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OCT 19 1964

PHONE: 269-1356



UNITED GEOPHYSICAL COMPANY OF AMERICA

PASADENA TULSA HOUSTON NEW YORK CALGARY PARIS CARACAS RIO DE JANEIRO SANTIAGO

SUITE 8, 534-6TH AVENUE S.W. CALGARY, ALBERTA

10954 80th. Ave.,
Edmonton,
Alberta.

October 15th. '64. W.S.R.
K.C.G.
R.D.S.
E.C.C.

Mr. P. Kavanagh,
Exploration Manager,
Kerr Addison Mines,
44 King Street W.,
Toronto, Ont.

"C" Anomaly

Dear Mr. Kavanagh,

Please find enclosed a provisional gravity map of the B.S. Group Y.T. There exists a survey error on line 28W which is being resolved. The final map will differ only slightly (if at all) from the enclosed map.

Dynasty Explorations have received no map of this area. They will receive only the complement of this map.

I am the only person who has seen the entire map. If you wish to contact me I can be reached by phone at 439 8448 after 6 pm M.S.T.

Sincerely Yours,

T.R.

Tony Rich. (United Geo. Co.)

KERR-ADDISON GOLD MINES LIMITED

(FOR INTER-OFFICE USE ONLY)

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

Subject 'C' Anomaly, Swim Lakes BC Group, Yukon Date October 27/64

Crone, like yourself, does not consider that the gravity results, as shown on the preliminary sketch we have received here are of very much interest. He summarizes his thoughts by saying that to be of interest the gravity anomaly should rise to, and fall off from, a definite peak over relatively short distances -- like the one on the 'A' group does. I guess you would agree.

Crone is not so certain that the anomaly, as indicated by the magnetic, EM, and S.P. results, has a north dip. He thinks in fact that the EM data suggests that it does not have a north dip.

He definitely considers that the anomaly should be drilled.

I am awaiting the information from you concerning the location of the anomalous geochem pits.



Paul M. Kavanagh
Chief Geologist - Exploration

PMK:dh

NOV 5 1964

KERR-ADDISON GOLD MINES LIMITED

(FOR INTER-OFFICE USE ONLY)

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

Subject GRAVITY RESULTS - B.S. GROUP, SWIM LAKES, Y.T. Date November 4th, 1964.

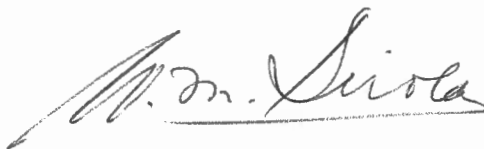
"C" Anomaly

Tony Rich of the United Geophysical Company telephoned on October 30th to say that a 0.8 milligal Bouger anomaly occurs just south of our south boundary and extends from Line 0 - Line 42. He stated that it coincided very closely with the magnetics and that the highest part of the anomaly was on Line 36. He did not seem to know what the residual anomaly was, because he had not determined a regional gravity for that area. It was his interpretation, from the gravity results, that the underlying rocks dip to the north at 22°.

I have asked Rich to send all of the calculations for all of the gravity work done on our behalf to your office. I have also requested that he send a copy of the levelling data to my office so that we can prepare contour maps of the various claim groups.

If I am right about the north dip, then the gravity anomaly ~~off~~ our south boundary has much more significance to us than it has to Dynasty.

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



William M. Sirola.

WMS/iw.

PHONE: 269-1356

DEC 23 1964
1/7(ii) RECEIVED
DEC 21 1964



SUITE 8, 534-6TH AVENUE S.W.
CALGARY, ALBERTA

"C" Anomaly Gravity Results

December 17, 1964.

Mr. W. M. Sirola,
Kerr Addison Mines Limited,
Suite 402 - 1112 West Pender Street,
Vancouver 1, B.C.

Copy - B.M.K.
2 re "A" anomaly
2 re "C" anomaly
2 re "D" anomaly
2 re "E" anomaly

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

Dear Bill:

Under separate cover we are sending six final maps on the gravity work done last fall. I picked up all the basic data from Tony a little over a week ago and brought it down to Calgary. Our staff here has replotted and redrawn contours on all of it. You can appreciate there are certain contour options that can be selected on any group of values; therefore you should consider differences in options between these maps and the preliminary maps by Tony Rich as being just that - a difference in possible lineations which you may evaluate. There is no essential difference in the basic data.

I believe the anomaly of small extent but large gravity value on the Swim Lake prospect to be the only one of genuine significance that has been found. The high gravity values along the south part of the B.S. group may indicate presence of sulphides. However, if they do I suspect that significant concentrations would be rather deep and perhaps of fairly large areal extent.

We are pleased to have had the opportunity of doing these surveys for you and would be happy to perform this sort of work again next year.

Very truly yours,

Robert B. Galeski

RBG:pmm

Robert B. Galeski