

TRANSMITTAL FORM

V.A. No. 540-17-6

S.M.R. File No

Date Fwd

MINING AFFAIRS

FROM Mining Recorder at Whitehorse

TO Supervising Mining Recorder at Whitehorse, Y.T.



091212

Lease No. ....

Lease No. ....

1980

FOR ACTION ARE:

NEW APPL'N for PLACER LEASE to PROSPECT: Name:

RENEWAL APPL'N PLACER LEASE to PROSPECT: Name:

AFFIDAVIT of EXPENDITURE on PLACER LEASE. Name:

ASSIGNMENT of PLACER LEASE No. ....

From: To:

GROUPING APPL'N UNDER SEC. 52(2) PLACER MINING ACT.

Owner:

DIAMOND DRILL LOGS:

Claims: DY 183 93116

Claim sheet no: 105-K-3

QUARTZ ASSESSMENT REPORT

Claims: ~~DY 183 93116~~

Claim sheet no.

Type of report:

Submitted by:

Cls. work performed on:

\$ Req. for ren. application

C.C. Geology ←

[Signature]  
Signature

19 June 1980  
Date Ret.

REPLY ACTION.

Date Ret.

Signature

# ASSESSMENT REPORTS

WMD

AP No. 105 K 3/6 TYPE OF WORK: DIAMOND DRILLING

FILED UNDER	CYPRUS ANVIL MINING CORPORATION
PERFORMED	1977, 1978, 1979., 1980      DATE FILED :
DN - LAT.	
LONG.	
Nos.	DY
ONE BY	
ONE FOR	
KS	1977 - 4 holes totalling 3324.3 m; 1978 - 4 holes totalling 2750.6 m 1979 - 7 holes totalling 5450.3 m; 1980 - 1 hole totalling 946.3 m. (DD126, DD139, DD140, DD142, DD145, DD146, DD147, DD151, DD153, DD155, DD156, DD160).

19



Government of Canada

Gouvernement du Canada

MEMORANDUM

NOTE DE SERVICE

CONFIDENTIAL

TO  
A

Supervising Mining Recorder

FROM  
DE

Mining Recorder - Whitehorse

SUBJECT  
OBJET

Herewith your copy of Diamond Drill Logs submitted in support of assessment work.

105-K-3      Cyprus Anvil Mining Corporation      DY 41, 85922

Certificates of Work and other supporting data will be forwarded when completed.

c.c./Geology Section  
ATT:/M. Marchand

Office of the Supervising Mining Recorder  
Whitehorse  
Yukon Territory  
340-17-6

SECURITY - CLASSIFICATION - DE SÉCURITÉ  
AUG 15 1979  
WHITESHORSE  
OUR FILE - RÉFÉRENCE  
YOUR FILE - V/RÉFÉRENCE  
DATE  
28 August 1979

*John E. Sias*  
*John E. Sias*

*09/21/8*

*1270-4*

*B. E. Sias*

---

B. E. Sias  
Mining Recorder  
Whitehorse Mining District



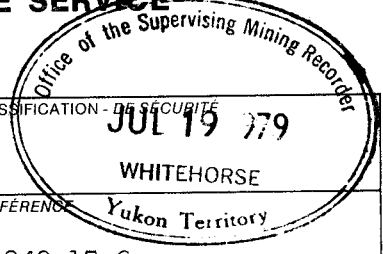
Government of Canada

Gouvernement du Canada

MEMORANDUM

NOTE DE SERVICE

021210



CONFIDENTIAL

TO  
À

Supervising Mining Recorder

FROM  
DE

Mining Recorder - Whitehorse

SUBJECT  
OBJET

Herewith your copy of Diamond Drill Logs and etc. submitted in support of assessment work.

105-K-3

Cyprus Anvil Mining Corporation

DY 184

Certificates of Work and other data will be forwarded when completed.

B.E. Sias  
Mining Recorder  
Whitehorse Mining District

cc: Geology Section  
Attn: M. Marchand

1019-1



MEMORANDUM

NOTE DE SERVICE

CONFIDENTIAL

TO / À: Supervising Mining Recorder

FROM / DE: Mining Recorder, Whitehorse

SECURITY CLASSIFICATION - DE SÉCURITÉ
OCT 12 1979
WHITEHORSE Yukon Territory
OUR FILE - N <sup>o</sup> RÉFÉRENCE 340-17-6
YOUR FILE - V <sup>o</sup> RÉFÉRENCE
DATE 11 Oct. 1979

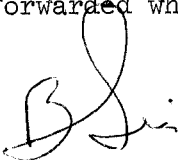
SUBJECT / OBJET

Herewith your copy of Diamond Drill Logs and other data submitted in support of assessment work.

- 105-K-6 Cyprus Anvil Mining Corporation Faro 86
- 105-K-6 " " " " FARO 83
- 105-K-3 " " " " DY 186

091217  
1979-5

Certificates of Work and other support will be forwarded when completed.

  
B. E. Sias

c.c. Geology Section  
Attn: M. Marchand

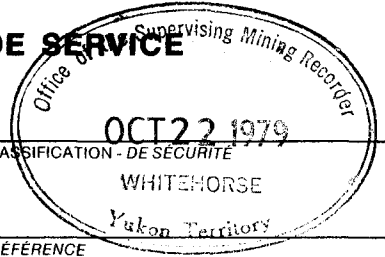


Government of Canada

Gouvernement du Canada

MEMORANDUM

NOTE DE SERVICE



CONFIDENTIAL

TO  
A

Supervising Mining Recorder

FROM  
DE

Mining Recorder - Whitehorse

SUBJECT  
OBJET

Herewith your copy of Diamond Drill Logs & other data submitted in support of assessment work.

*09/21/8*

*1070-6*

105-K-3 Cyprus Anvil Mining Corporation. DY 166

Certificates of Work will be forwarded when completed.

c.c. Geology Section  
ATTN: M. Marchand

B.E. Sias, Mining Recorder  
Whitehorse Mining District

Cyprus Anvil Mining Corporation

330, 355 Burrard Street  
 Vancouver, British Columbia  
 V6C 2G8  
 Telephone (604) 687-2586

Telex 04508594



November 21st, 1978,

The Mining Recorder,  
 Whitehorse Mining District,  
 Room 220, Federal Building,  
 Whitehorse, Y.T.  
 Y1A 2B5

Attention: Mr. B. E. Sias

Dear Sir:

Re: Assessment Work - RICH-QUE FRAC.  
Diamond Drill Hole 78-X-10

In reply to your letter of November 15th regarding assay results on the above mentioned diamond drill hole, this is to advise that no assays are being done on this hole.

Yours truly,

CYPRUS ANVIL MINING CORPORATION,

*M. I. Parker*  
 M. I. Parker (Miss)  
 Lands Officer

/mip

CYPRUS ANVIL MINING CORPORATION

021219



Government of Canada

Gouvernement du Canada

MEMORANDUM

NOTE DE SERVICE

CONFIDENTIAL

TO  
A

Supervising Mining Recorder

FROM  
DE

Mining Recorder - Whitehorse

SECURITY CLASSIFICATION - DE SÉCURITÉ JUL 6 1979	
WHITEHORSE OUR FILE - N/RÉFÉRENCE Yukon Territory	
340-17-6 YOUR FILE - V/RÉFÉRENCE	
DATE 5 July 1979	

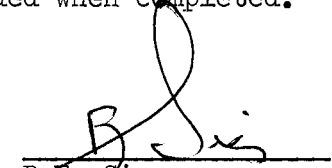
SUBJECT  
OBJET

Herewith your copy of Diamond Drill logs submitted in support of assessment work.

1979-2

105-K-3      Cyprus Anvil Mining Corporation      DY 43

Certificates of Work and other data will be forwarded when completed.

  
B.E. Sias

c.c. Geology Section  
Attn: M. Marchand





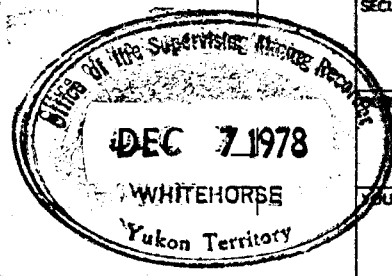
MEMORANDUM / NOTE DE SERVICE

071219

CONFIDENTIAL

TO  
A

Supervising Mining Recorder



SECURITY - CLASSIFICATION - DE SÉCURITÉ	1978-2
FILE - N/RÉFÉRENCE	
YOUR FILE - V/RÉFÉRENCE	340-17-6
DATE	24/11/78

FROM  
DE

Mining Recorder, Whitehorse

SUBJECT  
OBJET

Herewith your copy of Diamond Drill Logs submitted in support of assessment work

105-K-3/6 Cyprus Anvil Mining Corporation DY 45

Certificates of Work and other supporting data will be forwarded when completed

B. E. Sias

C.C. Geology Section  
Attn: M? Marchand.

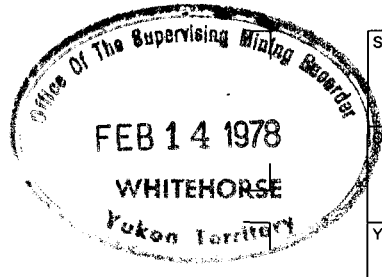
OK  
Hanks  
Joseph

MEMORANDUM

NOTE DE SERVICE

091210  
1978-4

CONFIDENTIAL



SECURITY - CLASSIFICATION - DE SÉCURITÉ
YOUR FILE - N/RÉFÉRENCE
340-17-6
YOUR FILE - V/RÉFÉRENCE
DATE
13/2/78

TO / À Supervising Mining Recorder

FROM / DE Mining Recorder, Whitehorse

SUBJECT / OBJET

Herewith your copy of Diamond Drill Logs submitted in support of assessment work.

105-K-3 Cyprus Anvil Mining Corp. DY 144

Certificates of Work and other supporting data will be forwarded when completed.

*B. E. Sias*  
B.E. Sias

c.c. Geology Section  
ATTN: M. Marchand



Government of Canada

Gouvernement du Canada

# MEMORANDUM

# NOTE DE SERVICE

CONFIDENTIAL

TO  
À

Supervising Mining Recorder

FROM  
DE

Mining Recorder - Whitehorse

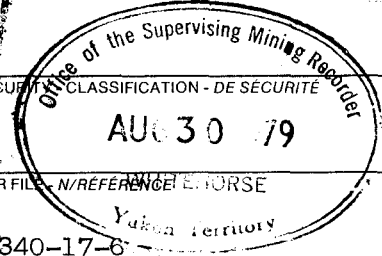
SUBJECT  
OBJET

Herewith your copy of Diamond Drill Logs submitted in support of assessment work.

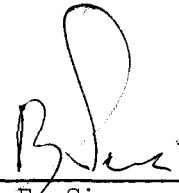
105-K-3 Cyprus Anvil Mining Corporation DY 41, 85922

Certificates of Work and other supporting data will be forwarded when completed.

c.c./Geology Section  
ATT:/M. Marchand

SECURITY CLASSIFICATION - DE SÉCURITÉ	
	
OUR FILE - N/RÉFÉRENCE	WHITEHORSE
340-17-6	Yukon Territory
YOUR FILE - V/RÉFÉRENCE	
DATE	
30 August 1979	

*091212*  
*19793*

  
 B. E. Sias  
 Mining Recorder  
 Whitehorse Mining District

105-K-3

DY 183 93116

SWIM LAKES AREA

CYPRUS ANVIL MINING

CORPORATION

APRIL 1980

1 HOLE - 3105 FT

CYPRUS ANVIL MINING CORPORATION 1979-7 <sup>021212</sup>

DY 184 ~~9347~~

105-K-3/b

SWIM LAKES

1 HOLE - 2533 FT DD-160

APRIL 1979.

1072-4

Diamond Drill Log

DY 41, 85922

79-X-05 = 2,475'

Swim Lake Area - 105-K-3

Cyprus Anvil Mining  
Corporation

30 May 79 - 29 June 79

DY 186

1072-5

93119

105-K-3.

CYPRUS ANVIL MINING CORPORATION

SWIM LAKE AREA

1 HOLE - (NET) 1666 FT.

JULY 1979 (696 FT to 2362 FT)

10723

Diamond Drill Log

105-K-3

DY 41, 85922

DDH 79-X-04 = 2,261'

Amim Lakes Area

Work done:

May 9 - May 26 / 79

Cyprus Anvil Mining Corporation

DY 43

85924

105-K-3

CYPRUS ANVIL MINING CORPORATION

APRIL / MAY 1979

1 HOLE . 2243 FT

DD-156

105-K-3

DY 45 85926

CYPRUS ANJIL MINING CORPORATION

1 HOLE - 1006 FT

JULY 1978. DD-139

105-K-3

DD-140

DY 41 ~~→~~ 85922

CYPRUS ANJIL MINING CORP.

1 HOLE - 2017 FT.

MAY 1978.

DY 43 Y 85924

CYPRUS ANVIL MINING CORPORATION

MARCH 1978

1 HOLE - 1257 FT.

DIAMOND DRILL LOG

105-K-3

DD-153

CYPRUS ANVIL MINING  
CORPORATION

DY 144 Y 4359.

MARCH 1978

919 FT

(CONTINUATION OF  
PREVIOUS DRILLING.)

COLLAR:		HOLE SURVEY		
NORTH	FOOTAGE	AZIMUTH	DIP	
EAST				
ELEVATION				
LOGGED BY				
DATE LOGGED				
MAP REFERENCE NO.	METHOD:			

# Diamond Drill Record

COMPANY NAME CYPRUS ANVIL MINING CORPORATION  
 PROPERTY NAME DY Property  
 DRILLING CONTRACTOR Arctic Diamond Drilling  
 ASSAYER \_\_\_\_\_  
 PURPOSE OF HOLE \_\_\_\_\_

DD-146 PAGE 1 OF 2  
 HOLE NO. 77-X-01  
 CLAIM NAME DY 183 (93118)  
 COMMENCED April 1st, 1977  
 FINISHED \_\_\_\_\_  
 PROJECT NO. \_\_\_\_\_

FROM	TO	RECOVY	DESCRIPTION	SAMPLE				ASSAYS					
				FROM	TO	WIDTH	NO.						
			NO - 0 - 665.99 meters: BQ 665.99 - 749.96 meters <u>PLEASE NOTE THAT ALL DISTANCES SHOWN ARE IN METERS</u>										
3.66	7.80		Quartz										
7.80	13.72		Metatuff										
13.72	22.28		Metabasite and metatuff										
22.28	27.43		Metatuff										
27.43	46.65		Calc. muscovite-chlor										
46.63	65.08		Metatuff										
65.08	75.29		Calc. musc. - chl. phyllite - metatuff and metabasite										
75.29	90.53		Metatuff - metabasite.										
90.53	346.88		Non calc. musc.-chl. phyllite										
346.86	363.02		Calc. musc-chl. phyllite										
363.02	369.20		Metatuff										
369.20	373.08		Calc. muscovite chl.										
373.08	377.04		Metatuff and metabasite										
377.04	500.24		Calc. musc. Chl. phyllite										
500.24	526.76		Metatuff										
526.76	548.95		Calc. musc.-Chl. phyllite										
548.95	553.25		Metatuff										
553.25	581.4		Calc. musc. chl. phyllite										
581.4	584.7		Sulphide										

1 Hole - 433<sup>w</sup>  
 105-k-3  
 Q 71834 - Q 71843



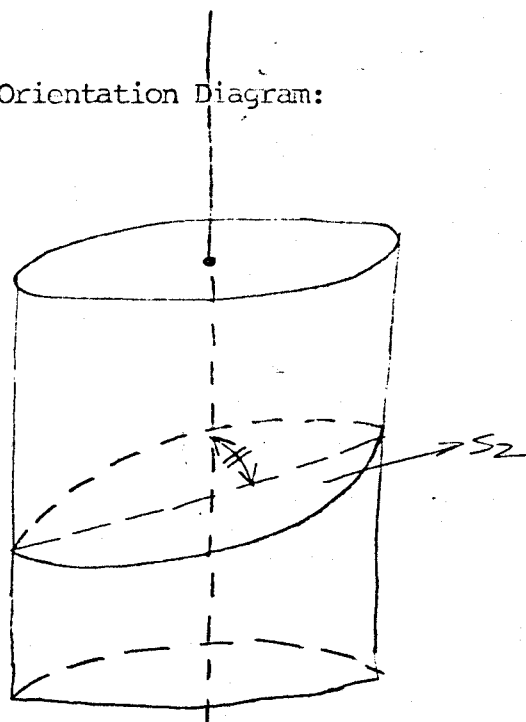
1977

091210



CYPRUS ANVIL MINING CORPORATIONDIAMOND DRILL CORE LOGHole Number: 77X-03

Fabric Orientation Diagram:

Project: DYLocation: Ortho-photo sheet F-6Claim: DY 185 - Grant No. 93118Terr. Plane  
Co-ords.: 22 649 047.6 N317898.4 EGrid  
Co-ords.: KA L 116/16 N.Elevation: 1189.4 m (3902.5 ft) MSL

All symmetry determinations looking

275° with S2 dippingS with dip azimuth 185°.Total Depth: 844.3 m.Purpose: DOWN PLUNGE STEP OUT FROM 76X-21 - TO DEFINE SULPHIDE HORIZON.Logged by: DJH, JPF, DSJ, CXT Date(s) Logged: JUNE 1 - July 12Drilling Contractor: ARCTIC D.D. Core: Size From To Collar Cased and Capped: NO

Core is located at the Cyprus Anvil Mine Site.

NQ 0.0 584.3BQ 584.3 844.3Started: May 23/77 Completed: July 9/77

Amor Mining Corp.  
DY 185 (93118)  
DD-147

105-K-3.

DDH 77 X 3

SUMMARY LOG

PLEASE NOTE ALL DISTANCES ARE IN METERS



0.0 - 7.0	Overburden.
7.0 - 701.0	5B - Calc phyllite.
701.0 - 702.6	Pyrrhotitic Quartzite + (Pb-Zn).
702.6 - 703.6	Barite (Pb-Zn).
703.6 - 704.5	Pyritic sulphides (Pb-Zn).
704.5 - 705.1	Baritic sulphides.
705.1 - 705.9	Pyritic sulphides (Pb-Zn).
705.9 - 710.8	Pyritic Quartzite Pb, Zn.
710.8 - 714.0	Ribbon-banded sulphides Pb, Zn.
714.0 - 717.2	Pyritic sulphides (Pb-Zn).
717.2 - 731.2	5D - White Mica Envelope.
731.2 - 736.6	Pyritic sulphides (Pb-Zn).
736.6 - 739.3	Pyrrhotitic Quartzite (Pb-Zn).
739.3 - 742.6	Banded massive sulphides.
742.6 - 743.6	20% sulphide pyrite.
743.6 - 754.1	5B - disseminated sulphides.
754.1 - 764.4	5D - tuff.
764.4 - 774.8	5B - disseminated sulphides.
774.8 - 776.9	5D - tuff.
776.9 - 791.0	5D - White Mica Envelope.
791.0 - 801.6	5B - Calc phyllite.
801.6 - 810.9	5D - White Mica Envelope.
810.9 - 812.3	Graphitic breccia.
812.3 - 829.9	5A - Graphite.
829.9 - 832.4	3D - Calc-silicate.
832.4 - 832.8	Pegmatite (gran.).
832.8 - 836.8	3D - Calc-silicate.
836.8 - 844.3	Quartz monzonite.

END OF HOLE

DY 77-X-3

Kamloops Research & Assay Lab.

Samp. No.	Ftg. - Metres		Width	Au	Cu-%	Pb-%	Zn-%	Ag gms/T	Ba	Comb. Pb/Zn	Avg.
	From	To									
2601	-	700.1		-	0.03	0.09	0.11	TR	1.70	0.20	
2602	700.1	701.1	1.0	-	0.11	9.85	5.11	102.9	6.50	14.96	
2603	701.1	702.6	1.5	-	0.20	3.68	3.59	61.4	5.10	7.27	
2604	702.6	703.6	1.0	-	0.09	5.88	6.99	95.3	23.20	12.87	
2605	703.6	704.6	1.0	-	0.29	2.46	3.01	41.2	6.10	5.47	
2606	704.6	705.9	1.3	-	0.21	1.73	3.51	36.7	10.20	5.24	
2607	705.9	707.9	2.0	-	0.15	5.02	1.97	51.1	2.40	6.99	
2608	707.9	709.9	2.0	-	0.29	1.92	0.96	28.5	0.12	2.88	
2609	709.9	710.8	0.9	-	0.27	0.57	0.96	7.2	0.15	1.53	
2610	710.8	712.8	2.0	-	0.16	0.07	0.24	1.4	0.12	0.31	
2611	712.8	714.0	1.2	-	0.16	0.44	0.28	6.2	0.15	0.72	
2612	714.0	716.0	2.0	-	0.26	3.26	4.05	54.9	4.40	7.31	
2613	716.0	717.2	1.2	-	0.44	0.41	0.45	18.2	0.06	0.86	
2614	717.2	719.2	2.0	-	0.11	0.01	0.02	TR	0.30	0.03	
2615	729.2	731.2	2.0	-	0.02	0.29	0.34	TR	1.90	0.63	
2616	731.2	733.2	2.0	-	0.19	0.52	0.38	13.0	0.50	0.90	
2617	733.2	735.2	2.0	-	0.26	2.32	1.74	32.9	9.40	4.06	
2618	735.2	736.6	1.4	-	0.25	1.74	1.42	24.7	3.10	3.16	
2619	736.6	737.6	1.0	-	0.09	0.51	0.27	4.1	0.60	0.78	
2620	737.6	739.3	1.7	-	0.11	1.08	0.65	13.0	1.60	1.73	
2621	739.3	741.3	2.0	-	0.15	2.04	1.21	36.3	2.40	3.25	
2622	741.3	742.6	1.3	-	0.21	1.24	1.44	28.5	13.00	2.68	
2623	742.6	743.6	1.0	-	0.08	0.26	0.30	16.8	0.15	0.56	
2624	743.6	745.6	2.0	-	0.01	0.04	0.02	TR	0.33	0.06	

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 77X-04

Fabric Orientation Diagram:

Project: DY

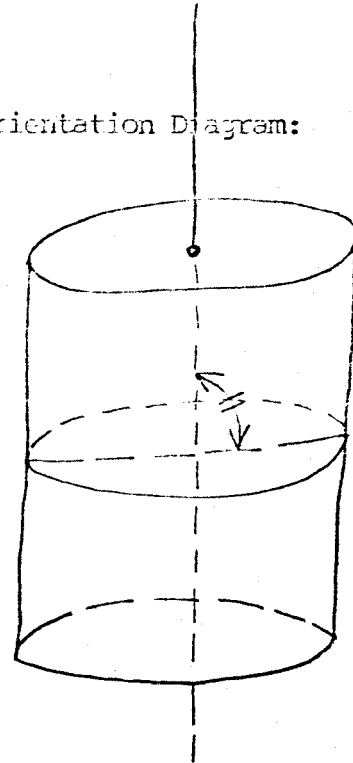
Location: ortho-photo sheet F-6

Claim: DY 135 -Grant No. 93118

Terr. Plane Co-ords.: 22, 1,48458.6 N

317350.6 E

Grid (K/A) Co-ords.: L116 + 8+00N



All symmetry determinations looking

275° with S2 dipping

Elevation: 1186.8 M (3893.8 ft.) MSL S with dip azimuth 185°.

Total Depth: 850.1 m.

Purpose: 800' DOWN PLUNGE STEP-OUT FROM 76X-21. TO DEFINE SULPHIDE HORIZON.

Logged by: DTA / SPF / CXT / DST Date(s) Logged: JUNE 1 -> July 12.

Drilling Contractor:	<u>ARCTIC</u>	Core:	Size	From	To	Collar Cased and Capped:	<u>NO</u>
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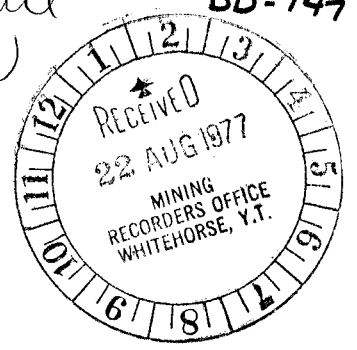
Core is located at the Cyprus Anvil Mine Site. NQ 0.0 537.4

BQ 537.4 850.1

Started: May 23 Completed: July 6

Cyrus Amell  
DY 185 (93118)  
105-K-3

DD-147



DDH 77 X 4

SUMMARY LOG

PLEASE NOTE ALL DISTANCES ARE IN METERS

<u>Metres</u>	
0.0 - 6.0	Overburden.
6.0 - 783.5	5B - Calcareous phyllite.
783.5 - 789.0	White Mica Envelope.
789.0 - 791.0	Pyrrhotitic Quartzite (Pb-Zn).
791.0 - 792.0	Massive sulphides (Pb-Zn).
792.0 - 795.6	Pyrrhotitic Quartzite + White Mica Envelope.
795.6 - 799.4	White Mica Envelope.
799.4 - 800.2	Massive banded sulphides (Pb-Zn).
800.2 - 800.7	White Mica Envelope.
800.7 - 801.3	5B - Calcareous phyllite.
801.3 - 801.6	Massive banded sulphides (Pb-Zn).
801.6 - 820.2	Calcareous and non-calcareous phyllite.
820.2 - 823.0	5A - Graphitic phyllite breccia - marker horizon
823.0 - 825.0	White Mica Envelope.
825.0 - 825.6	5A - Graphitic phyllite breccia - marker horizon
825.6 - 826.4	Calc-silicate and marble bands.
826.4 - 827.1	5A - Graphitic phyllite, breccia marker.
827.1 - 836.2	Calc-silicates and marble bands.
836.2 - 850.6	Quartz feldspar pegmatite.

END OF HOLE

DY 77-X-4Kamloops Research & Assay Lab.

