

→ JPS → CCM → file 92H
Thanks - No? Comments? CCM

811733

KALCO VALLEY MINES LTD. (N.P.L.)
Suite 1710, 1177 West Hastings Street
Vancouver 1, B. C.
683-9262

I think the Dawson Range
Principal comes in here - let
them sweat for a season!

Our Company owns 50 claims six miles north east of Princeton, B. C., which we wish to option to another company for exploration and development work.

As indicated on the attached claim map they are midway between the Joy Mining Company Hayes Creek prospect and the Amax Exploration Inc. Summers Creek project.

The geology is favourable along the Penask or Okanagan batholith contact with the highly fractured nicola volcanics and quartz diorite related intrusives. The prospector, Mr. Ed Mullin of Princeton, reports seeing mineralized outcrops while staking, but these were not able to be examined in detail before winter set in.

Briefly, since it is a raw but well located prospect, we are interested in recapturing our costs, covering our commitments to the prospectors, having reasonable work programs and retaining a 20% interest in the property. Accordingly the terms we are suggesting are as follows:

Work Commitments

\$15,000.	by August 31st, 1971	(firm commitment)
By the end of 1971	a cumulative total of \$ 35,000.	
" " " " 1972	" " " " \$ 85,000.	
" " " " 1973	" " " " \$200,000.	
" " " " 1974	" " " " \$350,000.	

By December 31st, 1974 a commitment to bring a mine into production by the end of 1977 with one year extensions permitted by payment to us (the vendors) of \$50,000. for each year extension.

Cash Payments

- \$ 5,000. payment on signing of agreement and delivery of Bill of Sale.
- \$10,000. payment by December 31st, 1971 and
- \$10,000. each December 31st thereafter until Kalco begins to receive it's share of production profits.

too high - CCM

Share of Profits

Kalco to receive 20% of profits from production.

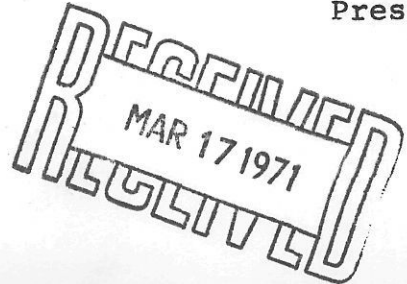
Please contact the writer if you are interested in this property.

Yours very truly,
KALCO VALLEY MINES LTD. (NPL)

