85-392-13685

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1985 Assessment Report

Geophysical Survey

Claim: Mono Mineral Claim, Lot# 2205

Claim name: Mono

Location: Brown Creek--Greenwood Mining Division

17 km north of Grand Forks

82 E/1 W 49°10'N 118°28'W

Owner and Operator:

F. J. Flanagan

R. R. # 2

Grand Forks, B. C.

V0H 1H0

Consultant and Author:

J. R. Lucke

R. R. # 2

Grand Forks, B. C.

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Date Submitted:

June 19, 1985

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1985 Assessment Report on the Mono Mineral Claim.

Summary

The field work consisting of a grid establishment and geophysical survey was carried out on the Mono mineral claim during June 15 and June 16, 1985. As a result of this survey, a number of magnetic anomalous areas were discovered, at least two of which were found to have associated zones containing pyrite and iron oxide.

The Mono Mineral Claim is located approximately 17 km north of Grand Forks and lies on the western slope of what is known as the North Fork valley. Its previous history is clouded, although there has been some trenching in the past and some sulphide mineralization has been exposed.

A total of 4.2 km of grid lines were established and 84 magnetometer survey readings were taken on this same line.

Introduction

During June 1985, a geophysical survey was carried out on the Mono mineral claim.

The purpose of this exploration program was to locate potential massive pyrite/pyrohotite/ magnetite gold bearing zones or mineralization associated with similar geological formations known to exist on other properties in this area.

Because the survey was successful in delineating both potential and known areas of mineralization, the results thus obtained are shown in this report and recommendations with respect to further work are also included.

Property

The property is comprised solely of Lot 2205, which was originally a Crown-granted mineral claim known as the Mono Mineral Claim. It has since become deeded land and the present owner currently holds the mineral rights as well. (Fig 1.) Particulars are as follows:

Claim Name	Units	Record #	Expiry Date
Mono	1	1152	June 19, 1987*

*Pending approval of 2 years assessment work applied June 19, 1985.

Location and Access

The Mono mineral claim is roughly 17 km north of Grand Forks, lying north of Brown Creek and adjacent to and west of the Granby River.

Access is via the North Fork road, which is paved all the way from Grand Forks. This major road actually cuts through the property, so no secondary roads are involved. (Fig 2.)

Work Done

The survey consisted of establishment of a grid system and subsequent magnetometer readings taken. A total of 10 lines were marked running in a roughly E-W direction and ranging from 500 m long to 200 m. