

2180

APPENDIX (A)

GEOPHYSICAL REPORT
Giant 1 & BEA 23 Claims

To Accompany

GEOPHYSICAL REPORT

GRAVITY SURVEY GIANT 1 and BEA 23 CLAIMS
HOPE, B. C.
Dec. 9 to Dec. 18, 1968

for

Kelso Exploration Ltd.
Vancouver, B. C.

by

Geo Cal Ltd.
West Vancouver, B.C.

August 18, 1969

C. B. Selmser, P. Eng.
Geophysicist

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ASSESSMENT REPORT**

NO. 2180 MAP.....

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NO. 2180 MAP #1

BRITISH COLUMBIA

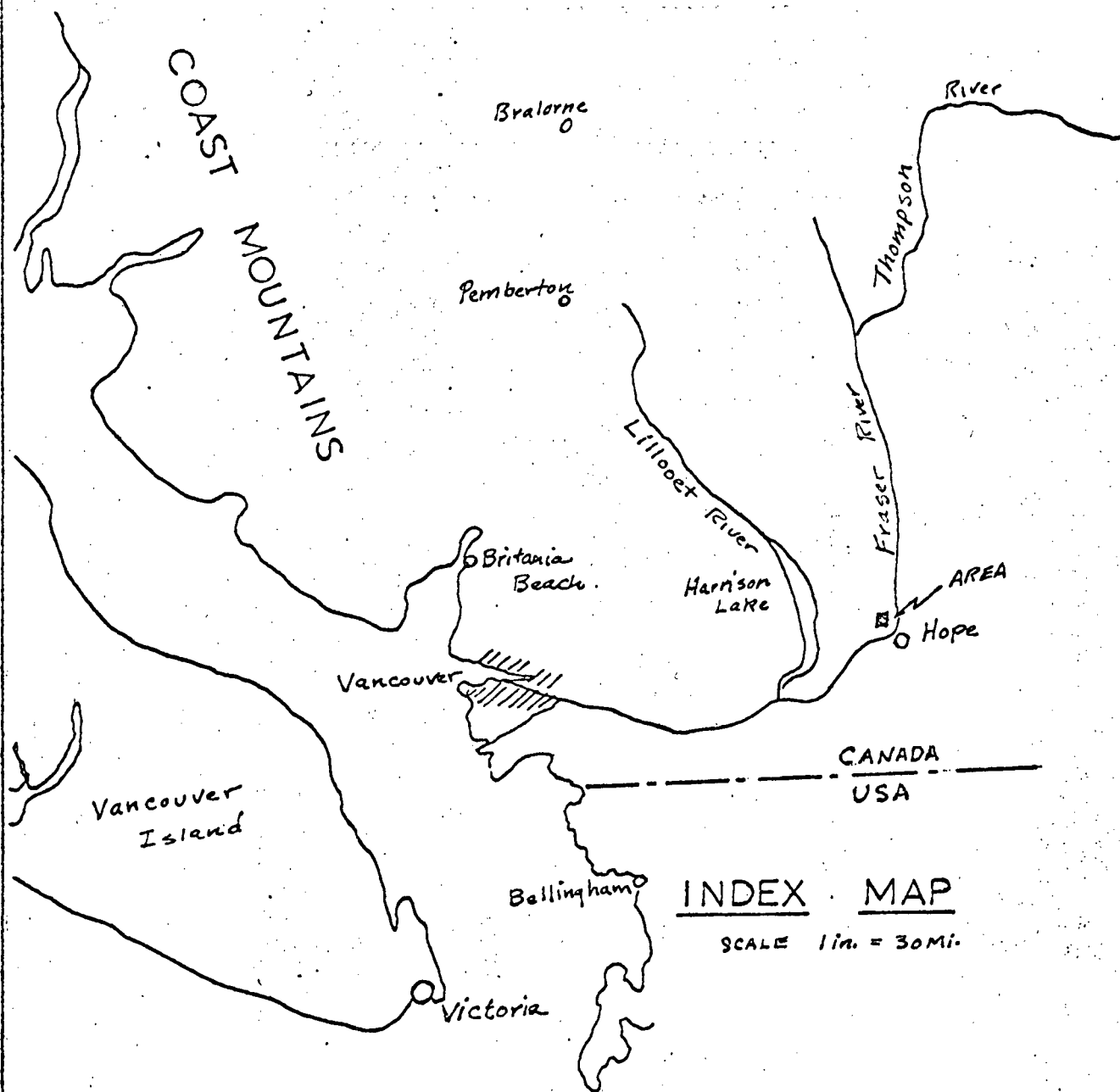


Fig. 1

APPENDIX (A)