Samp. No.	Ftg. - Metres		Width	Au	Cu-%	Pb-%	Zn-%	Ag gms/T	Ba	Comb. Pb/Zn	Avg.
	From	To									
2625				-	0.09	0.57	0.53	2.7	1.60	1.10	
2626				-	0.21	2.88	3.45	28.8	1.00	6.33	
2627				-	0.12	0.02	0.01	TR	0.30	0.03	
2628				-	0.18	2.37	5.92	41.8	1.60	8.29	

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 77X-05

Fabric Orientation Diagram:

Project: DY

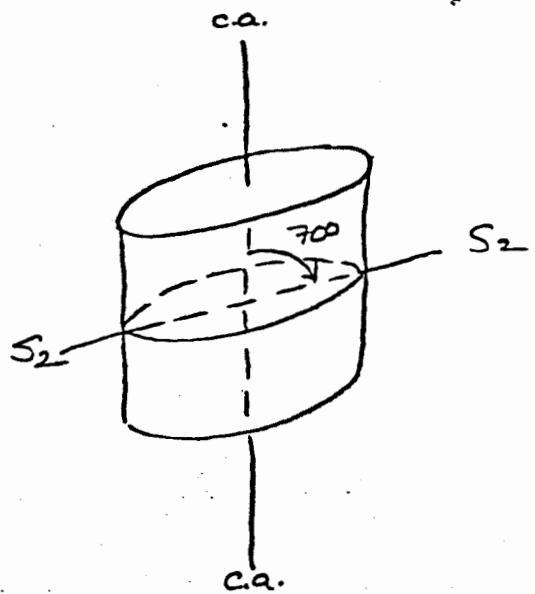
Location: Sheet F-6 Uargorda Plateau

Claim: DY 186 - Grant No. 93119

Terr. Plane Co-ords.: 22,6488723 N

318 686.3 E

KA Grid Co-ords.: L 124E, 20+00N



All symmetry determinations looking

W with S2 dipping

S with dip azimuth 185°.

Elevation: 1162.1 M (3812.9 ft.) MSL

Total Depth: 879.4 M.

Purpose: Define Extent of DY Deposit

Logged by: DSJ / DJH Date(s) Logged: \_\_\_\_\_

Drilling Contractor:	<u>Arctic</u>	Core:	Size	From	To	Collar Cased and Capped:	<u>No</u>
----------------------	---------------	-------	------	------	----	--------------------------	-----------

Core is located at the Cyprus Anvil Mine Site.

NQ 0.0 550.7

BQ 550.7 879.4

Started: JULY 6/77 Completed: AUG. 23/77

08/21/77

Cyprus Annual  
DY 186 (93119)

105-K-3

DD-147

SUMMARY LOG

DDH 77X - 05



PLEASE NOTE ALL DISTANCES ARE IN METERS

0	- 1.5	Overburden.
1.5	- 590.0	Calcareous phyllite with minor metabasite bands, and minor non calcareous graphitic phyllite.
590	- 594.3	Baritic sulphides and pyrite, minor PbZn.
594.3	- 595.2	Massive pyritic facies and barite.
595.2	- 598.3	Baritic facies and minor PbZn.
598.3	- 602.3	Pyritic quartzite, minor(PbZn)minor barite bands.
602.3	- 606.3	Baritic sulphides.
606.3	- 608.3	Pyritic quartzite and barite very minor PbZn.
608.3	- 614.4	Calcareous phyllite.
614.4	- 617.2	Pyritic quartzite(PbZn)
617.2	- 618.5	Baritic facies and PbZn.
618.5	- 619.1	Calcareous phyllite.
619.1	- 622.4	Ribbon banded graphitic quartzite.
622.4	- 624.1	Massive pyritic facies.
624.1	- 626.3	Ribbon banded graphitic quartzite.
626.3	- 627.8	Massive pyritic facies and PbZn.
627.8	- 635.5	Calcareous phyllite.
635.5	- 636.2	Massive pyrrhotitic facies.
636.2	- 636.7	Massive pyrite and PbZn.
636.7	- 640.5	Calcareous phyllite and graphite.
640.5	- 642.9	Pyritic quartzite and pyrrhotite.
642.9	- 647.0	Calcareous phyllite - siliceous
647.0	- 647.8	Pyritic quartzite very minor PbZn.
647.8	- 671.5	Calcareous phyllite
671.5	- 673.2	Massive pyritic facies.
673.2	- 673.6	Calcareous phyllite.
673.6	- 675.0	Massive pyrite and magnetite.
675.0	- 707.7	Calcareous phyllite.
707.7	- 709.0	Pyritic quartzite.
709.0	- 715.4	Baritic facies (PbZn).
715.4	- 716.0	Ribbon banded graphitic quartzite.
716.0	- 2434	Calcareous phyllite.

END OF HOLE.

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 52 dipping

Elevation: \_\_\_\_\_ 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	1100	1152	11	5D13	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	1240	15	5B10	as unit 3; broken & lost core w/ minor breccia 62.7 → 66.1 m, 84.4 → 87.0 m
L	1240	13162	16	5B12	weakly calc; w/ ~ 15% interbanded 5B0 & 5B6; upper ct gradational over 5 m.
L	13162	13172	17	0Q10	
L	13172	15100	18	5B12	as unit 6 w/ increasing graphite towards end of int; gouge @ 142.3 m; gouge & breccia 148.4 → 149.7 m
L	15100	15129	19	5G13	weakly graphitic; weakly calc; < 10% interbanded 5B0
L	15129	15166	110	5B12	as units 6, 8
L	15166	16131	111	5G13	as unit 9 w/ minor py rich bands // S <sub>2</sub>
L	16131	16183	112	5B10	as units 3, 5
L	16183	16193	113	5D13	sharp upper ct // S <sub>2</sub> ; lower ct. gradational over 0.5 m.
L	16193	17133	114	5B10	strongly calc.
L	17133	17167	115	5B10	strongly calc.; ~ 20% interbanded 5D3
L	17167	18166	116	5B10	as unit 14
L	18166	2008	117	5D13	w/ ~ 20% OQO & CO <sub>3</sub> pods; mod. calc.
L	2008	20122	118	5B10	→ 5B0?; weakly calc.; chl → musc.
L	20122	20151	119	5D13	as unit 17; w/ 0.2 m meta basite from 203.1 → 203.3 m
L	20151	20157	210	5B10	as unit 18
L	20157	20167	211	5D13	as units 17, 19
L	20167	20175	212	5B10	as units 18, 20; weakly → mod. calc.
L	20175	20194	213	5D13	as units 17, 19, 21
L	20194	21102	214	5B10	as units 18, 20, 22; note: are + these 5B7 units actually 5D w/ interbanded 5B.
L	21102	21119	215	5D13	weakly calc
L	21119	21155	216	5B10	as units 18, 20, 22, 24

## Lithologic Log

Core	From		To		Unit		Code	Description
	10	14	16	20	22	23		
L	12115	5	12123	6	217	5D13		mod. → strongly calc; ~10% 5C3 & ~10% 5B7 interbanded.
L	12123	6	12128	9	218	5C16		< 5% CO <sub>3</sub> <sup>2-</sup> ; light beige "speckled" texture.
L	12128	9	12131	0	219	5D16		non laminary banded metatuff
L	12131	0	12132	0	310	5D16		
L	12132	0	12142	5	311	5B10		as units 18, 20, 22, 24, 26; grad. cts over 0.5 m; mod. → strongly calc.
L	12142	5	12143	1	312	5D13		weakly → mod. calc;
L	12143	1	12145	0	313	5C16		as unit 28; cts grad. over 0.2 m
L	12145	0	12146	0	314	5D13		as unit 32
L	12146	0	12162	8	315	5B10		as units 18, 20, 22, 24, 26, 31; grad. cts. over ~1.0 m; mod. → strongly calc; ~10% interbanded 5D3
L	12162	8	13101	0	316	5B10		mod. → strongly calc; musc → chl.
L	13101	0	13101	2	317	5D13		
L	13101	2	13107	5	318	5B10		as unit 36
L	13107	5	13108	0	319	5D13		
L	13108	0	13118	0	410	5B10		as units 36, 38
L	13118	0	13149	8	411	5B10		~30% interbanded 5B0, 5B6 towards end of int.; strongly calc; chl > musc.
L	13149	8	13161	0	312	5B0		< 10% interbanded 5D3; ~20% interbanded 5B6; weakly → mod calc; musc →
L	13161	0	13161	5	413	5D13		weakly → mod. calc
L	13161	5	13167	1	414	5B10		as unit 42
L	13167	1	13168	0	415	5D13		
L	13168	0	13171	7	416	5B10		as unit 41
L	13171	7	13172	4	417	5D13		
L	13172	4	13198	4	418	5B10		as units 41 & 46; < 2% interbanded 5D3; mod → strongly calc; lower ct grad. over ~2 m
L	13198	4	14113	1	419	5B10		~30% interbanded 5B6; weakly calc; < 1% interbanded 5D3
L	14113	1	14113	6	510	5D16		
L	14113	6	14119	0	511	5B10		as unit 49
L	14119	0	14119	5	512	5D13		

## Lithologic Log

Code	From	To	Unit	Code	Description
1	10 14 16	20 22 23	25 27		
L	141195	141250	53	51810	as units 49, 51
L	141250	141270	54	51016	
L	141270	141299	55	51816	
L	141299	141306	56	51016	as unit 54
L	141306	141383	57	5130	as units 49, 51, 53
L	141383	141397	58	51013	weakly calc.
L	141397	141957	59	5130	minor interbanded 503 & 5073; mod. calc.
L	141957	150195	60	51018	50:50 interbanded 503 & 5030; mod. calc.
L	150195	151414	61	5130	strongly calc.
L	151414	151497	62	5130	→ 5002; incip. brecciated; minor tuff interlamination
L	151497	151513	63	4141	~20% siliceous frags to 3 cm dia.
L	151513	151515	64	51816	→ 50619; <5% py
L	151515	151528	65	4E7	→ 4E71; ~10% po mainly in Pb/Zn rich bands; ~10% sil. frags. & bands
L	151528	151532	66	51816	as unit 64
L	151532	151548	67	4E7	→ 4E71; as unit 65
L	151548	151571	68	4140	~20% interbanded po; white mica well developed.
L	151571	151577	69	4G7	~15% BaSO <sub>4</sub> ; ~10% po
L	151577	151582	70	4D7	<10% arg. + graph; good visible red-brown sph; → 4D75; ~20% po
L	151582	151588	71	51016	well dev. white mica alteration; note: looks like 4L w/o sdes.
L	151588	151603	72	4C7	~20% sdes; → 4C79
L	151603	151607	73	4140	~10% interbanded po.
L	151607	151617	74	4140	~20% interbanded 4C; 15-20% tot. sdes (mainly py, po)
L	151617	151637	75	4E6	→ 4E64; ~5% BaSO <sub>4</sub> ; sph. rich laminations.
L	151637	151641	76	4C0	breccia w/ minor sph. infillings
L	151641	151651	77	4A0	as unit 74
L	151651	151675	78	4C0	~50% total sdes (mainly py); 0.2 m breccia @ end of int.
L	151675	151679	79	4A0	as units 74 & 77



Code	From		To		Feature	SYM	S <sub>1</sub>		S <sub>2</sub>		Description
	10	14 16	20 22	24 26			28	Dip	Direct.	Dip	
S			15	5	C/S12			69	1815		S region 5.2 → 34.5 m
S			10	9	C/S12			81	1815		
S			16	5	C/S12			72	1815		
S			12	6	C/S12			67	1815		
S			12	3	C/S12			76	1815		
S			13	8	C/S12			78	1815		
S			13	5	F12E						Z region 34.5 → 36.4 m
S			13	7	C/S12			77	1815		
S			13	6	F123						S region 36.4 → 51.4 m
S			13	4	C/S12			81	1815		
S			14	9	C/S12			76	1815		
S			15	0	C/S12			71	1815		
S			15	4	F12E						Z region 51.4 → 53.3 m
S			15	2	C/S12			82	1815		
S			15	3	F123						S region 53.3 → 59.9 m
S			15	6	C/S12			90	1815		
S			15	9	F12E						Z region 59.9 → 63.3 m
S			16	2	C/S12			78	1815		
S			16	3	F123						S region 63.3 → 67.0 m
S			16	0	C/S12			86	1815		
S			16	7	F12E						Z region 67.0 → 74.6 m
S			16	9	C/S12			90	1815		
S			17	6	F123						S region 74.6 → 77.0 m
S			17	5	C/S12			69	1815		
S			17	7	F12E						Z region 77.0 → 81.3 m
S			18	0	C/S12			69	1815		
S			18	1	F123						S region 81.3 → 107.0 m
S			18	7	C/S12			74	1815		
S			19	0	C/S12			71	1815		
S			19	8	C/S12			65	1815		
S			10	3	C/S12			43	1815		
S			10	7	F12E						Z region 107.0 → 147.9 m
S			10	9	C/S12			82	1815		
S			11	4	C/S12			82	1815		
S			12	0	C/S12			83	1815		
S			12	5	C/S12			84	1815		

Code	From		To		Feature	S <sub>1</sub> Dip Direct.	S <sub>2</sub> Dip Direct.		Description			
	10	14	16	20			22	24		26	28	32
S			1131	7	CIS12			81	1815			
S			1137	5	CIS12			83	1815			
S			1143	5	CIS12			63	1815			
S			1147	9	FR23							S region 147.9 → 155.4 m
S			1151	0	CIS12			79	1815			
S			1155	4	FR2E							Z region 155.4 → 159.8 m
S			1156	4	CIS12			73	1815			
S			1159	8	FR23							S region 159.8 → 164.6 m
S			1161	9	CIS12			63	1815			
S			1164	6	FR2E							Z region 164.6 → 166.8 m
S			1166	7	CIS12			81	1815			
S			1166	8	FR23							S region 166.8 → 223.6 m
S			1167	6	CIS12			65	1815			
S			1173	3	CIS12			86	1815			
S			1178	9	CIS12			70	1815			
S			1184	3	CIS12			81	1815			
S			1190	1	CIS12			80	1815			
S			1195	8	CIS12			69	1815			
S			1201	8	CIS12			76	1815			
S			1207	1	CIS12			82	1815			
S			1211	2	CIS12			78	1815			
S			1218	6	CIS12			73	1815			
S			1223	6	FR2S							PS2 223.6 → 231.0 m
S			1224	2	PS12			78	1815			
S			1229	9	PS12			70	1815			
S			1231	0	FR2S							S region 231.0 → 235.4 m
S			1234	9	CIS12			74	1815			
S			1235	4	FR2S							S2 HORIZONTAL 235.4 → 240.9
S			1239	9	CIS12			90	1815			
S			1240	9	FR2S							S region 240.9 → 257.2 m
S			1243	0	CIS12			70	1815			
S			1249	0	CIS12			85	1815			
S			1252	8	CIS12			82	1815			
S			1257	2	FR2E							Z region 257.2 → 262.8 m
S			1258	6	CIS12			65	1815			
S			1262	8	FR23							S region 262.8 → 271.2 m

Code	From				To				Feature	S/E	S <sub>1</sub>		S <sub>2</sub>		Description
	10	14	16	20	22	24	26	28			32	34	Dip	Direct.	
S				1216	19	3		CIS12					713	1815	
S				1217	10	3		CIS12					615	1815	
S				1217	1	2		IF12	E						Z region 271.2 → 276.3 m
S				1217	14	9		CIS12					714	1815	
S				1217	6	3		IF12	3						S region 276.3 → 293.5 m
S				1218	1	0		CIS12					618	1815	
S				1218	16	9		CIS12					715	1815	
S				1219	2	6		CIS12					815	1815	
S				1219	3	5		IF12	E						Z region 293.5 → 302.4 m
S				1219	8	2		CIS12					910	1815	
S				1310	2	4		IF12	3						S region 302.4 - 334.7 m
S				1310	3	9		CIS12					813	1815	
S				1311	0	0		CIS12					910	1815	
S				1311	5	1		CIS12					717	1815	
S				1312	0	3		CIS12					813	1815	
S				1312	6	6		CIS12					718	1815	
S				1313	2	3		CIS12					819	1815	
S				1313	4	7		IF12	E						Z region 334.7 - 343.8 m
S				1313	8	4		CIS12					811	1815	
S				1314	3	8		IF12	3						S region 343.8 - 364.3 m
S				1314	6	0		CIS12					813	1815	
S				1314	9	1		CIS12					711	1815	
S				1315	5	3		CIS12					811	1815	
S				1316	1	5		CIS12					719	1815	
S				1316	4	3		IF12	E						Z region 364.3 - 372.2 m
S				1316	6	8		CIS12					815	1815	
S				1317	2	2		IF12	3						S region 372.2 - 374.7 m
S				1317	2	3		CIS12					819	1815	
S				1317	4	7		IF12	E						Z region 374.7 - 379.9 m
S				1317	7	9		CIS12					815	1815	
S				1317	9	9		IF12	3						S region 379.9 - 412.8 m
S				1318	3	5		CIS12					810	1815	
S				1318	9	2		CIS12					813	1815	
S				1319	4	4		CIS12					713	1815	
S				1410	0	7		CIS12					717	1815	
S				1410	7	0		CIS12					711	1815	

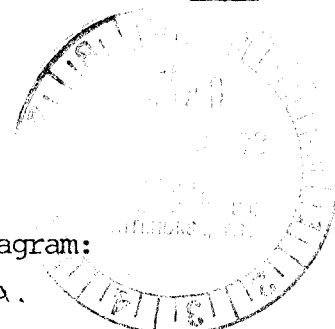
Code	From		To		Feature	Sym	S <sub>1</sub> Dip Direct.		S <sub>2</sub> Dip Direct.		Description
	10	14 16	20 22 24 26 28	32 34 38							
S			41123		CIS12				81	185	
S			41128		F12E						7 region 412.8 - 421.9 m
S			41172		CIS12				7A	185	
S			41219		F123						5 region 421.9 - 424.7 m
S			41239		CIS12				73	185	
S			41247		F12E						7 region 424.7 - 431.6 m
S			41289		CIS12				81	185	
S			41316		F123						5 region 431.6 - 441.2 m
S			41347		CIS12				70	185	
S			41405		CIS12				78	185	
S			41412		F12E						7 region 441.2 - 446.0 m
S			41459		CIS12				90	185	
S			41460		F123						5 region 446.0 - 461.5 m
S			41518		CIS12				68	185	
S			41545		CIS12				85	185	
S			41615		F12E						7 region 461.5 - 464.3 m
S			41631		CIS12				78	185	
S			41643		F123						5 region 464.3 - 507.3 m
S			41710		CIS12				78	185	
S			41772		CIS12				90	185	
S			41827		CIS12				80	185	
S			41884		CIS12				8A	185	
S			41943		CIS12				71	185	
S			510100		CIS12				76	185	
S			51059		CIS12				81	185	
S			51073		F12E						7 region 507.3 - 514.6 m
S			51121		CIS12				73	185	
S			51146		F123						5 region 514.6 - 528.2 m
S			51170		CIS12				79	185	
S			512165		CIS12				7A	185	
S			51282		F12S						Breccia 528.2 → 532.8 m
S			513128		F12S						5 sym 532.8 → 541.5 m
S			513129		CIS12				72	185	
S			513181		CIS12				68	185	
S			51415		F12S						Breccia 541.5 → 549.7 m. (no sym - post D <sub>2</sub> breccia)





CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG



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

Fabric Orientation Diagram:

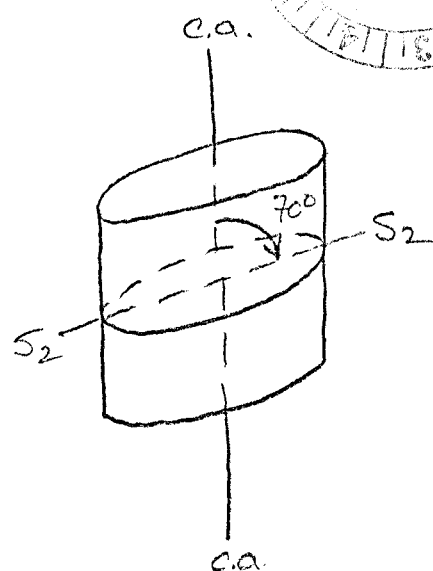
Project: Dy.

Location: Orthophoto F-6

Claim: DY 144

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

Grid  
Co-ords.: KA 4148/12N



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

Started: Nov. 1/77 Completed: incomplete March 21st, 1978

SUMMARY LOGDY 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.

SUMMARY LOG  
DY 77-X-11

-2-

<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.

SUMMARY LOG  
 DY 77-X-11

-3-

<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 <sub>2</sub> 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.

SUMMARY LOG  
DY 77-X-11

-4-

<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 SUMMARYDDH 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			



ASSAY SUMMARYDDH 77-X-11

(DY 144 - Y4359)

Sample No.	Ftg. - Metres		Int. Metres	Ag Gm/MT	Pb	Zn	Cu	Comb. Pb/Zn	Est. %	Pb/Zn
	From	To								
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 SUMMARYDDH 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

~~091212~~  
091212

1978-1

Hole Number: 78-X-02

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

Project: DY

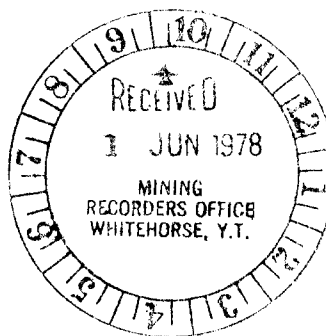
Location: Vangorda Plateau

Claim: DY 43

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

\_\_\_\_\_ E

Grid  
Co-ords.: 22+50N 1978 DY metric grid.



All symmetry determinations looking

18+00E \_\_\_\_\_ with \_\_\_\_\_ dipping

Elevation: 1,090 m \_\_\_\_\_ with dip azimuth \_\_\_\_\_.

Total Depth: 807.7 m

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>1191'</u>	_____
		<u>BQ</u>	<u>1191</u>	<u>1257</u>	_____
					_____

Started: March 20, 1978 Completed: March 31, 1978

SUMMARY LOGDDH 78-X-02

<u>Metres</u>			
0.0 -	3.6		Overburden.
3.6 -	266.3	5B	Calcareous muscovite chlorite $\pm$ biotite phyllite.
266.3 -	272.7	5B/5D	Interbanded calcareous muscovite chlorite $\pm$ biotite phyllite and laminarly banded, variably calcareous, chloritic phyllite.
272.7 -	314.8	5B	Calcareous muscovite chlorite $\pm$ biotite phyllite.
314.8 -	320.0	5D	Laminarly banded, variably calcareous, chloritic phyllite.
320.0 -	327.0	5B	Calcareous muscovite chlorite $\pm$ biotite phyllite.
327.0 -	358.7	5D	Laminarly banded, variably calcareous, chloritic phyllite.
358.7 -	381.6	5B	Calcareous muscovite chlorite $\pm$ biotite phyllite.
381.6 -	413.2	11C	Quartz monzonite pegmatite dikes.
413.2 -	507.3	5B	Calcareous muscovite chlorite $\pm$ biotite phyllite.
507.3 -	508.7	5A	Variably calcareous, graphitic phyllite.
508.7 -	515.6	4	Sulphides.
515.6 -	516.4	5A	Variably calcareous, graphitic phyllite.
516.4 -	526.8	5D	Laminarly banded, variably calcareous, chloritic phyllite.
526.8 -	543.1	5B	Calcareous muscovite chlorite $\pm$ biotite phyllite.
543.1 -	562.3	5D	Laminarly banded, variably calcareous, chloritic phyllite.
562.3 -	579.0	5B	Calcareous muscovite chlorite $\pm$ biotite phyllite.
579.0 -	580.9	5A	Variably calcareous, graphitic phyllite.
580.9 -	581.6	4	Sulphides.
581.6 -	585.6	5D	Laminarly banded, variably calcareous, chloritic phyllite.
585.6 -	589.9	4	Sulphides.

SUMMARY LOG  
DDH 78-X-02

-2-

589.9 - 591.7	5A	Variably calcareous, graphitic phyllite.
591.7 - 598.6	4	Sulphides.
598.6 - 599.8	5D	Laminarly banded, variably calcareous, chloritic phyllite.
599.8 - 606.5	5A	Variably calcareous, graphitic phyllite.
606.5 - 611.8	5D	Laminarly banded, variably calcareous, chloritic phyllite.
611.8 - 612.7	5A	Variably calcareous, graphitic phyllite.
612.7 - 614.0	5B	Calcareous muscovite chlorite $\pm$ biotite phyllite.
614.0 - 615.9	5A	Variably calcareous, graphitic phyllite.
615.9 - 617.6	4	Sulphides.
617.6 - 621.8	5B	Calcareous muscovite chlorite $\pm$ biotite phyllite.
621.8 - 622.2	5A	Variably calcareous, graphitic phyllite.
622.2 - 626.9	4	Sulphides.
626.9 - 632.6	5B	Calcareous muscovite chlorite $\pm$ biotite phyllite.
632.6 - 636.8	4	Sulphides.
636.8 - 638.5	5B	Calcareous muscovite chlorite $\pm$ biotite phyllite.
638.5 - 655.1	4	Sulphides.
655.1 - 662.9	5A	Variably calcareous, graphitic phyllite.
662.9 - 664.4	5D	Laminarly banded, variably calcareous, chloritic phyllite.
664.4 - 674.3	5A	Variably calcareous, graphitic phyllite.
674.3 - 705.9	4	Sulphides.
705.9 - 709.7	5D	Laminarly banded, variably calcareous, chloritic phyllite.
709.7 - 718.1	5B	Calcareous muscovite chlorite $\pm$ biotite phyllite.
718.1 - 743.2	3G	Non-calcareous, muscovite-chlorite $\pm$ biotite phyllite/schist, undifferentiated.
743.2 - 752.8	3D	Calc-silicate phyllite/schist.

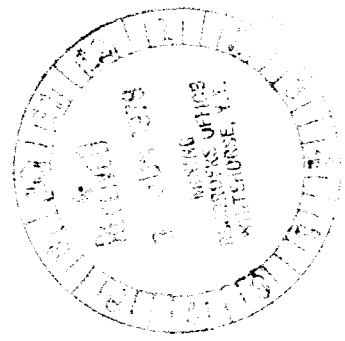
752.8 - 757.7	3G	Non-calcareous, muscovite-chlorite $\pm$ biotite phyllite schist, undifferentiated.
757.7 - 762.2	3D	Calc-silicate phyllite/schist.
762.2 - 764.1	4	Sulphides.
764.1 - 797.6	3D	Calc-silicate phyllite/schist.
797.6 - 800.0	3F	Marble and silicated marble.
800.0 - 805.0	4	Sulphides.
805.0 - 807.7	3G	Non-calcareous, muscovite-chlorite $\pm$ biotite phyllite/schist, undifferentiated.

