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DEPARTMENT OF MINES
OFFICE OF THE INSPECTOR

Lillooet, B.C.

July 31st., 1941

P.B. Freeland, Esq.,
Chief Engineer,
Dept. of Mines,
Parliament Buildings,
Victoria, B.C.

DEPT. OF MINES

Rec'd AUG 2 1941

Referred to.....

Ans'd.....

Dear Sir:

E. Lorntzen, a local prospector left a large specimen of mineral in my office asking if I could have it tested for magnesite.

As there appears to be some magnesite crystals in it and as there is apparently substantial deposits of this mineral or minerals in the area between Tyaughton Lake and Marshall Creek, Lower Bridge River district, I am sending a portion of the specimen forward under separate cover. I understand that there are actually known deposits of magnesite in the area.

LIZA LAKE

Mr. Lorntzen is under the impression that he is entitled to a free analysis by merely forwarding the number of his F.M.C. which is 45765E. If this is so he would like the results of the analysis and any comments as to the commercial possibilities thereof forwarded to him at Minto City, B.C.

Yours very truly,

J. G. Mitchell
Inspector of Mines.

PROPERTY FILE

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5656/41.

Shalalth P.O., B.C.

August 5th, 1941.

c/o B.C.E. Rly. Co.

Mr. P.B. Freeland,
Chief Mining Engineer,
Dept. of Mines, Victoria, B.C.

Dear Sir:

Many thanks for enclosed book on magnesium, etc. I am sorry I have delayed answering your letter regarding the extent of Chromite mineralization. I had hoped to have been able to have gone up to the claims for some samples but didn't make it.

However, I wish to remind you that the Department of Victoria made an assay on the chromite i.e. 35% last year. In my ignorance I took samples of principally chromite. Dr. Stevenson's report is fairly accurate in that the chrome occurs in grains and bunches.

A sample sent to the Vancouver Exhibition 1940 won the gold medal award.

It is hard to say without more sampling regarding the actual chromite content. However, there are extensive bodies of magnesite or carbonatized serpentine. I call it magnesite, and indications of more that is covered by overburden. The longest is over 800 feet long by 200 feet wide showing. Very little dirt on it and oxidized from about a 1/4 of inch to 1 inch in depth at most.

Any of the magnesite when cracked open shows chromite grains. Then there are the bunches and lenses. I have taken over 50 lbs. of good samples from the spot where it showed the best. This rock is all in place.

My idea was that as magnesium chromite and iron are all needed that none of this need be wasted. This deposit is about 3% lime (one assay), 13% iron, 40% magnesite. I also had one assay of \$12.00 Au in the chromite to the ton.

PROPERTY FILE

But the beauty of all this is that a tram line 2 miles long from the mine to Shalalth could be put in. A mill established on Seton Lake. The Bridge River Power Co. have a potential power supply 250,000 H.P. a mile away. They have a tunnel through the mountain from Seton Lake to Bridge River and possibly water could be brought through a pipe for milling. The tunnel is 1,200 elevation above Seton Lake. The P.G.E. Rly runs right by the door.

In summing up I would say that there is appreciable amount of chromite with lots of magnesium and iron.

In deposits of magmatic origin I understand the baser metals such as chromite, being heavier, tend to settle down and that a diamond-drill may disclose more favorable deposits.

Trusting this is the information you require and if you decide to send in an engineer will be only too glad to show them around.

This group is now called the B.C. magnesium being changed from B.C. chromite as before.

Yours very sincerely,

"J.J. Devitt"

3
COPY

CONSOLIDATED MINING & SMELTING COMPANY
OF CANADA LIMITED.

TUNGSTEN QUEEN MINE
MINTO B.C.
FEBRUARY 9, 1942.

Mines Department,
Victoria, B.C.

Dear Sir:

A few weeks ago there appeared a report in the Lillooet News about deposits of magnesite and chromium on Mission Mountain owned by J.J. Devett and S.M. Jones. These were supposed to have been examined by two government engineers.

Would it be possible to get information from the government reports. If the showings are attractive, I would like to have a look at them next summer.

