

COMPANY: TECK EXPLORATIONS LIMITED

INTER-OFFICE LETTER

DATE: October 9, 1979

COPIES TO:

TO: W. Meyer

FROM: P. Folk

WHEN FEASIBLE, CONFINE LETTER
TO ONE SUBJECT

RE:

Porphyry Creek

Find enclosed a rough map and drill hole section to date.

Camp

A tent camp was set up in the most central location possible at about 5,250 feet elevation. The camp is not suitable for a winter effort, being exposed, high up, and generally of a crude nature. There will probably be no water at this elevation in November.

Drillers

The drill crew arrived on September 12 and commenced drilling on the 16th. One helper has been replaced and the drill foreman will probably not agree to walk up and down to the proposed Hole #2 because of the poor condition of his legs. It is also a hazard to walk around on 30° to 40° slopes with snow.

Delays

3½ shifts - not enough casing
6½ shifts - no drill motor
4 shifts - wait for metric wrench and replace motor
3/4 shift - replace clutch assembly

Drilling to date - 750 feet.

Helicopter - approximately 60 hours x \$350 = \$21,000 or \$28/foot drilled.

Weather

Poor and unpredictable. Snow and freezing temperatures are upon us. Helicopter access and radio communications are unreliable due to weather conditions. According to pilots and locals the climate will make our situation untenable towards the end of October

Memo to W. Meyer,
Page 2,
October 9, 1979

Re: Porphyry Creek

Drill Geology

Molybdenite is distributed through the entire hole to date. A section of what may be potential ore grade has been encountered over 260 feet. The best values are in the quartz monzonite related to k-spar enrichment which is in turn partly fracture controlled. Sericitic fractures and greenish sericitized feldspars are found in the best zones. A section of bleached volcanics containing quartz as a stockwork was intersected, unfortunately in the oxidized zone. This rock-type was originally meant to be a prime target. Still, it might be worthwhile to try and intersect it below the oxidized zone to see what the grade might be.

General

The claim group has been doubled in size to include diverse showings and another claim group has been staked across the river to the south. To explore these expanded holdings a road and more permanent campsite in the valley is in order with roads to future drill sites. Considering that the helicopter costs for drilling to date are \$28 per foot it shouldn't take long to justify the costs of 10 or 12 miles of road over fairly easy terrain.

Peter Folk
Peter Folk *per myk*

PF:mjb

meeting Oct. 11

Meyer explained reason for staking additional claims on attached. John may agree they are part of J.V. although some are outside area of int.

- Bings samples from gossan to W. of stock gave high As , Au (9003 μg) \therefore staked extensions to N. ~~sample~~ by Au Beyer but assays don't reproduce Bings #.
- area to S (big gossan) staked \therefore Highland Bell's original also gossan!!

JWS —

*\$ Meyer to give revised budget est for 1979
+ review possibility of regional exp. this fall - will propose budget if he thinks its needed before next yr.*

N

Main area of open cuts and drilling

Mo-Plug

PREVIOUS SHELL GROUP

Cu-Au in gts-veins

Au-Ag Structure

KLIYUL CLAIM

No. 1591 (20 UNITS)

Section of suspected Au-Ag-Pb

BEAR CLAIM

No. 51360 (12 UNITS)

CROYDEN ADITS

Approx. Sample-sites for 7633 - 7639

3 MILE RADIUS

TECK CORPORATION
VANCOUVER, B.C.
KLIYUL CLAIM

OMINECA MINING DIVISION, B.C.
SCALE 1:50,000

NTS 94C/SW 94D/8E 1247-PR-2