GEOPHYSICAL REPORT Giant 1 and BEA 23 claims

INTRODUCTION:

This is an account of a fill-in gravity survey in the vicinity of D.D.H. #3 near station A1 on the Bouguer Gravity Map (Fig.5). This survey was completed to find a better auxiliary drilling location, in order to locate ultra basic intrusives that might carry nickel bearing sulphides.

WORK HISTORY:

This survey was accomplished by a 3 man party consisting of an instrument man, rodman, and meter operator. The very same gravity meter was used as was employed in the former survey. The survey stations were put in with a transit and rod.

The date of this survey was August 18th and the surveying and meter operation were completed on the same day. The instrument work was done by Mr. Jeff Sluggett and the meter operation was done by Mr. Pat Connell. Both of these men have a couple of years' experience doing mining work of this nature.

GEOPHYSICAL INTERPRETATION:

The detailed map (Fig. 5) at 30 feet to the inch shows a maximum trending structure in an east and west direction. Because of a possible fault structure the 20 gravity unit closure has been evidently thrust south and east of the expected position at D.D.H. #3. This maximum because of its projected length on the east side of the fault structure may be a truncated anticlinal fold in the sediments. It is never-

the-less still a possible location of ultra-basic intrusions because of possible pre-intrusive tensional structures in the vicinity of the fault and the axial plane of the anticlinal fold.

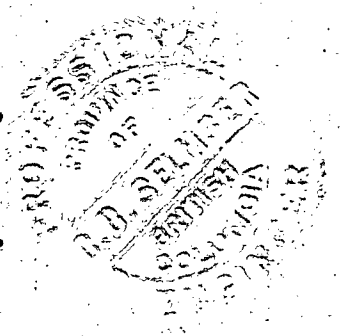
RECOMMENDATION:

It is recommended that an additional diamond drill hole be spotted 60 feet south of D.D.H. #3 in the vicinity of station B33. That this be a vertical hole and be drilled to a depth of 200 feet.

Respectfully submitted,

C. B. Selms

C. B. Selms, P. Eng.



CERTIFICATE OF QUALIFICATIONS

The author is a graduate of McGill University in Mining Geology with a M. Sc. degree and took graduate studies at the University of Toronto in Geophysics. He has also been qualified in both engineering geology and geophysics as a Professional Engineer.

The author has had over 20 years' experience in the fields of Geology and Geophysics. During this time he was a gravity supervisor for Texaco Exploration Company for 5 years and did gravity work for International Nickel Company as Chief Geophysicist and for Spartan Air Services as Chief Engineer in their Exploration Department.

