

Attached to JBPS memo to CAM  
dated 8-26-71 filed in Cases. +  
AFES.

92-L-12  
Ida

810151

1735 E. Camino Cielo  
Tucson, Arizona 85718  
August 4, 1971

Mr. J. B. P. Sawyer, Manager  
Cyprus Exploration Corporation Ltd.  
1101 - 510 West Hastings Street  
Vancouver 2, B.C.

Dear Paul:

Please find enclosed:

- 1.) Report and map describing the results of the brief investigation of the Ida claims, Vancouver Island, B.C.
- 2.) Statement of Fees for Services Rendered.
- 3.) Expense Account for the Tucson-Vancouver-Port Hardy and return trip.
- 4.) Receipts for transportation items at Port Hardy, charged to the Cyprus office in Vancouver.

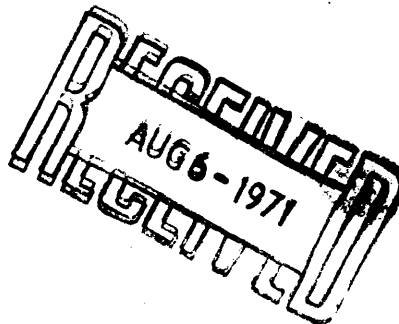
The Quatsino 92-L-12, east and west topographic and claim sheets, taken by me to Tucson, will be returned under separate cover to prevent interception by the Custom authorities.

I very much enjoyed meeting and working with you and hope that the initial investigation of the Ida claims will prove fruitful. Please convey my regards to the office staff, your wife, and your family.

Very truly yours,

  
A. G. HUMPHREY

AGH/agh: Encl.



TO: J. B. P. Sawyer, Cyprus Exploration Corp. Ltd., Vancouver, B.C.

FROM: A. G. Humphrey, Tucson, Arizona

SUBJECT: Investigation of the Ida Claim Group, Vancouver Island, B.C.

DATE: August 4, 1971

INTRODUCTION:

A brief investigation of the Ida Group of claims on northern Vancouver Island, B.C. was conducted by the writer on July 26-30, 1971. This investigation included data evaluation and a short field examination of the property. The results of the investigation are presented below.

LOCATION AND ACCESSIBILITY:

The Ida group, consisting of 58 contiguous full-sized claims, are situated on the northern side of Holberg Inlet, approximately five miles west of the small community of Coal Harbour. The property may be reached by boat from Coal Harbour, or by helicopter from the Port Hardy airport. Travel within the claim group is by foot only, since no trails or roads have been constructed on the property.

GEOLOGY OF THE IDA CLAIMS:

Regional geological mapping by the British Columbia Department of Mines and Petroleum Resources has indicated that the southern portion of the Ida claims are underlain by andesitic flows of the Triassic Bonanza formation. These rocks generally strike about N. 70° W. and dip from 20 to 40 degrees to the southwest. The northern portion of the claims are underlain by granodiorites of Jurassic-Tertiary (?) age.

The Ida claims lie across the west-northwesterly mineral trend, extending from the Island Copper mine to the active prospects of Utah Construction & Mining Company's Expo group of claims. The possible presence of this mineral trend on the Ida claims is indicated by exposures of silicified and pyritized Bonanza andesites and intrusive Quartz-Feldspar Porphyry. This latter rock is quite silicified, and very similar to the Quartz-Feldspar Porphyry dike forming the central portion of the Island Copper deposit.

PREVIOUS EXPLORATION CONDUCTED ON THE IDA CLAIMS:

The Ida claims have been previously examined by:

1. Soil geochemistry for copper.

2. Soil geochemistry for molybdenum.
3. Magnetics.
4. Induced Polarization.
5. Resistivity.

These examinations of the property were accomplished through a series of five north-south lines, spaced from 700 to 2450 feet apart. Data was collected at 200-foot intervals along each of the lines. The induced polarization survey utilized 100, 200, 400 and 800-foot depth probes along three of the five lines.

The soil geochemistry surveys for both copper and molybdenum produced rather disappointing results. Although anomalous values ranged as high as 400 parts-per-million copper, these generally were unsupported by adjacent samples along the lines.

The magnetic survey, conducted by Seigel Associates Ltd., showed a maximum variation of about 1000 gammas across the property. This type of magnetic variation appears to be quite typical of the Bonanza andesites and probably does not indicate mineralization.

The induced polarization survey, conducted by Seigel Associates Ltd., produced chargeability anomalies on all three lines. Analysis of the profiles indicate that at least one of the lines was not extended far enough to the south to fully define anomalous conditions.

#### CONCLUSIONS:

The results of the exploration accomplished to date on the property are shown on the accompanying "Composite Map, Ida Claims, Holberg Inlet, B.C.". The present investigation indicates that most of the previous work was conducted from a lack of knowledge of:

1. The adequate line spacing required to accurately determine the geochemical potential of a property in this portion of Vancouver Island.
2. The position of a possible mineral-bearing zone on the southern portion of the Ida claims, extending between the Island Copper mine and the active Expo claim prospects.
3. The geologic features associated with commercial mineral deposits on northern Vancouver Island - i.e.: Quartz Feldspar Porphyry intrusives, and silicification and pyritization of the Bonanza andesites.

#### RECOMMENDATIONS:

In view of the above-described inadequate and incomplete nature of the previous work conducted on the Ida claims, it is felt that the property

still presents attractive exploration possibilities. It is therefore recommended that the Ida group of claims be acquired and that further and more detailed work be accomplished on the property.

This new work should initially consist of a closely-spaced geochemical soil survey extending completely across the southern one-half of the claim group. It is proposed that 400 or 500-foot line spacings, and 100-foot sample intervals be employed for this new survey. Detailed geological mapping should be accomplished throughout the southern portion of the claim group, and this information could serve to further define potential geochemical anomalies.

Respectfully submitted,



A. G. HUMPHREY

Tucson, Arizona  
August 4, 1971

AGH/agh: Encl.

MINERAL EXPLORATION CANADA

IDA PROSPECT

REPORTS