



Government of Canada

Gouvernement du Canada

DD-170

MEMORANDUM

NOTE DE SERVICE

091246

CONFIDENTIAL

TO
A → Supervising Mining Recorder

FROM
DE Mining Recorder - Whitehorse

SECURITY - CLASSIFICATION - DE SÉCURITÉ
OUR FILE - N/RÉFÉRENCE 340-17-6
YOUR FILE - V/RÉFÉRENCE
DATE 28 September 1978

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

105-C-13 Amoco Canada Petroleum Company Limited BUG 3

105-K-6 Cyprus Anvil Mining Corporation AM 2 ✓

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

c.c. Geology Section
ATTN: M. Marchand

B.E. Sias

CYPRUS ANVIL MINING CORPORATION

091246

DIAMOND DRILL CORE LOG

Hole Number: 78-NA-03

Fabric Orientation Diagram: _____

Project: North Anvil Range

Location: AM Claim Group

Claim: AM No. 2 763878

Terr. Plane Co-ords.: _____ N

_____ E

Grid Co-ords.: 204 E 45N

Inclination: Vertical

Elevation: _____

Total Depth: 190.5 m

Purpose: To test TURAM-Geochem Pb-Zn-Cu at 5B/5A contact.

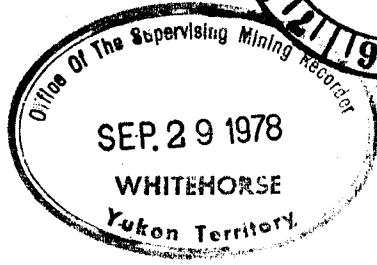
Logged by: J. G. Simpson

Date(s) Logged: 18 June, 1978

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

BQ 0 625 ft.

Started: June 14, 1978 Completed: June 18, 1978



SUMMARY LOGDDH 78-NA-03

<u>Metres</u>			
0.0 -	5.0		Overburden.
5.0 -	15.0	5B0	Calcareous muscovite-chlorite \pm biotite phyllite.
15.0 -	18.0	5B6	Non-calcareous muscovite-chlorite \pm biotite phyllite.
18.0 -	19.3	5B7	Slightly calcareous, laminarly banded, tuffaceous phyllite.
19.3 -	19.8	5B6	Non-calcareous phyllite.
19.8 -	23.0	5A0	Variably calcareous, graphitic phyllite + bull quartz vein. TURAM CONDUCTOR.
23.0 -	28.0	OD0	Medium-grained, diorite porphyry dyke. Upper contact 45° to core axis parallel to S ₂ .
28.0 -	60.0	5B6 /3G	Non-calcareous phyllite; very minor calcite associated with quartz vein sweats 10-20 cm with minor pyrrhotite and sphalerite in 20 cm vein at 43.5-43.7.
60.0 -	61.4	3G0	Non-calcareous phyllite.
61.4 -	61.9	3B3/7	Laminarly banded, chloritic tuffaceous phyllite + calcite and quartz vein sweats.
61.9 -	67.4	3G0	Non-calcareous phyllite with minor quartz vein sweats to 10 cm with chloritic selveges at 61.4; 2 m vein pyrrhotite-pyrite-sphalerite.
67.4 -	67.8	3G0	Non-calcareous phyllite with numerous quartz vein sweats; minor sulphides at 67.5; 3 cm black sphalerite-pyrrhotite-pyrite in quartz vein, at 67.7 black sphalerite-pyrrhotite-chalcopyrite-galena, 3 cm vein sheared.
67.8 -	70.5	3G0	Non-calcareous phyllite with minor quartz vein sweats.
70.5 -	70.9	3G3/8	Non-calcareous chloritic phyllite and tuffaceous bands with minor calcite associated quartz sweats.
70.9 -	71.9	3G0	Non-calcareous chloritic phyllite + minor calcite and quartz veins.
71.9 -	90.8	3G0	Non-calcareous phyllite with minor quartz veins.

SUMMARY LOG
DDH 78-NA-03

-2-

90.8 - 91.4	3B7/3	Slightly calcareous, chloritic, tuffaceous phyllite; minor quartz veins.
91.4 - 102.2	3G8	Non-calcareous chloritic phyllite.
102.2 - 102.3	0Q0	Vein quartz + minor pyrrhotite and chlorite.
102.3 - 103.0	3G8	Non-calcareous, chloritic phyllite.
103.0 - 114.3	3B7/3	Slightly calcareous, chloritic, laminarly banded, tuffaceous phyllite; calcite and quartz veins 112.1 - 2 mm zinc-pyrrhotite, 112.2 - 3 mm zinc-pyrrhotite.
114.3 - 120.8	3G0	Non-calcareous chloritic phyllite.
120.8 - 124.6	3G8	Non-calcareous chloritic phyllite + quartz vein swaths with minor pyrrhotite and sphalerite.
124.6 - 155.4	3B7/3	Calcareous, chloritic, tuffaceous phyllite; 143.2-143.3 minor fault gouge.
155.4 - 190.5	3G/B7	Non-calcareous phyllite + chlorite.

END OF HOLE