

003589

November 10, 1978

Mr. D. B. Craig  
Regional Geologist  
Indian and Northern Affairs  
Geology Section  
200 Range Road  
Whitehorse, Y.T.  
X1A 3V1

Dear Sir:

As requested in your letter dated October 25, 1978, enclosed herewith please find a corrected copy of each of the reports on our HOWRU, DWONK, CHZERPNOUGH and MM properties, for inclusion in the D.I.A.N.D. Mineral Industry Report, Yukon 1977.

Yours truly,

CYPRUS ANVIL MINING CORPORATION

J. G. Simpson  
Vice President, Exploration

Encl.



Indian and  
Northern Affairs

Affaires indiennes  
et du Nord

Geology Section  
200 Range Road  
Whitehorse  
Yukon Terr.  
Y1A 3V1

October 25, 1978

Your file    *Voire référence*

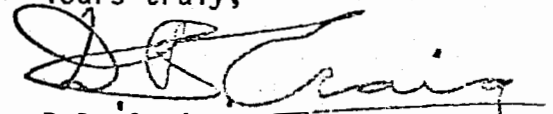
Our file    *Notre référence*

Dear Sir:

Enclosed are reports on each of your properties in the Yukon which have been prepared for inclusion in the D.I.A.N.D. Mineral Industry Report, Yukon Territory 1977. I would appreciate your checking it for accuracy and deleting any information you wish to be omitted. Please feel free to add any pertinent material. One copy of each report should be returned with your comments, the second copy is for your files. Your prompt attention to this matter will be greatly appreciated.

We would appreciate if you could also let us know whether you will be operating in the Yukon this summer and in what general area(s).

Yours truly,

  
D.B. Craig  
Regional Geologist.

*Return with corrections  
vs skins*

File ref 77

HOWRU Lead, Zinc, Silver  
Cyprus Anvil Mining Corporation 105 F 9, G 12  
(61°35'N, 132°05'W)

Reference: Tempelman-Kluit (1977).

Claims: HOWRU 1-88

Location and Access:

The property is situated in the Pelly Mountains, 5 km east of the Ketz River and 20 km south of Tintina Trench. Access is provided by helicopter from Ross River, 48 km to the northwest.

History:

HOWRU claims 1-40, 49-88 were staked in July 1977 and 41-48 in August 1977.

Description:

The property is underlain by shale, sandstone and ~~Carbonates of Upper Cambrian to Triassic age (Tempelman-Kluit, 1977).~~  
carbonates of Upper Cambrian to Triassic age (Tempelman-Kluit, 1977).

Mineralization is of three types: 1) small copper-bearing sphalerite-galena veins; 2) disseminated galena in quartzose sandstone and 3) stratiform pyrite with traces of galena and sphalerite in Mississippian shale.

Current Work and Results:

During summer 1977, reconnaissance stream sediment and soil geochemical sampling (Pb, Zn) and geological mapping (1 inch = 1,320 feet) programs were conducted. Several geochemical anomalies were determined which correlated well with known showings and mineralized float occurrences.

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DWONK 105 G 14  
Cyprus Anvil Mining Corporation (61°57'N, 131°10'W)

Reference: Tempelman-Kluit (1977).

Claims: DWONK 1-90

Location and Access:

The property is situated in the valley of the Pelly River in the area of Slate Rapids, 115 km east of Ross River. Access is provided by helicopter from Ross River.

History:

The DWONK claims were staked in August 1977.

Description:

The property is underlain by sedimentary and minor volcanic rocks of Silurian to Mississippian age and outcrop is exposed only along the banks of the Pelly River. The black clastic assemblage of chert pebble conglomerate, ~~is~~ black shale, chert and turbidite with an interbedded horizon of cream weathering, light grey massive bedded barite. Mineralization consists of pyrite in disseminations and thin beds within the east-west trending barite and black shale.

is present

Current Work and Results:

During late summer 1977, geological mapping (1:12,000) and preliminary geochemical soil sampling (Cu, Pb, Zn) programs were conducted. No geochemical anomalies were determined, a result possibly due to the thick overburden cover. During spring 1978, ground magnetic and electromagnetic (horizontal loop) surveys were run. No magnetic anomalies were determined, but several electromagnetic conductors were located.

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CHZERPNOUGH  
Cyprus Anvil Mining  
Corporation Limited

Lead, Zinc, Barite  
105 F 9  
(61°36'N, 132°26'W)

References: Tempelman-Kluit (1977); Morin et al  
(1977, p. 192).

Claims: CHZERPNOUGH 1-16

Location and Access:

The property is located at the head of Cloutier Creek, immediately south of Peak 7001. Access is by helicopter from Ross River 48 km to the north.

History:

The claims were recorded in August 1976, during which summer geochemical soil sampling and detailed prospecting were carried out. A large area of anomalous Pb-Zn response was determined to be partially coincident with the known showings.

Description:

The property is underlain by felsic volcaniclastic rocks of Mississippian age. A lapilli tuff with abundant carbonate in the matrix is the most common rock unit and the one which hosts the mineralized showings. Mineralization consists of talus occurrences of a sugary textured barite unit with disseminated sphalerite, galena and fluorite.

Current Work and Results:

During summer 1977, geological mapping (1:4,800), and ground electromagnetic and magnetic survey programs were conducted. No significant anomalies were detected.

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MM Zinc, Lead, Silver,  
Cyprus Anvil Mining Corporation Copper  
105 F 7  
(61°27'N, 132°40'W)

References: Sinclair et al (1975, p. 159);  
Tempelman-Kluit (1977); Morin et al (1977, pp.  
83-97).

Claims: MM (76); JJ (81); DD (32) - a total of 189

Location and Access:

The property is located in the Pelly Mountains on the west side of Seagull Creek. Access is provided by helicopter from Ross River, 60 km to the north.

History:

The MM and JJ claims were staked in 1973 on ground that previously had been staked as the ARNOLD and ZINC claims. The DD claims were subsequently staked in <sup>1976</sup> Property work including geological mapping, geochemical soil and stream sediment sampling, a gravity survey and diamond drilling was carried out from 1973 to 1977. The drilling program involved two holes in 1973 (805 feet), ~~three~~ <sup>two</sup> holes in 1974 (~~2010~~ <sup>2010</sup> feet) and ~~six~~ <sup>seven</sup> holes in 1976 (~~5505~~ <sup>5505</sup> feet).

Description:

The property is underlain by an upside down sequence of metamorphosed Mississippian volcanic, volcanoclastic and exhalite rocks overlain by equally metamorphosed Siluro-Devonian quartzite, dolomite and graphitic schist and Lower Cambrian calc-silicate schist and phyllite. The Mississippian rocks are isoclinally folded and have suffered extensive deformation.

Mineralization consists of three separate lenses of baritic quartzite with associated horizons of massive sulphide material (mainly pyrite with subordinate sphalerite, galena and chalcopyrite). These lenses are each in the order of several tens of metres long and several metres thick and probably coalesce below surface to form one horizon (see Morin et al, 1977 for more detail).

Current Work and Results:

During summer 1977, geochemical soil sampling, ground magnetic and electromagnetic survey programs were conducted. Four diamond drill holes (BQ) were drilled for a total footage of 5,388 feet and several narrow zones of sulphide mineralization were encountered.

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