END OF HOLE

GEOCHEMICAL LOG

Kamloops Research & Assay Lab.

From	To	Int.	Sample No.	Ag GMS/MT	Pb %	Zn %	Pb+Zn %	S.G.	Cu %	BaSo <sub>4</sub> % <sup>+</sup>	Au GMS/MT	Fe (Sol)%	Fe (Insol)%	Hg %
581.0	581.6	0.6	2580	128.0	5.08	12.07	17.15		0.02					
585.6	586.9	1.3	2581	49.2	2.50	6.39	8.89		0.02					
586.9	588.9	2.0	2582	47.0	2.83	5.56	8.39		0.02					
588.9	589.9	1.0	2583	0.4	0.07	0.11			0.01					
589.9	591.7	1.8	2584	53.9	3.11	5.86	8.97		0.02					
591.7	593.7	2.0	2585	22.1	1.78	4.11	5.89		0.04					
593.7	595.7	2.0	2586	11.6	2.17	4.45	6.62		0.03					
595.7	597.6	1.9	2587	13.9	2.19	3.86	6.05		0.03					
597.6	598.6	1.0	2588	3.3	0.42	0.93			0.03					
640.5	642.5	2.0	2595	37.4	2.14	1.49			0.05					
642.5	644.0	1.5	2596	15.6	0.69	0.78			0.05					
644.0	646.0	2.0	2597	22.5	0.40	0.71			0.12					
646.0	648.0	2.0	2598	16.5	0.88	1.79			0.16					
648.0	650.0	2.0	2599	1.6	0.17	0.25			0.06					
650.0	652.0	2.0	2600	3.0	0.27	0.52			0.06					
652.0	653.0	1.0	2701	6.6	0.45	0.36			0.09					
653.0	654.0	1.0	2702	53.4	3.65	3.14	6.79		0.05					
654.0	655.1	1.1	2703	47.6	2.47	5.82	8.29		0.02					
674.3	676.3	2.0	2704	68.9	5.77	4.39	10.16		0.05					
676.3	678.3	2.0	2705	74.7	6.22	4.20	10.42		0.10					
678.3	680.3	2.0	2706	64.3	4.16	4.35	8.51		0.18					
680.3	682.3	2.0	2707	55.0	3.34	2.18	5.52		0.16					
682.3	684.3	2.0	2708	31.0	1.00	2.32			0.26					
684.3	686.3	2.0	2709	79.2	3.00	6.07	9.07		0.17					
686.3	687.6	1.3	2710	98.3	4.57	8.72	13.29		0.07					
687.6	688.6	1.0	2711	28.0	1.89	2.96			0.08					
688.6	690.5	1.9	2712	47.7	2.14	4.34	6.48		0.16					
690.5	692.5	2.0	2713	82.0	4.50	8.11	12.61		0.06					
692.5	694.5	2.0	2714	58.2	3.81	6.07	9.88		0.03					
694.5	696.5	2.0	2715	25.1	1.92	2.25			0.03					
696.5	697.5	1.0	2716	22.2	1.68	2.82			0.02					
697.5	698.9	1.4	2717	36.1	2.22	4.28	6.50		0.01					

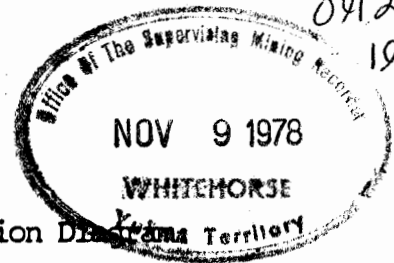


DY 78-X-02GEOCHEMICAL LOG

<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>BaSo<sub>4</sub> %<sup>4</sup></u>	<u>Au GMS/MT</u>	<u>Fe (Sol)%</u>	<u>Fe (Insol)%</u>	<u>Hg %</u>
698.9	700.9	2.0	2718	65.5	3.92	6.14	10.06		0.06					
700.9	702.2	1.3	2719	60.7	3.34	5.83	9.17		0.03					
703.9	705.4	1.5	2720	69.5	3.87	6.41	10.28		0.09					

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG



Hole Number: 78-X-06

Fabric Orientation Diagonal

Project: DY

Location: Vangorda Plateau

Claim: DY 41, 85922

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

\_\_\_\_\_ E

Grid Co-ords.: 22+50N 21+00E

Inclination: Vertical

All symmetry determinations looking NW with S2 dipping

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

SW with dip azimuth 185

Total Depth: 614.8 m 2,017'

Purpose: Define sulphide zone.

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>614.8 m</u>	<u>No</u>

Started: May 23/78 Completed: June 5/78

SUMMARY LOGDDH 78-X-06

<u>Metres</u>		
0.0 - 28.0		Overburden.
28.0 - 56.3	5B6/7	40% interbanded carbonaceous, non-calcareous muscovite-chlorite $\pm$ biotite phyllite from 28.0-38.0 m; very minor dirty green tuffaceous laminations.
56.3 - 100.7	5B0	Light grey-green, moderately to strongly calcareous muscovite-chlorite $\pm$ biotite phyllite; 50% interbanded non-calcareous muscovite-chlorite $\pm$ biotite phyllite from 56.3-60.0 m - gradational contact.
100.7 - 101.0	5D3	Dirty green, calcareous, laminarly banded, chloritic phyllite.
101.0 - 109.7	5B0	Calcareous phyllite.
109.7 - 111.5	5D3	Laminarly banded tuffaceous phyllite.
111.5 - 160.0	5B6	Interbanded calcareous and non-calcareous phyllite.
160.0 - 168.2	5BD	Interbanded calcareous phyllite and tuffaceous phyllite.
168.2 - 171.4	5B0	Calcareous phyllite.
171.4 - 177.4	5B6	Interbanded calcareous and non-calcareous phyllite.
177.4 - 189.6	5B0	Calcareous phyllite with approximately 30% interbanded non-calcareous phyllite.
189.6 - 232.0	5B6	Interbanded calcareous and non-calcareous phyllite with 10% quartz "sweats" (most appear subparallel $S_2$ ).
232.0 - 245.7	5B0	Calcareous phyllite.
245.7 - 246.1	5D3	Laminarly banded tuffaceous phyllite.
246.1 - 281.3	5B7/3	Calcareous tuffaceous phyllite.
281.3 - 285.5	5D3	Laminarly banded tuffaceous phyllite with 10% interbanded tuffaceous phyllite.
285.5 - 299.8	5B7/3	Calcareous tuffaceous phyllite.
299.8 - 304.6	5D0	Laminarly banded, variably calcareous, chloritic phyllite; gradational upper contact and faulted lower contact.

SUMMARY LOG  
 DDH 78-X-06

-2-

304.6 - 308.9	5B7/3	Calcareous tuffaceous phyllite; incipient brecciation.
308.9 - 309.9	5D3	Laminarly banded tuffaceous phyllite; FeMgCo <sub>3</sub> bearing?
309.9 - 319.3	5B7/3	Strongly calcareous, tuffaceous phyllite with marble bands 2 cm wide.
319.3 - 320.4	5D3	Laminarly banded tuffaceous phyllite.
320.4 - 323.6	5B7/3	Strongly calcareous, tuffaceous phyllite with marble bands 2 cm wide.
323.6 - 331.0	5D3	Laminarly banded tuffaceous phyllite.
331.0 - 335.1	5BD	70/30 interbanded calcareous tuffaceous phyllite and laminarly banded tuffaceous phyllite.
335.1 - 338.1	5B7/3	Moderately calcareous tuffaceous phyllite.
338.1 - 341.3	5D3	Laminarly banded tuffaceous phyllite.
341.3 - 381.1	5B7/3	Moderately calcareous tuffaceous phyllite; minor laminarly banded tuffaceous phyllite.
381.1 - 387.1	5BD	70/30 interbanded calcareous, tuffaceous phyllite and laminarly banded tuffaceous phyllite.
387.1 - 427.2	5B7/3	Calcareous tuffaceous phyllite; minor carbonaceous calcareous phyllite interbanded over top 8 m and bottom 1 m of interval; no distinctive tuffaceous laminations or bands but more chloritic and "grainy" than normal.
427.2 - 431.4	5D3	Laminarly banded tuffaceous phyllite.
431.4 - 434.9	5B7/3	Similar to 387.1 - 427.2 but contains distinctive tuffaceous laminations and thin bands.
434.9 - 436.7	5D3	Laminarly banded tuffaceous phyllite.
436.7 - 446.5	5B7/3	As 387.1 - 427.2; becoming less tuffaceous, more carbonaceous towards end of interval.
446.5 - 449.1	5D3	Laminarly banded tuffaceous phyllite.
449.1 - 454.8	5B0	Calcareous phyllite.
454.8 - 456.8	5D3	Laminarly banded tuffaceous phyllite.
456.8 - 460.6	5B0	Strongly calcareous phyllite.
460.6 - 462.7	5D3	Laminarly banded tuffaceous phyllite.

SUMMARY LOG  
 DDH 78-X-06

-3-

462.7 - 470.6	5B0	Strongly calcareous phyllite; carbonaceous interlamination.
470.6 - 472.0	5D3	Laminarily banded tuffaceous phyllite.
472.0 - 481.5	5BD	80/20 calcareous phyllite and laminarily banded tuffaceous phyllite with minor S <sub>2</sub> foliation - pyrrhotite in tuffaceous phyllitic bands.
481.5 - 484.7	5A1	Siliceous, slightly calcareous graphitic phyllite; <10% interbanded carbonaceous, calcareous phyllite; minor S <sub>1</sub> foliaform pyrrhotite; sphalerite and/or galena bearing, pyrrhotitic, sulphide bands approximately parallel S <sub>2</sub> from 484.23-484.30, 484.53-484.58.
484.7 - 485.2	5D3	Laminarily banded tuffaceous phyllite.
485.2 - 485.7	5A1	Siliceous, slightly calcareous graphitic phyllite; sphalerite and/or galena bearing, pyrrhotitic sulphides at start of interval, band approximately parallel S <sub>2</sub> from 485.58-485.70.
485.7 - 495.4	5B6	Interbanded calcareous and non-calcareous phyllite.
495.4 - 495.9	4E0	Massive pyritic sulphides.
495.9 - 498.2	4A0	Sulphide-bearing, ribbon-banded graphitic phyllite.
498.2 - 498.4	0D0	Quartz diorite porphyry dyke; lower contact parallel S <sub>2</sub> ; aphanitic chilled short from main dyke.
498.4 - 502.7	5B6	Interbanded calcareous and non-calcareous phyllite; gouge and brecciation 500.3-502.0.
502.7 - 512.0	0D0	Quartz diorite porphyry dyke; approximately 10% fine-grained mafics; porphyritic in chilled margin to 503.9.
512.0 - 519.6	0F6	Leucocratic quartz feldspar porphyry with minor large potash feldspar phenocrysts.
519.6 - 541.0	0D0	Quartz diorite porphyry dyke; chilled margin from 540.5.
541.0 - 548.8	5A1	Siliceous, slightly calcareous graphitic phyllite, incipient brecciation with minor gouge zones - 547.9-548.8.
548.8 - 562.3	3D1	Siliceous, weakly calcareous, calc-silicate phyllite; brecciated.

SUMMARY LOG  
DDH 78-X-06

-4-

562.3 - 594.7	3D4	Calc-silicate staurolite schist.
594.7 - 614.8	3G0	Biotite staurolite schist; minor calc-silicates.

END OF HOLE

091218

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 78-X-10

Fabric Orientation Diagram:

Project: Dy

Location: Vangorda Plateau

Claim: DY 45

Terr. Plane Co-ords.: 6,901,383.13 N

597,334.52 E

Grid Co-ords.: L 15+00 E

25+50 N

Elevation: 1,106.32



All symmetry determinations looking

NW with 52 dipping

SW with dip azimuth 185.

Total Depth: 705.0 m

Purpose: Define Dy Sulfide Horizon

Logged by: DJH

Date(s) Logged: July 78

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

<u>NQ</u>	<u>0</u>	<u>705.0</u>
<u>-</u>	<u>-</u>	<u>-</u>
<u>-</u>	<u>-</u>	<u>-</u>

Started: July 10/78 Completed: July 27/78

Lithologic Log

Logged By: DTH  
July 24

Code	From	To	Unit	Code	Description
1	10 14 16	20 22 23 25 27			
L	11100	11137	11	1#	o/B
L	11137	11250	12	1#	triconed - no core
L	11250	11258	13	5D13	
L	11258	11431	14	5B10	fault @ 41.8 m - 18° to c.A.
L	11431	11446	15	5D13	
L	11446	11468	16	5C13	well foliated, light grey green metabasite; probable metavolc. w/ marginal metatuffs; pinkish kaolinite? speckles
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 c.
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	11046	21	5C16	similar to unit 19; no relict igneous texture
L	11046	11137	22	5C16	as unit 20
L	11137	11150	23	5C13	as unit 21
L	11150	11155	24	5D16	
L	11155	11210	25	5B17	→ 5B73 (Fe Mg CO <sub>3</sub> <sup>=</sup> )
L	11210	11218	26	5D13	(Fe, Mg CO <sub>3</sub> <sup>=</sup> )
L	11218	11278	27	5B10	10% Fe, Mg CO <sub>3</sub> <sup>=</sup> bearing
L	11278	11282	28	5D13	

Lithologic Log

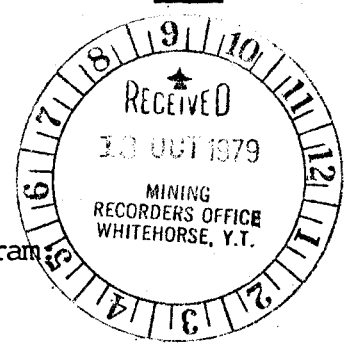
Logged By: DJH  
July 24

Code	From	To	Unit	Code	Description
1	10 14 16	20 22 23 25 27			
L	112182	112197	219	51B17	→ 5B73 (Fe, Mg CO <sub>3</sub> <sup>=</sup> )
L	112197	113138	30	51D13	Fe, Mg CO <sub>3</sub> <sup>=</sup> bearing w/ minor CaCO <sub>3</sub>
L	113138	113184	31	51B17	→ 5B73 (Fe, Mg CO <sub>3</sub> <sup>=</sup> )
L	113184	114114	312	51B16	fault zone w/ bxia & gouge; lower ct @
	1111	1111	1	11	38/185; no upper ct attitude obtainable
L	114114	116144	4313	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	51B0	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	131328	412	51B10	
L	131328	131350	413	51D6	bxia & gouge mainly; minor 5B6 (15-20%)
	1111	1111	1	11	interbanded; upper ct @ 30° to c.A;
	1111	1111	1	11	no lower ct obtainable.
L	131350	131317	414	51B17	→ 5B76; fault zone? w/ broken core,
	1111	1111	1	11	gouge & irregularly steep 52
L	131317	131398	415	51B17	→ 5B76
L	131398	131551	416	51B17	→ 5B73
L	131551	131560	417	51D13	
L	131560	131695	418	51B10	
L	131695	131794	419	51D13	
L	131794	131910	510	51B17	→ 5B73
L	131910	141034	511	51D13	
L	141034	141084	512	51B17	→ 5B73
L	141084	142444	513	51D3	w/ 20% interbanded 5B73.
L	142444	142172	514	51B7	→ 5B73
L	142172	143377	515	51B2	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	610	51B10	
L	141813	141815	611	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 151220	6 15	51B10	fault @ 509.7m - 20° to C.A. in direction 185°; fault @ 509.1m - 15/185°
L	151220	0 151227	6 16	51B10	fault gouge & bxia; appears to be subll S2
L	151227	7 151316	9 617	51B10	
L	151316	9 151374	6 18	51G10	50:50 interbanded 5D3
L	151374	4 151410	8 619	51B10	<10% interbanded 5D3
L	151410	8 151417	7 10	51B17	→ 5B73; w/10% interbanded 5D3; incip bxiat'n
L	151417	7 151471	7 11	51B16	incip bxiat'n
L	151471	1 151492	7 12	51A10	bxia & gouge; minor pyritic frags.
L	151492	2 151510	8 713	51D16	minor bxia
L	151510	8 151519	3 714	51A10	fault zone? - bxia, gouge & abnormally 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% 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 0.5m of 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 bxiat'd w/ gouge zones 593.0-593.3m and 593.8-594.2 (20° to C.A. @ 593.8m) (25° to C.A. @ 593.3 m)
L	151916	2 151919	5 816	51D16	
L	151919	5 161011	3 817	51D16	? strongly bxiat'd w/ 5D6 frags in a dark grey clayey matrix; no upper ct.; lower



CYPRUS ANVIL MINING CORPORATION  
DIAMOND DRILL CORE LOG



Hole Number: 79-BC-03

Project: Anvil

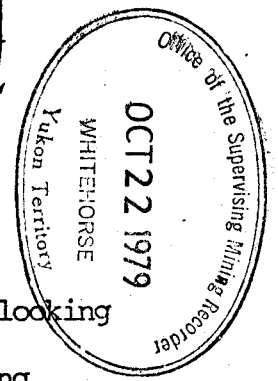
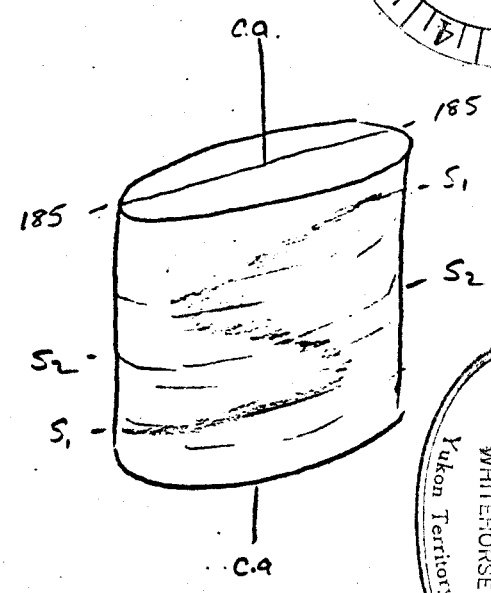
Location: F/G-6

Claim: DY 166

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

Grid Co-ords.: L 184E 7+00S

Fabric Orientation Diagram



Inclination: \_\_\_\_\_

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

Total Depth: 758.0 metres

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

Purpose: Test 5A/3E horizons on upper limb of Swim F<sub>1</sub>

Logged by: D. S. Jennings Date(s) Logged: Sept. 21-23/79

Drilling Contractor:	Core:	Size	From	To	Collar Cased and Capped:
<u>Arctic Diamond Drilling</u>	<u>NO</u>	<u>0</u>	<u>475</u>		
	<u>BQ</u>	<u>475</u>	<u>758.0</u>		

Started: August 27/79 Completed: Sept. 22/79

SUMMARY LOG  
DDH 79-BC-03

Metres

0.0 - 48.0		Overburden
48.0 - 114.8	5B0	Calcareous, muscovite-chlorite phyllite.
114.8 - 118.5	5AE	Interbanded graphitic phyllite and carbonaceous phyllitic marble.
118.5 - 136.3	5DC	Interleaved calcareous mafic metatuffs and metabasites.
136.3 - 140.0	5AD	Interleaved graphitic phyllites and calcareous, mafic metatuffs.
140.0 - 143.4	5AO	Graphitic phyllite.
143.4 - 173.9	5DBE	Interbanded calcareous metatuffs, calcareous and non-calcareous muscovite-chlorite phyllites and phyllitic marbles.
173.9 - 179.1	5AO	Graphitic phyllite.
179.1 - 258.9	3GF	Non-calcareous, thinly bedded, greenish grey muscovite-chlorite phyllites with minor intercalated mafic metatuffs.
258.9 - 296.8	3FO	Calcitic marbles and phyllitic marbles.
296.8 - 445.9	3GF	As above with 3D8 probable pelite-carbonate bands.
445.9 - 463.4	3GF	As above with progressive development of coarse biotite porphyroblasts downhole.
463.4 - 586.7	3GO	Biotite-muscovite ± andalusite ± staurolite schists with minor 3D8 calc-silicate interbands representing pelite-carbonate admixtures.
586.7 - 591.6	3FO	Finely to medium crystalline calcitic marbles.
591.6 - 608.1	3D5	Calc-silicates and silicated marbles.
608.1 - 610.4	3FO	Calcitic marbles as above.
610.4 - 634.0	3GO	Biotite-muscovite-andalusite schists showing staurolite to andalusite breakdown reaction.

Summary Log  
DDH 79-BC-03

Metres

634.0 - 658.8	3D5	As above
658.8 - 672.1	3FO	As above
672.1 - 678.2	3GO	Biotite-muscovite-andalusite schists.
678.2 - 758.0	3D3	Calcareous calc-silicates of Mt. Mye Formation.

END OF HOLE



091212

DIAMOND DRILL CORE LOG

Hole Number: 79-X-01

Fabric Orientation Diagram:

Project: DY

1070-7

Location: Vangorda Plateau

Claim: DY 184

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

\_\_\_\_\_ E

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

Inclination: Vertical

All symmetry determinations looking

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

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

SW with dip azimuth 185.

Total Depth: 772.3m

Purpose: DY fill-in section 15+00

Logged by: B. V. Hall  
D. J. Hanson

Date(s) Logged: April 11 -

Drilling Contractor:	_____	Core:	Size	From	To	Collar Cased and Capped:	_____
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NO \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Started: March 27/79 Completed: April 26/79

SUMMARY LOGDDH 79-X-01

<u>Metres</u>		
0.0 - 5.4		Overburden.
5.4 - 507.8	5B0	Calcareous muscovite-chlorite <sup>+</sup> biotite phyllite.
507.8 - 509.8	5A7	Tuffaceous, variably calcareous, graphitic phyllite.
509.8 - 517.0	4K0	Carbonate-bearing, massive pyritic sulphides.
517.0 - 518.7	4E0	Massive pyritic sulphides.
518.7 - 524.3	4C0	Base metal-poor, pyritic quartzite.
524.3 - 525.7	4K0	Carbonate-bearing, massive pyritic sulphides.
525.7 - 528.1	4L0	Sulphide-bearing, siliceous to tuffaceous exhalite.
528.1 - 528.8	4EK	Interbanded massive pyritic sulphides and carbonate-bearing, massive pyritic sulphides.
528.8 - 530.4	4A0	Sulphide-bearing, ribbon-banded, graphitic quartzite.
530.4 - 532.3	5A0	Variably calcareous, graphitic phyllite.
532.3 - 532.9	4A0	Sulphide-bearing, ribbon-banded, graphitic quartzite.
532.9 - 535.0	4K0	Carbonate-bearing, massive pyritic sulphides.
535.0 - 536.0	4A0	Sulphide-bearing, ribbon-banded, graphitic quartzite.
536.0 - 536.7	4K0	Carbonate-bearing, massive pyritic sulphides.
536.7 - 538.0	4L0	Sulphide-bearing, siliceous to tuffaceous exhalite.
538.0 - 540.3	4K0	Carbonate-bearing, massive pyritic sulphides.
540.3 - 554.5	4L0	Sulphide-bearing, siliceous to tuffaceous exhalite.
554.5 - 561.6	4A0	Sulphide-bearing, ribbon-banded, graphitic quartzite.
561.6 - 650.9	5B0	Carbonaceous muscovite-chlorite <sup>+</sup> biotite phyllite.
650.9 - 662.7	4A0	Sulphide-bearing, ribbon-banded, graphitic quartzite.
662.7 - 681.3	5A0	Variably calcareous, graphitic phyllite.
681.3 - 682.0	4C0	Base metal-poor, pyritic quartzite.
682.0 - 683.5	4G0	Baritic facies, massive sulphides, sulphates.
683.5 - 684.0	4L7	Sulphide-bearing, pyrrhotitic, siliceous to tuffaceous exhalite.
684.0 - 686.0	5A0	Variably calcareous, graphitic phyllite.

SUMMARY LOG  
DDH 78-X-01

<u>Metres</u>		
686.0 - 721.9	5B0	Calcareous muscovite-chlorite <sup>+</sup> - biotite phyllite.
721.9 - 726.2	5A0	Variably calcareous, graphitic phyllite.
726.2 - 741.4	5B/D	Interbanded calcareous muscovite-chlorite <sup>+</sup> - biotite phyllite and chloritic phyllite.
741.4 - 757.6	5A0	Marker Horizon. Variably calcareous, graphitic phyllite.
757.6 - 772.3	3G0	Non-calcareous, muscovite-chlorite <sup>+</sup> - biotite phyllite, undifferentiated.

END OF HOLE

## CYPRUS ANVIL MINING CORPORATION

Page 1 of 2

Kamloops Research &amp; Assay Lab.

