

TITAN PROJECTArea "B-2" - Follow-up Soil Sample GridReasons for Present Investigations:

A reconnaissance soil sample grid revealed strong mercury peaks on line 30 and 34. The former was confirmed by the presence of a less strong peak on line 26, and the resultant geochemical trend parallels closely the resistivity low trend lying 40 to 50 feet towards the south. It was recommended that follow-up soil sampling be carried out in the area between lines 30 and 34 where a northwest cross-fault apparently displaces the extension of the Gerlitzky vein southwards.

Results:

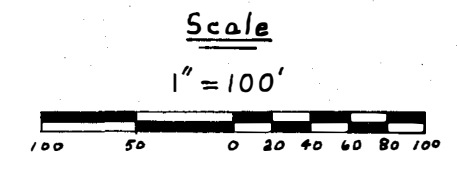
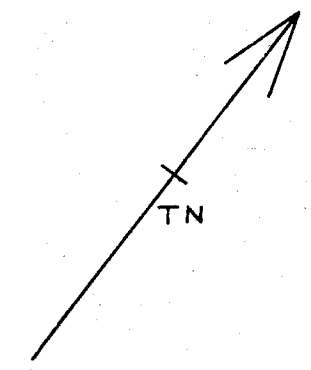
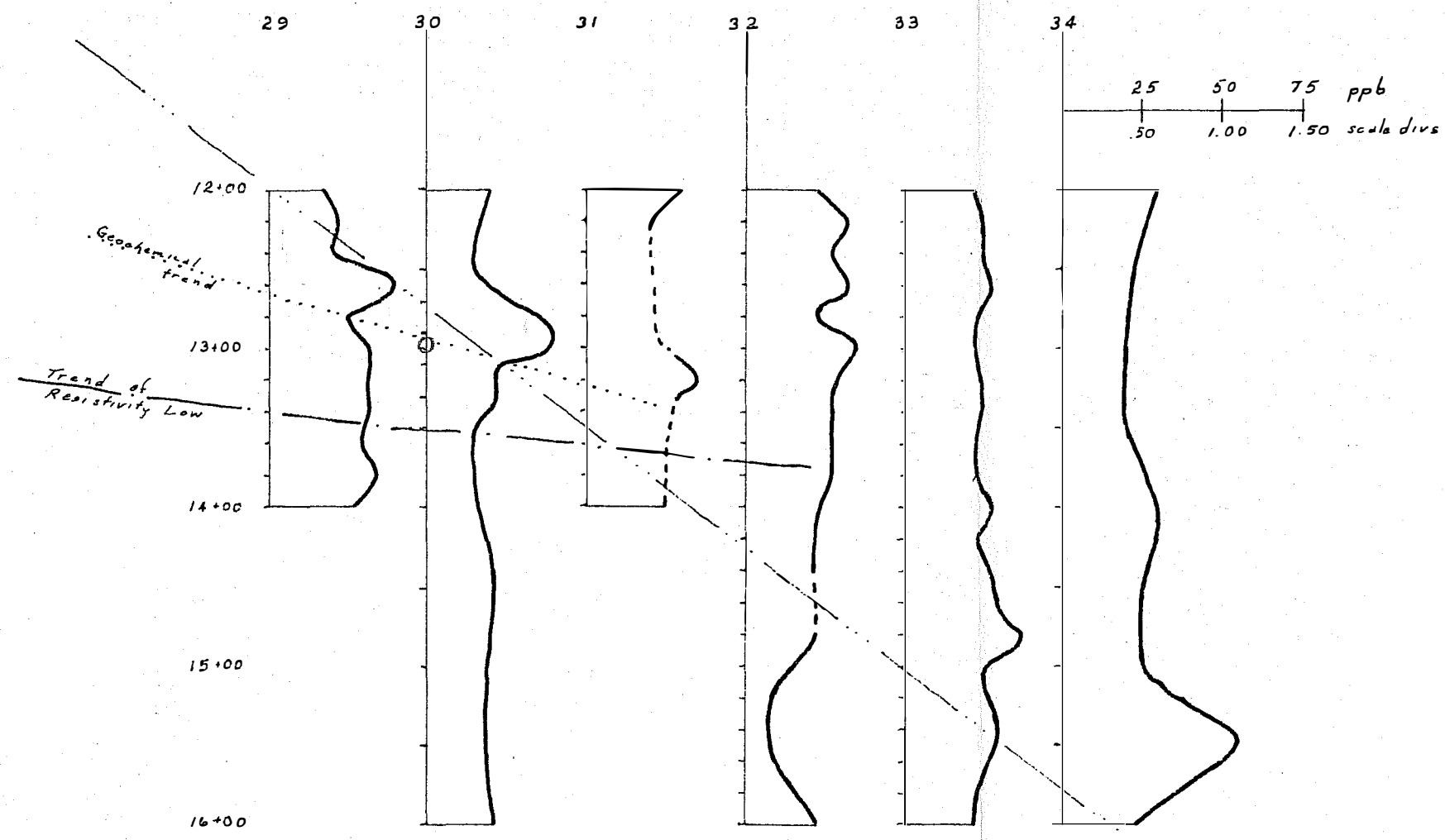
The recent sampling has outlined perhaps the strongest, most clearly defined geochemical anomaly yet found over the Galena Hill properties. It is safe to assume that the anomaly represents the northeast strike extension of the mineralized Gerlitzky vein. As can be seen from the accompanying map, mercury peaks occur on lines 29 and 30. The latter occurred at 13+00 using a 50-foot sample interval and was recently pinpointed using a 20-foot interval; this peak occurred at 12+90. The anomalous trend seems to continue weakly across line 31 (although deep muskeg prevented complete sample coverage) and line 32 before all traces of the trend are lost. The northwest cross-fault probably passes through between 32 and 34. No evidence for any extension of the mercury peak at 15+50 on line 34 was found on either lines 32 or 34.

Conclusions and Recommendations:

The clear-cut mercury peak on line 30 occurs very close to the point at which the extension of the mineralized Gerlitzky vein fault is predicted to intersect the top of the Hector-Calumet Quartzite. This is a prime target area and it is recommended that a pit be sited at 12+95 south on line 30 and sunk to expose the mercury source. Incidentally, pitting is scheduled to start immediately.

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Vancouver, B.C.
31 October, 1963.

DLS:jhw



TITAN PROJECT MAYO, YUKON	
AREA B2 ~ LEO 4#6	
FOLLOW-UP SOIL SAMPLE GRID LOCATION	
and	
MERCURY DETECTOR PROFILES	
Sampled by	TS / HB
Analyzed by	DLS
Compiled by	DLS
Drafted by	MOH
Date	October 31, 1963