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FILE NO.

MINERAL RESOURCES BRANCH DEPARTMENT OF MINES AND PETROLEUM RESOURCES

101 - 2985 Airport Drive Kamloops, B. C.

January 24, 1975

Dr. N. C. Carter, P.Eng. Senior Geologist Mineral Resources Branch Parliament Buildings Victoria, B. C.



1222

DEPT. OF MINES
AND PETROLEUM RESOURCES

Dear Nick:

Re: Ernie Gavelin, Gesel/Bluebird Claims Mamette Lake Area, 92 I 7

Further to Jim Fyles' letter to Gavelin dated December 9, 1974, on January 23, 1975 showings on the Gesel claims were examined on a west facing hill above the Logan Lake/Merritt highway and about 17.6 Km south on the highway off the Logan Lake/Merritt turn off. The area is hilly, lightly to well forested, has considerable non-glacial overburden, and the showing seen was at 1030 M MSL.

The investigation was handicapped considerably by snow.

In one trenched area there is a small adit allowing crawlspace driven on a silicified shear zone which strikes 0 degrees and
dips E 35 degrees. The quartz is dull white and mineralization in
blebs and patches from 0.5 cms to several cms across is infrequently
and randomly distributed throughout the quartz. Minerals in order of
frequency are sphalerite, chalcopyrite and pyrite. The vein is about
one meter wide and seems to be on the hanging wall side of a silicified
and gouge filled shear zone of similar attitude but of less metallic
content. Limonite is common away from the 1 meter vein, and the main
shear is probably ten meters in width. Other shears and relatively
flat faults with gouge, and angular fragments in the shears were noted
but these were not always mineralized except for some pyrite.

The host rocks are basalt and andesite which are commmonly limonite stained.

Dr. N. C. Carter, P.Eng. January 24, 1975 Page 2

From 11 a.m. until 3 p.m. was spent listening to Mr. Gavelin. He is very hostile to exploration companies and dispensed vast verbage decrying companies, describing sabatage carried out on his equipment and telling of injustices and wrongs committed on his farm and mineral claims.

Three small samples of intrusive with high ${\rm MoS}_2$ values are reported by him to be off his Gesel 37 - 38 claims where Teck are supposed to have put holes down illegally. This is being forwarded to Bill M under separate cover for comment.

The claims will be visited when the snow has departed and I will probably spend a few days there.

The Bluebirds are near Canford and completely under snow.

Yours truly,

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

/so

cc: Dr. J. T. Fyles/ cc: Dr. W. McMillan

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December 9th 1974

Mr. E. P. Gayelin, Box 498, MERRITT, B. C.

Dear Mr. Gavelin:

Thank you for your letter regarding your Gesel and Bluebird claims. I have passed the information to Gordon White our District Geologist in Kamloops (address 2985 Airport Drive, telephone, 376:7201).

He can visit the properties and advise you regarding diamond drilling or other work.

Yours very truly,

JAMES T. FYLES Associate Deputy Minister

JTF:bg

c.c. N.C.C. G.P.E. White with xerox L.I. 12167 Mr. Ernest P. Gavelin
Box 498

Merrett

B. C.

Dr. J. T. Tyles.

Deputy Minister, Mineral Resources, Thone, 378.5096

Victoria B. C.

Dear Sir.

The D., T. Eng., Acting administrator, Prospector Assistance.,
to get in touch with you.

I own 42 Mineral Claims in the Micola Mining Der, named Gesel 1 to 38 which are located in Mamitte hake in the Highland Valley district, and Bluebird 1 to 4 located in Canford B. C. I have Keld the said Gesel Claims since 1964, there is a mineralized your running through these claims for over 2 mbs. North a South and approx. 4 ml. wide, I have done a lot of trenching with a T.D. 24, Bulldozer allso some drilling I blasting, I have been following a large low grade copperdeposit, when by chance I traced some showing of Galena & Zine, copper & gold, now I have descovered a large deposit of this ove, which is of a very high grade, zine assayed at 15%,

Lead 2%, Selver 2%, copper 1/6, plus gold and other minerals.

I have allready spent approx. 40 ove, or in money and work, on this praspect, it is now at a stage where I need a mining geologist to have a book at it, to see if it should be dramond Drilled, to find out how large the deposit is and of what grade.

Could it he possible for you to send someone up to have a book at it.

Your Truly Opvelin

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REFERRED TO DATE INITIAL D.M. ADM (M) ADM (P) C.G.C. C.P.R. **DCGC ACPR** G.C. ACCTS. GEOL. INSP. M. REV. EC. & P. FILE NO. FILING CLERK

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