DY 79-X-01

GEOCHEMICAL LOG

<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>BaO %</u>	<u>Au GMS/MT</u>	<u>Po %</u>	<u>Py %</u>	<u>Hg %</u>
509.8	511.4	1.6	0007	5.0	0.06	0.02			0.36					
511.4	512.9	1.5	0008	6.5	0.22	0.10			0.26					
512.9	514.9	2.0	0009	7.0	0.38	0.14			0.13					
514.9	517.0	2.1	0010	4.0	0.09	0.02			0.10					
517.0	518.7	1.7	0011	5.0	0.48	0.15			0.02					
518.7	520.7	2.0	0012	18.0	0.79	0.46			0.35					
520.7	522.7	2.0	0013	11.0	0.52	0.23			0.31					
522.7	524.3	1.6	0014	5.0	0.14	0.06			0.24					
524.3	525.7	1.4	0015	3.5	0.10	0.04			0.13					
525.7	526.7	1.0	0016	4.0	0.12	0.08			0.02					
526.7	528.1	1.4	0017	6.0	0.11	0.04			0.02					
528.1	528.8	0.7	0018	4.0	0.09	0.02			0.01					
528.8	530.4	1.6	0019	TR	0.02	0.02			0.08					
532.3	532.9	0.6	0020	TR	0.01	0.01			0.04					
532.9	535.0	2.1	0021	6.0	0.11	0.05			0.02					
535.0	536.0	1.0	0022	TR	0.02	0.01			0.01					
536.0	536.7	0.7	0023	8.0	0.12	0.06			0.02					
536.7	538.0	1.3	0024	TR	0.04	0.02			0.01					
538.0	540.3	2.3	0025	3.0	0.07	0.04			0.12					
545.4	546.0	0.6	0026	4.0	0.08	0.04			0.29					
547.3	549.2	1.9	0027	2.5	0.13	0.06			0.15					
549.2	550.1	0.9	0028	27.0	2.07	1.88	3.95		0.39					
554.5	556.5	2.0	0029	39.0	2.20	3.19	5.39		0.08					
556.5	558.5	2.0	0030	23.0	1.30	3.32	4.62		0.06					
558.5	560.5	2.0	0031	30.0	2.02	3.81	5.83		0.07					
560.5	561.6	1.1	0032	32.0	2.16	5.27	7.53		0.11					

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DY 79-X-01

GEOCHEMICAL LOG

Page 2 of 2

<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>BaO %</u>	<u>Au GMS/MT</u>	<u>Po %</u>	<u>Py %</u>	<u>Hg %</u>
650.9	652.9	2.0	0033	49.0	2.45	4.95	7.40		0.05					
652.9	654.9	2.0	0034	34.0	1.93	4.45	6.38		0.02					
654.9	656.9	2.0	0035	27.5	1.65	3.65	5.30		0.02					
656.9	658.9	2.0	0036	26.0	1.61	3.13	4.74		0.03					
658.9	660.9	2.0	0037	25.0	1.40	2.07	3.47		0.03					
660.9	662.7	1.8	0038	21.0	0.98	2.22	3.20		0.04					
681.3	682.6	1.3	0039	27.0	2.01	3.65	5.66		0.03					
682.6	683.5	1.5	0040	40.0	2.05	3.71	5.76		0.06					

DD-160



CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 79-X-02

Fabric Orientation Diagram:

Project: DY

Location: Anvil District - 105-K-3

Claim: DY 43

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

\_\_\_\_\_ E

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

All symmetry determinations looking

Inclination: Vertical

\_\_\_\_\_ with \_\_\_\_\_ dipping

Elevation: 1042 m.

\_\_\_\_\_ with dip azimuth \_\_\_\_\_.

Total Depth: 683 m.

Purpose: Definition drilling

Logged by: D. Hanson

Date(s) Logged: May 8th, 1979

Drilling Contractor: Arctic Diamond Drill.

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

Core	Size	From	To
	NQ	0	683

Started: April 14/79 Completed: May 7/79

SUMMARY LOGDDH 79-X-02

<u>Metres</u>			
0.0 - 13.5			Overburden.
13.5 - 433.5	5B/D		Interbanded calcareous muscovite-chlorite ± biotite phyllite and chloritic phyllite.
433.5 - 436.5	5A0		Variably calcareous, graphitic phyllite.
436.5 - 536.7	5B/D		Interbanded calcareous muscovite-chlorite ± biotite phyllite and chloritic phyllite.
536.7 - 540.5	4L1		Sulphide-bearing, siliceous to tuffaceous exhalite.
540.5 - 544.8	4A0		Ribbon-banded, graphitic quartzite + Pb/Zn.
544.8 - 547.2	5A0		Graphitic phyllite.
547.2 - 548.6	5B0		Calcareous phyllite.
548.6 - 550.7	5A0		Graphitic phyllite.
550.7 - 551.7	4A7		Ribbon-banded, graphitic quartzite + pyrrhotite.
551.7 - 554.2	5B0		Calcareous phyllite.
554.2 - 557.8	5A0		Graphitic phyllite.
557.8 - 561.6	4L0		Sulphide-bearing quartzite (siliceous exhalite).
561.6 - 570.6	5B0		Calcareous phyllite.
570.6 - 575.7	4L7		Pyrrhotite-bearing quartzite (siliceous exhalite).
575.7 - 577.6	5A0		Graphitic phyllite.
577.6 - 583.5	4A4		Sulphide-bearing, ribbon-banded, graphitic quartzite + Pb/Zn.
583.5 - 590.3	5A0		Graphitic phyllite.
590.3 - 592.1	4A4		Sulphide-bearing, ribbon-banded, graphitic quartzite + Pb/Zn.
592.1 - 593.2	5A0		Graphitic phyllite.

SUMMARY LOG  
 DDH 79-X-02

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<u>Metres</u>			
593.2 - 594.0	4A4	Sulphide-bearing, ribbon-banded, graphitic quartzite + Pb/Zn.	
594.0 - 595.4	5A0	Graphitic phyllite.	
595.4 - 600.0	4B0	Pyrite-free quartzite + Pb/Zn.	
600.0 - 603.5	4J0	Massive sphaleritic sulphides.	
603.5 - 605.6	5B0	Calcareous phyllite.	
605.6 - 607.6	4J4	Massive sphaleritic sulphides.	
607.6 - 607.8	5A0	Graphitic phyllite.	
607.8 - 608.3	4L0	Sulphide-bearing quartzite (tuffaceous exhalite).	
608.3 - 631.0	5A/B	Graphitic and calcareous phyllite	
631.0 - 632.9	OE8	Quartz porphyry dyke.	
632.9 - 641.7	3B5	Banded, laminated chloritic phyllite/schist.	
641.7 - 648.6	3G0	Non-calcareous, muscovite-chlorite <sup>±</sup> biotite phyllite/schist, undifferentiated.	
648.6 - 651.3	3B5	Banded, laminated chloritic phyllite/schist.	
651.3 - 653.4	3E6	Sulphide-bearing, graphitic phyllite/schist.	
653.4 - 660.7	3G0	Non-calcareous, muscovite-chlorite <sup>±</sup> biotite phyllite/schist, undifferentiated.	
660.7 - 661.4	3B5	Banded, laminated chloritic phyllite/schist.	
661.4 - 662.2	3G0	Non-calcareous, muscovite-chlorite <sup>±</sup> biotite phyllite/schist, undifferentiated.	
662.2 - 664.8	3B5	Banded, laminated chloritic phyllite/schist.	
664.8 - 683.8	3G9	Carbonaceous, non-calcareous, muscovite-chlorite <sup>±</sup> biotite phyllite/schist, undifferentiated.	

END OF HOLE



CYPRUS ANVIL MINING CORPORATION

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DY 79-X-02

GEOCHEMICAL LOG

Kamloops Research & Assay Lab.

<u>From</u>	<u>To</u>	<u>Int.</u>	<u>Sample No.</u>	<u>Ag/AA GMS/MT</u>	<u>Ag/FA GMS/MT</u>	<u>Pb %</u>	<u>Zn %</u>	<u>Pb+Zn %</u>	<u>S.G.</u>	<u>Cu %</u>	<u>BaO %</u>	<u>Au GMS/MT</u>	<u>Po%</u>	<u>Py %</u>	<u>Hg %</u>
577.6	579.6	2.0	0059	11.0		0.89	1.65	2.54		0.02					
579.6	581.6	2.0	0060	11.0		0.87	1.63	2.50		0.02					
581.6	583.5	1.9	0061	28.0		1.98	2.41	4.39		0.02					
583.5	585.6	2.1	0062	3.0		0.14	0.22			0.01					
585.6	587.8	2.2	0063	16.0		0.73	2.24	2.97		0.02					
587.8	589.2	1.4	0064	3.0		0.14	0.40			0.01					
589.2	590.0	0.8	0065	4.0		0.12	0.20			0.01					
590.0	592.1	2.1	0066	4.0		0.12	0.35			0.01					
592.1	593.2	1.1	0067	8.0		0.07	0.10			0.01					
593.2	594.0	0.8	0068	3.0		0.12	0.40			0.01					
595.4	596.9	1.5	0069	34.0		1.96	2.58	4.54		0.01					
596.9	598.4	1.5	0070	2.0		0.04	0.73			0.01					
598.4	600.0	1.6	0071	3.0		0.02	0.08			0.01					
600.0	601.5	1.5	0072	100.0		6.27	10.85	17.12		0.03					
601.5	602.5	1.0	0073	85.0		7.50	11.10	18.60		0.03					
606.6	607.6	1.0	0074	57.0		3.80	6.33	10.13		0.07					
607.6	608.3	0.7	0075	5.0		0.55	0.78			0.02					
646.7	648.5	1.8	0076	2.0		0.04	0.07			0.01					

091218



CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 79-X-03

Fabric Orientation Diagram:

Project: DY

Location: Vangorda Plateau

Claim: DY 184

Terr. Plane Co-ords.: 6901028.76 N

597242.79 E

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

Inclination: Vertical

Elevation: 1141.66

Total Depth: 956.7 m

Purpose: DY fill-in section 15+00

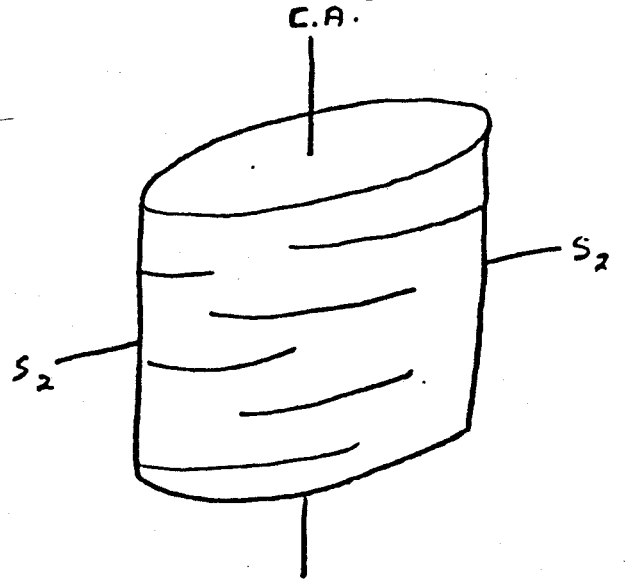
Logged by: B. V. Hall

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

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

NQ 4.0 956.7

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



All symmetry determinations looking

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

SW with dip azimuth 185.

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

SUMMARY LOGDDH 79-X-03

<u>Metres</u>			
0.0 - 4.0			Overburden.
4.0 - 270.0	5B/D		Calcareous muscovite-chlorite <sup>±</sup> biotite phyllite and chloritic phyllite.
270.0 - 285.7	0F8		Quartz feldspar porphyry.
285.7 - 578.3	5B/D		Calcareous muscovite-chlorite <sup>±</sup> biotite phyllite and chloritic phyllite.
578.3 - 580.4	4L7/4		Sulphide-bearing, pyrrhotitic, sphaleritic, siliceous to tuffaceous exhalite.
580.4 - 581.5	4A3		Sulphide-bearing, pyritic, ribbon-banded, graphitic quartzite.
581.5 - 581.9	4C0		Base metal poor, pyritic quartzite.
581.9 - 588.5	4L0		Sulphide-bearing, siliceous to tuffaceous exhalite.
588.5 - 590.1	5D9/3		Sulphide-bearing, laminarily banded, variably calcareous, chloritic phyllite.
590.1 - 595.9	4L7/4		Sulphide-bearing, pyrrhotitic, sphaleritic, siliceous to tuffaceous exhalite.
595.9 - 597.1	4G4		Baritic facies, massive sulphides, minor sphalerite.
597.1 - 598.1	4L0		Sulphide-bearing, siliceous to tuffaceous exhalite.
598.1 - 600.6	4G4		Baritic facies, massive sulphides, minor sphalerite.
600.6 - 602.3	4K4/6		Carbonate-bearing, sphaleritic, baritic, massive pyritic sulphides.
602.3 - 605.8	4E0/6		Massive pyritic and baritic sulphides.
605.8 - 606.5	4L0		Sulphide-bearing siliceous to tuffaceous exhalite.
606.5 - 610.2	4C0		Base metal poor, pyritic quartzite.
610.2 - 615.1	4D0/4		Base-metal bearing, sphaleritic, pyritic quartzite.
615.1 - 616.6	4A0		Sulphide-bearing, ribbon-banded, graphitic quartzite.
616.6 - 617.0	4L0		Sulphide-bearing siliceous to tuffaceous exhalite.
617.0 - 621.2	5A0		Variably calcareous, graphitic phyllite.

SUMMARY LOG  
 DDH 79-X-03

-2-

<u>Metres</u>		
621.2 - 623.2	5A9	Sulphide-bearing, variably calcareous, graphitic phyllite.
623.2 - 624.0	4C0	Base metal poor, pyritic quartzite.
624.0 - 624.4	5B9	Sulphide-bearing, calcareous muscovite-chlorite <sup>+</sup> biotite phyllite.
624.4 - 630.1	4L0	Sulphide-bearing siliceous to tuffaceous exhalite.
630.1 - 631.9	5A9	Sulphide-bearing, variably calcareous, graphitic phyllite.
631.9 - 632.8	5B7	Calcareous, tuffaceous muscovite-chlorite <sup>+</sup> biotite phyllite.
632.8 - 635.0	5A0	Variably calcareous, graphitic phyllite.
635.0 - 639.0	5B6	Non-calcareous muscovite-chlorite <sup>+</sup> biotite phyllite.
639.0 - 639.8	4C0	Base-metal poor, pyritic quartzite.
639.8 - 644.4	4L0	Sulphide-bearing siliceous to tuffaceous exhalite.
644.4 - 646.3	4C0	Base-metal poor, pyritic quartzite.
646.3 - 646.9	4L0	Sulphide-bearing siliceous to tuffaceous exhalite.
646.9 - 651.4	5B7	Calcareous, tuffaceous muscovite-chlorite <sup>+</sup> biotite phyllite.
651.4 - 654.3	4L1	Sulphide-bearing siliceous to tuffaceous exhalite.
654.3 - 655.1	5B7	Calcareous, tuffaceous muscovite-chlorite <sup>+</sup> biotite phyllite.
655.1 - 655.7	4L0	Sulphide-bearing siliceous to tuffaceous exhalite.
655.7 - 700.8	5B/D	Calcareous muscovite-chlorite <sup>+</sup> biotite phyllite and chloritic phyllite.
700.8 - 705.2	4A4	Sulphide-bearing, sphaleritic, ribbon-banded graphitic quartzite.
705.2 - 712.4	4L6/7	Sulphide-bearing, baritic, pyrrhotitic, siliceous to tuffaceous exhalite.
712.4 - 713.6	4L0	Sulphide-bearing siliceous to tuffaceous exhalite.
713.6 - 715.7	4A0	Sulphide-bearing, ribbon-banded, graphitic quartzite.

SUMMARY LOG  
DDH 79-X-03

-3-

<u>Metres</u>		
715.7 - 717.2	5D3	Laminarly banded, calcareous, chloritic phyllite.
717.2 - 719.3	4A0	Sulphide-bearing, ribbon-banded, graphitic phyllite.
719.3 - 731.3	5A9	Sulphide-bearing, variably calcareous, graphitic phyllite.
731.3 - 733.4	4L4	Sulphide-bearing, sphaleritic, siliceous to tuffaceous exhalite.
733.4 - 741.7	4A0	Sulphide-bearing, ribbon-banded, graphitic phyllite.
741.7 - 751.3	4L7	Sulphide-bearing, pyrrhotitic, siliceous to tuffaceous exhalite.
751.3 - 759.7	5B/D	Calcareous muscovite-chlorite <sup>+</sup> biotite phyllite and chloritic phyllite.
759.7 - 762.8	4A0	Sulphide-bearing, ribbon-banded graphitic phyllite.
762.8 - 789.9	5B6	Non-calcareous muscovite-chlorite <sup>+</sup> biotite phyllite.
789.9 - 790.3	4L6	Sulphide-bearing, baritic, siliceous to tuffaceous exhalite.
790.3 - 804.0	5B6	Non-calcareous muscovite-chlorite <sup>+</sup> biotite phyllite.
804.0 - 805.4	4L0	Sulphide-bearing siliceous to tuffaceous exhalite.
805.4 - 806.0	5B6	Non-calcareous muscovite-chlorite <sup>+</sup> biotite phyllite.
806.0 - 807.8	4L7	Sulphide-bearing, pyrrhotitic, siliceous to tuffaceous exhalite.
807.8 - 810.5	5B6	Non-calcareous muscovite-chlorite <sup>+</sup> biotite phyllite.
810.5 - 811.1	4L0	Sulphide-bearing siliceous to tuffaceous exhalite.
811.1 - 811.8	5B6	Non-calcareous muscovite-chlorite <sup>+</sup> biotite phyllite.
811.8 - 812.4	4L0	Sulphide-bearing siliceous to tuffaceous exhalite.
812.4 - 815.6	5B6	Non-calcareous muscovite-chlorite <sup>+</sup> biotite phyllite.
815.6 - 818.4	4L0	Sulphide-bearing siliceous to tuffaceous exhalite.
818.4 - 821.9	5A0	Variably calcareous, graphitic phyllite.
821.9 - 824.7	4A0	Sulphide-bearing, ribbon-banded, graphitic phyllite.
824.7 - 827.8	4E0	Massive pyritic sulphides.

SUMMARY LOG  
DDH 79-X-03

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<u>Metres</u>		
827.8 - 832.2	5A7	Variably calcareous, tuffaceous, graphitic phyllite.
832.2 - 862.3	4L0/6	Sulphide-bearing, baritic, siliceous to tuffaceous exhalite.
862.3 - 864.2	4A1	Sulphide-bearing, siliceous, ribbon-banded, graphitic quartzite.
864.2 - 864.5	4C0	Base-metal poor, pyritic quartzite.
864.5 - 868.0	4G4	Baritic facies, massive sulphides, minor sphalerite.
868.0 - 868.7	4D0	Base-metal bearing, pyritic quartzite.
868.7 - 869.7	4G4	Baritic facies, massive sulphides, minor sphalerite.
869.7 - 870.4	4A0	Sulphide-bearing, ribbon-banded, graphitic quartzite.
870.4 - 871.2	4C0	Base-metal poor, pyritic quartzite.
871.2 - 872.1	4D4	Base-metal bearing, sphaleritic, pyritic quartzite.
872.1 - 872.5	4G1	Siliceous, baritic facies, massive sulphides.
872.5 - 874.7	4A0	Sulphide-bearing, ribbon-banded, graphitic quartzite.
874.7 - 880.1	4A4	Sulphide-bearing, sphaleritic, ribbon-banded, graphitic quartzite.
880.1 - 908.6	4L1/6	Sulphide-bearing, baritic, siliceous to tuffaceous exhalite.
908.6 - 916.2	5A0	Variably calcareous, graphitic phyllite.
916.2 - 932.9	3G9	Carbonaceous, non-calcareous, muscovite-chlorite <sup>+</sup> biotite phyllite.
932.9 - 939.6	3G7	Non-calcareous, tuffaceous, muscovite-chlorite <sup>+</sup> biotite phyllite.
939.6 - 956.7	3G0	Non-calcareous, muscovite-chlorite <sup>+</sup> biotite phyllite.

END OF HOLE

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DY 79-X-03

## CYPRUS ANVIL MINING CORPORATION

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## GEOCHEMICAL LOG

Kamloops Research &amp; Assay Lab.

From	To	Int.	Samp. No.	Ag/AA GMS/MT	Ag/FA GMS/MT	Pb %	Zn %	Pb+Zn %	S.G.	Cu %	BaO %	Au GMS/MT	Po %	Py %	Hg %	Unit
578.3	580.4	2.1	0077	6.5		0.42	0.14			0.07						4L7/4
580.4	581.5	1.1	0078	2.0		0.11	0.02			0.03						4A3
581.5	583.5	2.0	0079	8.0		0.66	0.22			0.04						4C/4L
583.5	585.5	2.0	0080	4.0		0.34	0.14			0.04						4L0
587.5	588.5	1.0	0081	3.0		0.26	0.03			0.03						4L0
588.5	590.1	1.6	0082	3.0		0.23	0.04			0.02						5D9
590.1	592.1	2.0	0083	2.0		0.04	0.02			0.03						4L7/4
592.1	594.1	2.0	0084	2.0		0.10	0.04			0.07						4L7/4
594.1	595.9	1.8	0085	1.0		0.13	0.11			0.02						4L7/4
595.9	597.1	1.2	0086	16.0		0.91	0.70			0.25						4G4
597.1	598.1	1.0	0087	2.0		0.13	0.07			0.04						4L0
598.1	599.3	1.2	0088	30.0		1.79	0.91			0.23						4G4
599.3	600.6	1.3	0089	45.0		3.34	1.92	5.26		0.17						4G4
600.6	602.3	1.7	0090	28.0		0.75	0.31			0.22						4K6/4
602.3	604.5	2.2	0091	27.0		0.38	0.13			0.33						4E0
604.5	606.7	2.2	0092	7.0		0.12	0.05			0.37						4E0
606.7	608.7	2.0	0093	13.0		0.11	0.04			0.57						4L/4C
608.7	610.2	1.5	0094	11.0		0.11	0.07			0.45						4D0
610.2	612.0	1.8	0095	16.0		0.65	0.58			0.44						4D4
612.0	614.0	2.0	0096	9.0		0.15	0.14			0.40						4D0
614.0	615.1	1.1	0097	5.0		0.04	0.03			0.32						4D0
615.1	616.6	1.5	0098	6.0		0.06	0.05			0.31						4A0
621.2	623.2	2.0	0099	0.5		0.02	0.02			0.01						5A9
623.2	624.0	0.8	0100	2.0		0.04	0.02			0.29						4C0
624.4	626.4	2.0	0101	Tr.		0.01	0.03			0.02						4L0
626.4	628.4	2.0	0102	2.0		0.03	0.03			0.02						4L0
628.4	630.1	1.7	0103	1.0		0.02	0.03			0.02						4L0
630.1	631.9	1.8	0104	1.0		0.02	0.02			0.02						5A9

DY 79-X-03

GEOCHEMICAL LOG

Page 2 of 3

<u>From</u>	<u>To</u>	<u>Int.</u>	<u>Samp. No.</u>	<u>Ag/AA GMS/MT</u>	<u>Ag/FA GMS/MT</u>	<u>Pb %</u>	<u>Zn %</u>	<u>Pb+Zn %</u>	<u>S.G.</u>	<u>Cu %</u>	<u>BaO %</u>	<u>Au GMS/MT</u>	<u>Po %</u>	<u>Py %</u>	<u>Hg %</u>	<u>Unit</u>
639.0	639.8	0.8	0105	8.0		0.10	0.05			0.11						4C0
639.8	641.8	2.0	0106	2.0		0.03	0.03			0.06						4L0
641.8	643.8	2.0	0107	2.0		0.03	0.02			0.05						4L0
643.8	644.4	0.6	0108	2.0		0.02	0.05			0.08						4L0
644.4	646.3	1.9	0109	7.0		0.13	0.05			0.12						4C0
700.8	702.8	2.0	0110	36.0		1.94	3.28	5.22		0.02						4A4
702.8	704.8	2.0	0111	29.0		1.48	2.72	4.20		0.03						4A4
704.8	706.4	1.6	0112	25.0		1.31	2.70	4.01		0.16						4A4
713.6	715.7	2.1	0248	5.0		0.27	0.31			0.03						4A0
717.2	719.3	2.1	0249	2.0		0.09	0.13			0.01						4A0
731.3	733.4	2.1	0250	25.0		1.88	0.94			0.03						4L4
733.4	735.4	2.0	0251	30.0		0.02	0.88			0.06						4A0
735.4	737.4	2.0	0252	16.0		0.01	0.26			0.06						4A0
737.4	739.4	2.0	0253	17.0		1.07	0.30			0.10						4A0
739.4	740.7	1.3	0254	7.0		0.08	0.16			0.12						4A0
740.7	741.7	1.0	0255	12.0		0.37	0.11			0.13						4A0
759.7	761.2	1.5	0256	4.0		0.24	0.08			0.03						4A0
761.2	762.8	1.6	0257	10.0		0.06	0.08			0.02						4A0
821.9	823.2	1.3	0258	32.0		2.03	2.41	4.44		0.09						4A0
823.2	824.7	1.5	0259	15.0		0.69	1.04			0.17						4A0
824.7	826.0	1.3	0260	15.0		0.62	0.34			0.28						4E0
826.0	827.8	1.8	0261	20.0		0.78	0.80			0.32						-

DY 79-X-03

GEOCHEMICAL LOG

<u>From</u>	<u>To</u>	<u>Int.</u>	<u>Samp. No.</u>	<u>Ag/AA GMS/MT</u>	<u>Ag/FA GMS/MT</u>	<u>Pb %</u>	<u>Zn %</u>	<u>Pb+Zn %</u>	<u>S.G.</u>	<u>Cu %</u>	<u>BaO %</u>	<u>Au GMS/MT</u>	<u>Po %</u>	<u>Py %</u>	<u>Hg %</u>	<u>Unit</u>
862.3	864.2	1.9	0113	17.0		1.02	0.73			0.10						4A1
864.2	864.5	0.3	0114	10.0		0.44	0.18			0.01						4C0
864.5	866.5	2.0	0115	62.0		3.51	5.52	9.03		0.11						4G4
866.5	868.0	1.5	0116	45.0		4.11	5.77	9.88		0.05						4G4
868.0	868.7	0.7	0117	6.0		0.15	0.07			0.05						4D0
868.7	869.7	1.0	0118	43.0		1.51	2.42			0.12						4G4
869.7	870.4	0.7	0119	8.0		0.17	0.05			0.07						4A0
870.4	871.2	0.8	0120	14.0		0.30	0.14			0.16						4C0
871.2	872.1	0.9	0121	146.0		6.56	4.29	10.85		0.16						4D4
872.1	872.5	0.4	0122	27.0		0.66	0.35			0.16						4G1
872.5	874.7	2.2	0123	6.0		0.36	0.34			0.07						4A0
874.7	876.7	2.0	0124	14.0		0.54	0.58			0.05						4A4
876.7	878.7	2.0	0125	10.0		0.39	0.50			0.06						4A4
878.7	880.1	1.4	0126	27.0		1.02	0.51			0.08						4A4



CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

1072-3  
021212

Hole Number: 79-X-04

Fabric Orientation Diagram:

Project: DY

Location: Vanqorda Plateau

Claim: DY 41, 85922

Terr. Plane Co-ords.: 6900987.83 N

597700.76 E

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

Inclination: Vertical

Elevation: 1045.77

Total Depth: 689.1 m

Purpose: Define DY sulphide horizon.

