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Spann Creek Exploration

KERR ADDISON MINES LIMITED

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*Maps & Plans
10/19*

W.S.R.
K.M.L.
E.F.
H.S.
E.S.S.
P.M.A. ✓
G.W.L.
H.A.P.
G.A.W.
J.B.S.
G.P.R.
K.F.L.
L.B.
<u>E.C.J.</u>

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

Subject Proposed I.P. Survey, Spann Creek Group, Stikine Area, B.C. (104-G) Date October 26/64

This is prompted by your memorandum of October 22nd.

I will consult with the McPhar people, and also with the Hunting people.

In the meantime, and regardless of whether we decide on an I.P. survey or not, I agree with you that we should obtain topographical maps, and presumably Hunting in Vancouver can prepare them as well as anyone.

I would appreciate it if you would explain your point #3 on page 1 to the effect that the interpretation of the I.P. results should be done by an independent consultant.

Paul M. Kavanagh
Chief Geologist - Exploration

PMK:dh

OCT 26 1964

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

Subject PROPOSED I.P. SURVEY, SPANN CREEK GROUP, Date October 22nd, 1964.
STIKINE AREA, B.C. (104-G).

Since my last talk with you on the above subject I have discussed the matter in much more detail with Jack Gower and Don Smellie. Here are some of the facts to be considered :

- (1) McPhar I.P. equipment is supposedly more portable than Hunting's.
- (2) The McPhar people have a background of experience at Galore Creek.
- (3) Interpretation should be done by an independent consultant. The Kennco people use Don Smellie.
- (4) I.P. work is more difficult at higher altitudes because of (a) frozen ground, and (b) lack of moisture in the ground (in some cases).
- (5) I.P. surveys do not necessarily locate minutely disseminated mineralization where there is no connection between any of the mineral particles.
- (6) Anomalies have been found which were unexplained.
- (7) Thick glacial moraines can be a problem.

It is my suggestion that you contact McPhar and go over these problems point by point with them to determine their reaction. Our problem, of course, is that while we do have a drilling target of sorts, we have no means of assessing lower ground covered by morainal material and other types of overburden. I do not consider that the moraine in the immediate area we would be working in would be too deep, and I think that the work, if it is to be done, could commence about mid-June. Gower recommends the use of I.P. in the Stikine area at the lower elevations, but is not so sure about its application at 6,000 ft. The only possible difference I could see would be that of snow cover late in the season, and this is very important from a standpoint of timing. In other words, a survey which might be entirely feasible in mid-August might be hampered somewhat early in June. I had not seen the property early in June, so I cannot describe the snow picture accurately at that time. In late August there were only small patches of snow

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

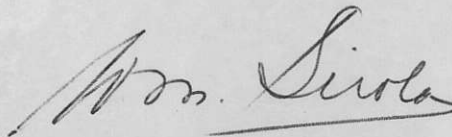
Subject.....Date.....

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- 2 -

in the vicinity of the showings, and this would not hamper the survey too much, because a wider electrode separation could probably be used.

I would not commit to a survey, as yet, but I think we should procede with the business of having topographic maps prepared by Hunting, or some equivalent organization.



William M. Sirola.

WMS/iw.

NOV 5 1964

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(FOR INTER-OFFICE USE ONLY)

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

Subject I.P. SURVEY - SPANN CREEK GROUP, STIKINE AREA, B.C. Date November 4th, 1964.

When I discussed the I.P. situation in the Stikine area with Jack Gower, he expressed the feeling that it was not enough to have the people who do the I.P. work interpret the results. It was his feeling, and mine, that the people who contract for I.P. surveys are always provided with anomalies on which drilling is recommended. Usually, these turn out to be very minor amounts of sulphides, and, in some cases, no explanation is found for the anomaly. An independent consultation by an I.P. expert, if there is such a thing, would probably be a good idea where considerable cost is involved in initiating a drilling programme.

- W.S.R.
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Handwritten signature of William M. Sirola

William M. Sirola.

WMS/iw.