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March 14, 1977

Dr. W.D. McCartney,
Dept. of Mines & Petroleum Resources
Parliament Buildings,
Victoria, B.C.
V8V 1X4

Dear Doug,

As they become available, I'll drop, without comment,
various notes as per current enclosure on the Chilco Proposal.

Most of them are re-hashed comments, but I will find
some originals one of these days.

Yours truly,

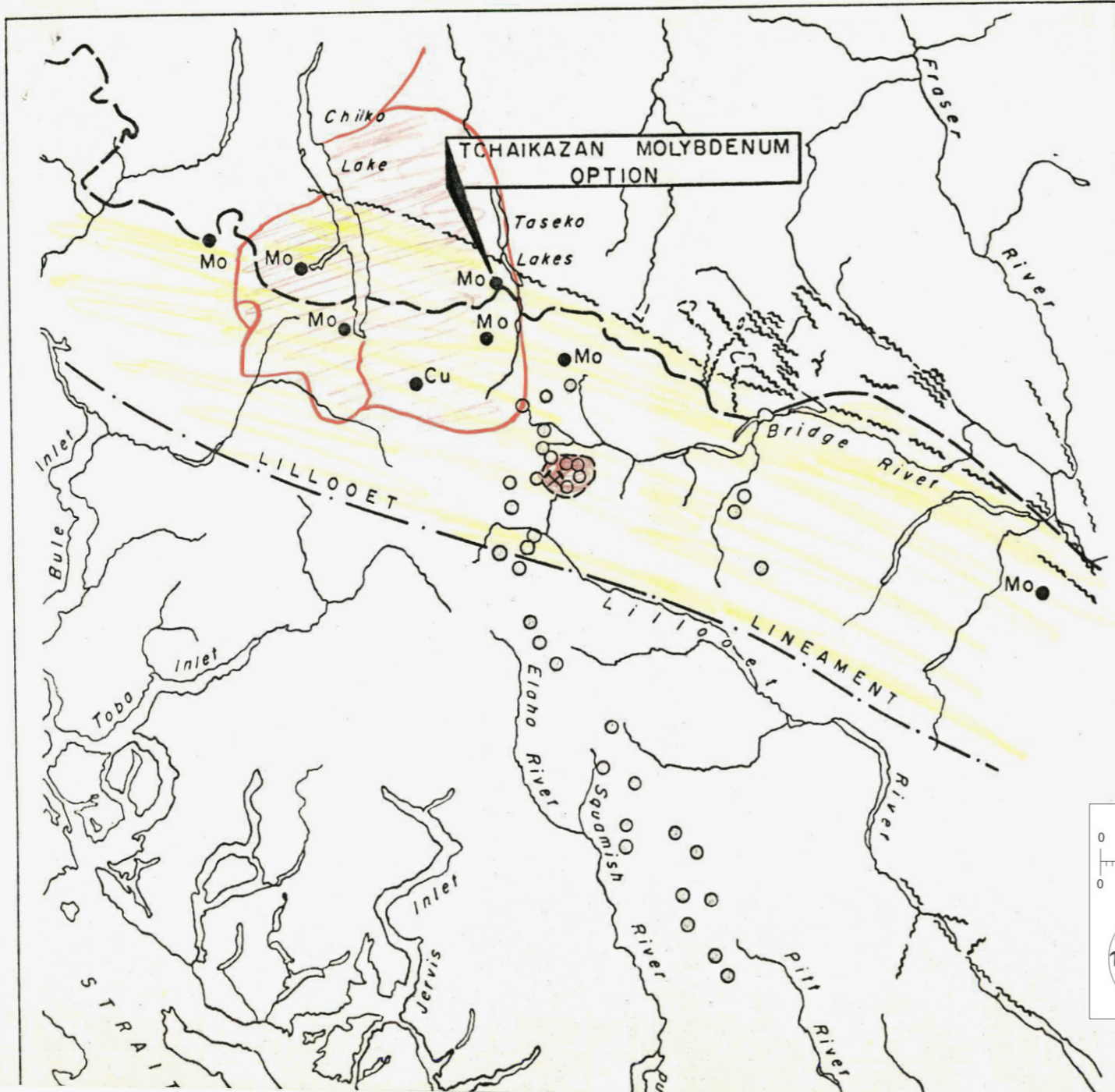
J.J. McDougall,
Exploration Manager,
Western Division.

Encl.









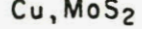

JJM:b

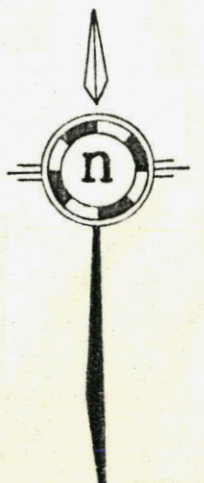
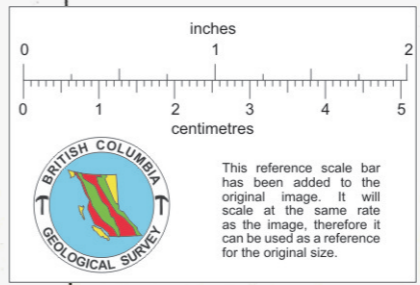
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DEPT. OF MINES AND PETROLEUM RESOURCES	
Rec'd MAR 17 1977	
WDMCC.	



LEGEND

-  *Coast range plutonic complex*
-  *Salal creek stock*
-  *Tertiary volcanic centres*
-  *Faults*
-  *Edge of coast range complex*
-  *Lillooet River lineament*
-  *Major lineament*
-  *Prospect, generally associated*
-  *Copper, Molybdenite*
-  *Salal creek Molybdenite Prop*



THE 1967 EXPLORATION
PROGRAM OF
H.V. WARREN PROSPECT

TCHAIKAZAN RIVER
TASEKO LAKE AREA, B.C.

S.N. Charteris

MINING DIVISION

Clinton

Faults

Edge of coast range complex

Lillooet River lineament

Major lineament

Prospect, generally associated with acid intrusives

Cu, MoS₂ Copper, Molybdenite

Salal creek Molybdenite Property



FALCONBRIDGE NICKEL MINES LIMITED

TCHAIKAZAN - H.V. WARREN OPTION
LILLOOET MINING DIVISION - BRITISH COLUMBIA
REGIONAL SETTING MAP

40 20 0 20 40 60

SCALE IN MILES

GEOLOGY

A. Regional

The geological setting and the major structural elements are shown on the accompanying map. The main features are:

(1) The area is in a major flexure on the east side of

the Coast Range plutonic complex. This flexure may have been in part due to

(2) the strong zone of north 70 degree west trending

faults with a 25-mile right hand displacement.

This may be part of the Fraser River fault system

as plotted on the tectonic map of Western Canada

which also shows

(3) the line of volcanoes along the south extension

of the north-south Taseko Lake lineament indicating

that this lineament is a recent active structure.

The concentration of active tectonics in this area

shattered the bedrock in the vicinity of the claims

possibly aiding leaching and rendering drilling

difficult.

(4) The proximity to a small gold occurrence indicated

that metallization is active in the area. Similar

occurrences are commonly peripheral to other base

metal deposits in British Columbia.

B. Local Geology

(1) Lithology

The outcrops along the northwest bank of the Tchaikazan River are of intensely fractured volcanics cut by six northwest trending,