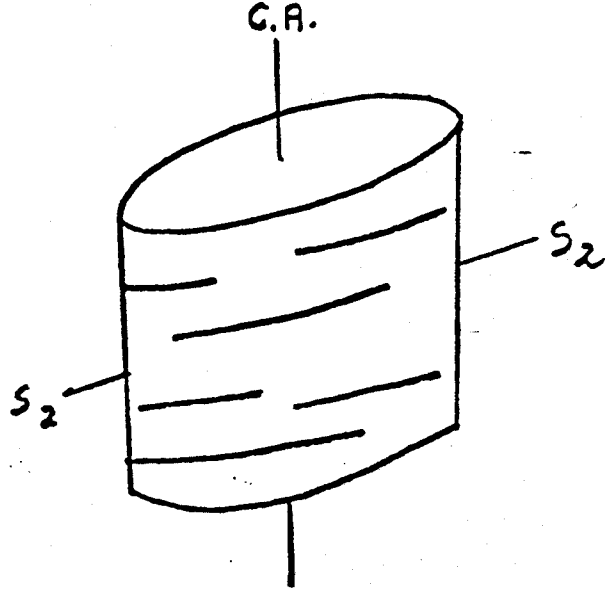
Logged by: B. V. Hall  
L. C. Piggage

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

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

NQ 15.6 689.1

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



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

SUMMARY LOG

DDH 79-X-04

<u>Metres</u>		
0.0 - 5.6		Overburden.
5.6 - 172.7	5B0/6	Variably calcareous chloritic phyllite.
172.7 - 173.6	5A0	Graphitic phyllite.
173.6 - 339.5	5B0/6	Variably calcareous chloritic phyllite.
339.5 - 340.6	5A3	Calcareous graphitic phyllite.
340.6 - 346.8	5B3	Calcareous phyllite.
346.8 - 348.1	5D3	Laminarly banded, calcareous chloritic phyllite.
348.1 - 350.8	5B7	Non-calcareous, tuffaceous chloritic phyllite.
350.8 - 357.0	5D3	Laminarly banded, calcareous chloritic phyllite.
357.0 - 364.7	5B3	Calcareous phyllite.
364.7 - 367.1	4L6/7	Quartz muscovite-phyllite + barite + pyrrhotite.
367.1 - 375.8	5B3	Calcareous phyllite.
375.8 - 378.2	5D3	Laminarly banded, calcareous chloritic phyllite.
378.2 - 378.7	5B3	Calcareous phyllite.
378.7 - 382.2	4L7	Quartz muscovite-phyllite + pyrrhotite.
382.2 - 389.6	5B3	Calcareous phyllite.
389.6 - 391.2	4L0	Quartz muscovite-chlorite-phyllite.
391.2 - 394.6	4A0/7	Ribbon-banded graphitic phyllite + sulphides.
394.6 - 396.5	4K1	Carbonate-bearing, massive pyritic sulphides.
396.5 - 398.8	4C7	Base metal-poor, pyritic quartzite + pyrrhotite.
398.8 - 400.0	4A0	Ribbon-banded, graphitic phyllite + sulphides.
400.0 - 400.5	4E0	Pyritic massive sulphides.
400.5 - 401.4	4L6	Quartz muscovite-phyllite + barite.
401.4 - 414.1	5D3	Laminarly banded, calcareous chloritic phyllite.

SUMMARY LOG  
DDH 79-X-04

<u>Metres</u>		
414.1 - 450.3	5B3/5D3	Dominantly calcareous phyllite with minor laminarly banded calcareous chloritic phyllite.
450.3 - 459.2	5D3	Laminarly banded, calcareous chloritic phyllite.
459.2 - 492.7	5B3/5D3	Alternating calcareous phyllite and laminarly banded calcareous chloritic phyllite.
492.7 - 504.0	5B0/7/9	Variably calcareous muscovite-chlorite-phyllite + pyrrhotite + minor chalcopryrite.
504.0 - 504.6	5A0	Variably calcareous graphitic phyllite.
504.6 - 505.3	5B7	Calcareous muscovite-chlorite-phyllite + pyrrhotite.
505.3 - 506.0	4L7	Quartz muscovite-phyllite + pyrrhotite.
506.0 - 515.7	5B6	Non-calcareous muscovite-chlorite-phyllite.
515.7 - 516.2	4L7	Quartz muscovite-phyllite + pyrrhotite.
516.2 - 541.8	0E/0D	Porphyritic hornblende quartz diorite.
541.8 - 573.8	5B6	Non-calcareous, muscovite-chlorite-phyllite.
573.8 - 576.4	5A9	Graphitic phyllite + minor sulphides.
576.4 - 581.6	4L6	Quartz muscovite-phyllite + barite and minor graphitic bands.
581.6 - 582.3	5A9	Graphitic phyllite + minor sulphides.
582.3 - 584.1	4D7	Pyritic quartzite + sphalerite, pyrite, pyrrhotite.
584.1 - 590.0	4A4	Ribbon-banded graphitic phyllite + Pb/Zn.
590.0 - 603.9	5A9	Graphitic phyllite + minor sulphides.
603.9 - 609.5	5D3	Laminarly banded, calcareous chloritic phyllite.
609.5 - 624.6	5A9	Graphitic phyllite with minor sulphides.
624.6 - 625.4	5D3	Laminarly banded, calcareous chloritic phyllite.
625.4 - 625.8	5A0	Graphitic phyllite.
625.8 - 626.8	4G0	Baritic facies, massive sulphides.
626.8 - 629.1	4A4	Ribbon-banded graphitic phyllite + Pb/Zn.

SUMMARY LOG  
DDH 79-X-04

<u>Metres</u>		
629.1 - 630.6	4C0	Base metal-poor, pyritic quartzite.
630.6 - 634.5	4A1	Sulphide-bearing, ribbon-banded, siliceous graphitic quartzite.
634.5 - 636.5	5A0	Graphitic phyllite.
636.5 - 637.5	0Q0	Bull quartz vein, pod.
637.5 - 638.8	5A0	Graphitic phyllite.
638.8 - 641.7	5B2	Calcareous, carbonaceous muscovite-chlorite <sup>+</sup> biotite phyllite.
641.7 - 647.5	5B6	Non-calcareous muscovite-chlorite <sup>+</sup> biotite phyllite.
647.5 - 650.8	5D3	Laminarily banded, calcareous chloritic phyllite.
650.8 - 657.2	5A9	Graphitic phyllite + minor sulphides.
657.2 - 657.8	5D3	Laminarily banded, calcareous chloritic phyllite.
657.8 - 661.7	5A9	Graphitic phyllite with minor sulphides.
661.7 - 662.2	5A*	Marker horizon.
662.2 - 662.7	0E3	Equigranular porphyritic hornblende quartz diorite.
662.7 - 667.1	3B0	Chloritic phyllite.
667.1 - 670.7	4L6	Quartz muscovite-phyllite + barite and minor graphitic bands.
670.7 - 689.1	3B0	Chloritic phyllite.

END OF HOLE

GEOCHEMICAL LOG

Kamloops Research &amp; Assay Lab.

<u>From</u>	<u>To</u>	<u>Int.</u>	<u>Samp.</u> <u>No.</u>	<u>Ag/AA</u> <u>GMS/MT</u>	<u>Ag/FA</u> <u>GMS/MT</u>	<u>Pb %</u>	<u>Zn %</u>	<u>Pb+Zn</u> <u>%</u>	<u>S.G.</u>	<u>Cu %</u>	<u>BaO %</u>	<u>Au</u> <u>GMS/MT</u>	<u>Po %</u>	<u>Py %</u>	<u>Hg %</u>	<u>Unit</u>
625.8	626.8	1.0	0127	93.0		4.79	11.95	16.74		0.06						4G0
626.8	627.8	1.0	0128	50.0		2.72	5.93	8.65		0.03						4A4/1
627.8	629.1	1.3	0129	69.0		3.60	7.13	10.73		0.05						4A4/1
629.1	630.6	1.4	0130	58.0		3.66	6.87	10.53		0.06						4C0
630.6	632.6	2.0	0131	21.0		1.18	2.11	3.29		0.07						4A1
632.6	634.5	1.9	0132	25.0		1.70	2.03	3.73		0.05						4A1
365.5	367.0	1.5	0262	2.0		0.05	0.03			0.20						4L7/6
390.6	391.9	1.3	0263	2.0		0.05	0.04			0.01						4A0
392.3	394.5	2.2	0264	3.0		0.05	0.03			0.06						4A0
394.5	396.5	2.0	0265	6.0		0.03	0.01			0.11						4K1
396.5	398.8	2.3	0266			0.04	0.01			0.28						4C7/9
398.8	400.0	1.2	0267	3.0		0.02	0.01			0.07						4A0
400.0	400.5	0.5	0268	7.0		0.01	0.02			0.19						4E0
582.2	584.2	1.9	0287	50.0		2.21	5.19	7.40		0.02						4D5/7
584.2	586.2	2.0	0288	12.0		0.68	1.03	1.71		0.03						4A4
586.2	588.2	2.0	0289	46.0		3.62	3.41	7.03		0.02						4A4
588.2	590.0	1.8	0290	40.0		2.64	3.34	5.98		0.01						4A4



CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 79-X-05

Fabric Orientation Diagram:

Project: DY

Location: Vangorda Plateau

Claim: DY 41 85922

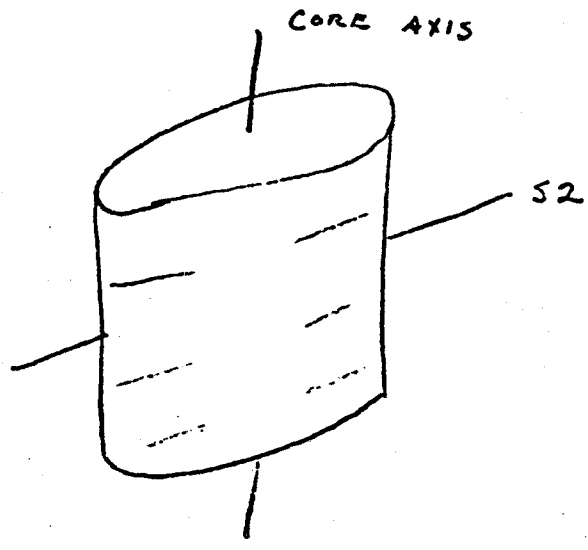
Terr. Plane Co-ords.: \_\_\_\_\_ N

\_\_\_\_\_ E

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

Inclination: Vertical

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



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

Total Depth: 754.3 m

Purpose: Define DY sulphide horizons.

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

Drilling Contractor:	Core:	Size	From	To	Collar Cased and Capped:
<u>Arctic Diamond Drilling</u>	<u>NO</u>	<u>6.1</u>	<u>754.3</u>		<u>        </u>

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

SUMMARY LOG

DDH 79-X-05

<u>Metres</u>		
0.0 - 2.1		Overburden.
2.1 - 128.2	5B/D	Calcareous muscovite-chlorite <sup>+</sup> biotite phyllite and chloritic phyllite.
128.2 - 129.7	4L6	Sulphide-bearing, baritic, siliceous to tuffaceous exhalite.
129.7 - 130.7	4C0	Base metal poor, pyritic quartzite.
130.7 - 172.7	5B/D	Calcareous muscovite-chlorite <sup>+</sup> biotite phyllite and chloritic phyllite.
172.7 - 177.5	4L4	Sulphide-bearing, sphaleritic, siliceous to tuffaceous exhalite.
177.5 - 186.0	5B/D	Calcareous muscovite-chlorite <sup>+</sup> biotite phyllite and chloritic phyllite.
186.0 - 192.0	0E8	Porphyritic quartz diorite.
192.0 - 199.0	4A0	Sulphide-bearing, ribbon-banded, graphitic quartzite.
199.0 - 204.0	4L0	Sulphide-bearing, siliceous to tuffaceous exhalite.
204.0 - 204.7	0E8	Porphyritic quartz diorite.
204.7 - 205.8	4A0	Sulphide-bearing, ribbon-banded, graphitic quartzite.
205.8 - 207.5	0E8	Porphyritic quartz diorite.
207.5 - 209.0	4A0	Sulphide-bearing, ribbon-banded, graphitic quartzite; minor pyrrhotite and sphalerite.
209.0 - 209.5	0E8	Porphyritic quartz diorite.
209.5 - 214.6	5A0/5B2	Interbanded variably calcareous, graphitic phyllite and carbonaceous, calcareous muscovite-chlorite <sup>+</sup> biotite phyllite.
214.6 - 215.0	5D3	Laminarily banded, calcareous, chloritic phyllite.
215.0 - 215.7	4L6	Sulphide-bearing, baritic, siliceous to tuffaceous exhalite.
215.7 - 216.6	5B0	Calcareous muscovite-chlorite <sup>+</sup> biotite phyllite.
216.6 - 226.2	0E8	Porphyritic quartz diorite.

SUMMARY LOGDDH 79-X-05

-2-

<u>Metres</u>		
226.2 - 228.1	5B/D	Calcareous muscovite-chlorite <sup>+</sup> / <sub>-</sub> biotite phyllite and chloritic phyllite.
228.1 - 228.4	0E8	Porphyritic quartz diorite.
228.4 - 229.0	5B/D	Calcareous muscovite-chlorite <sup>+</sup> / <sub>-</sub> biotite phyllite and chloritic phyllite.
229.0 - 229.4	0E8	Porphyritic quartz diorite.
229.4 - 229.6	5B0	Calcareous muscovite-chlorite <sup>+</sup> / <sub>-</sub> biotite phyllite.
229.6 - 229.9	0E8	Porphyritic quartz diorite.
229.9 - 232.1	5B0	Calcareous muscovite-chlorite <sup>+</sup> / <sub>-</sub> biotite phyllite.
232.1 - 233.0	0E8	Porphyritic quartz diorite.
233.0 - 395.4	5B/D	Calcareous muscovite-chlorite <sup>+</sup> / <sub>-</sub> biotite phyllite and chloritic phyllite.
395.4 - 398.8	4K7	Carbonate-bearing, pyrrhotitic, massive pyritic sulphides.
398.8 - 403.5	4L6	Sulphide-bearing, baritic, siliceous to tuffaceous exhalite.
403.5 - 516.5	5B/D	Calcareous muscovite-chlorite <sup>+</sup> / <sub>-</sub> biotite phyllite and chloritic phyllite.
516.5 - 519.6	5E1	Phyllitic marble and silicated marble.
519.6 - 527.2	5B7	Tuffaceous, calcareous muscovite-chlorite <sup>+</sup> / <sub>-</sub> biotite phyllite.
527.2 - 537.5	4L6/7	Sulphide-bearing, baritic, pyrrhotitic, siliceous to tuffaceous exhalite.
537.5 - 542.4	5B7	Tuffaceous, calcareous muscovite-chlorite <sup>+</sup> / <sub>-</sub> biotite phyllite.
542.4 - 543.9	4L7	Sulphide-bearing, pyrrhotitic, siliceous to tuffaceous exhalite.
543.9 - 566.0	5B2	Carbonaceous, calcareous muscovite-chlorite <sup>+</sup> / <sub>-</sub> biotite phyllite.
566.0 - 566.5	0E3	Equigranular porphyritic quartz diorite.
566.5 - 571.3	0D7	Equigranular quartz diorite.

SUMMARY LOGDDH 79-X-05

-3-

<u>Metres</u>		
571.3 - 574.0	0D9	Altered hornblende quartz diorite.
574.0 - 582.0	0D7	Equigranular quartz diorite.
582.0 - 585.4	0E3	Porphyritic quartz diorite.
585.4 - 586.3	4L6	Sulphide-bearing, baritic, siliceous to tuffaceous exhalite.
586.3 - 591.1	4A4	Sulphide-bearing, ribbon-banded, graphitic quartzite, minor sphalerite and galena?????
591.1 - 591.7	5D3	Laminarly banded, calcareous, chloritic phyllite.
591.7 - 592.2	4H1	Pyrrhotitic facies, siliceous, massive sulphides.
592.2 - 614.2	4A4	Sulphide-bearing, ribbon-banded, graphitic quartzite, minor sphalerite and galena.
614.2 - 616.5	4L7	Sulphide-bearing, pyrrhotitic, siliceous to tuffaceous exhalite.
616.5 - 619.9	4A4	Sulphide-bearing, ribbon-banded, graphitic quartzite, minor sphalerite and galena.
619.9 - 622.3	4L7	Sulphide-bearing, pyrrhotitic siliceous to tuffaceous exhalite.
622.3 - 623.6	0D9	Strongly altered, equigranular quartz diorite.
623.6 - 627.4	4A4/7	Sulphide-bearing, pyrrhotitic, ribbon-banded, graphitic quartzite, minor sphalerite and galena.
627.4 - 632.3	0E0/9	Variably altered porphyritic quartz diorite.
632.3 - 634.0	4A4/7	As above.
634.0 - 636.9	4D0	Base metal bearing, pyritic quartzite.
636.9 - 637.2	5A0	Variably calcareous, graphitic phyllite.
637.2 - 638.7	0D0	Equigranular quartz diorite.
638.7 - 639.6	4D7	Base metal bearing, pyrrhotitic, pyritic quartzite.
639.6 - 653.8	3G0/3	Non-calcareous and calcareous, muscovite-chlorite <sup>+</sup> biotite phyllite.
653.8 - 660.4	3B/G	Non-calcareous, muscovite-chlorite <sup>+</sup> biotite phyllite and chloritic phyllite.

SUMMARY LOG

DDH 79-X-05

-4-

<u>Metres</u>		
660.4 - 662.3	0E3	Porphyritic hornblende quartz diorite.
662.3 - 680.4	0D0	Equigranular hornblende quartz diorite.
680.4 - 683.0	0E3	Porphyritic hornblende quartz diorite.
683.0 - 689.5	3D1	Calc-silicate phyllite.
689.5 - 692.4	3G9	Carbonaceous, non-calcareous, muscovite-chlorite <sup>+</sup> biotite phyllite.
692.4 - 693.0	0E3	Porphyritic hornblende quartz diorite.
693.0 - 697.9	3C0	Metabasite.
697.9 - 699.2	0E3	Porphyritic hornblende quartz diorite.
699.2 - 699.7	3G0	Non-calcareous, muscovite-chlorite <sup>+</sup> biotite phyllite.
699.7 - 700.3	0E3	Porphyritic hornblende quartz diorite.
700.3 - 707.4	3G1	Non-calcareous, siliceous, muscovite-chlorite <sup>+</sup> biotite phyllite.
707.4 - 709.7	0E3	Porphyritic hornblende quartz diorite.
709.7 - 754.3	3G1	Non-calcareous, siliceous, muscovite-chlorite <sup>+</sup> biotite phyllite.

END OF HOLE



01218  
1070-4

DY 79-X-05

CYPRUS ANVIL MINING CORPORATION

GEOCHEMICAL LOG

Kamloops Research and Assay Lab.

From	To	Int.	Samp. No.	Ag/AA GMS/MT	Ag/FA GMS/MT	Pb %	Zn %	Pb+Zn %	S.G.	Cu %	BaO %	Au GMS/MT	Po %	Py %	Unit
395.3	396.3	1.0	305	8.0		0.11	0.05			0.02					4K7/9/8
396.6	398.2	1.6	306	8.0		0.08	0.05			0.04					4K7/9/8
398.2	398.9	0.7	307	10.0		0.22	0.22			0.20					4K7/9/8
527.1	529.0	1.9	311	6.0		0.51	0.91	1.42		0.03					4L7/4/6
529.0	531.0	2.0	312	8.0		0.58	1.08	1.66		0.03					4L7/4/6
531.0	532.0	1.0	313	17.0		1.74	3.04	4.78		TR.					4L7/4/6
532.0	533.0	1.0	314	24.0		2.14	3.16	5.30		0.04					4L7/4/3
533.0	534.9	1.9	315	15.0		1.52	2.20	3.72		0.05					4L7/4/3
534.9	536.7	1.8	316	2.0		0.15	0.32	0.47		TR.					4L7/4/6
542.5	544.1	1.6	317	15.0		0.47	0.87	1.34		0.04					4L7/4/6
586.4	588.2	1.8	459	3.0		0.20	0.36	0.56		0.01					4A4
588.2	589.6	1.4	460	22.0		1.31	3.50	4.81		0.02					4A4
589.6	591.1	1.5	461	23.0		1.38	2.81	4.19		0.02					4A4
591.7	592.3	0.6	462	35.0		1.69	3.85	5.54		0.10					4H1
592.3	594.3	2.0	463	28.0		1.55	3.40	4.95		0.01					4A4/7
594.3	596.1	1.8	464	69.0		4.55	1.66	6.21		0.05					4A4/7
596.1	599.7	3.6	465	5.0		0.44	1.31	1.75		0.01					4A4/5/7
599.7	601.3	1.6	466	5.0		0.35	0.49	0.84		0.01					4A4/5/7
601.3	603.3	2.0	467	17.0		1.26	2.20	3.46		0.02					4A4/5/7
603.3	605.3	2.0	468	9.0		0.80	1.30	2.10		0.01					4A4/5/7-4A4/7
605.3	607.3	2.0	469	7.0		0.43	0.97	1.40		0.01					4A4/7
607.3	609.4	2.1	470	9.0		0.57	0.82	1.39		0.01					4A4/7
609.4	611.1	1.7	471	8.0		0.69	1.17	1.86		0.01					4A4/7
611.1	613.1	2.0	472	7.0		0.50	0.25	0.75		0.03					4A4/7
613.1	614.2	1.1	473	TR.		0.07	0.13	0.20		0.03					4A4/7
614.2	616.6	2.4	474	6.0		0.48	0.87	1.35		0.13					4L7/6/4
616.6	618.1	1.5	475	7.0		0.32	0.75	1.07		0.19					4A4/7
618.1	619.6	1.5	476	15.0		0.59	1.31	1.90		0.27					4A4/7
619.6	620.7	1.1	477	9.0		0.43	0.61	1.04		0.06					4L7/4
620.7	622.0	1.3	478	19.0		1.20	1.33	2.53		0.08					4L7/4

79-X-05

GEOCHEMICAL LOG

Page 2 of 2

<u>From</u>	<u>To</u>	<u>Int.</u>	<u>Samp.</u> <u>No.</u>	<u>Ag/AA</u> <u>GMS/MT</u>	<u>Ag/FA</u> <u>GMS/MT</u>	<u>Pb %</u>	<u>Zn %</u>	<u>Pb+Zn</u> <u>%</u>	<u>S.G.</u>	<u>Cu %</u>	<u>BaO %</u>	<u>Au</u> <u>GMS/MT</u>	<u>Po %</u>	<u>Py %</u>	<u>Unit</u>
623.7	625.4	1.7	479	34.0		2.15	3.19	5.34		0.02					4A4/7
625.4	626.3	1.9	480	51.0		3.57	2.17	5.74		0.02					4A4/7
626.3	627.4	1.1	481	33.0		2.71	1.41	4.12		0.03					4A4/7
632.6	634.0	1.4	482	18.0		1.17	1.94	3.11		0.03					4A4/7/5
634.0	635.9	1.9	483	80.0		5.01	7.15	12.16		0.06					4D0
635.9	636.9	1.0	484	78.0		4.54	8.91	13.45		0.08					4D0

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

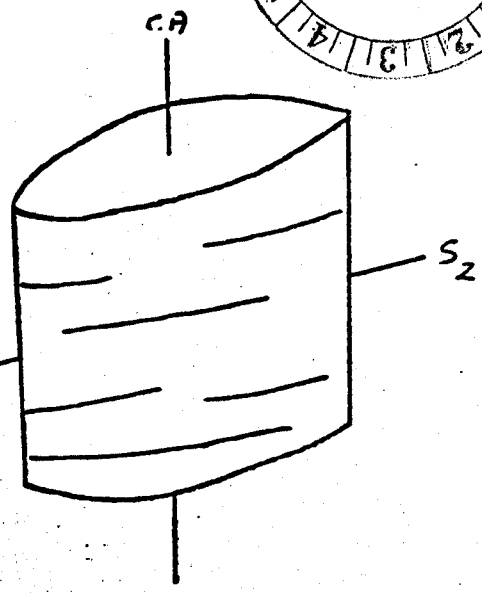


Hole Number: 79-X-08

Fabric Orientation Diagram

Project: DY

Location: Vangorda Plateau



Claim: DY 186

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

\_\_\_\_\_ E

Grid Co-ords.: L 13+50E

75N

Inclination: \_\_\_\_\_

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

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

Total Depth: 83.29

Purpose: Fill in section 13\_50E

Logged by: B. V. Hail

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

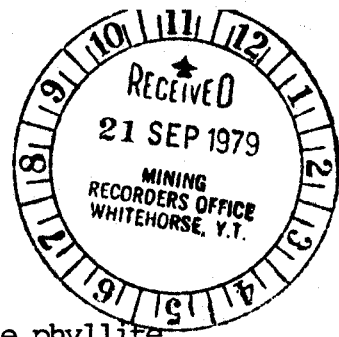
Drilling Contractor: Arctic Diamond Drilling

Core:	Size	From	To	Collar Cased and Capped: _____
<u>NQ</u>	<u>32.0</u>	<u>832.9</u>		
_____	_____	_____		
_____	_____	_____		

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

SUMMARY LOG

DDH 79-X-08



Metres

13.2 - 50.0	5B0	Calcareous muscovite-chlorite-biotite phyllite.
50.0 - 55.7	5D0	Laminarly banded, variably calcareous, chlorite-biotite phyllite.
55.7 - 58.8	5B6	Non-calcareous, muscovite-chlorite-biotite phyllite.
58.8 - 61.8	5D5	Laminarly banded, variably calcareous, chloritic phyllite.
61.8 - 66.2	5D3	Calcareous, laminarly banded, chloritic phyllite
66.2 - 73.8	5C0	Metabasite.
73.8 - 81.9	5D3	Calcareous, laminarly banded, chloritic phyllite.
81.9 - 83.8	5C3	Calcareous, metabasite.
83.8 - 88.5	5D3	As above
88.5 - 96.3	5C0	Metabasite.
96.3 - 99.1	5D3	As above
99.1 - 103.3	5D6	Non-calcareous, laminarly banded, chloritic phyllite.
103.3 - 132.1	5B6	Non-calcareous, muscovite-chlorite-biotite phyllite.
132.1 - 139.8	5B2	Carbonaceous, calcareous, muscovite-chlorite-biotite phyllite.
139.8 - 145.9	5D3	Laminarly banded, variably calcareous, chloritic phyllite.
145.9 - 148.8	5B0	Calcareous, muscovite-chlorite-biotite phyllite.
148.8 - 150.5	5D0	Laminarly banded, variably calcareous, chlorite phyllite.
150.5 - 181.4	5B0	As above.
181.4 - 188.9	5B6	Non-calcareous, muscovite-chlorite-biotite phyllite.
188.9 - 190.4	5B2	Carbonaceous, calcareous, muscovite-chlorite-biotite phyllite.
190.4 - 191.6	5B6	As above.
191.6 - 193.2	5B0	Calcareous, muscovite-chlorite-biotite phyllite.

