

005794

AUG 15 1963

# KERR-ADDISON GOLD MINES LIMITED

(FOR INTER-OFFICE USE ONLY)

GR M/1

|        |   |
|--------|---|
| W.S.R. |   |
| K.C.G. |   |
| G.N.M. |   |
| R.D.S. |   |
| R.C.B. |   |
| P.M.K. | ✓ |
| E.C.C. |   |
| H.A.P. |   |
| J.B.S. |   |
| G.P.R. |   |
| E.L.D. |   |
| J.I.B. |   |
| E.C.I. |   |
| D.V.B. |   |

To P.M. KAVANAGH

From W.M. SIROLA

Subject Rox Group - Mye Mt. Area, Y.T.

Date August 14th, 1963

Yesterday I received a self-potential and an E.M. map for the above property, from A. Kulan.

I do not know what to make of the E.M. results because I do not know which side of the profiles is plus and which is minus, but in any case, there would appear to be one significant bump which occurs on line ~~zero~~ 25, at 19 + 00 west.

For some obscure reason, the new magnetometer was not used as it should have been.

The self-potential picture appears to me, to be clear enough, except that our technical crew should have had the presence of mind to have run their lines across the structure which was so clearly indicated by Fred Carter. Instead, they ran them parallel to the structure. While this is not particularly damaging from the S.P. point of view, it is of no help whatsoever to the E.M. survey, and could in fact have seriously affected the results.

There appear to be three distinct bands of mineralization occurring on lines 2 south, 6 north and 10 north. The strike appears to be north 30° west, or parallel to the geophysical traverses. I am rather pleasantly surprised that this type of mineralization is so clearly detectable by the self-potential method. I still feel that these are vein-type structures, rather than broad, mineralized zones. I say this because of the distinct alignment of these structures in a north 30° west direction. Be that as it may, it now behooves us to determine, as simply as possible, whether or not this conjecture is correct. Such sampling as was done by Carter, suggests that the lead-silver ratios, are in the order of 1 : 1, or less. Therefore, if these structures prove to be narrow, the project can be written off.

*I went over this situation with Sirola et al during my recent western trip. The results don't suggest anything very encouraging. Sirola may investigate the ground further during the forthcoming Elsec aeromag survey in the Vancouver region*

contd.. - 2 -

*Pmk. Sept. 10/63*

# KERR-ADDISON GOLD MINES LIMITED

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

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

contd...

- 2 -

From Fred Carter's work, I would assume that there is another zone, 2500' north of the one located with the S.P. survey. For some reason, Wolfe and McRae did not elect to continue their work into that area.

I will discuss the entire survey with Wolfe and McRae, and perhaps can enlarge on the picture at that time. They may also know whether or not anomalous areas are amenable to hand trenching.

Al. Kulan told me that he would send you a duplicate set of maps, and I have, for this reason, not forwarded copies with this report.

I have tacitly assumed that the anomalies are caused by mineralization, rather than carbonaceous material. The reason for this is simply that Fred Carter showed only quartz-porphry and granite in his work, with the exception of one ~~of~~ schist and skarn outcrop on the northwest corner of his No. 2 map sheet.

Please note that Wolfe and McRae staked 4 additional claims on the northwest end of the property.



William M. Sirola.

WS/iw.

OCT 21 1965

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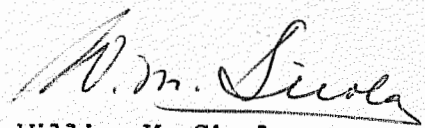
(FOR INTER-OFFICE USE ONLY)

To P.M. KAVANAGH. From W.M. SIROLA.  
Subject <sup>Kerr's</sup> FORMER ROX GROUP, YUKON TERRITORY. 105-K-6. Date October 18th, 1965.

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

The southwest end of the former Rox Group is now covered by the CAM 1 - 6 Mineral Claims. This group appears to have been staked in 1964 and re-staked in 1965.

The CAM 1 - 3 now cover the self-potential anomaly we have located on the Rox 14, 16, 18 and 20.

  
William M. Sirola.

WMS:iw.

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To..... Paul M. Kavanagh..... From..... C.K. Wilton.....

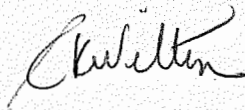
Subject..... E.M. and S.P. Traverse across Vangorda Prospect..... Date..... August 14th, 1963.....

*Yukon.*

Crone was shown Sirola's map and memo of August 7th.

In general he agrees with Sirola's observations. He mentioned the effect that variable overburden has on the amplitude of values. He says that S.P. anomalies caused by graphite are usually several times higher than those caused by sulphides as in this case also. He mentioned that in New Brunswick all S.P. anomalies above 800 millivolts were pretty certain to be caused by graphite but one of the ore bodies had an S.P anomaly greater than 800 millivolts. In the Mattagami area C.P. Jenney's rule of thumb has been to drill only coincident magnetic and E.M anomalies.

Crone feels that a large amount of experience is important in trying to formulate generalizations and that any generalization can be wrong in a small percentage of cases.



C.K. Wilton  
Senior Geologist - Exploration

CKW/sm.