

KERR ADDISON MINES LIMITED

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93 H
attach to previous

correct
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To W. M. Sirola From P. M. Kavanagh

Subject Fort Reliance Minerals, Independence Copper Prospect Date October 26/64
Coquihalla Area, B.C.

- K.C.G.
- E.F.
- R.D.S.
- B.C.B.
- P.M.K. ✓
- G.W.M.
- H.A.P.
- C.K.W.
- J.B.S.
- G.P.R.
- K.F.L.
- J.B.
- E.C.J.

With reference to your memorandum of October 21st and further to our telephone conversation late last week, I suggest that you advise Wilnot that we would be interested in seeing the maps and other data when they are completed.

PMK

Paul M. Kavanagh
Chief Geologist - Exploration

PMK:dh

92 H. ?

Fort Reliance Minerals -
Independence Copper Prospect
Coquihalla Area B.C.

Oct 26, 1964

OCT 23 1964
KERR-ADDISON GOLD MINES LIMITED

(FOR INTER-OFFICE USE ONLY)

To P.M. KAVANAGH. From W.M. SIROLA.

Subject FORT RELIANCE MINERALS, INDEPENDENCE COPPER PROSPECT, Date October 21st, 1964.
COQUIHALLA AREA, B.C.

- W.S.R.
- K.C.G.
- E.F.
- R.D.S.
- B.C.B.
- P.M.K. ✓
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- J.B.S.
- G.P.R.
- K.F.L.
- J.I.B.
- E.C.J.

I have reviewed the available literature, and I have also talked with Doug Wilmot on the telephone regarding the above prospect. The property is described in Summary Reports of the Geological Survey of Canada for the years 1908-1909. There is also a description in Memoir 139.

The 1908 Report states that the Granby Company completed 1,000 ft. of tunnelling and 180 ft. of shaft on the property in two years. This work followed a north south fracture zone in a granite porphyry for a horizontal distance of 350 ft. and a depth of 180 ft. The copper mineralization is, allegedly, 90 ft. wide at a level of 126 ft. below surface. The fractures in the porphyry contain numerous calcite veinlets which carry the ore minerals. Secondary enrichment to chalcocite and cuprite has occurred.

The 1909 Report states that the sulphides present are chalcopyrite, pyrite, pyrrhotite, sphalerite, molybdenite, tetrahedrite and chalcocite. Surface assays of 20% copper were obtained, but the primary mineralization averages about 3% and contains a small amount of gold.

Memoir 139 goes into more geological detail and adds that the value of gold is \$1.00 per ton. The report states that the main adit is 500 ft. long, there are 265 ft. of shafts, and at 360 ft. from the portal are crosscuts on either side of 145 ft. and 342 ft. respectively. At 390 ft. from the portal a raise of 126 ft. was made to the surface.

These glowing descriptions make the property sound most intriguing. On talking to Wilmot, however, I learned that none of the workings are accessible, nor has any effort been made to rehabilitate the tunnels. A magnetometer survey, together with geochemistry, has been completed in an area 3,000 - 8,000 ft. south of the workings. Apparently, some magnetic anomalies have been encountered, but very little was found with the rubenic geochemical

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To.....From.....

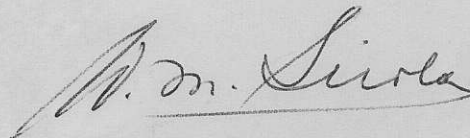
Subject.....Date.....

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- 2 -

method. Wilmot has someone completing the maps at this time, and these will be available for our perusal if we wish. Wilmot, himself, seems to be entirely honest about the situation, and does not appear to have any strong sentiments about the property one way or the other. The property can still be visited, but, apparently, only the dump from the workings can be seen.

It would seem a reasonable assumption that the underground work was terminated either through a diminution of grade or a complete absence of ore.



William M. Sirola.

WMS/iw.

OCT 5 1964

3100
25 KING STREET WEST
TORONTO 1, CANADA

October 2, 1964

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W.S.R.	
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EF.	
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J.L.S.	
E.C.J.	Ⓢ

Dr. Paul M. Kavanagh
Kerr Addison Mines Limited
44 King Street West
Toronto 1, Ontario

Dear Paul:

Our company now has a crew working on the Independence Copper Prospect in southern British Columbia. An underground program was completed here in the early 1920's in which Granby and Cominco were both involved.

northeast of Hope.

Fort Reliance Minerals owns four crown grants and 60 adjoining claims covering the old workings and favorable belt in this area. A gas and oil pipeline crosses the property and it is located only 40 miles north-east of Hope.

I thought you might be interested in having one of your Vancouver based geologists examine the property before October 15. A resume is attached for your information.

With very best regards.

Yours sincerely,

FORT RELIANCE MINERALS LIMITED

J. A. Harquail
J. A. Harquail

JAH:SW
Encl.

*have asked Serola for his opinion
Oct. 8/64.
P.M.K.*

FORT RELIANCE MINERALS LIMITED

INDEPENDENCE COPPER PROSPECT

COQUIHALIA DISTRICT, B.C.

An exploration program, consisting of geophysical and geochemical surveys, is now in progress at the Independence prospect. This program is under the supervision of A. D. Wilmot, P.Eng. and will be completed by October 15, 1964.

Four crown grants cover the old mine workings and an additional 60 claims have been staked adjoining these along the favorable belt. The last underground work was done in 1923.

The adit and camp area is located about 3 miles south-east of Coquihalla Station which is now the site of pumping stations for gas and oil lines. This is about 30 miles north-east of Hope, B. C.

There are three ways of reaching the property:

1. By helicopter from Hope. A helicopter can land within 500 feet of the adit and the two log cabins which serve as an exploration camp.
2. By an excellent private highway from Hope - a distance of 40 miles. This road is controlled by Trans-Mountain Pipe Lines and special permission must be obtained to use it.
3. You can proceed by regular automobile to Merritt or Princeton and then go about 45 miles to Brookmere. Proceed four miles beyond Brookmere and turn left on a side road marked "Trans-Mountain Pipe Line Co." This road has no restriction on it. Keep to the right on this road and go along the old railway "right of way" for another 18 miles. Turn left at Mile Post 17.2, about a half mile before reaching the pumping station. By driving 1,000 feet off the highway you will be on the road up the mountain. Regular passenger cars must be parked here.

A four wheel drive vehicle can get two-thirds of the way up the mountain and a 20 minute walk is required to get into camp. It would require 1½ hours to walk to the camp from the lower parking area.

October 2, 1964