Summary Log  
DDH 79-X-08

Metres

193.2 - 195.3	5B6	Non-calcareous, muscovite-chlorite-biotite phyllite.
195.3 - 195.6	5D0	Laminarily banded, variably calcareous, chloritic phyllite.
195.6 - 204.5	5B6	As above
204.5 - 209.7	5B0	Calcareous, muscovite-chlorite-biotite phyllite.
209.7 - 243.5	5B6	As above
243.5 - 271.9	5B6	As above
271.9 - 285.3	5B0	Calcareous, muscovite-chlorite-biotite phyllite.
285.3 - 323.5	5B6	Non-calcareous, muscovite-chlorite-biotite phyllite.
323.5 - 326.0	5B0	As above.
326.0 - 328.8	5B6	As above.
328.8 - 371.4	5B0	Calcareous, muscovite-chlorite-biotite phyllite.
371.4 - 374.9	5B6	Non-calcareous, muscovite-chlorite-biotite phyllite.
374.9 - 379.9	5B0	As above.
379.9 - 399.8	5B6	As above.
399.8 - 424.0	5B0	As above.
424.0 - 431.1	5B6	Non-calcareous, muscovite-chlorite-biotite phyllite.
431.1 - 443.5	5B0	Calcareous, muscovite-chlorite-biotite phyllite.
443.5 - 445.0	5B6	As above.
445.0 - 451.3	5B0	As above.
451.3 - 454.3	5D3	Calcareous, laminarily banded, chloritic phyllite.
454.3 - 463.5	5B0	Calcareous, muscovite-chlorite-biotite phyllite.
463.5 - 464.3	5B6	Non-calcareous, muscovite-chlorite-biotite phyllite.
464.3 - 469.1	5B6	As above.

Summary Log  
DDH 79-X-08

Metres

469.1 - 474.1	5B0	Calcareous, muscovite-chlorite-biotite phyllite.
474.1 - 474.9	5D6	Non-calcareous, laminarly banded, chloritic phyllite.
474.9 - 481.6	5B2	Carbonaceous, calcareous, muscovite-chlorite-biotite phyllite.
481.6 - 488.2	5B6	Non-calcareous, muscovite-chlorite-biotite phyllite.
488.2 - 493.8	5D6	Non-calcareous, laminarly banded, chloritic phyllite.
493.8 - 498.3	5D3	Laminarly banded, variably calcareous, chloritic phyllite.
498.3 - 501.5	5D5	Banded/laminated, variably calcareous, chloritic phyllite
501.5 - 505.7	4L7	Sulphide-bearing siliceous to tuffaceous exhalite, pyrrhotite-bearing.
505.7 - 508.2	4L3	Sulphide-bearing siliceous to tuffaceous exhalite, fine pyrite/marcasite-bearing.
508.2 - 509.5	4D0	Base metal-bearing, pyritic quartzite.
509.5 - 510.3	4C8	Magnetite-bearing, pyritic quartzite.
510.3 - 510.6	4D7	Pyrrhotite-bearing, pyritic quartzite.
510.6 - 511.5	4L3	Sulphide-bearing siliceous to tuffaceous exhalite, fine pyrite/marcasite-bearing.
511.5 - 513.1	4C8	Sphalerite/galena-bearing, pyritic quartzite.
513.1 - 515.2	4C0	Base metal-poor, pyritic quartzite.
515.2 - 517.9	4C7	Pyrrhotite-bearing pyritic quartzite.
517.9 - 518.2	5D6	Barite-bearing, pyritic quartzite.
518.2 - 518.9	4C7	As above.
518.9 - 519.9	5D6	As above.
519.9 - 522.5	4D8	Magnetite-bearing pyritic quartzite.
522.5 - 528.5	4C8	Base metal-poor, magnetite-bearing pyritic quartzite.

Summary Log  
DDH 79-X-08

Metres

528.5 - 529.3	4L0	Sulphide-bearing siliceous to tuffaceous exhalite.
529.3 - 536.8	4C8	Base metal-poor, magnetite-bearing pyritic quartzite.
536.8 - 537.4	4E0	Massive pyritic sulphides.
537.4 - 538.6	4C8	As above.
538.6 - 541.0	4C0	Base metal-poor, pyritic quartzite.
541.0 - 543.1	4C8	As above.
543.1 - 543.5	4C0	As above.
543.5 - 544.4	4K1	Carbonate-bearing siliceous massive pyritic sulphides.
544.4 - 544.8	4C7	Pyrrhotite-bearing pyritic quartzite.
544.8 - 545.6	4C8	Base metal-poor, magnetite bearing pyritic quartzite.
545.6 - 547.2	4K0	Carbonate-bearing massive pyritic sulphides.
547.2 - 550.4	4C0	Base metal-poor, pyritic quartzite.
550.4 - 550.7	4C8	As above.
550.7 - 551.3	4C8	As above.
551.3 - 552.0	4D8	Magnetite bearing, pyritic quartzite.
552.0 - 554.0	4L7	Sulphide-bearing siliceous to tuffaceous exhalite pyrrhotite-bearing.
554.0 - 554.5	4L2	Sulphide-bearing siliceous to tuffaceous exhalite, coarse, porphyroblastic pyrite-bearing.
554.5 - 555.5	4L7	As above.
555.5 - 558.0	5B6	Non-calcareous muscovite-chlorite-biotite phyllite.
558.0 - 566.7	4L7	Sulphide-bearing siliceous to tuffaceous exhalite, pyrrhotite-bearing.
566.7 - 567.1	4H0	Pyrrhotitic facies, massive sulphides.
567.1 - 567.4	4L7	As above.
567.4 - 568.1	4L1	Sulphide-bearing siliceous to tuffaceous exhalite, pyrrhotite-bearing.

Summary Log  
DDH 79-X-08

Metres

568.1 - 569.0	4L1	Sulphide-bearing siliceous to tuffaceous exhalite, pyrrhotite-bearing.
569.0 - 572.0	4G4	Baritic facies, massive sulphides/sulfates, sphalerite/galena-bearing.
572.0 - 572.8	4A4	Sulphide-bearing, ribbon-banded, graphitic quartzite, sphalerite/galena-bearing.
572.8 - 573.2	4A0	Sulphide-bearing, ribbon-banded, graphitic quartzite.
573.2 - 574.2	4E0	Massive pyritic sulphides.
574.2 - 574.4	4A0	As above.
574.4 - 477.7	4C7	Pyrrhotite-bearing, pyritic quartzite.
577.7 - 578.3	4A7	Sulphide-bearing, ribbon-banded, graphitic quartzite, pyrrhotite-bearing.
578.3 - 579.7	5A1	Variably calcareous siliceous graphitic phyllite (Hosts Unit 4).
579.7 - 581.9	4L7	Sulphide-bearing siliceous to tuffaceous exhalite, pyrrhotite-bearing.
581.9 - 584.4	5B6	Non-calcareous muscovite-chlorite-biotite phyllite.
584.4 - 585.3	4L6	Sulphide-bearing siliceous to tuffaceous exhalite, barite-bearing.
585.3 - 586.6	5B6	As above.
586.6 - 588.3	4A0	Sulphide-bearing, ribbon-banded graphitic quartzite.
588.3 - 588.7	4L2	Sulphide-bearing siliceous to tuffaceous exhalite, coarse porphyroblastic pyrite-bearing.
588.7 - 589.1	4A0	Sulphide-bearing, ribbon-banded, graphitic quartzite.
589.1 - 592.4	4C7	Pyrrhotite-bearing, pyritic quartzite.
592.4 - 592.9	4A0	Sulphide-bearing, ribbon-banded, graphitic quartzite.
592.9 - 593.8	4L6	Sulphide-bearing siliceous to tuffaceous exhalite, barite-bearing.
593.8 - 594.4	4L7	Sulphide-bearing siliceous to tuffaceous exhalite, pyrrhotite-bearing.

Summary Log  
DDH 79-X-08

Metres

594.4 - 597.2	4L6	Sulphide-bearing siliceous to tuffaceous exhalite, barite-bearing.
597.2 - 597.5	4C0	Base metal-poor, pyritic quartzite.
597.5 - 598.0	4K0	Carbonate-bearing, massive pyritic sulphides.
598.0 - 599.2	4C0	As above.
599.2 - 600.2	4E0	Massive pyritic sulphides.
600.2 - 605.3	4L0	Sulphide-bearing siliceous to tuffaceous exhalite.
605.3 - 606.2	4C7	Pyrrhotite-bearing, pyritic quartzite.
606.2 - 608.0	4L7	Sulphide-bearing siliceous to tuffaceous exhalite, pyrrhotite-bearing.
608.0 - 610.2	4C7	As above.
610.2 - 610.3	4A0	Sulphide-bearing, ribbon-banded, graphitic quartzite.
610.3 - 614.0	5B0	Calcareous, muscovite-chlorite-biotite phyllite.
614.0 - 616.2	5A1	Variably calcareous, siliceous graphitic phyllite (Host Unit 4).
616.2 - 613.8	4C7	As above.
613.8 - 620.5	4L0	Sulphide-bearing siliceous to tuffaceous exhalite.
620.5 - 623.3	4E8	Massive pyritic sulphides, magnetite-bearing.
622.3 - 624.6	4G8	Baritic facies, massive sulphides/sulphates, magnetic bearing.
624.6 - 628.9	5B6	Non-calcareous muscovite-chlorite-biotite phyllite.
628.9 - 630.6	4L1	Sulphide-bearing siliceous to tuffaceous exhalite.
630.6 - 640.9	5D3	Calcareous, laminarly-banded, chloritic phyllite.
640.9 - 642.5	5B7	Calcareous, muscovite-chlorite-biotite phyllite, tuffaceous.
642.5 - 660.8	5B0	Calcareous, muscovite-chlorite-biotite phyllite.
660.8 - 672.0	5B2	Carbonaceous, calcareous, muscovite-chlorite-biotite phyllite.

Summary Log  
DDH 79-X-08

Metres

672.0 - 673.9	5B7	Calcareous, muscovite-chlorite-biotite phyllite, tuffaceous.
673.9 - 675.2	5B2	Carbonaceous, calcareous, muscovite-chlorite-biotite phyllite.
675.2 - 676.3	4A4	Sphalerite-galena bearing, ribbon banded, graphitic quartzite.
676.3 - 679.1	4G0	Baritic facies, massive sulphides/sulphates.
679.1 - 681.5	4A4	Sphalerite/galena bearing, ribbon-banded, graphitic quartzite.
681.5 - 689.1	4A0	Sulphide-bearing, ribbon banded, graphitic quartzite.
689.1 - 689.4	5D6	Non-calcareous, laminarly banded, chloritic phyllite.
689.4 - 692.9	4A0	As above.
692.9 - 695.1	4L1	Sulphide-bearing siliceous to tuffaceous exhalite.
695.1 - 696.6	4A0	As above.
696.6 - 699.8	5B6	Non-calcareous, muscovite-chlorite-biotite phyllite.
699.8 - 701.0	4L1	Sulphide-bearing siliceous to tuffaceous exhalite.
701.0 - 706.9	5B6	As above.
706.9 - 709.2	4L0	Sulphide-bearing siliceous to tuffaceous exhalite.
709.2 - 718.5	5B6	As above.
718.5 - 722.8	5B0	Calcareous, muscovite-chlorite-biotite phyllite.
722.8 - 726.8	5B6	As above.
726.8 - 730.5	4L6	Sulphide-bearing siliceous to tuffaceous exhalite, barite-bearing.
730.5 - 732.3	4L6	As above.
732.3 - 733.5	4L6	As above.
733.5 - 737.1	4L7	Sulphide-bearing siliceous to tuffaceous exhalite, pyrrhotite-bearing.
737.1 - 738.6	5B7	Calcareous, muscovite-chlorite-biotite phyllite, tuffaceous.

Summary Log  
DDH 79-X-08

Metres

738.6 - 740.0	4L7	Sulphide-bearing siliceous to tuffaceous exhalite, pyrrhotite-bearing.
740.0 - 741.8	5B7	Calcareous, musc ovite-chlorite-biotite phyllite, tuffaceous.
741.8 - 744.6	5D3	Calcareous, laminarly banded, chloritic phyllite.
744.6 - 748.7	5B7	As above.
748.7 - 750.0	4L7	Sulphide-bearing siliceous to tuffaceous exhalite, pyrrhotite-bearing.
750.0 - 752.4	4A4	Sphalerite-galena bearing, ribbon banded, graphitic quartzite.
752.4 - 755.7	4A7	Sulphide-bearing, ribbon banded, graphitic quartzite, pyrrhotite-bearing.
755.7 - 756.7	5D0	Laminarly banded, variably calcareous, chloritic phyllite.
756.7 - 757.3	4A0	Sulphide-bearing, ribbon banded, graphitic quartzite.
757.3 - 759.4	4C0	Base metal-poor, pyritic quartzite.
759.4 - 761.0	5D3	Calcareous, laminarly banded, chloritic phyllite.
761.0 - 761.8	4L7	Sulphide-bearing siliceous to tuffaceous exhalite, pyrrhotite-bearing.
761.8 - 764.0	4L1	Sulphide-bearing siliceous to tuffaceous exhalite.
764.0 - 765.6	4L7	As above.
765.6 - 767.8	5B2	Carbonaceous, calcareous, muscovite-chlorite-biotite phyllite.
767.8 - 782.5	5B7	Calcareous, muscovite-chlorite-biotite phyllite, tuffaceous.
782.5 - 784.3	5B2	As above.
784.3 - 787.7	4L7	As above.
787.7 - 790.3	3G0	Non-calcareous, muscovite-chlorite-biotite phyllite/schist, undifferentiated.
790.3 - 792.4	3B0	Chloritic phyllite/schist.

Summary Log  
DDH 79-X-08

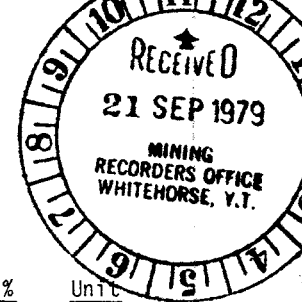
Metres

792.4 - 798.0	4L6	Sulphide-bearing siliceous to tuffaceous exhalite, barite-bearing.
798.0 - 799.2	4L7	Sulphide-bearing siliceous to tuffaceous exhalite, pyrrhotite-bearing.
799.2 - 808.1	3G7	Non-calcareous, muscovite-chlorite-biotite phyllite/schist, undifferentiated, tuffaceous.
808.1 - 814.4	3B0	Chloritic phyllite/schist.
814.4 - 821.4	4L7	As above.
821.4 - 822.9	3F0	Marble and silicated marble.
822.9 - 824.1	4I0	Sulphide-bearing siliceous to tuffaceous exhalite.
824.1 - 832.6	3B0	Chloritic phyllite/schist.
832.6 - 833.8	4I0	As above.
833.8 - 836.9	3G0	Non-calcareous, muscovite-chlorite-biotite phyllite/schist, undifferentiated.

END OF HOLE

## GEOCHEMICAL LOG

Kamloops Research &amp; Assay Lab.



From	To	Int.	Samp. No.	Ag/AA GMS/MT	Ag/FA GMS/MT	Pb %	Zn %	Pb+Zn %	S.G.	Cu %	BaO %	Au GMS/MT	Po %	Py %	Hg %	Unit
502.5	503.6	1.1	2857	12.0		0.53	0.20			0.17						4L7,5
503.6	505.5	1.9	2858	5.0		0.19	0.17			0.05						4L7,5
505.5	507.0	1.5	2859	5.0		0.24	0.10			0.02						4L3,7
507.0	508.2	1.2	2860	5.0		0.14	0.27			0.03						4L3,7
508.2	509.5	1.3	2861	38.0		2.98	2.57	5.55		0.19						4D0
509.5	510.6	1.1	2862	46.0		3.71	2.95	6.66		0.12						4G3/4D7
510.6	511.5	0.9	2863	8.0		0.45	0.16	0.61		0.06						4L3,7,4
511.5	513.1	1.6	2864	21.0		1.49	1.14	2.63		0.36						4C8
513.1	515.2	2.1	2865	24.0		0.36	0.36			0.48						4C0
515.2	516.6	1.4	2866	11.0		0.05	0.08			0.40						4C7
516.6	517.9	1.3	2867	12.0		0.05	0.09			0.53						4C7
517.9	518.2	0.3	2868	13.0		0.17	0.07			0.38						5D6
518.2	518.9	0.7	2869	8.0		0.05	0.09			0.32						4C7,8,9
518.9	519.9	1.0	2870	4.0		0.02	0.04			0.24						5D6
519.9	521.4	1.5	2871	22.0		0.92	0.67	1.59		0.64						4D8
521.4	522.5	1.1	2872	20.0		0.77	0.61	1.38		0.44						4D8
522.5	524.5	2.0	2873	18.0		0.54	1.31	1.85		0.61						4C8
524.5	526.5	2.0	2874	18.0		0.81	2.78	3.59		0.22						4C8
526.5	528.5	2.0	2875	15.0		0.44	0.32			0.45						4C8
528.5	529.3	0.8	2876	6.0		0.03	0.04			0.04						4L0
529.3	531.3	2.0	2877	13.0		0.26	0.20			0.39						4C8
531.3	533.3	2.0	2878	15.0		0.26	0.38			0.43						4C8
533.3	535.3	2.0	2879	3.0		0.04	0.05			0.04						4C8
535.3	536.8	1.5	2880	15.0		0.10	0.06			0.49						4C8
536.8	537.4	0.6	2881	14.0		0.10	0.09			0.60						?
537.4	538.6	1.2	2882	15.0		0.15	0.07			0.48						4C8
538.6	539.9	1.3	2883	24.0		1.21	0.91	2.12		0.39						4C0
539.9	541.5	1.6	2884	19.0		0.83	0.44			0.41						4C0
541.5	543.5	2.0	2885	21.0		0.89	0.60			0.39						4C0
543.5	544.4	0.9	2886	21.0		0.98	0.60			0.23						4K1,7
544.4	545.6	1.2	2887	32.0		0.65	0.25			0.35						4C7,8
545.6	547.2	1.6	2888	12.0		0.43	0.60			0.21						4K0
547.2	549.2	2.0	2889	66.0		3.73	4.88	8.61		0.25						4G0
549.2	550.4	1.2	2890	35.0		1.84	1.43	3.27		0.21						4G0

## GEOCHEMICAL LOG

DY 79-X-08

Page 2 of 4

From	To	Int.	Samp. No.	Ag/AA GMS/MT	Ag/FA GMS/MT	Pb %	Zn %	Pb+Zn %	S.G.	Cu %	BaO %	Au GMS/MT	Po %	Py %	Hg %	Unit
550.4	551.3	0.9	2891	12.0		0.32	0.37			0.29						4C8/4G8
551.3	552.0	0.7	2892	28.0		1.93	2.00	3.93		0.16						4C8
552.0	554.0	2.0	2893	8.0		0.25	0.30			0.06						4L7,4
554.0	555.5	1.5	2894	10.0		0.53	0.28			0.10						4L7/4L2,7,8
558.0	560.0	2.0	2895	2.0		0.01	0.03			0.02						4L7
560.0	562.0	2.0	2896	4.0		0.09	0.08			0.02						4L7
562.0	564.0	2.0	2897	2.0		0.02	0.04			0.02						4L7
564.0	566.0	2.0	2898	3.0		0.07	0.06			0.04						4L7
566.0	566.7	0.7	2899	3.0		0.09	0.10			0.03						4L7
566.7	567.1	0.4	2900	18.0		0.92	1.03	1.95		0.21						4H0
567.1	568.1	1.0	2951	14.0		0.59	0.46	1.05		0.29						4L7/4L1,7
568.1	569.0	0.9	2952	27.0		1.90	1.37	3.27		0.21						4D8
569.0	569.5	0.5	2953	11.0		0.63	0.67	1.30		0.12						4L1,2,7
569.5	572.0	2.5	2954	57.0		3.96	4.28	8.24		0.23						4G4,8
572.0	573.2	1.2	2955	29.0		1.88	3.60	5.48		0.10						4A4/4A0
573.2	574.2	1.0	2956	19.0		0.20	0.11			0.29						4K1/4E0
574.2	576.2	2.0	2957	19.0		0.77	0.42			0.22						4A0/4C7
576.2	577.7	1.5	2958	20.0		0.55	0.20			0.20						4C7
577.7	579.7	2.0	2959	5.0		0.07	0.09			0.03						5A7,9/5A1
579.7	581.9	2.2	2960	3.0		0.01	0.02			0.06						4L7
586.6	588.3	1.7	2961	6.0		0.30	0.53			0.04						4A0
588.3	588.7	0.4	2962	3.0		0.06	0.29			0.09						4L2,7
588.7	589.1	0.4	2963	4.0		0.06	0.39			0.04						4A0
589.1	592.4	3.3	2964	4.0		0.08	0.28			0.08						4C7
592.4	592.9	0.5	2965	4.0		0.10	0.06			0.03						4A0
592.9	593.8	0.9	2966	20.0		0.34	0.45			0.49						4L6,7
593.8	595.8	2.0	2967	1.0		0.01	0.01			0.03						4L7/4L6,7
595.8	597.2	1.4	2968	4.0		0.24	0.02			0.02						4L6,7
597.2	597.5	0.3	2969	30.0		1.79	1.37	3.16		0.24						4C0
597.5	598.0	0.5	2979	16.0		0.42	0.74			0.35						4K0
598.0	599.2	1.2	2980	16.0		0.82	0.39			0.33						4K0

## GEOCHEMICAL LOG

DY 79-X-08

Page 3 of 4

<u>From</u>	<u>To</u>	<u>Int.</u>	<u>Samp.</u> <u>No.</u>	<u>Ag/AA</u> <u>GMS/MT</u>	<u>Ag/FA</u> <u>GMS/MT</u>	<u>Pb %</u>	<u>Zn %</u>	<u>Pb+Zn</u> <u>%</u>	<u>S.G.</u>	<u>Cu %</u>	<u>BaO %</u>	<u>Au</u> <u>GMS/MT</u>	<u>Po %</u>	<u>Py %</u>	<u>Hg %</u>	<u>Unit</u>
599.2	600.2	1.0	2981	14.0		0.51	0.21			0.48						4E0
600.2	602.3	2.1	2982	4.0		0.19	0.21			0.02						4L0
602.3	605.3	3.0	2983	5.0		0.13	0.11			0.22						4L0
605.3	606.2	0.9	2984	8.0		0.30	0.03			0.36						4C7
606.2	608.0	1.8	2985	5.0		0.13	0.03			0.24						4L7
608.0	610.2	2.2	2986	11.0		0.38	0.76			0.11						4C7
610.2	610.8	0.6	2987	5.0		0.04	0.02			0.02						4A0
616.2	617.8	1.6	2988	6.0		0.14	1.02			0.11						4C7,8
617.8	618.8	1.0	2989	5.0		0.17	0.33			0.10						4C7,8
618.8	620.5	1.7	2990	3.0		0.05	0.43			0.02						4L6,5
620.5	622.0	1.5	2991	40.0		2.50	1.37	3.87		0.36						4E8,7
622.0	623.3	1.3	2992	24.0		1.87	1.11	2.98		0.20						4E8,7
623.3	624.6	1.3	2993	53.0		4.20	3.60	7.80		0.19						4G8
675.2	676.3	1.1	2994	25.0		1.56	2.99	4.55		0.04						4A4
676.3	677.7	1.4	2995	86.0		4.61	5.76	10.37		0.17						4G0
677.7	679.1	1.4	2996	112.0		4.94	6.34	11.28		0.15						4G0
679.1	680.5	1.4	2997	48.0		2.64	4.02	6.66		0.04						4A4
680.5	681.5	1.0	2998	38.0		2.30	3.84	6.14		0.03						4A4
681.5	683.5	2.0	2999	25.0		1.57	2.40	3.97		0.04						4A0
683.5	685.5	2.0	3000	13.0		0.69	0.91	1.60		0.05						4A0
685.5	687.5	2.0	701	13.0		0.74	1.35	2.09		0.04						4A0
687.5	689.1	1.6	702	13.0		0.65	0.96	1.61		0.06						4A0
689.1	689.4	0.3	703	3.0		0.03	0.03	0.06		0.02						5D6
689.4	691.0	1.6	704	16.0		0.81	0.92	1.73		0.07						4A0
691.0	692.9	1.9	705	18.0		0.92	1.41	2.33		0.06						4A0
692.9	695.1	2.2	706	17.0		1.21	1.38	2.59		0.06						4L1,7
695.1	696.6	1.5	707	14.0		0.90	2.08	2.98		0.03						4A0





CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 80-X-01

Fabric Orientation Diagram:

Project: DY

Location: Vangorda Plateau

Claim: DY-183 93116

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

\_\_\_\_\_ E

Grid Co-ords.: L12+00E

Inclination: 225 S

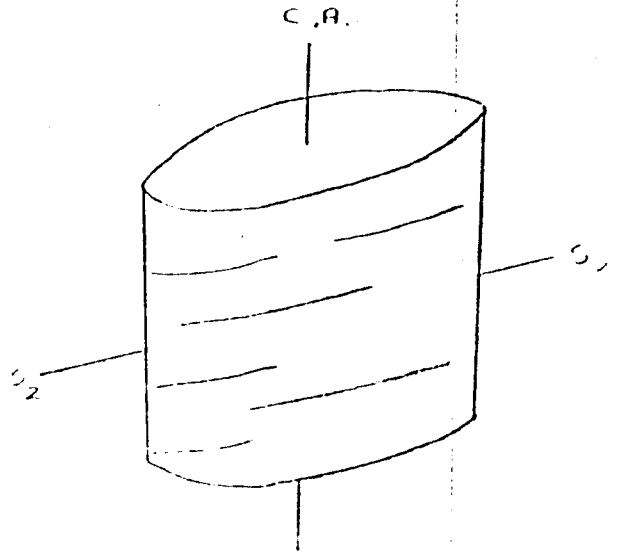
Elevation: \_\_\_\_\_

Total Depth: 946.3 meters

Purpose: Intersect extension of 79-X-12, Horizon 4

Logged by: B.Hall/L.Pigage Date(s) Logged: 1-4-80/ 22-4-80

Drilling Contractor:	<u>Arctic Diamond Drilling</u>	Core:	Size	From	To	Collar Cased and Capped:	<u>No</u>
			<u>NQ</u>	<u>22.8</u>	<u>946.3</u>		
			_____	_____	_____		
			_____	_____	_____		



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

Started: March 22/80 Completed: April 20/80

SUMMARY LOG

DDH 80-X-01

<u>Metres</u>		
0.0 - 22.8		Overburden.
22.8 - 235.6	5B0	Calcareous to non-calcareous sericite-chlorite quartz phyllites.
235.6 - 260.5	0D2	Altered porphyritic quartz diorite.
260.5 - 272.7	5B2,7,3	Calcareous chlorite-sericite quartz phyllite, variably chloritic and graphitic.
272.7 - 283.1	5D3	Calcareous chlorite phyllite and interbanded metabasite.
283.1 - 335.5	5B2,7,3	Calcareous chlorite-sericite quartz phyllite, variably chloritic and graphitic.
335.5 - 354.6	5D3	Calcareous chloritic phyllite.
354.6 - 493.1	5B2,7,3	Calcareous chlorite-sericite quartz phyllite, variably chloritic and graphitic.
493.1 - 516.1	5D3	Calcareous chloritic phyllite.
516.1 - 530.9	5B2	Graphitic-sericite-chlorite-quartz phyllite.
530.9 - 535.1	5C3	Metabasite.
535.1 - 635.5	5D0	Chloritic phyllite, variably altered.
635.5 - 664.8	5B2,7,3	Calcareous chlorite-sericite quartz phyllite, variably chloritic and graphitic.
664.8 - 666.9	5A0	Graphitic phyllite.
666.9 - 710.6	5B2,7,3	Calcareous chlorite-sericite quartz phyllite, variably chloritic and graphitic.
710.6 - 710.9	4H0	Pyrrhotitic massive sulphides.
710.9 - 711.1	5B2	Graphitic-sericite-chlorite quartz phyllite.
711.1 - 714.6	4G0	Baritic massive sulphides.
714.6 - 717.0	4A0	Ribbon-banded, graphitic massive sulphides.
717.0 - 721.2	4G8	Magnetite-bearing, baritic massive sulphides.

