446.0 - 461.5 m
S			14518		CIS12				618	11815	
S			145145		CIS12				85	11815	
S			14615		F2E						Z region 461.5 - 464.3 m
S			14631		CIS12				718	11815	
S			14643		F23						S region 464.3 - 507.3 m
S			14710		CIS12				78	11815	
S			14772		CIS12				910	11815	
S			14827		CIS12				810	11815	
S			14884		CIS12				811	11815	
S			14943		CIS12				71	11815	
S			51000		CIS12				76	11815	
S			51059		CIS12				81	11815	
S			51073		F2E						Z region 507.3 - 514.6 m
S			51121		CIS12				713	11815	
S			51146		F23						S region 514.6 - 528.2 m
S			51170		CIS12				719	11815	
S			51265		CIS12				711	11815	
S			51282		F2S						Breccia 528.2 -> 532.8 m
S			51328		F2S						S sym 532.8 -> 541.5 m
S			51329		CIS12				712	11815	
S			51381		CIS12				618	11815	
S			51415		F2S						Breccia 541.5 -> 549.7 m. (no sym - post D ₂ breccia)

ASSAY SUMMARY

DDH 77-X-11

<u>Sample No.</u>	<u>Ftg. - Metres</u> <u>From To</u>	<u>Int. Metres</u>	<u>Ag Gm/MT</u>	<u>Pb</u>	<u>Zn</u>	<u>Cu</u>	<u>Comb. Pb/Zn</u>	<u>Est. %</u>	<u>Pb/Zn</u>
2524			5.8	.48	.42	.07			
2525			6.7	.66	.92	.05			
2526			4.5	.30	2.48	.13			
2527	549.7 - 551.3	1.6	39.4	3.04	4.34	.13			
2528	551.5 - 552.8	1.3	76.8	6.19	8.49	.18			
2529	553.2 - 554.8	1.6	64.7	5.15	6.36	.15			
2530	554.8 - 557.1	2.3	9.4	.52	.54	.10			
2531	557.1 - 558.2	1.1	44.5	3.42	3.88	.11			
2532	558.8 - 560.3	1.5	15.5	1.06	1.72	.13			
2533	560.7 - 561.7	1.0	22.2	1.72	2.20	.21			
2534	561.7 - 563.7	2.0	42.6	2.24	1.36	.23			
2535	563.7 - 565.1	1.4	30.4	2.12	3.10	.07			
2536	565.1 - 566.5	1.4	11.8	.58	1.02	.19			
2537	566.5 - 567.9	1.4	17.8	1.24	1.14	.07			
2538	568.3 - 570.0	1.7	17.0	1.00	1.16	.08			
2539	570.3 - 571.6	1.3	14.3	.90	.86	.11			
2540	571.6 - 572.9	1.3	4.9	.14	.03	.04			
2541	572.9 - 574.0	1.1	7.5	.28	.08	.18			
2542	574.0 - 576.0	2.0	6.0	.28	.20	.03			
2543	576.0 - 577.0	1.0	13.0	.72	.13	.03			
2544	577.0 - 578.5	1.5	9.2	.54	.20	.02			
2545			20.2	1.56	1.96	.11			
2546			20.1	1.48	2.25	.12			
2547	582.3 - 584.3	2.0	3.0	.12	.20	.04			