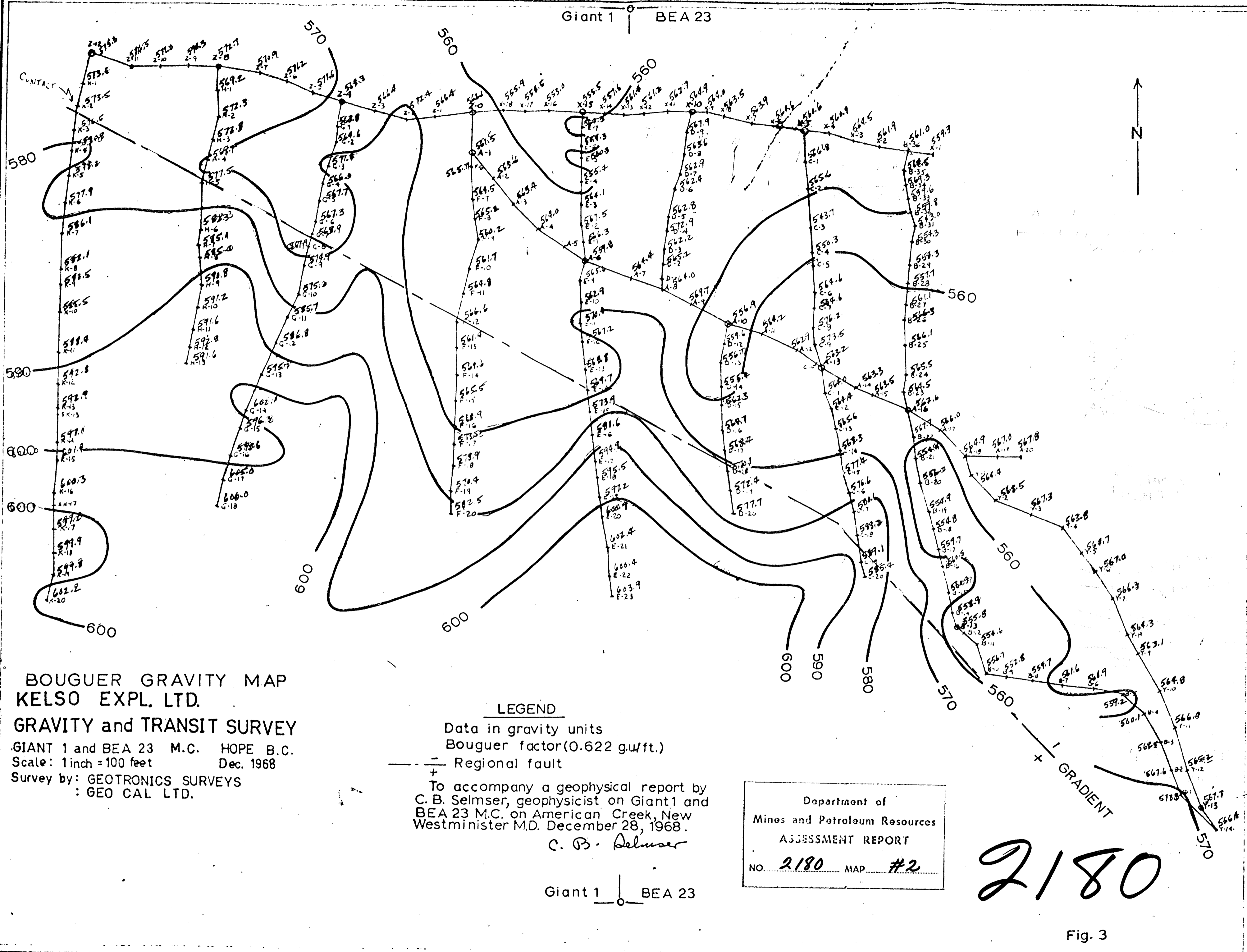
The author has been a member of the Association of Professional Engineers of Ontario, Alberta and British Columbia for the past 20 years. He has been active in exploration in this province for the past 5 years.

His knowledge of the property outlined in this report has been gained from geophysical surveys performed personally on this property. Reference has also been made to government reports and pertinent text books.

The author has no financial interest in this property other than the present survey. Any remuneration received has been for expenses incurred during the survey.


Calbert B. Selmsler, P. Eng.

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BOUGUER GRAVITY MAP
 KELSO EXPL. LTD.
 GRAVITY and TRANSIT SURVEY
 GIANT 1 and BEA 23 M.C. HOPE B.C.
 Scale: 1 inch = 100 feet Dec. 1968
 Survey by: GEOTRONICS SURVEYS
 : GEO CAL LTD.