721.2 - 724.5	4L7	Pyrrhotitic sericite-quartz-chlorite phyllite. (Alteration overprint).
724.5 - 724.8	4E8	Pyritic massive sulphides.
724.8 - 725.2	4L3	Sericite-quartz-chlorite phyllite. (Alteration overprint).
725.2 - 726.4	5A0	Graphitic phyllite.
726.4 - 727.3	5D3	Calcareous chloritic phyllite.
727.3 - 757.3	5B0,6	Variably calcareous sericite-chlorite-quartz phyllite.
757.3 - 758.8	4G0	Baritic massive sulphides.
758.8 - 761.6	4K0	Ankerite-bearing massive pyritic sulphides.
761.6 - 762.6	4C0	Pyritic quartzite.
762.6 - 767.8	4K0	Ankerite-bearing massive pyritic sulphides.
767.8 - 771.1	4E0	Massive pyritic sulphides.
771.1 - 797.7	4L7	Pyrrhotitic sericite-quartz - chlorite phyllite. (Alteration overprint).
797.7 - 812.9	4K0	Ankerite-bearing massive pyritic sulphides.
812.9 - 815.6	4L7	Pyrrhotitic sericite-quartz-chlorite phyllite. (Alteration overprint).
815.6 - 832.4	5A0	Graphitic phyllite.
837.4 - 838.9	4E0	Massive pyritic sulphides.
838.9 - 853.6	4A0	Ribbon-banded, graphitic massive sulphides.
853.6 - 861.4	4L7	Pyrrhotitic sericite-quartz-chlorite phyllite. (Alteration overprint).
861.4 - 869.1	4A0	Ribbon-banded, graphitic massive sulphides.
869.1 - 879.2	4L7	Pyrrhotitic sericite-quartz-chlorite phyllite. (Alteration overprint).
879.2 - 893.8	5A*	Graphitic phyllite, Mt. Mye-Vangorda Formation boundary.
893.8 - 903.9	3G0	Non-calcareous sericite-chlorite-quartz <sup>±</sup> biotite phyllite.

903.9 - 941.1	3D2,4,5	Calc-silicate.
941.1 - 946.3	OF5	Pegmatite.

END OF HOLE

GEOCHEMICAL LOG

Kamloops Research and Assay Lab.

<u>From</u>	<u>To</u>	<u>Int.</u>	<u>Samp. No.</u>	<u>Ag/AA GM/MT</u>	<u>Ag/Fa GM/MT</u>	<u>Pb %</u>	<u>Zn %</u>	<u>Pb+Zn %</u>	<u>S.G.</u>	<u>Cu %</u>	<u>BaO %</u>	<u>Au GMS/MT</u>	<u>Po %</u>	<u>Py %</u>	<u>Hg %</u>	<u>Mn %</u>	<u>Unit</u>
710.6	710.9	0.3	3521	29.0		2.15	1.37	3.52		0.19							4H
711.1	712.1	1.0	3522	48.0		3.20	2.36	5.56		0.44							4G
712.1	713.3	1.2	3523	41.0		2.94	2.62	5.56		0.26							4G
713.3	714.6	1.3	3524	32.0		2.31	1.83	4.14		0.20							4G
714.6	717.0	2.4	3525	25.0		1.38	1.95	3.33		0.10							4A
717.0	719.0	2.0	3526	56.0		4.04	3.94	7.98		0.26							4G
719.0	721.2	2.2	3527	46.0		2.92	2.28	5.20		0.35							4G
722.6	724.5	1.9	3528	6.0		0.56	0.88	1.44		0.06							4L
724.5	724.8	0.3	3529	29.0		2.29	1.68	3.97		0.26							4E
757.3	758.8	1.5	3530	98.0		7.10	7.78	14.88		0.06							4G
758.8	759.6	0.8	3531	60.0		3.77	3.28	7.05		0.21							4K
759.6	761.6	2.0	3532	78.0		5.98	5.12	11.10		0.18							4K
761.6	762.6	1.0	3533	16.0		0.43	0.48	0.91		0.26							4C
762.6	764.2	1.6	3534	9.0		0.33	0.49	0.82		0.13							4A
764.2	766.4	2.2	3535	18.0		1.20	0.72	1.92		0.29							4K
766.4	766.8	0.4	3536	61.0		5.15	8.57	13.72		0.14							4E
766.8	767.8	1.0	3537	45.0		3.54	1.53	5.07		0.72							4K
767.8	768.3	0.5	3538	63.0		4.72	9.43	14.15		0.05							4D
768.3	769.4	1.1	3539	48.0		2.02	2.54	4.56		0.52							4E
769.4	771.1	1.7	3540	28.0		0.44	0.46	0.90		0.50							4E
798.4	799.3	0.9	3541	49.0		2.36	2.98	5.34		0.09							4K
799.3	799.8	0.5	3542	59.0		2.93	5.21	8.14		0.11							4G
799.8	801.4	1.6	3543	41.0		2.52	1.94	4.46		0.24							4K
801.4	803.4	2.0	3544	40.0		2.95	2.74	5.69		0.25							4K
803.4	805.0	1.6	3545	29.0		0.92	0.34	1.26		0.26							4K
805.0	806.3	1.3	3546	19.0		0.45	0.18	0.63		0.09							4K
806.3	807.7	1.4	3547	20.0		0.29	0.12	0.41		0.15							4K
807.7	809.4	1.7	3548	16.0		0.47	0.17	0.64		0.25							4K
809.4	811.1	1.7	3549	40.0		2.48	1.34	3.82		0.24							4K
811.1	812.9	1.8	3550	20.0		1.54	0.93	2.47		0.30							4K



Cyprus Anvil Mining Corporation

330, 355 Burrard Street  
Vancouver, British Columbia  
V6C 2G8  
Telephone (604) 687-2586  
Telex 04508594



ADMINISTRATIVE CHARGE

Assessment Work Submitted:	DDH 79-X-01
Date :	May 16th, 1979
Amount Submitted :	\$50,026.75

As the above costs do not include salaries, food and lodging of supervisory personnel, or office overhead costs, we are including with this submission an Administrative Charge in the amount of \$5,002.67, being 10% of the total costs submitted.

*C. Malish*

C. Malish  
Asst. to Comptroller

# ARCTIC DIAMOND DRILLING LTD.

184 Industrial Road, Whitehorse, Yukon Y1A 2V1 (403) 667-6434

INVOICED #0055

May 15, 1979



WORK DONE DURING THE PERIOD  
MAY 9 - MAY 26, 1979

IN ACCOUNT WITH:

Cyprus Anvil Mining Corporation  
330 - 355 Burrard Street,  
Vancouver, B.C.  
V6C 2G8

Drilling charges to May 15, 1979

Hole: #DY79-01 - 90' x NQ

Core Drilling

0 - 2500 = 2500 ft. @ \$19.75 per ft. = \$49,375.00

2500 - 2533 = 33 ft. @ 24.25 per ft. = 800.25

\$50,175.25

Less invoiced on our invoice #2052 50,026.75 \$ 148.50

Testing

14 man hours @ \$17.50 per hour = \$245.00

7 machine hours @ \$10.50 per hour = 73.50 \$ 318.50 \$ 467.00

Hole #79-02 - 90' x NQ

Use of Cat

Apr. 14/79 - 5 man hrs. @ \$17.50 per hr. = \$ 87.50

5 machine hrs. @ \$30.00 per hr. = 150.00 \$ 237.50

Core Drilling

1614 - 2243 = 629 ft. @ \$19.75 per ft. = 12,422.75

Testing

10 man hours @ \$17.50 per hour = \$175.00

5 machine hours @ \$10.50 per hour = 52.50 227.50 \$12,887.75

Hole: #79-03 - 90' x NQ

Core Drilling

359 - 2141 = 1782 feet @ \$19.75 per foot = \$35,194.50

Hole: #79-04 - 90' x NQ

Core Drilling

0 - 817 = 817 feet @ \$19.75 per ft. = \$16,135.75

Testing

2 man hours @ \$17.50 per hour = \$35.00

1 machine hour @ \$10.50 per hour = 10.50 45.50 \$16,181.25

Hole: #SB79-01 - 90' x NQ

Testing

8 man hours @ \$17.50 per hour = \$140.00

4 machine hours @ \$9.50 per hour = 38.00 \$ 178.00



# ARCTIC DIAMOND DRILLING LTD.

184 Industrial Road, Whitehorse, Yukon Y1A 2V1 (403) 667-6634

INVOICE #1920  
May 31, 1977

IN ACCOUNT WITH:

Cyprus Anvil Mining Corporation,  
330 - 353 Burrard Street,  
Vancouver, B.C.  
V6C 2G8

WORK DONE DURING THE PERIOD  
MAY 20TH - JULY 6TH, 1977

Drilling charges for the period May 16 - 31, 1977.

Hole: #77x1 x 90° x NQ x BQ

Materials lost down hole

1 only NW shoe \$ 185.95  
18 only 10' lengths NQ rod @ \$51.65 ea. = 929.70

Plus 10%

Less 50%

\$ 185.95	
929.70	
<u>\$1,115.65</u>	
111.57	
<u>\$1,227.22</u>	
613.61	\$ 613.61
1408-08	4752301
\$4,304.75	
\$ 123.00	4752301
538.40	\$4,966.15

Hole: #77x2 x 90° x BQ x NQ

Core Drilling x BQ

2161 - 2418 = 257 feet @ \$16.75 per foot =

Testing

5 tests (3 only chargeable)  
6 man hours @ \$15.50 per hour = 93.00  
3 machine hours @ \$10.00 per hour = 30.00

Materials Left in Hole

1 only NW casing shoe \$185.95  
1 only 5' lengths HW casing 59.75  
13 only 2' lengths NW casing @ \$18.75 = 243.75  
\$489.45

Plus 10%

**PAID**

\* Hole: #77x3 x 90° x NQ x BQ

Core Drilling x NQ

0 - 1294 = 1294 feet @ \$17.75 per foot =

\$22,968.50

Hole: #77x4 x 90° x NQ x BQ

Overburden

0 - 3 = 3 feet @ \$17.75 per foot = \$ 53.25

Core Drilling x NQ

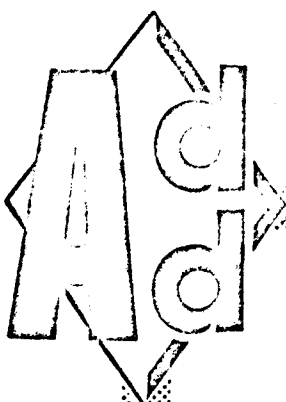
3 - 1069 = 1066 feet @ \$17.75 per foot = 18,921.50 \$18,974.75

TOTAL INVOICE

\$47,523.01



DD-147



# ARCTIC DIAMOND DRILLING LTD.

184 Industrial Road, Whitehorse, Yukon Y1A 2V1 (403) 667-6434

INVOICE #1924  
June 15, 1977

IN ACCOUNT WITH:

Cyprus Anvil Mining Corporation,  
330 - 353 Burrard Street,  
Vancouver, B.C.  
V6C 2G8

Drilling charges for the period June 1 - 15, 1977

Hole: #77x3 x 90° x NQ x BQ  
Core Drilling

1294 - 1423 = 129 feet @ \$17.75 per foot = \$2,289.75

Hole: #77x4 x 90° x NQ x BQ  
Core Drilling x NQ

1069 - 1763 = 694 ft. @ \$17.75 per foot = \$12,316.50

Core Drilling x BQ

1763 - 1959 = 196 ft. @ \$16.75 per foot = 3,283.00 \$15,601.50

Testing

12 man hours @ \$15.50 per hour = ~~\$186.00~~ \$186.00

6 machine hours @ \$10.00 per hour 60.00 246.00 \$15,847.50

TOTAL INVOICE

\$18,137.25

c.c. D. Hanson,  
Cyprus Anvil Mining Corp.,  
Faro, Yukon.

AMOUNT	AMOUNT
1408-08	18,137.25
	OK
	18,137.25
UP	(P)

*[Handwritten signature]*

PAID

081212-1979-5

# ARCTIC DIAMOND DRILLING LTD.



184 Industrial Road, Whitehorse, Yukon Y1A 2V1

INVOICE # 2073

August 10, 1979

IN ACCOUNT WITH:

CYPRUS ANVIL MINING CORPORATION  
330 353BURKard Street  
Vancouver, B.C.  
V6E 2G8

WORK DONE DURING THE PERIOD  
JULY 1-JULY 15, 1979

Drilling charge for the period ending July 15, 1979

Error between Invoice # 2055 & 2057 Footage not charged

<sup>A</sup> <sup>NB</sup>  
Hole #79-08-90'xNQ <sup>Dy</sup>  
Core Drilling  
817 - 991 = 174 ft @ 19.75 per ft. 3436.50

Hole #79-09-90xNQ <sup>Dy</sup>  
Overburden  
30-90=60 ft @ 19.75 per ft. 1185.00

Core Drilling  
90-1945 =1855 ft @ 19.75 per ft 36636.25 37821.25

Hole # 79-08-90'xNQ <sup>B 79-x-08 Dy</sup>  
Core Drilling  
696-2362=1666 ft @ 19.75 per ft 32903.50

Hole # V-300-90'xNQ <sup>VAM</sup>  
Core Drilling  
55-520 = 465 ft @ 19.75 per ft 9183.75

Testing  
10 Man hours @ 17.50 per hr 175.00  
5 Machine Hrs @ 9.50 per hr 47.50 222.50 9406.25

Hole V-101-90'xNQ <sup>VAM</sup>  
Overburden  
0-36=36 ft @ 19.75 per ft 711.00

Core Drilling  
36-520 =484 ft @ 19.75 per ft 9559.00

Testing  
10 Man hours @ 17.50 per hour 175.00  
5 Machine Hrs. @ 9.50 per hr. 47.50 222.50 10492.50

c/fwd.....94060.00

*Dy VAM  
as indicated  
OK JS*

# ARCTIC DIAMOND DRILLING LTD.

184 Industrial Road, Whitehorse, Yukon Y1A 2V1 (403) 667-6434

INVOICE #1917  
May 15, 1977.



IN ACCOUNT WITH:

Cyrpus Anvil Mining Corporation,  
330 - 353 Burrard Street,  
Vancouver, B.C.

Drilling charges for the period May 1 - 15, 1977			
<u>Hole: 77x1 - 90° x NQ x BQ</u>			
<u>Core Drilling x NQ</u>			
2027 - 2185 = 159 feet @ \$17.75 per foot =		\$2,822.25	
<u>Core Drilling x BQ</u>			
2185 - 2460 = 274 feet @ \$16.75 per foot =		4,589.50	
<u>Testing</u>			
Four Tests, two only chargeable			
6 man hours @ \$15.50 per hour =	\$93.00		
3 machine hours @ \$10.00 per hour =	30.00	123.00	\$ 7,534.75

<u>Hole: #77x2 - 90° x NQ x BQ</u>		
<u>Core Drilling x NQ</u>		
1200 - 2161 = 961 feet @ \$17.75 per foot =		\$17,057.75

TOTAL INVOICE

\$24,592.50

**PAID**

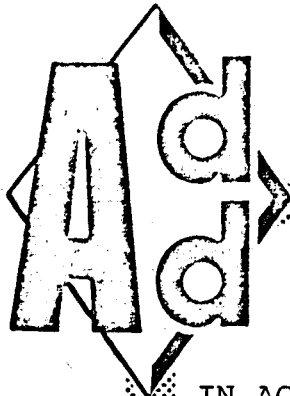
c.c. D. Hanson, Box 1000, Faro, Yukon.

ACCOUNT	AMOUNT
1408-08	24,592.50
TOTAL	24,592.50
PAID TO DAY	

*OK [Signature]*

*up*





# ARCTIC DIAMOND DRILLING LTD.

184 Industrial Road, Whitehorse, Yukon Y1A 2V1 (403) 667-6434

INVOICE # 2068  
July 13, 1979

IN ACCOUNT WITH:

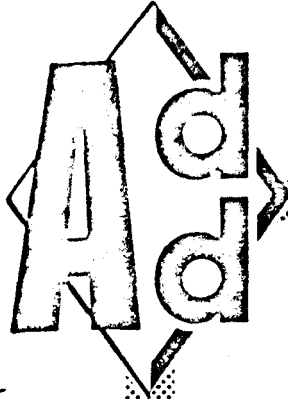
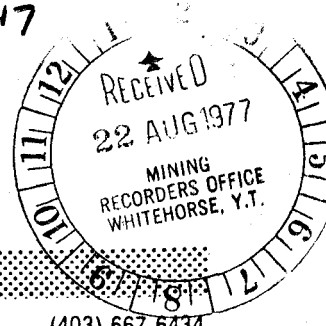
CYPRUS ANVIL MINING CORPORATION  
330 -353 Burrard Street  
Vancouver, B.C.  
V6C 2G8

Drilling charges for the period to June 30, 1979 .

<u>Hole #79-5-90xNQ</u> <i>dy</i>			
<u>Core Drilling</u>			
2087-2475 = 388 ft @ 19.75		7663.00	
<u>Testing</u>			
4 Man hrs @ 17.50 per hour	70.00		
2 Machine hrs. @ 10.50 per hr.	21.00	91.00	7754.00
<u>Hole # 79-9-90'xNQ</u>			
<u>Overburden</u>			
0-30 = 30 ft @ 19.75 per ft.			592.50
<u>Hole#79-6-90'x NQ</u> <i>dy</i>			
<u>Core Drilling</u>			
2446-2500 =54 ft @ 19.75 per ft.	1066.50		
2500-3000=500 ft @ 24.25 per ft	12125.00		
3000-3013=13 ft @ 28.75 per ft	373.75	13565.25	
<u>Testing</u>			
10 man hrs @ 17.50 per hr	175.00		
5 Machine hrs @ 10.00 per hr	50.00	225.00	13790.25
<u>Hole # 79-8-90'xNQ</u> <i>dy</i>			
<u>Overburden</u>			
0-40=40 ft @ 19.75 per ft		790.00	
<u>Core Drilling</u>			
40-696 =656 ft @ 19.75 per ft.		12,956.00	13746.00
<u>Hole #V-114-R(A)-90'xNQ</u> <i>VANGORDI</i>			
<u>Overburden</u>			
0-92=92ft @ 19.75 per ft.		1817.00	
<u>Core Drilling</u>			
92-633 =541 ft @ 19.75 per ft.		10684.75	
c/fwd.....		12501.75	35882.75

*OK JS.*

00-147



# ARCTIC DIAMOND DRILLING LTD.

184 Industrial Road, Whitehorse, Yukon Y1A 2V1 (403) 667-6434

INVOICE #1935

July 15, 1977

**IN ACCOUNT WITH:**

Cyprus Anvil Mining Corporation,  
330 - 353 Burrard Street,  
Vancouver, B.C.  
V6C 2G8

WORK DONE DURING THE PERIOD  
JULY 6TH - JULY 15TH, 1977

Drilling charges for the period July 1 - 15, 1977

<u>Hole: #77x3 x 90° x NQ x BQ</u>	<i>H O H O - BRAIN CLAIMS</i>		
<u>Core Drilling x BQ</u>			
2182 - 2500 = 318 feet @ \$16.75 per ft. =	\$5,326.50		
2500 - 2770 = 270 ft. @ \$21.00 per ft. =	<u>5,670.00</u>	\$10,996.50	
<u>Testing</u>			
4 tests, all chargeable			
12 man hours @ \$15.50 per hour =	\$186.00		
6 machine hours @ \$10.00 per hour =	<u>60.00</u>	\$ 246.00	\$11,242.50

<u>Hole: #77x4 x 90° x NQ x BQ</u>			
<u>Core Drilling x BQ</u>			
2467 - 2500 = 33 feet @ \$16.75 per ft. =	\$ 552.75		
2500 - 2789 = 289 feet @ \$21.00 per ft. =	<u>6,069.00</u>	\$ 6,621.75	
<u>Testing - 5 tests</u>			
12 man hours @ \$15.50 per hour =	\$186.00		
6 machine hours @ \$10.00 per hour =	<u>60.00</u>		
	<u>\$246.00</u>		
Less 2/5 - only 3 tests chargeable	<u>(98.40)</u>	\$ 147.60	\$ 6,769.35

<u>Hole: #77x5 x 90° x NQ x BQ</u>			
<u>Overburden x NQ</u>			
0 - 4 = 4 feet @ \$17.75 per foot =		\$ 71.00	
<u>Core Drilling x NQ</u>			
4 - 611 = 607 feet @ \$17.75 per foot =		<u>\$10,774.25</u>	\$10,845.25

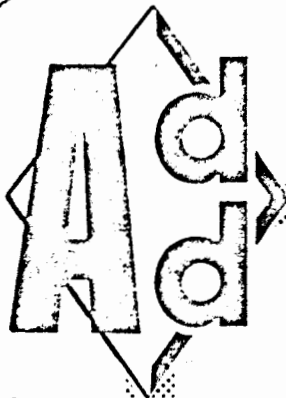
TOTAL INVOICE

\$28,857.10

c.c. D. Hanson, Faro, Yukon.

OK JS

DY



# ARCTIC DIAMOND DRILLING LTD.

184 Industrial Road, Whitehorse, Yukon Y1A 2V1 (403) 667-6434

Invoice #1929

June 30, 1977

IN ACCOUNT WITH:

Cyprus Anvil Mining Corporation,  
330 - 353 Burrard Street,  
Vancouver, B.C.  
V6C 2G8

WORK DONE DURING THE PERIOD  
JUNE 16TH - JULY 10TH, 1977

Drilling charges for the period June 16 - 30, 1977

<u>Hole: #77x3 x 90° x NQ x BQ</u>			
<u>Core Drilling x NQ</u>			
1423 - 1917 = 494 feet @ \$17.75 per foot =	\$8,768.50		
<u>Core Drilling x BQ</u>			
1917 - 2182 = 265 feet @ \$16.75 per ft. =	4,438.75	\$13,207.25	
<u>Testing - 5 tests</u>			
22 man hours @ \$15.50 per hour =	\$341.00		
11 machine hours @ \$10.00 per hour =	110.00		
	<u>\$451.00</u>		
Less 2/5 - only 3 tests chargeable	180.40	\$ 270.60	\$13,477.85

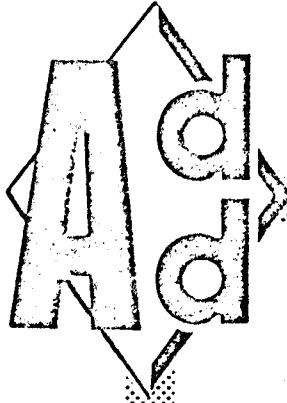
<u>Hole: #77x4 x 90° x NQ x BQ</u>	
<u>Core Drilling x BQ</u>	
1959 - 2467 = 508 feet @ \$16.75 per foot =	<u>\$ 8,509.00</u>

TOTAL INVOICE \$21,986.85

1408-08 21986.85

c.c. D. Hanson, Faro, Yukon.