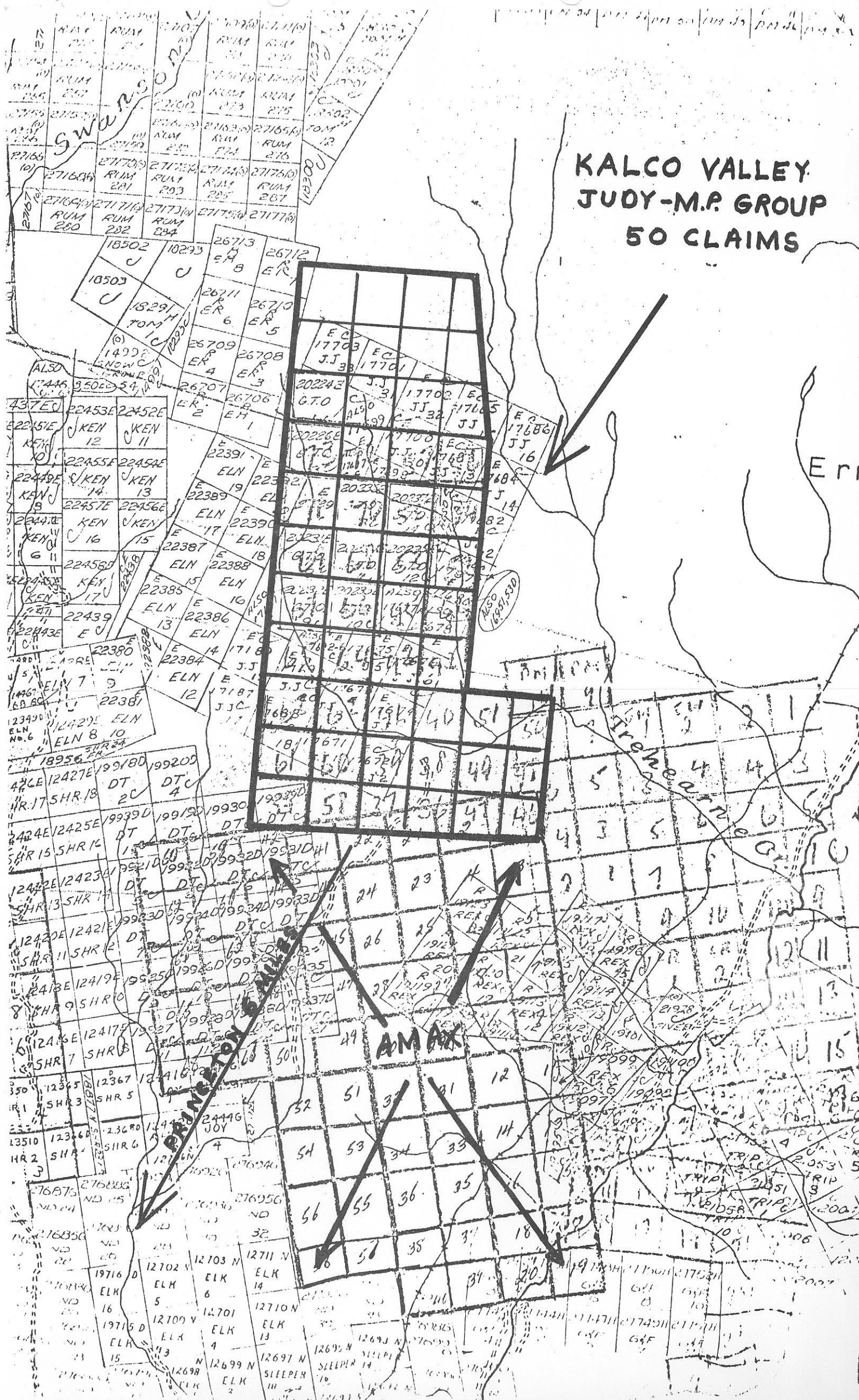
William A. Dexter, P. Eng.
President

WAD:dk
Attachment

12th March, 1971.



**KALCO VALLEY
JUDY-M.P. GROUP
50 CLAIMS**



KALCO VALLEY MINES LIMITED LH

BULK SAMPLING TO TEST COPPER AND MOLYBDENUM - As reported in GCNL No. 174(1966), Kalco
OPEN PIT POSSIBILITY IN COPPER MOUNTAIN AREA Valley Mines Limited acquired 148 claims
in the Copper Mountain area, 9 miles
from Princeton, B.C., adjoining properties under exploration by Granby Mining Co., Newmont,
Cumont Mines, and others.

W.A.Dexter, P. Eng., secretary of Kalco, advises that the company recently engaged
Douglas Malcolm, P. Eng., consulting geologist, to assess the work done to date which in-
cluded induced polarization surveys, geological mapping, trenching, and surface sampling.

Mr. Malcolm, in summarizing his conclusions, says the property contains widespread
copper sulphides and localized high grade gold-palladium-copper deposits. These have been
well explored on the surface by geophysical and geochemical surveys, by trenching, and
by geological mapping. The work, he states, points to a possible open pit area 3,000 feet
long and 1,500 feet wide with disseminated and fracture plane sulphides with copper and
molybdenum values, with favorable geology, assays, geophysics and geo-chemistry.

The consultant recommends that the area should be bulk sampled by a series of ver-
tical drill holes at least 1,000 feet deep at regular spacings. No further work should
be done on the high grade at present, he adds. Estimated cost of this program is \$80,000
to include 2,000 ft. BX wire line drilling, \$20,000; 8,000 feet of longhole drilling,
\$40,000; assaying \$8,000; supervision and engineering \$10,000 and transportation, \$2,000.

Mr. Dexter says the directors are now inviting major companies who may be interested
in participation, to examine the property and make available geological information.

