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KERR ADDISON MINES LIMITED

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Rec'd. June 28/65

Bc 7
093M/08

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

To..... P.M. KAVANAGH. From..... W.M. SIROLA. Date June 24th, 1965.

Subject BABINE LAKE PROJECT - AREA "I" ANOMALY.

I neglected to ask you on the telephone today if we had ever shipped you blueprints of the Babine (north) project. If you have not received these, would you please so advise me? I will mail you a complete set of prints in order that you may follow the course of the work. Probably these were not sent to you because the prints that came back from Riley's were too dark and we considered them unsatisfactory.

Area "I" refers to a magnetic anomaly located 14,000 ft. west of Tochcha Lake, which in turn is located at 55°N. and 126°W.

The magnetic anomalies are in the order of 1,000 - 2,000 gammas, and there is usually a coincident E.M. anomaly in the order of 5 - 10°. The ratio of low frequency/high frequency is in the order of .8/1.0. Since the anomalies are very broad, they may be due to serpentine, but they do not appear to be the type which would be caused by magnetite, as such. In some cases, however, the E.M. lines are too short to be properly interpreted, and in each case detail is lacking because the readings were taken 200 ft. apart with a coil separation of 200 ft.

Apparently the anomalous area is quite swampy, and Fred did not place any value on the silt sampling which he did, nor did he attempt to collect any soil samples under those circumstances.

It is too early to attempt an intellegent appraisal as to the probable cause of these anomalies, but I do feel that more work is justified. Fred has moved out of this area and does not appear to have any additional data, although I am not completely certain of this.

Between Fred and the prospectors they have examined three other anomalous areas, and at least two of these have been caused by gabbros with a higher than average magnetite content.

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

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

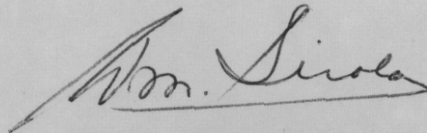
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It would be interesting to know whether Crone has ever encountered similar anomalous conditions on any of the projects on which he has worked, and if his interpretation has been that these anomalies are caused by serpentinized rocks.

I will get Fred back into this area to finish the work there and perhaps to see if it produces similar broad anomalies with the S.P. equipment.

I would be interested in your comments regarding the matter of staking this type of anomaly.



William M. Sirola.

WMS/iw.