

618

GEOMAG GEOPHYSICAL REPORT NO. 132

of the

Jan 5 & 6, Summit 5, 6, 7, & 8 Claims

Five miles East of Marguerite, B.C.

938/9W 52° North - 122° West EAST

for

Coast Silver Mines Ltd.

Feb. 12 to Feb. 25, 1965

D. L. Hings, P. Eng.

*Cambour M.D.*

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North Burnaby 2, B. C.

Telephone: 299-9596

No. 132 - Coast Silver Mines Ltd.

March 19, 1965

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Department of  
Mines and Petroleum Resources  
ASSESSMENT REPORT  
NO. 618 MAP

E. G. S.  
"GEOMAG"  
REPORT

This is a Geomag Geophysical Report No. 132  
of the Jan - Summit Group, for Coast Silver  
Mines Ltd., Marguerite, B. C., March 19, 1965.

SURVEY STATISTICS

The type of instrumentation used on this survey was the Geomag Theodolite Magnetic Component Vectoring System.

The survey was conducted over the group of claims known as the Jan Group and Summit Group. The location of this group of claims is approximately five miles east of Marguerite, B. C.

The Geomag Survey was conducted over 47,644 feet of line. The lines were cut and staked by Coast Silver Mines Ltd. Personnel, and consisted of nine magnetic north/south lines and three magnetic east/west tie lines.

The survey commenced on February 12, 1965 and was concluded on February 25, 1965. There are a total of 262 setup readings made over 241 stations.

Work Distribution:

4 man days travel,  
10 man d ays helping surveyor,  
10 man days surveying,  
4 man days stand-by,  
—  
28 total field man d ays,  
20 man days interpretation, preparation of plans and report,  
—  
48 Total Man Days  
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INTERPRETATION & PRESENTATION

Plan 132-1 is a Surface Plan showing surface features and reference points surveyed by Electronic Geophysical Surveys' personnel, and claim post locations supplied to E.G.S. by Coast Silver Mines Ltd.'s personnel.

The variations in the magnetic components measured by the Geomag System are presented in two forms,; Plan 132-2, the first presentation, constitutes a Vector Plan, indicating the direction and amplitude of the magnetic components over a local mean normal. Linear strike features are determined from the vectors as linear anomalies. The vector units indicated in the legend, approximate minutes of a degree.

The second presentation is shown on Plan 132-3, indicating resistive anomalies made up from profiles; the "anomalies" are indicated by their relative importance. The areal anomalies consist of the low resistance contours associated with mineralization, whereas the higher resistance are of less significance and are not individually identified.

Our Drawing No. 132-1 of the surface contours shows the line layout and the station location and reference numbers. Both Jan and Summit claim posts are shown and Bauchi Lake is outlined. The scale is one inch to four hundred feet and the contours are twenty foot intervals.

Plan 132-2 is a Vector Plan made up from two components of the earth's magnetic field, and combined to form anomalous structure indications. The circles indicate the areas of magnetic anomalies. Three linear strikes are shown as L1, L2 and L3.

The Plan Drawing 132-3 combines all the anomalies and includes the resistive contours outlining the low resistance areas. Plan 132-4 shows the claim locations.

GENERAL

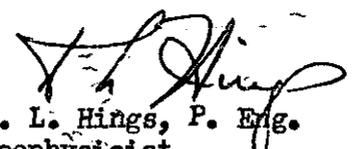
The vectors on Plan 132-2 indicate the relative flatness of this survey. The anomalous vectors rarely exceed fifty units which indicates there is very little in the way of magnetically susceptible formations. The linear strike L1 is the most prominent and extends from station 9 to station 188. The linear anomalies L2, L3, although not prominent, appear to follow the general strike of the formation.

