

005643

TITAN PROJECT

KPO no. 28 Soil Sampling Grid

Reasons for Present Investigations:

A resistivity survey in 1959 revealed a strong, N45°E-trending line of low values which was interpreted as a structural system with two branches towards the southwest. The lowest reading occurred within KPO no. 30 near the boundary with no. 28. The strong appearance of this structure combined with the apparent presence of at least two northwest cross-faults was thought sufficient grounds for a reconnaissance soil sampling grid.

Field Conditions:

As can be seen from the accompanying map, only a limited amount of soil sampling was carried out, and this a considerable distance (1500 to 2100 feet) northeast of the main resistivity low. Unfortunately, this low falls in a very boggy area and the samplers were unable to collect any inorganic sediment due to accumulated organic matter to depths of over six feet. Sampling was carried out over drier ground well to the northeast across the strike extension of the geophysics trend.

Results:

No indication of any buried source of mercury appears in the profiles unless the small peak on line X is considered to have some significance. The depth of overburden in this area may be greater than in the sampled areas to the east.

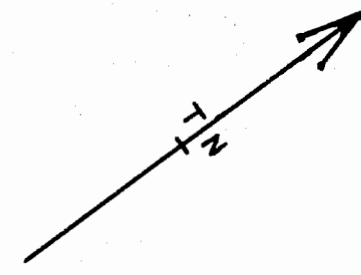
Conclusions and Recommendations:

A proper geochemical evaluation of this area will have to wait until either an alternative sampling technique or analytical method to deal with these swampy conditions is developed.

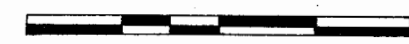
Typed, Vancouver Office  
October 11, 1963 /ja

9th October, 1963  
David Seymour.




Distribution: Noranda Exploration Co. Ltd.  
Homestake Mining Company  
Kerr-Addison Gold Mines Ltd.  
Silver Titan Mines Limited  
Canex Aerial Exploration Ltd.  
D. L. Seymour  
E. A. Scholz  
J. D. Little  
L. Adie  
File



Scale  
1" = 200'



Legend

- Claim Boundary 
- Hg Profile 
- Resistivity low trend 

SILVER TITAN PROJECT  
MAYO, YUKON

KPO 28

KPO 28  
SOIL SAMPLE GRID  
LOCATION

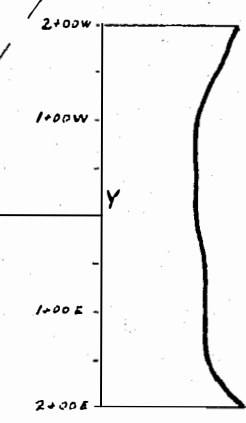
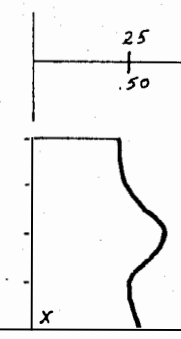
MERCURY DETECTOR PROFILES

Sampled by	T.S., H.B. & M.O.H.
Analyzed by	D.L.S.
Compiled by	D.L.S. & M.O.H.
Drawn by	M.O.H.
Date	October 8, 1963

AA 24 Fr.

AA 26

25 50 ppb  
50 100 scale divs



Soil Sample Baseline  
Brq N 37E

