



010291

DEPARTMENT OF MINES AND PETROLEUM RESOURCES

Fulton Field, R.R.#1
Kamloops, B. C.

March 22, 1974

Dr. N.C. Carter, P. Eng.
Geological Division
Mineral Resources Branch
Parliament Buildings
Victoria, B.C.

Dear Nick:

Re: Nicola Cu Mines
Logan Lake

Checked at the Wiggins (Jr) farm and Nicola Cu have not been around for a while. They have moved north of the highway with a percussion rig.

I left a calling card at the farm where "they" live in a small trailer, asking if we could assist them in any way.

Rock near the highway, near an old adit 35' in length and striking 045° , is altered Nicola andesite, green, vesicular, containing feldspar, hornblende?, epidote, chlorite, carbonate and hematite. There is secondary 1' x $\frac{1}{2}$ ' plugs of calcite and $\frac{1}{2}$ " to 2" spheroid calcite and chlorapatite admixtures. Chalcocite and malachite with increased hematite with minor faulting and shearing striking 045° and dipping NW 53° . The volcanics are coarsely fractured with 1 foot average spacing; there appears to have been ~~structural~~ structural disturbance post alteration of the rock.

Two-hundred feet to the north east of this adit the rocks are knobby weathering, vesicular basalt with a possible bedding attitude of 340° - 36° NE. Flow thickness in 6 inches to one foot. Fracturing below may be related. (one outcrop-- instant success).

Best regards,

Gordon P.E. White, P. Eng.
District Geologist

cc. Bill McMillan ✓



WHEN REPLYING PLEASE REFER TO

FILE NO.

copy for WJ.M

DEPARTMENT OF MINES AND PETROLEUM RESOURCES
VICTORIA

September 19, 1973

Mr. G. Halliwell, Director,
Nicola Copper Mines,
98971 38A Street,
SURREY, B. C.

Dear Gerry:

Enclosed is a copy of the map and section I made of Nicola copper mine's property near Logan Lake.

As I discussed with you on the property, I think mineralization occurs as gas hole fillings in the tops of lava flows. In the trenched area above the adit, each flow appears to be five to seven feet thick. Flows over a section more than 60 feet thick seem to be mineralized.

I will contact your office early in October to arrange a time to look at the core stored at Mr. Kuhn's farm.

I would appreciate information on:

1. The direction, angle and length of hole #1
2. Assay data from the holes

The reason I would like these data is to further check my interpretation of the factors controlling mineralization.










I hope things are going well and that the snow holds off a while longer!

Yours sincerely,

W. J. McMillan, Ph. D., P. Eng.,
Geologist

W. J. McM. /ad
Encl: map

LEGEND

-  Mineralized vein
-  Sheet fractures
-  Fault
-  Flow bedding
-  Flow top
-  Adit
-  Outcrop area...
Nicola volcanics
-  Drill hole
-  Air photo lineament