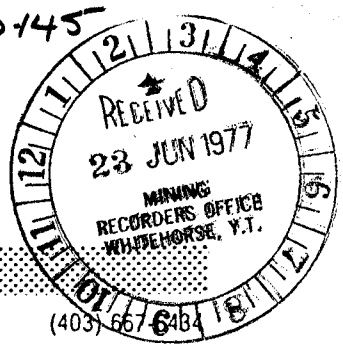
21986.85  
York  
PY



# ARCTIC DIAMOND DRILLING LTD.

184 Industrial Road, Whitehorse, Yukon Y1A 2V1

(403) 667-6484



INVOICE #1914

April 30/77

IN ACCOUNT WITH:

Cyprus Anvil Mining Corporation,  
330 - 353 Burrard Street,  
Vancouver, B.C.

Drilling charges for the period April 16 - 30, 1977

Hole: #77x1 x 90° x NQ x BQ

Core Drilling x NQ

1097 - 2027 = 930 feet @ \$17.75 per foot = \$16,507.50

Hole: #77x2 x 90° x NQ x BQ

Work done during the period April 21st -  
May 15th, 1977

Overburden

0 - 6 = 6 feet @ \$17.75 per foot = \$ 106.50

Core Drilling

6 - 1200 = 1194 feet @ \$17.75 per foot = 21,193.50 \$21,300.00

TOTAL INVOICE

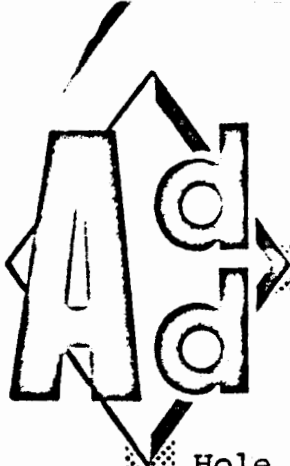
\$37,807.50

1408-08. 3780750  
3780750  
UP (P)

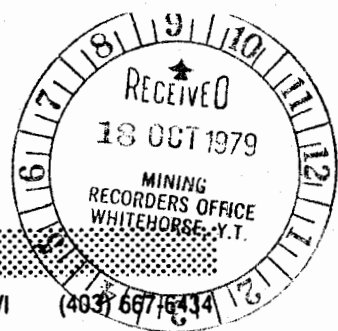
OK [Signature]

DY-

PAID



# ARCTIC DIAMOND DRILLING LTD.



184 Industrial Road, Whitehorse, Yukon Y1A 2V1

(403) 697-6334

B/Fwd..... 159011.75

WORK DONE DURING THE PERIOD  
AUGUST 27 - SEPTEMBER 22, 1979

Hole # 79-BC-2-90'xNQ

Overburden

0-422=422 ft @ 19.75 per ft 8334.50

Core Drilling

422- 802= 380 ft @ 19.75 per ft 7505.00

Testing

8 Man hrs @ 17.50 per hr. 140.00

4 Machine hrs @ 9.50 per hr 38.00 178.00 16017.50

Hole # 79-15-90'xNQ

Overburden

0-73=73 ft @ 19.75 per ft. 1441.75

Core Drilling

73-86=13 ft @ 19.75 per ft 256.75 1698.50

Hole #79-FO-3--90'xNQ

Core Drilling

534-1597=1063 ft @ 19.75 per ft 20994.25

Testing

16 Man hours @ 17.50 per hr 280.00

8 MXXM Machine hrs @ 9.50 per 76.00 356.00

Standbywaiting for Engineer

7 Man hrs @ 17.50 per hr 122.50 21472.75

Hole #79-BC-3-90'xNQ

Overburden

0-83=83 ft @ 19.75 per ft 1639.25

Camp Facilities - Meals

141 Man days @ 20.00 per day 2820.00

202,659.75

Safety Cementing of holes

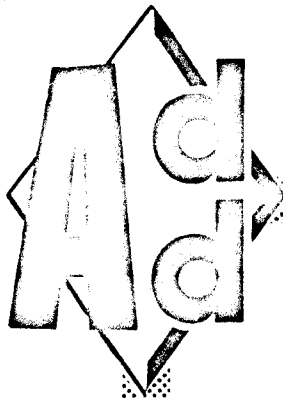
Not previously charged

Hole # 79-02- May 8, 1979

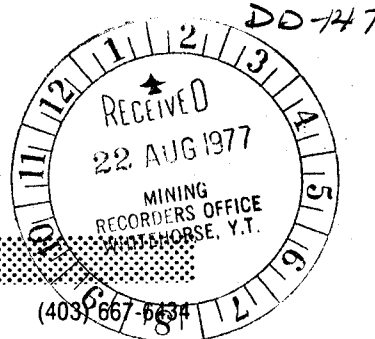
14 Man hours @ 17.50 per hr. 245.00

7 Machine hrs @ 10.00 per hr 70.00 315.00

C/Fwd..... 315.00 202,659.75



# ARCTIC DIAMOND DRILLING LTD.



184 Industrial Road, Whitehorse, Yukon Y1A 2V1

(403) 667-6634

INVOICE #1940

July 31, 1977

IN ACCOUNT WITH:

Cyprus Anvil Mining Corporation Ltd.,  
330 - 353 Burrard Street,  
Vancouver, B.C.  
V6C 2G8

WORK DONE DURING THE PERIOD  
JULY 16TH - JULY 31ST, 1977

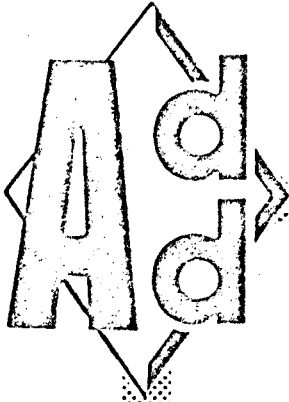
Drilling charges for the period July 16 - 31, 1977

<u>Hole: #77x5 x 90° x NQ x BQ</u>	
<u>Core Drilling x NQ</u>	
611 - 1647 = 1036 feet @ \$17.75 per foot =	\$18,389.00

<u>Hole: #77x6 x 90° x NQ x BQ</u>	
<u>Overburden x NQ</u>	
0 - 75 = 75 feet @ \$17.75 per foot =	\$ 1,331.25
<u>Core Drilling x NQ</u>	
75 - 1556 = 1481 feet @ \$17.75 per foot =	<u>26,287.75</u> <u>\$27,619.00</u>

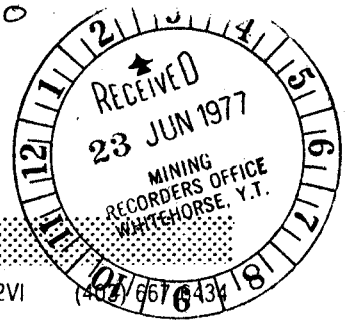
<b>TOTAL INVOICE</b>	<b><u><u>\$46,008.00</u></u></b>
----------------------	----------------------------------

c.c. D. Hanson, Cyprus Anvil Mining, Faro, Yukon.



Q 71844-Q 71860  
DY 185 (93118)  
1 HOLE  
105-K-0

# ARCTIC DIAMOND DRILLING LTD.



184 Industrial Road, Whitehorse, Yukon Y1A 2V1

INVOICE #1910  
April 15, 1977

IN ACCOUNT WITH:

Cyprus Anvil Mining Corporation,  
330 - 353 Burrard Street,  
Vancouver, B.C.

Drilling charges for the period April 1 - 15, 1977	
Hole: #77x1 x 90% x NQ x BQ	
Overburden x NQ	
0 - 10 = 10 feet @ \$17.75 per foot =	\$ 177;50
Core Drilling	
10 - 1097 = 1087 feet @ \$17.75 per foot =	19,294.25
	<u>\$19,471.75</u>
TOTAL INVOICE	<u><u>\$19,471.75</u></u>

AMOUNT	AMOUNT
1408-08	19471.75
	19471.75
VP	(P)

OK //S DY  
**PAID**  
~~1977~~

C. C. M. Parker

Ad  
Ad

# ARCTIC DIAMOND DRILLING LTD.

1070-4  
021211



184 Industrial Road, Whitehorse, Yukon Y1A 2V1 (403) 667-6434

INVOICE # 2057

June 8, 1979

IN ACCOUNT WITH:

WORK DONE DURING THE PERIOD  
MAY 30 - JUNE 29, 1979

Cyprus Anvil Mining Corporation  
330-335 Burrard Street  
Vancouver, B.C.  
V6C 2G8

Drilling charges for the period of May 15 - 31, 1979.

Hole # 79-04-90' x NO

Core Drilling

991-2261 = 1270ft. @ \$19.75 per ft. = \$25,082.50

Testing

12 Man hours @ \$17.50 per hour = \$210.00

6 Machine Hrs @ \$10.50 per hr = 63.00      273.00 25,355.50

Hole # 79-05-90' x NO

Core Drilling

0-386 = 386 ft @ \$19.75 per ft. 7,623.50

Hole #79-03-90' xNO

Core Drilling

2141-2500 = 359 ft @ \$19.75 per ft = \$7,090.25

2500-3000 = 500 ft @ \$24.25 per ft = 12,125.00

3000-3139 = 139 ft @ \$28.75 per ft = 3,996.25 23,211.50

Testing

19 Man hours @ \$17.50 per hour \$ 332.50

9½ Machine hrs @ \$10.50 per hr. 99.75 432.25  
23,643.75

Hole # 79-06-90' xNO

CORE Drilling

0-386 = 386 ft @ \$19.75 per ft 7,623.50



# ARCTIC DIAMOND DRILLING LTD.

184 Industrial Road, Whitehorse, Yukon Y1A 2V1 (403) 667-6434

INVOICE # 2061

June 28, 1979

IN ACCOUNT WITH:

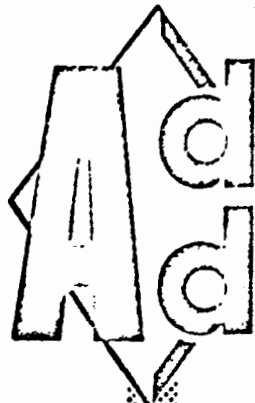
CYPRUS ANVIL MINING CORPORATION  
330-353 Burrard Street  
Vancouver, B.C.  
V6C 2G8

Drilling Charges for June 1-15 , 1979.

<u>Hole #79-5-90'xNQ</u>			
<u>Core Drilling</u>			
386-2087 =1701 ft. @ \$19.75 per ft.			33,594.75
<u>Hole #79-6-90'xNQ</u>			
386-2446 = 2060 ft @ \$19.75 per ft.			40,685.00
<u>Hole #V-126-R90'xNQ</u>			
<u>Overburden</u>			
0-57=57 ft @ \$19.75 per ft	1125.75		
<u>Core Drilling</u>			
57-546 =489 ft @ \$19.75 per ft	9657.75		
<u>Testing</u>			
10 man hrs. @ \$17.50 per hr. \$175.00			
5 Machine hrs@ 9.50 per hr. 47.50	222.50		11,006.00
<u>Hole#V-96-R-90'xNQ</u>			
<u>Overburden</u>			
0-108 =108 ft. @\$19.75 per ft.	2133.00		
<u>Core Drilling</u>			
108-528 =420 ft @ \$ 19.75 per ft.	8295.00		
<u>Testing</u>			
13 Man hrs. @ 17.50 per hr. 227.50			
6½ Machine hrs @ 9.50 per hr. 61.75	289.25		10,717.25
<u>Hole #V-114-R-90'xNQ</u>			
<u>Overburden</u>			
0-64=64 ft @ 19.75			1,264.00
<u>Hole #7904-90'xNQ - PIT</u>			
<u>Core Drilling</u>			
0-173 =173 ft. @ 19.75	3416.75		
<u>Testing</u>			
2 Man hrs. @ 17.50	35.00		
1 Machine hr. @ 9.50	44.50		3,461.25

c/Fwd.....

100.728/25



# ARCTIC DIAMOND DRILLING LTD.

~~091212~~  
091212  
12-10-2

184 Industrial Road, Whitehorse, Yukon Y1A 2V1 (403) 667-6434

INVOICE #2052

April 30, 1979

IN ACCOUNT WITH:

Cyprus Anvil Mining Corporation,  
330 - 353 Burrard Street,  
Vancouver, B.C.  
V6C 2G8

WORK DONE DURING THE PERIOD  
APRIL 14 - MAY 7, 1979

Drilling charges for the period ended April 30, 1979

Hole: DY79-1- 90' x NQ

Core Drilling

0 - 2533 = 2533 feet @ \$19.75 per foot = \$50,026.75

Hole: #DY79-2 - 90' x NQ

Core Drilling

0 - 1614 = 1614 feet @ \$19.75 per foot = \$31,876.50

Hole: #DY79-3 - 90' x NQ

Core Drilling

0 - 359 = 359 feet @ \$19.75 per foot = \$ 7,090.25

Hole: #SL79-1 - 90' x NQ

Core Drilling

0 - 1048 = 1048 feet @ \$19.75 per foot = \$20,698.00

TOTAL INVOICE

\$109,691.50



# ARCTIC DIAMOND DRILLING LTD.



Industrial Road Whitehorse, Yukon Y1A 2V1

INVOICE #2052  
April 30, 1979

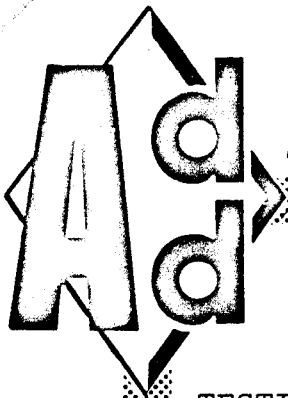
IN ACCOUNT WITH:

Cyprus Anvil Mining Corporation,  
330 - 353 Burrard Street,  
Vancouver, B.C.  
V6C 2G8

WORK DONE DURING THE PERIOD  
MARCH 27th - APRIL 26, 1979

Drilling charges for the period ended April 30, 1979

<u>Hole: DY79-1- 90' x NQ</u>	
<u>Core Drilling</u>	
0 - 2533 = 2533 feet @ \$19.75 per foot =	\$50,026.75
<u>Hole: #DY79-2 - 90' x NQ</u>	
<u>Core Drilling</u>	
0 - 1614 = 1614 feet @ \$19.75 per foot =	\$31,876.50
<u>Hole: #DY79-3 - 90' x NQ</u>	
<u>Core Drilling</u>	
0 - 359 = 359 feet @ \$19.75 per foot =	\$ 7,090.25
<u>Hole: #SL79-1 - 90' x NQ</u>	
<u>Core Drilling</u>	
0 - 1048 = 1048 feet @ \$19.75 per foot =	\$20,698.00
TOTAL INVOICE	<u>\$109,691.50</u>



# ARCTIC DIAMOND DRILLING LTD.

184 Industrial Road, Whitehorse, Yukon Y1A 2V1 (403) 667-6434

B/Fwd.....9815.75.....112668.01

TESTING

16 Man hours @ 17.50 per hr.	280.00		
8 Machine hrs @ 9.50 per hr	<u>76.00</u>	<u>356.00</u>	10171.75

Hole #V-143-R-90'xNQ

<u>Overburden</u>			
0-27=27ft @ 19.75 per ft		533.25	
<u>Core Drilling</u>			
27-427ft=400ft @ 19.75 per ft.		7900.00	
<u>Testing</u>			
6 Man hours @ 17.50 per hr	105.00		
3 Machine hrs @ 9.50 per hr	<u>28.50</u>	<u>133.50</u>	8566.75

Hole#V-318-90'xNQ

<u>Overburden</u>			
0-20=20ft @ 19.75 per ft		395.00	
<u>Core Drilling</u>			
20-467=447ft @ 19.75 per ft.		8828.25	
<u>Testing</u>			
6 Man hours @ 17.50 per hr	105.00		
3 Machine hrs @ 9.50 per hr	<u>28.50</u>	<u>133.50</u>	9356.75

Hole #V-319-90'xNQ

<u>Overburden</u>			
0-50=50ft @ 19.75 per ft		987.50	
<u>Core Drilling</u>			
50-252=202ft @ 19.75 per ft		<u>3989.50</u>	4977.00

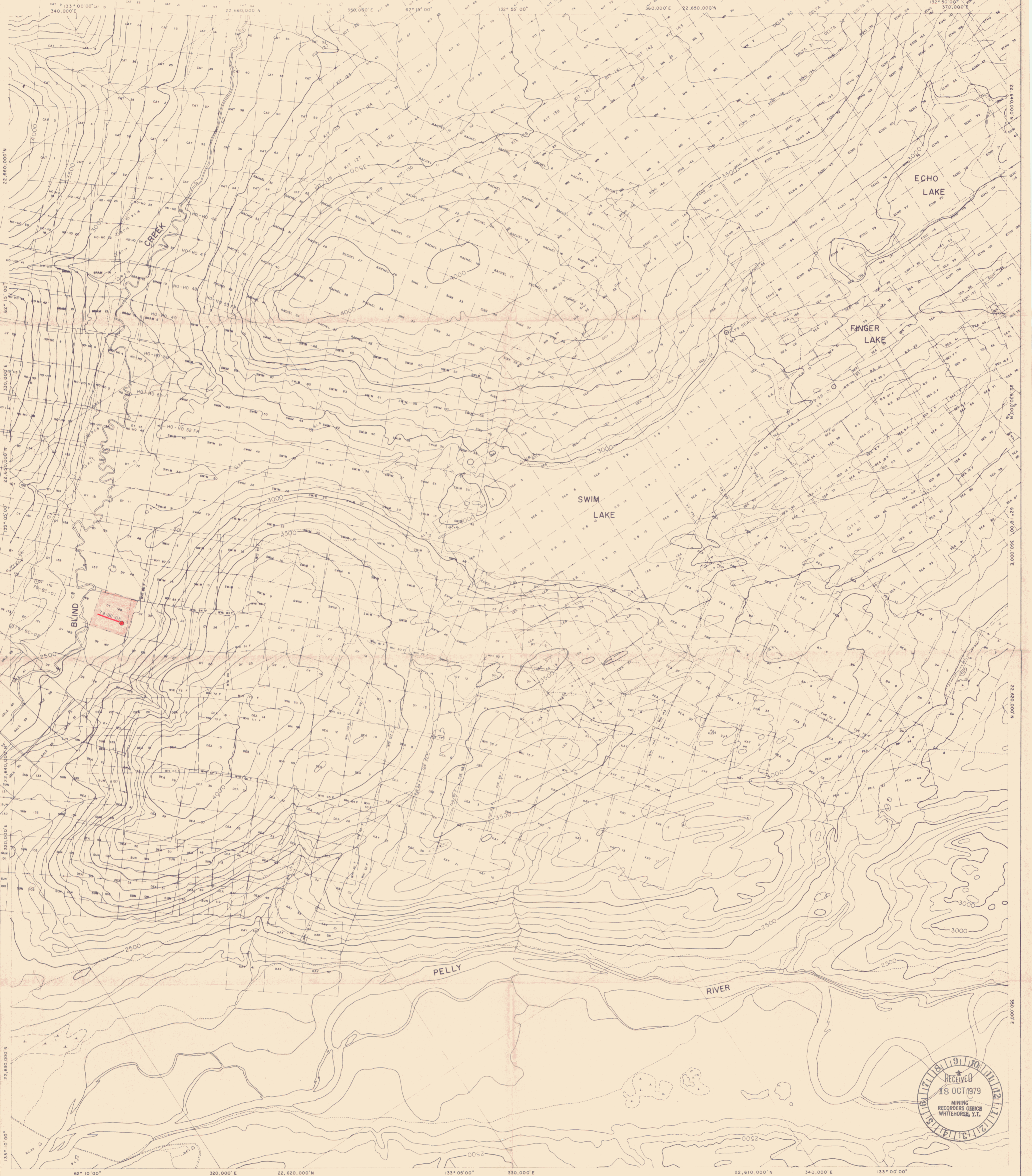
Hole # 79-15-90'xNQxBQ

<del>XXXXXXXXXXXX</del>			
<u>Core Drilling</u>			
86-1609=1523 ft @ 19.75 per ft.			30079.25

Hole # BC-79-03-90'xNQxBQ

<u>Overburden</u>			
83-160=77ft @ 19.75 per ft		1520.75	
<u>Core Drilling</u>			
160-1897=1737 ft @ 19.75 per ft.		<u>34305.75</u>	35826.50

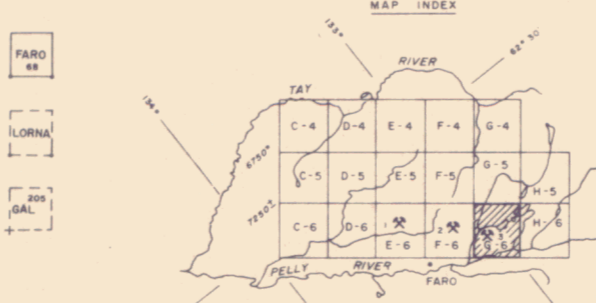
211,646.01



LEGEND

- CLAIM POSTS AND LEGAL SURVEYS  
(Located in the field)
- PRELIMINARY CLAIM POST AND LINE SURVEYS  
(Located in the field)
- APPROXIMATE PLAN OF CLAIM POST LOCATIONS  
(Not located in the field)

Note: Claim posts with the indicated markers have been located in the field, plotted onto 1:75,000 photography and transferred to the orthographic.



- ALL WEATHER ROADS
- SECONDARY ROADS
- TOTE TRAILS
- BRIDGES
- PRIMARY STREAMS
- SECONDARY STREAMS
- SWAMPS
- CAMP LOCATIONS
- DIAMOND D.H. SITES
- ROTARY DRILL SITES
- TRIANGULATION STATIONS
- SPOT ELEVATION IN FEET

CYPRUS ANVIL MINING CORPORATION

CLAIM SURVEYS

DDH - 79-BC-03

REVISED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
NTS 1084-2 DRAWN BY: C.C.C. DATE: FEB 3, 1976

09219-1975-6

091218



EXPLANATION

- 10 Quartz Monzonite Sills
- 9 Anvil Range Group Cherts
- 8 Pisswick Pond Graphitic Phyllite
- 7 Amygdaloidal Chloritic Phyllite
- 6a Laminated Chloritic Phyllite (metatuffs)
- 6 Metabasite (meta-alkali andesite)
- 5 Calcareous, Medium - Grey Phyllite
- 4b Graphitic Phyllite (Swim Horizon?)
- 4a Graphitic Phyllite (Grum-Vangorda)
- 4 Vangorda Deposit
- 3 Calc-Silicate Phyllite

SYMBOLS

- = F<sub>1</sub> Syncline (showing plunge)
- = F<sub>1</sub> Anticline (showing plunge)
- = Proposed 1977 Drill Hole
- KERR
- PRM
- CAMC

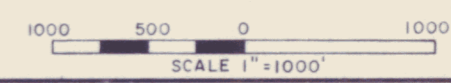
CYPRUS ANVIL MINING CORPORATION

DD-147

DY-GALE AREA  
GEOLOGY

DATE: OCT 14, 1976

DRAWN BY: C. L. C.





**LEGEND:**

- △ SHORT STANDARD POST IN ROCK
- ⊙ IRON BAR
- SURVEYED CLAIM POST
- 77X02R DIAMOND DRILL HOLE ( R - Computer Predicted Drill Hole Trace)
- 78X06GY DIAMOND DRILL HOLE ( GY - GYRO SURVEYED Drill Hole Trace)



1872-0820

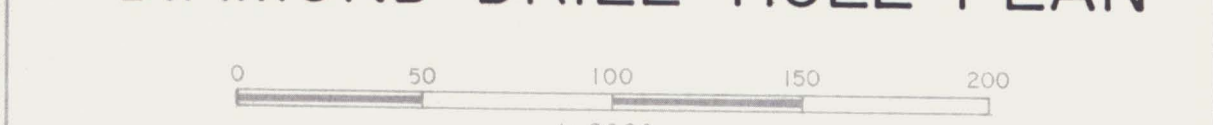
CYPRUS ANVIL MINING CORPORATION

**DY DEPOSIT**

**DIAMOND DRILL HOLE PLAN**

N.T.S. 105K-3  
 SURVEY BY K.E.W.  
 DRAWN BY C.L.C.

DATE JAN 25, 1979  
 MAY 3, 1979



DD-156



- LEGEND:**
- △ SHORT STANDARD POST IN ROCK
  - ⊗ IRON BAR
  - SURVEYED CLAIM POST
  - 77X02R DIAMOND DRILL HOLE ( R - Computer Predicted Drill Hole Trace)
  - 78X06GY DIAMOND DRILL HOLE (GY - GYRO SURVEYED Drill Hole Trace)



1870-4  
09/21/8

CYPRUS ANVIL MINING CORPORATION  
**DY DEPOSIT**  
 DIAMOND DRILL HOLE PLAN



- LEGEND:**
- △ SHORT STANDARD POST IN ROCK
  - ⊗ IRON BAR
  - SURVEYED CLAIM POST
  - 77X02R DIAMOND DRILL HOLE ( R - Computer Predicted Drill Hole Trace)
  - 78X06GY DIAMOND DRILL HOLE (GY - GYRO SURVEYED Drill Hole Trace)



CYPRUS ANVIL MINING CORPORATION

**DY DEPOSIT**

**DIAMOND DRILL HOLE PLAN**

0 50 100 150 200  
1:2000

N.T.S. 105K-3  
SURVEY BY: R.E.W.  
DRAWN BY: G.L.C.

DATE: JAN 25, 1979  
MAY 3, 1979

1970-5  
0912R





- LEGEND:**
- △ SHORT STANDARD POST IN ROCK
  - ⊗ IRON BAR
  - SURVEYED CLAIM POST
  - 77X02R DIAMOND DRILL HOLE ( R - Computer Predicted Drill Hole Trace)
  - 78X06GY DIAMOND DRILL HOLE ( GY - GYRO SURVEYED Drill Hole Trace)



CYPRUS ANVIL MINING CORPORATION

**DY DEPOSIT**

**DIAMOND DRILL HOLE PLAN**

0 50 100 150 200  
1:2000

N.T.S. 105K-3  
SURVEY BY R.E.W.  
DRAWN BY C.L.C.

DATE JAN 25, 1979  
MAY 3, 1979