Kalco Valley Mines Ltd., head office 1533 W.Pender, Vancouver, was incorporated in B.C.,
May 17, 1966, and was converted to public status Sept. 1, 1966. The following month regi-
stration was received under B.C. Securities Act covering sale of 200,000 treasury shares
at 50¢ p/s, subject to a commission not to exceed 12½¢ p/s. Previously, 943,602 of the
5,000,000 auth. shares, par value had been issued, including 750,000 escrowed shares for
properties and 208,602 shares to net \$33,401. Directors are D.F. Hamelin, M.E.I.C., pres-
ident; W.A. Dexter, P. Eng. (civil); Gerald I. Burr, automobile dealer, Princeton; and Edward
Mullin, self-employed prospector.

Mr. Malcolm has summarized his findings as follows:

Work Done - Possible open pit area:

1. Trenching: bulldozer trenching in and along the Copper Mountain syeno-gabbro ex-
posed disseminated sulphides over a 1,200 foot length, 78 bulk samples averaged 0.364%
copper.

2. Geology: Reference: C.I.M.M. Bulletin, May, 1951, K.C. Fahrni. The Copper Mountain
Mine is along the syeno-gabbro contact in gently folded Nicola tuffaceous rocks on the
crest and limb of an open anticline. A zone of foliation, which is along a fault tangen-
tial to the intrusive is mineralized with copper sulphides. Mr. Fahrni has measured sec-
tions in the Nicola Series and noted that the most favorable beds at the mine were tuffs
and agglomerates.

On Kalco claims, the few outcrops show extensive crushing and brecciation along the
syeno-gabbro contact. The intrusive is highly altered and crushed; it contains dikes of
potash feldspar and quartz. On the surface, the Nicola rocks are massive and thin bedded
chert. A measured section shows the most favorable tuffs and fragmentals to lie from 100
to 980 feet below the surface.

3. Geophysics: A magnetometer survey outlines a magnetic high over the intrusive con-
tact. An induced potential survey by McPhar Geophysics Limited shows a series of anom-
alies tangential to the intrusive in Nicola rocks over a 6,000 foot length, 500 to 1,500
feet west of the contact.

An induced potential survey by Utah Construction Co. shows a 1,500 feet by 1,500
feet anomaly over the McPhar anomaly.

4. Geochemical Survey: A total heavy metal soil survey outlined an anomalous area
3,000 feet by 1,000 feet in Nicola rocks 500 to 1,500 feet west of the syeno-gabbro in
the possible open pit area.

COMET-KRAIN MINING CORP. LTD.

APPROVAL OF SHAREHOLDERS SOUGHT - Subject to approval of shareholders of Comet-Krain
FOR SHARE-SWITCH INVOLVING CONTROL Mining Corp. at a meeting in Hotel Georgia, Vancouver,
at 10 a.m., May 30, transfer of shares from the Pezim-

Glick interests to purchasers who are principals of North Pacific Mines Ltd. will take
place. Shareholders are told that as the company's Krain claims are the subject of an ex-
ploration and development agreement in favor of North Pacific, "it is considered by all of
the parties to the transactions that the transfer of shares should be in no way objection-
able." The change in control would be effected in this way: M. Pezim, a Comet-Krain direc-
tor, would transfer to another director, E.A. Glick, 319,050 shares, within escrow, and the
latter would then transfer a total of 638,100 shares, within escrow, and 70,900 non-
escrowed shares, to Jack Wiley, Raymond Signorello, and William Pierre, all pursuant to
an agreement dated May 15, 1967. The letter to shareholders makes it clear that both
Mr. Pezim and Mr. Glick, by these transactions, would divest themselves of all their shares
in Comet-Krain Mining Corp. and that the existing board of directors will resign after
they have appointed the purchasers of the shares, or their nominees, directors, until the
next annual meeting.

KALCO VALLEY MINES LTD.

(N.P.L.)

ROOM 202
1533 WEST PENDER STREET
VANCOUVER 5, B.C.
PHONE 685-2728

President:
Douglas F. Hamelin, M.E.I.C.
Geologist

Secretary:
William A. Dexter, P.Eng.
Consultant

April 18, 1967

Cyprus Mines Corporation
510 West Hastings Street
Vancouver, B. C.