Yours truly,

"Gerard J. Boisjoli"

See original letter and Mr. Freeland's reply of February 14th on chromite file. (Mr. Cumming's office)

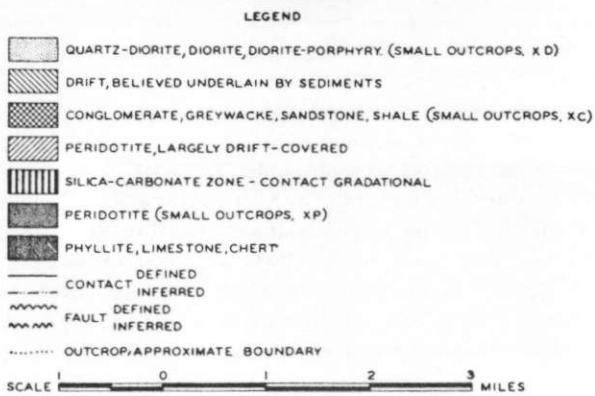
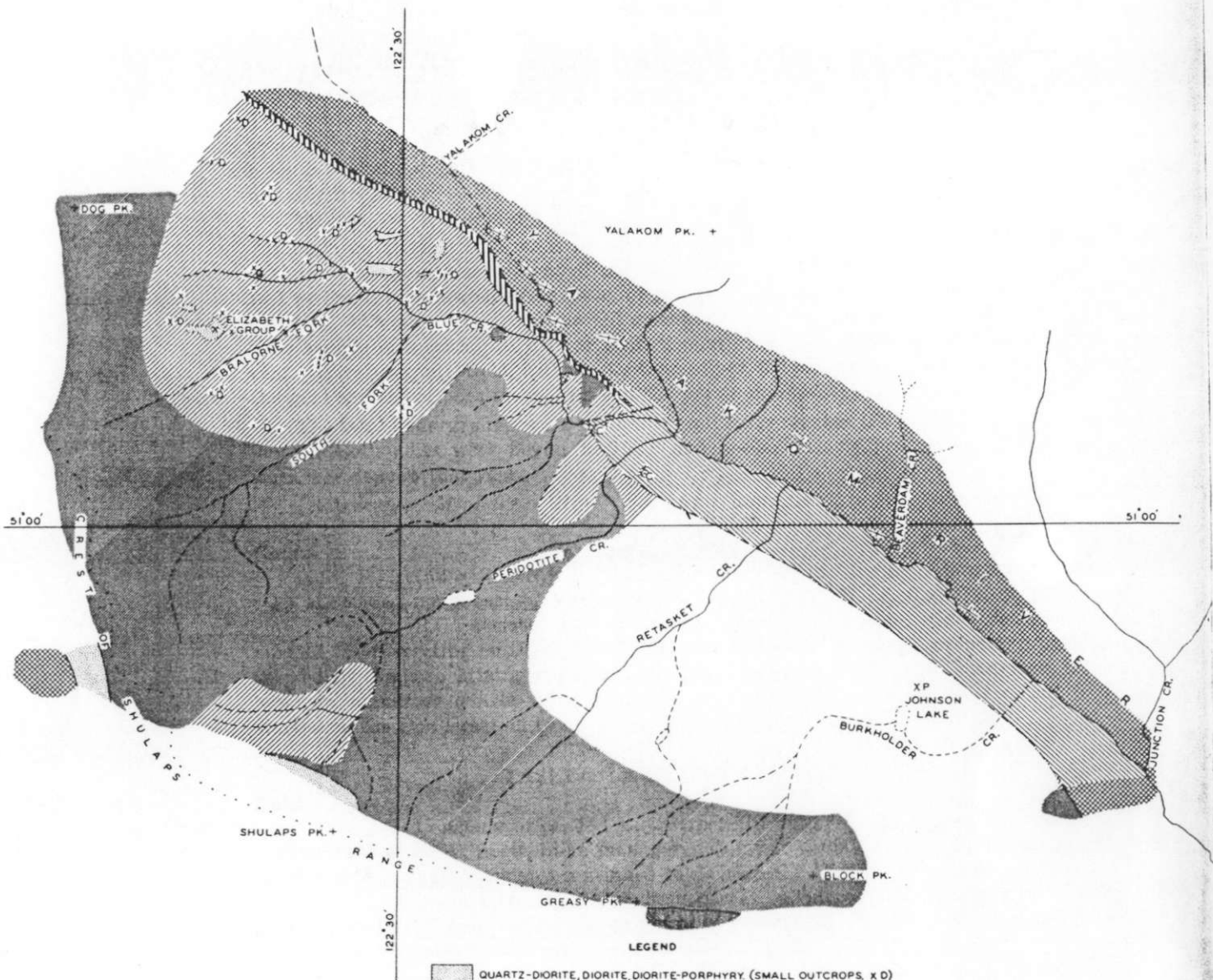


FIG.15. GEOLOGY OF PART OF THE SHULAPS-YALAKOM AREA

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