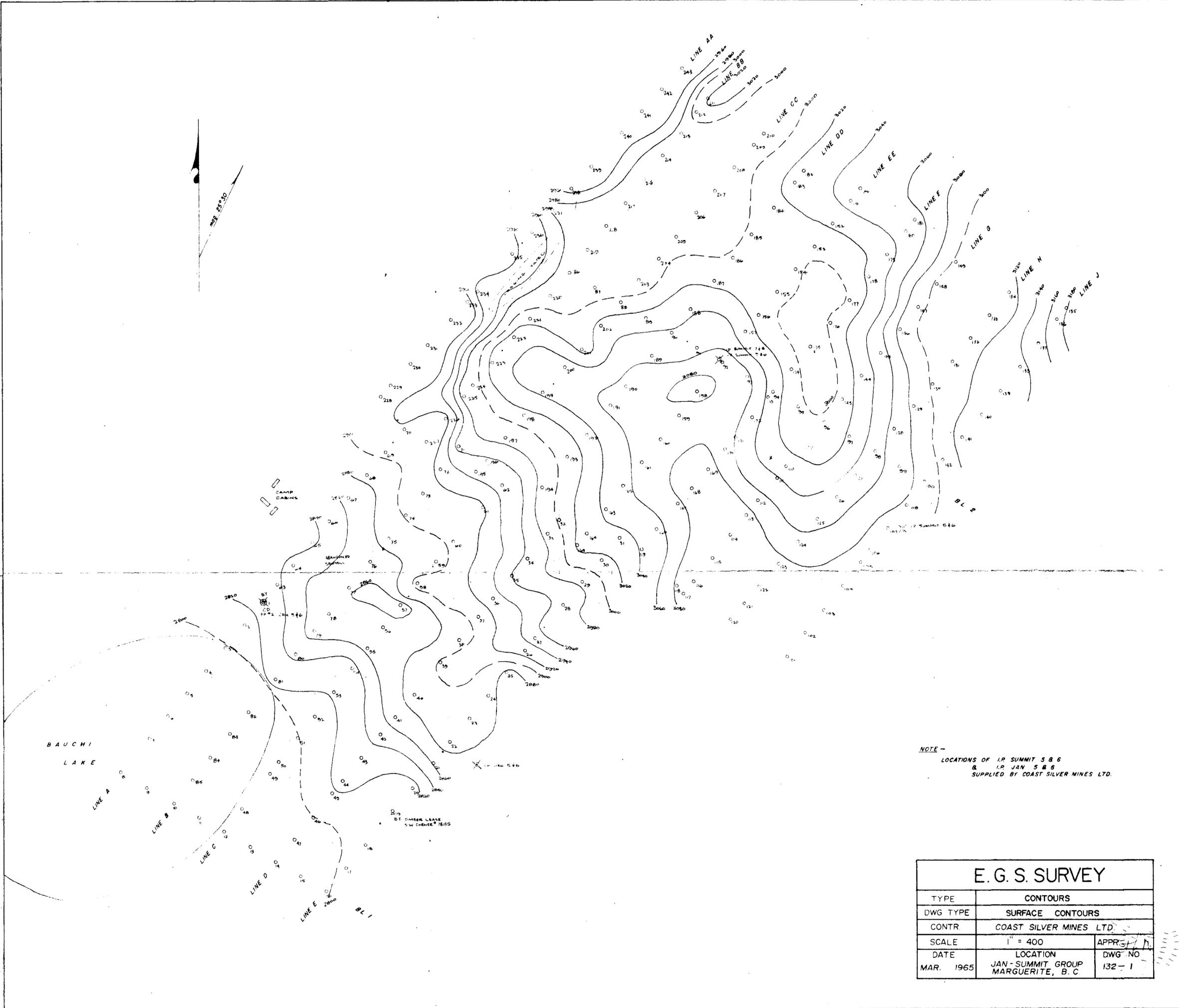
Drawing No. 132-3 of the resistive contours, shows a larger low resistive area, A1, paralleled by two more areas, A2 and A3. It should be understood that the strength of these readings are too small and the curves too flat to be of much significance other than where geological data of interest supports it. The consistent low resistance trend extending from the Lake station 9 to the other corner of the property, station 135, might be construed as a contact curving across the strike of the formation generally indicated by linear anomalies L2 and L3. The area of apparent interest nearest the surface would be along the linear anomaly L1 which shows the maximum activity near the surface to exist in the vicinity of station 201 and along the magnetic high generally. The consistent vector trend along the southwest edge of the survey indicates L1 formation probably dips fairly flatly to the east. The anomalies A3 and A4 appear to be part of the alternate resistive formation changes and are not directly linked with the L1 anomaly.

SUMMARY

It is recommended that investigation of the surface for possible drilling within the L1 perimeter would be the best target for exploration.