Attention of Mr. D. W. Tulby
Manager

Dear Sir:

The purpose of this letter is to enquire if your company might be interested in participating in the next stage of exploration on our property near Princeton, B. C.

We own 150 claims of very favourably located property next to the Granby Mining Co. just south of the area where Newmont is developing an ore body. The significant geological feature of the area is the syeno-gabbro contact of which we own a length of five miles. As you will see by the attached reports, we have already completed an Induced Polarization Survey, geological mapping, trenching and surface sampling.

Recently we engaged Mr. Douglas Malcolm, P. Eng., Consulting Geologist, to assess the work to date. Since he is considered one of the leading authorities on porphyry copper deposits in Western Canada we were very pleased to receive his opinion that we have one of the best prospects in British Columbia for a large open pit copper deposit. All necessary preliminary exploration has been completed and only drilling remains to test the large anomalous area.

You may also be interested in the opinion of Mr. Alex G. Jones, Ph. D., Geologist with the Hanna Mining Company Ltd., - one of the U.S. majors. An excerpt from his report is attached and correlates with Mr. Malcolm's opinions and recommendations.

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Mr. D. W. Tulby

April 18, 1967

We are a public company and if you are interested, an approved issue of shares is available for financing and participation. Representation on the Board of Directors would be welcome.

For further information or a meeting, please contact Mr. Malcolm directly at Suite 507, 675 West Hastings, Vancouver, B. C., telephone 684-2821, or our office as above for Mr. Hamelin. The writer may be reached at 682-4751, c/o Dexter, Bush & Associates.

Yours very truly,

A handwritten signature in cursive script, appearing to read 'W. A. Dexter', written in dark ink.

William A. Dexter, P. Eng
Secretary

WAD:mjm
Attach.

Excerpt from report by Mr. Alex G. Jones Ph.D., Geologist,
The Hanna Mining Company Ltd.
Regarding the Friday Creek Claims of Kalco Valley Mines Ltd.

" Friday Creek prospect on west edge of Copper Mountain stock approximately 2 1/2 miles from Copper Mountain Mine, which is on east margin of stock. Many early prospects in area but no extensive workings on Friday Creek property. Intrusive rocks complex series of quartz-poor suite - main members gabbro, syenite, and dykes of feldporph, pegmatite, amphibolite - intrude Nicola volcanic series (Trias). The main copper showings are about 100 yards from the Nicola rocks. Most investigation so far has been on small area of amphibolite (?) intruded by monzonite and irregular pegmatite dykes. This mineralization is in discontinuous fractures composing several mineral zones of narrow width (see Campbell Report for details). The most spectacular grades are in showings that have been neglected by investigations. These are bornite - chalcopyrite masses composing the matrix of breccia containing fragments of various igneous rocks. This breccia has not been recognized previously as such, but has the character of a dilation origin rather than merely a stockwork of intersecting veins. This breccia and its mineralization are remarkably similar to those of Bethlehem Copper which are considered to be explosive, and intrusive in origin. The rocks surrounding the breccia are syenite and pegmatite which contain bornite and chalcopyrite as "accessory" disseminated grains as well as fracture fillings. Fluorite is another "accessory" mineral in the disseminated sulphide rock and might be an indication of abundant volatile, effusive components (attending the intrusive process) which may explain the "explosion breccias". The most obvious rock alteration has produced K-feldspar, biotite, chlorite and weak-to-locally-strong sericite and clay. Pyrite is minor or absent but magnetite and hematite are locally prominent. Molybdenite has not been seen and may not be expected in this quartz-poor environment.

The remarkable similarity to Bethlehem Copper, the location in the Southern Interior Belt of copper deposits associated with Triassic rocks, and the general lack of rock exposures lend interest to this prospect and recommend further exploration. The logical steps appear to be:

- 1) Induced Polarization survey, supported by
- 2) detailed geological mapping, and
- 3) investigation of any anomalies by drilling.

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