

005642

TITAN PROJECT

KPO No. 18, Soil Sampling Grid

Reasons for Present Investigations:

The 1959 resistivity survey revealed two moderately strong trends of low readings which tend to converge towards a zone of relatively high resistivity readings. In view of the possible significance of the change from low to high resistivity along the strike of the structure in Area "A", it was decided to investigate the potential of this portion of KPO No. 18 through reconnaissance grid sampling (50-foot sample interval along lines 400 feet apart).

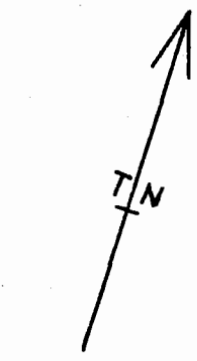
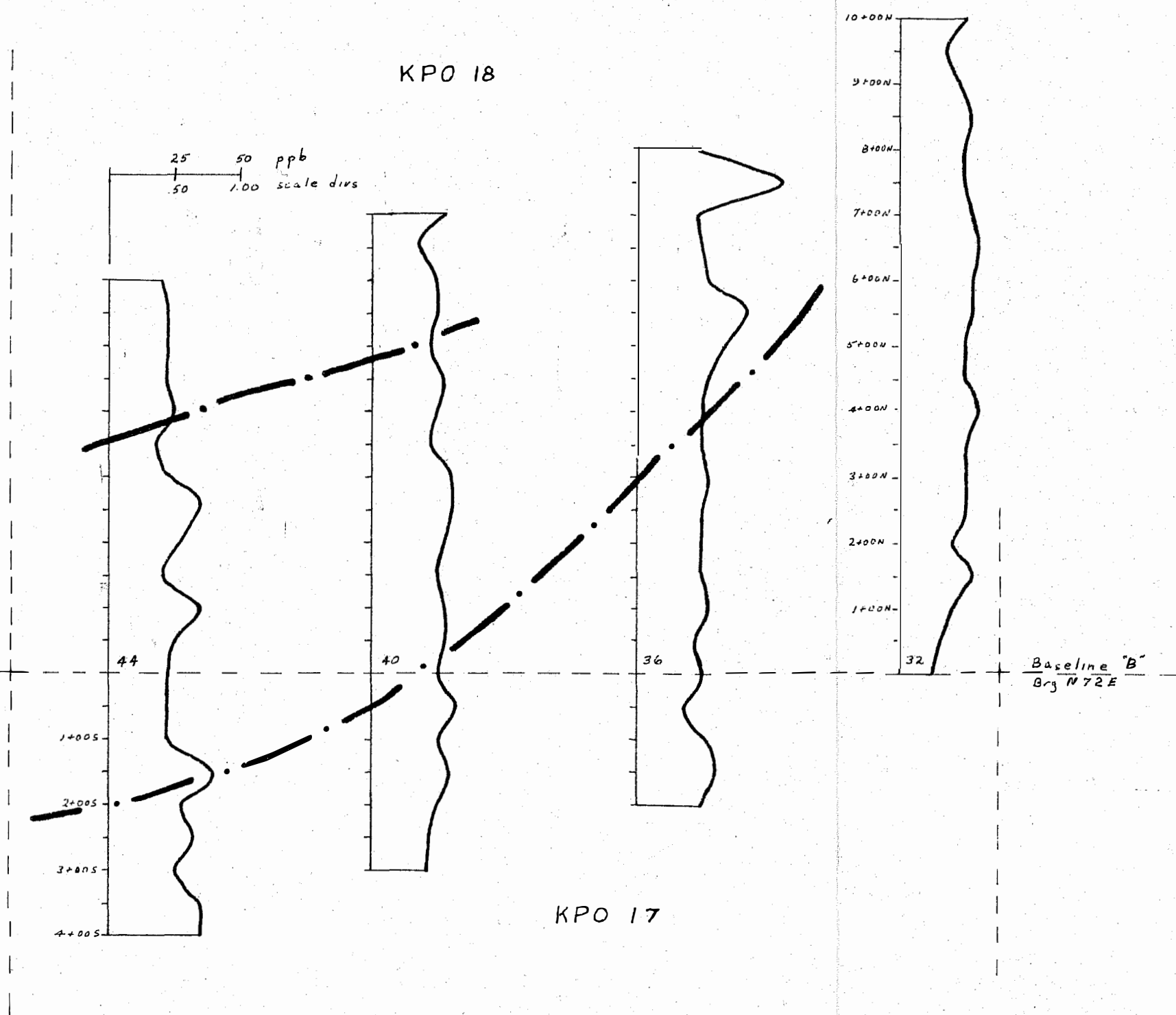
Results:

The marked mercury peak near the northwest end of line 36 occurs over the area of relatively high resistivity, and may be of some significance. However, the flat profile of line 32 seems to rule out the possibility of an extension along strike to the northeast.

Recommendations:


- (1) Extend line 40 by 200 feet (4 samples) to the northwest.
- (2) Sample lines 34 from 7+00 north to 10+00, and line 38 from 6+00 north to 9+00 using a 50-foot sample interval.


David L. Seymour:d  
Vancouver, B.C.  
October 11, 1963.




Scale  
1" = 200'

**Legend**

Claim Boundary 

Hg Profile 

Resistivity low trend 

**SILVER TITAN PROJECT  
MAYO, YUKON**

**KPO 18**  
SOIL SAMPLE GRID  
LOCATION  
and  
MERCURY DETECTOR PROFILES

Sampled by	TS, HB f MOH
Analyzed by	DLS
Compiled by	DLS f MOH
Drafted by	MOH
Date	October 9, 1963