



CORPORATION FALCONBRIDGE COPPER

6415 - 64th Street
Delta, B.C., Canada V4K 4E2
Telephone (604) 946-5451

Mt. Tom Property
Wells area
093 H / 04
Property Submission

FILE

93 H / 4

821922

September 25, 1985

K. V. Campbell
Minequest Ltd.
311 Water Street
Vancouver, B. C.
V6B 1B8

Dear Mr. Campbell;

Thank you for the submissions on your Vancouver Island, Quesnel and Wells, B. C. properties.

Although all three may have technical merit due to other projects and priorities CFC will not be able to make an offer to participate in any of them. We would be pleased to review the properties again should things change.

Best of luck in your exploration effort.

Yours truly,

A. J. Davidson
Senior Exploration Geologist

AJD/ik

SEP 19 1985

MineQuest
Exploration Associates Ltd.

FILE

September 19, 1985

311 Water Street
Vancouver, B.C.
V6B 1B8
(604) 669-2251

Mr. David Watkins
Falconbridge Copper Ltd.
6415-64th Street, R.R.#5
Delta, B.C.
V4K 4E2

Dear Mr. Watkins:

I have attached brief notes on three different properties that may be of interest to you:

- (1) A prospect on Vancouver Island with indications of both disseminated gold and massive sulphides.
(An old showing, recently rediscovered).
- (2) Claims in the central interior of B.C. with indications of auriferous pyrite replacement and stratiform silver-lead-zinc.
(Geochemistry, geophysics, and prospecting have been completed).
- (3) A placer gold occurrence in a buried Tertiary channel in the interior of B.C.
(Extension of a zone now in production).

Where the land situation is sensitive we have not revealed the exact location. If you are interested, please call me for further information.

Yours truly,
MINEQUEST
EXPLORATION ASSOCIATES LTD.

K.V. Campbell

K.V. Campbell

KVC/sp
Encls.
Ref: C0112-2

PROPERTY DESCRIPTION

Name: Mt. Tom Property

Property Size: 3 claims, 46 units

Target Sought: (1) Gold-bearing pyritic replacement deposits, as at Island Mtn., Cariboo Gold Quartz.

(2) Stratiform silver-lead-zinc deposits.

Location: 10km northwest of Wells, central B.C., lying astride axis of Barkerville Gold Belt.

Access: Mining road access from Wells. Hiking trails up main creeks and up ridge to main area of interest (one hour).

Terrain: The property covers a moderately dissected upland plateau which is heavily forested. Exposure is mostly limited to stream gullies. The overburden is locally derived and up to 3m thick.

History: The claims were staked in 1981 as a follow-up to regional silt sampling. Prospecting and contour soil sampling that year and detailed geochemical and VLF surveys in 1982 identified a well defined zone of coincident geochemical and conductivity anomalies.

Geological

Situation: Devonian to Mississippian limestone, black siltite, phyllite and argillite, and micaceous quartzite underlie the claims. These same rocks, specifically at the contact between the black clastics and the quartzite unit, host most of the gold mines in the area. The black clastic stratigraphy hosts silver-lead-zinc mineralization to the northwest and southeast. Representative samples of black siltite from the Mt. Tom property contain up to 500ppm Pb, 230ppm Zn and 1ppm Ag; well above local Cariboo background values. Gold values to 0.268 oz/ton were found in pyrite-bearing vein quartz.

Results of Geochemical and Geophysical

Surveys: Grid soil sampling identified numerous, coincident anomalies of silver, lead, zinc and arsenic with values to 1500ppm Zn, 820ppm Pb, 370ppm As and 29ppm Ag. Follow-up check analyses in anomalous areas report up to 160ppb Au. Silts in the same grid area carried up to 2800ppm Zn, 400ppm Pb, 185ppm As and 44ppm Ag. The VLF survey identified linear conductivity anomalies that are largely coincident with the geochemical anomalies and which have an 'en echelon' arrangement parallel to the trend of lithology.

.../2

Next Step: The initial work on the property focused on exploration for gold-bearing pyrite deposits at the contact between black clastic and quartzite units. In order to test the potential of gold mineralization trenching and exploratory drilling is recommended in the area of the geochemical and geophysical anomalies already identified. There is also a good possibility of stratiform Ag-Pb-Zn mineralization. A geochemical survey for barium, rock geochemistry and enough mapping to define areas of conglomerates which might indicate paleotroughs or margins of rift valleys are recommended as an initial steps to evaluate the Ag-Pb-Zn potential.

K.V. Campbell
K.V. Campbell

Ref: RS201
September 12, 1985