Spann Creek
104G/13
826017

KERR ADDISON MINES LIMITED

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

To W. M. Sirola *From* E. C. Jacka

Subject Spann Creek I.P. Survey *Date* June 16th, 1965.

Enclosed herewith please find map as requested by phone covering Spann Creek I.P. survey.

E. C. Jacka

E. C. Jacka

ECJ:sw

Enc.

MAR 1 1965

KERR-ADDISON GOLD MINES LIMITED

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K.C.G.
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E.C.J.

To P.M. KAVANAGH. *From* W.M. SIROLA. cfb BC 3/D

Subject SPANN CREEK PROPERTY - I.P. SURVEYS. *Date* February 25th, 1965.

On the accompanying 1,000 scale topographic map I have shown the approximate outlines of the Spann Creek claims, the geology as mapped on $\frac{1}{2}$ mile photos by Willis Osborne, the location of the stream silt samples on Wilf and Goat Creeks, and a 1 square mile area, which I feel should be covered by the I.P. survey. In addition, I have shown two reconnaissance I.P. traverses, each 5,000 feet in length, to cover the central portion of the Wilf Creek basin. The purpose of the reconnaissance traverses is to determine whether or not the basin, which is largely covered by talus and morrainal material, might also contain unknown mineralization. If these two traverses indicated strong anomalies we would then be justified in extending the I.P. survey area to the northwest, and covering an additional square mile of territory.

The ridges surrounding the Wilf Creek basin are magnetically high, and this may be indicative of peripheral magnetism, such as occurs at Galore Creek.

It would probably be a good idea to let McPhar Geophysics see this map, to see if they could cope with the terrain and perhaps make suggestions as to how they would do the survey. I have drawn the survey lines at 500 ft. intervals normal to the average joint direction.

We have duplicate copies of this map, so that there is no need for you to return the enclosed copy.

I think we should commit for the 1 square mile and the two reconnaissance traverses which total 10,000 feet, with the understanding that McPhar would be prepared to do the additional area if warranted.

They should be prepared to move their crews to the property on July 15th.

Phil Halcrow of McPhar visited my office on Mar. 2nd & I went over the map with him & made a note of his suggestions. PMK.

William M. Sirola.

WMS/iw.

RECONNAISSANCE MAP

RECONNAISSANCE MAP

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SPANN CREEK, STIKINE PROJECT.

GEOLOGICAL MAP

- Snow
- Limestone & Black Argillite
- PRE-INTRUSIVE IGNEOUS ROCKS
- Orthoclase Porphyry, Syenite Pegmatite
- Granodiorite, Quartz Diorite
- Biotite, Amphibole & Magnetite - Rich Rocks

Mineralization

1. High content of chalcopyrite (moly) in joints
2. Moderate content chpy (moly) in joints
3. Low content of (or leached) chpy (moly) in joints
4. Chpy. in quartz veins
5. Chpy. in sheared dyke
6. Chpy (moly) in silicified and pyritized rock, high grade disseminated
7. Malachite in intensely altered rock
8. High grade chpy. in volcanic float.
9. Small zone of high grade chpy. in stringers in granodiorite.
10. Moly in joints.

* ppm - assay - silt sample

RECONNAISSANCE MAP

PENCIL MANUSCRIPT

64-331

SCALE 1000 FEET TO 1 INCH

(TO BE ENLARGED TO 400'/IN)

SCALE BASED ON 2 MILE MAP

GSC DATUM (APPROXIMATE)

HUNTING SURVEY CORPORATION LIMITED
WEST COAST DIVISION
2309 WEST PENDER STREET
VANCOUVER 5, B.C.