ELECTRONIC GEOPHYSICAL SURVEYS LIMITED

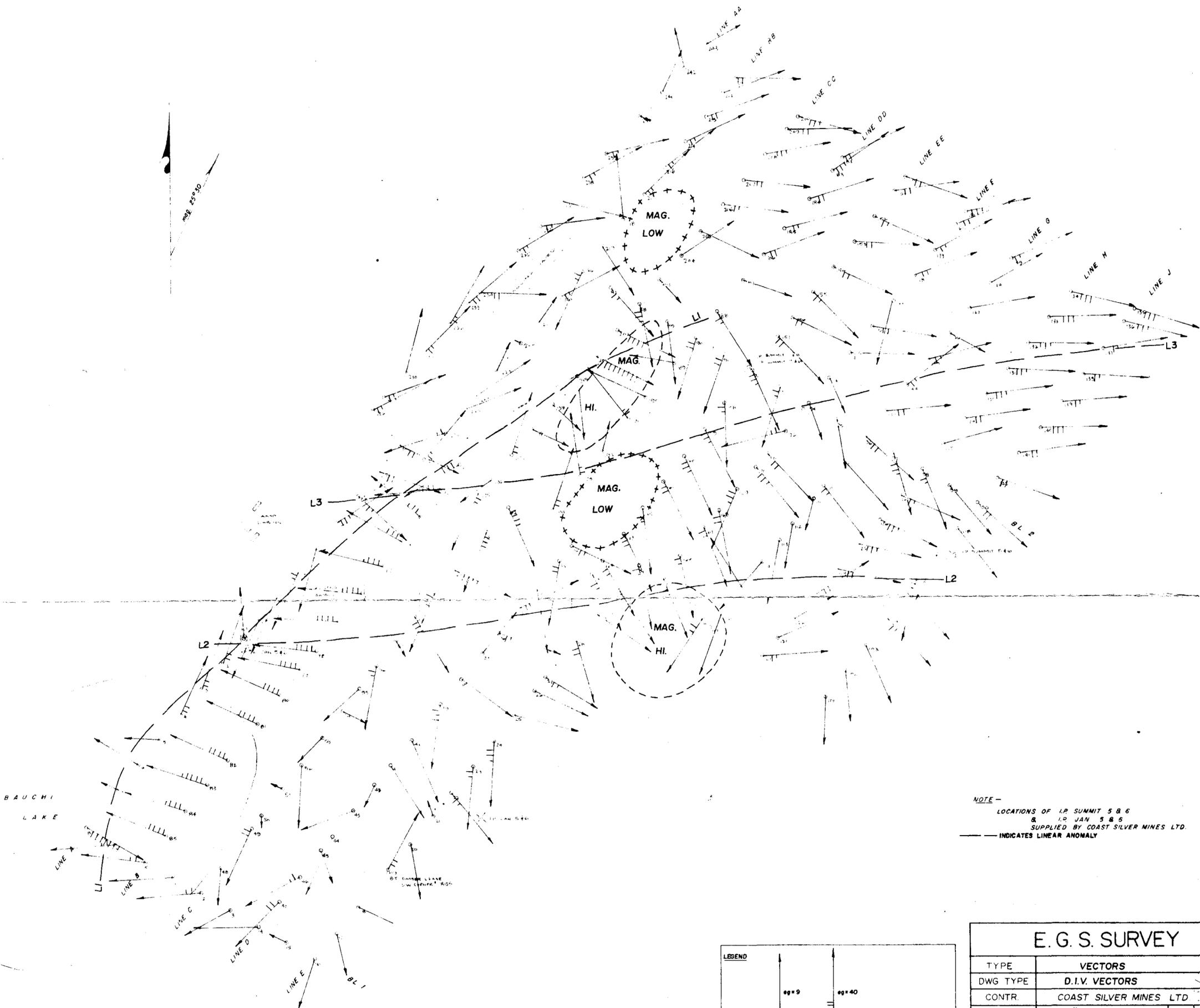
  
D. L. Hings, P. Eng.  
Geophysicist.



NOTE -  
 LOCATIONS OF I.P. SUMMIT 586  
 & I.P. JAN 5 & 6  
 SUPPLIED BY COAST SILVER MINES LTD.

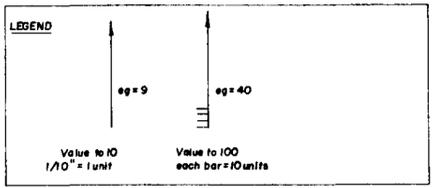
E. G. S. SURVEY		
TYPE	CONTOURS	
DWG TYPE	SURFACE CONTOURS	
CONTR	COAST SILVER MINES LTD.	
SCALE	1" = 400	APPR. <i>[Signature]</i>
DATE	LOCATION	DWG. NO.
MAR. 1965	JAN - SUMMIT GROUP MARGUERITE, B.C.	132-1

