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REPORT ON
TURAM ELECTROMAGNETIC SURVEY
OVER GROUP G ANOMALIES (LEO PROPERTY)
IN THE
GALENA HILL AREA, YUKON TERRITORY

for

SILVER TITAN MINES

by

HUNTING SURVEY CORPORATION LIMITED

Toronto, Ontario

September, 1962

INTRODUCTION

Hunting Survey Corporation Limited carried out a small detail survey on the Leo Property of Silver Titan Mines. This group of claims is located along the highway from Mayo Landing to Elsa, Yukon Territory.

This survey was carried out to further define anomalous trends located during a previous survey of the property. A large number of anomalies were located during the initial Turam survey, and the anomalous zones identified in the report of the survey were divided into various groups designated with the letters A to G. The strong anomalous trends outlined in Group G were not completely defined during the survey and it was, therefore, recommended that further Turam work be undertaken to do this.

Four extra lines were run across the anomalous trends of Group G in order to define the zone. A total of approximately 1.3 line miles was surveyed.

The survey was carried out by Mr. W. J. Scott and Mr. A. Skeoch of Hunting Survey Corporation Limited and helpers provided by the client.

SURVEY RESULTS

The results of the survey are shown on the accompanying map. One detail line was run 200 feet to the north of the previous most-northerly line of Group G, one was run between Lines 14+00S and 16+00S and the other two lines were located at 17+00S and 20+00S respectively.

The profiles obtained from the four detail lines are similar to those obtained during the previous survey. The trends are still open to the north and could possibly extend to join trends previously located in Group F. To the south the anomalies are still strong and are not closed off.

On account of the mutual interference between the various conductors, an accurate location of the causative body cannot be obtained. Depth calculations are also expected to be in error to a certain extent.

The three strong trends previously identified are now extended from Line 10+00S to Line 20+00S and a fourth trend is identified on the two southernmost lines. These strong trends, which appear to be a series of fairly close parallel conducting zones, could be due to a fault zone containing mineralized veins. However, the possibility of graphite being the causative body must not be overlooked. There is also the possibility of a cross fault lying between Lines 18+00S and 20+00S, however, the data in this area is insufficient to be conclusive.

If the overburden is not too deep, trenching and stripping is recommended to investigate the anomalies and if indications are favourable, diamond drilling should follow. However, the causative body appears to be fairly deep and drilling may be necessary, in which case the following locations are recommended:

Trend 2 - Line 14+00S to intersect at a depth of 200 feet

Trend 2 - Line 17+00S to intersect at a depth of 200 feet

If these drill holes give favourable indications, then, of course, the other trends should be further investigated.

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