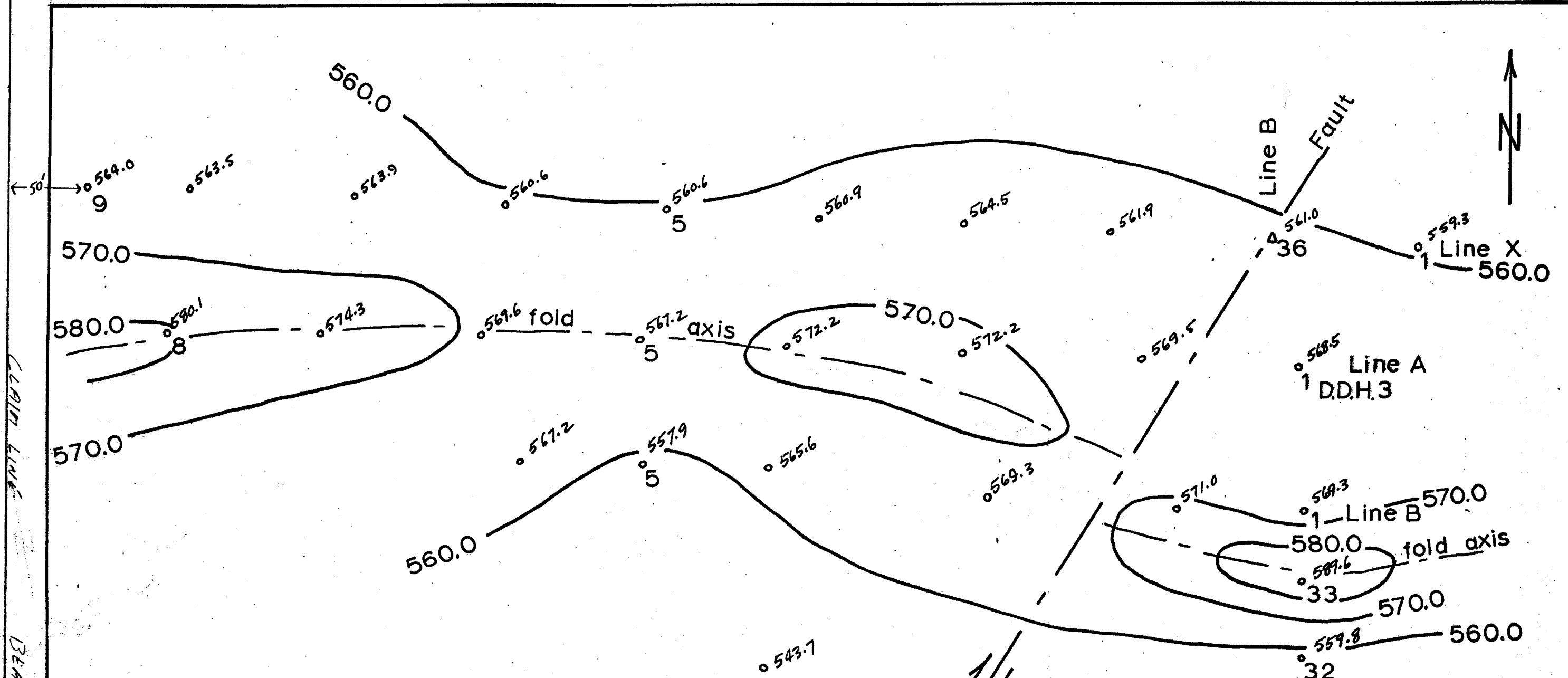
LEGEND
 Data in gravity units
 Bouguer factor (0.622 g.u./ft.)
 - - - Regional fault
 +
 To accompany a geophysical report by
 C. B. Selmsler, geophysicist on Giant 1 and
 BEA 23 M.C. on American Creek, New
 Westminister M.D. December 28, 1968.

C. B. Selmsler
 Giant 1 | BEA 23

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Fig. 3



To accompany a geophysical report by:
 C. B. Selmsler, P. Eng. on BEA 23 M.C. on
 American Creek, New Westminster M.D.
 August 18, 1969

C. B. Selmsler

C. B. Selmsler

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KELSO EXPLORATION LTD.
 BOUGUER GRAVITY MAP
 Scale: 1 in. = 30 ft. Aug., 1969

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Fig. 5