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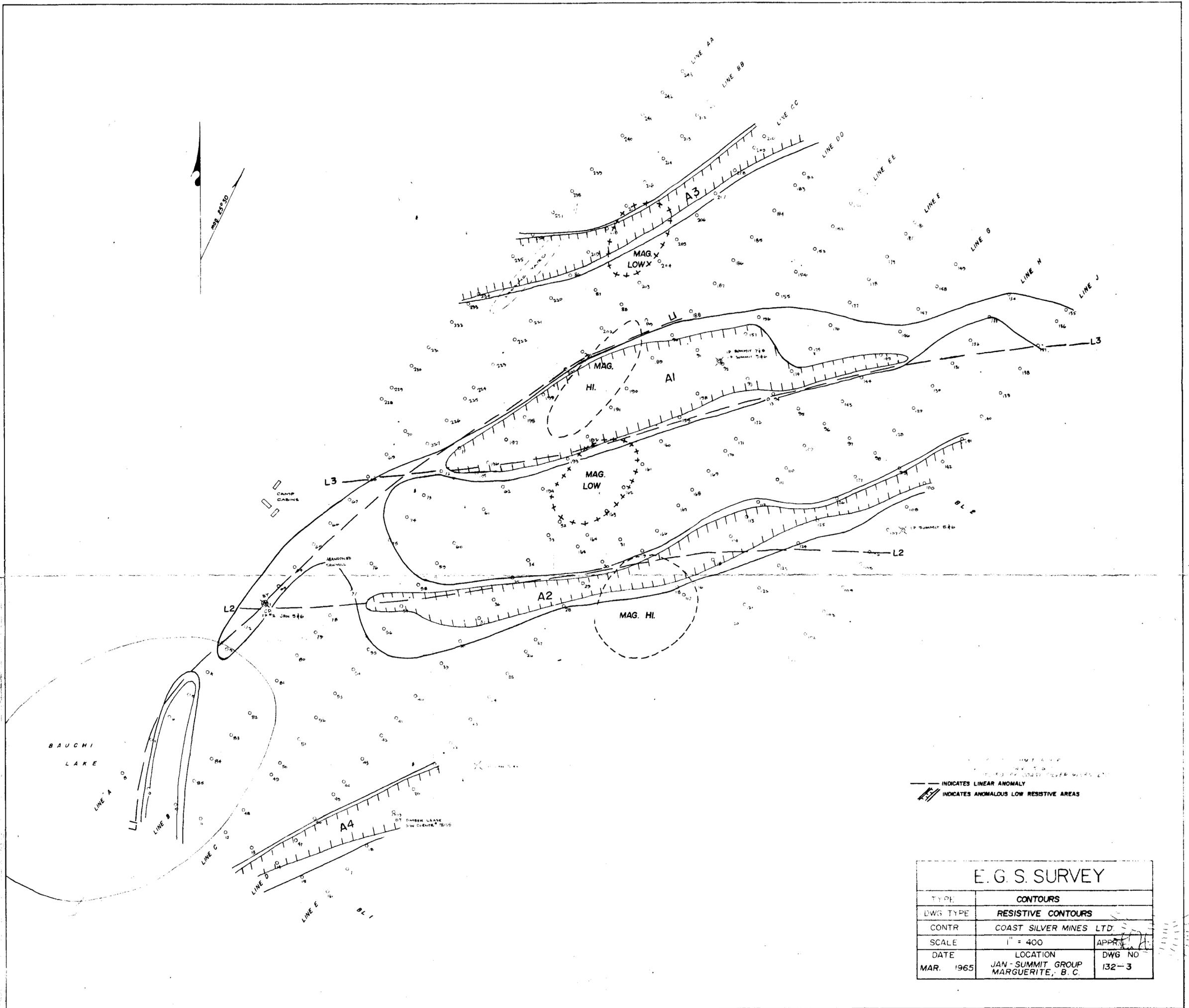
BAUCHI LAKE

NOTE -  
 LOCATIONS OF I.P. SUMMIT 5 B 6  
 & I.P. JAN 5 & 6  
 SUPPLIED BY COAST SILVER MINES LTD.  
 — INDICATES LINEAR ANOMALY



E. G. S. SURVEY		
TYPE	VECTORS	
DWG TYPE	D.I.V. VECTORS	
CONTR.	COAST SILVER MINES LTD	
SCALE	1" = 400	APPR.
DATE	LOCATION	DWG NO
MAR. 1965	JAN - SUMMIT GROUP MARGUERITE, B. C.	132-2

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INDICATES LINEAR ANOMALY  
 INDICATES ANOMALOUS LOW RESISTIVE AREAS

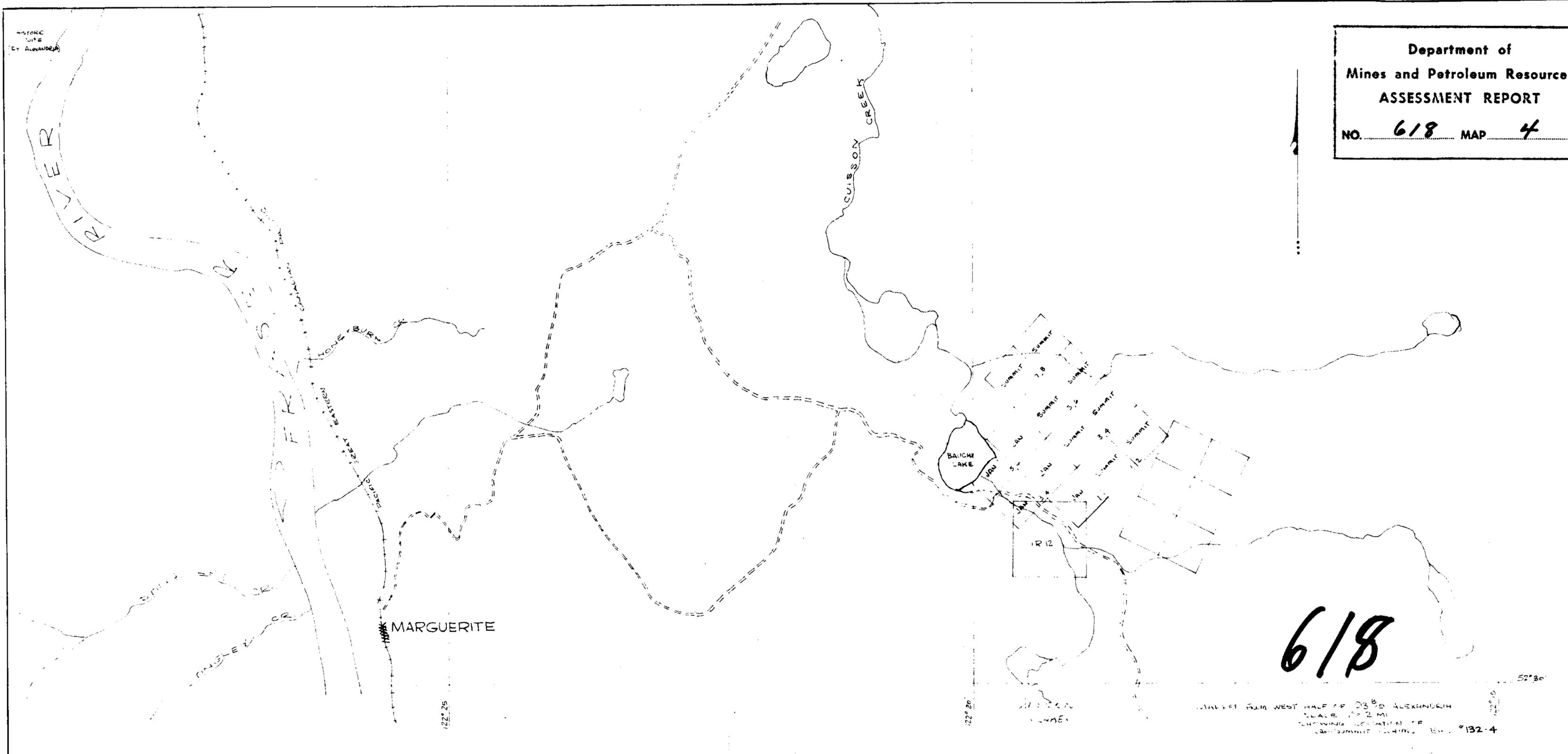
E. G. S. SURVEY		
TYPE	CONTOURS	
DWG TYPE	RESISTIVE CONTOURS	
CONTR	COAST SILVER MINES LTD.	
SCALE	1" = 400	APPR. [Signature]
DATE	LOCATION	DWG NO
MAR. 1965	JAN - SUMMIT GROUP MARGUERITE, B. C.	132-3

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HISTORIC  
SITE  
(St. Alexander)

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ASSESSMENT REPORT

NO. 618 MAP 4



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122° 20' 122° 25' 52° 30'

MAP 4 FROM WEST HALF OF Q3<sup>B</sup> ST. ALEXANDRIA  
SCALE 1:2 MI  
SHOWING LOCATION OF  
CAMP SUMMIT LOCALITY. BU. 132-4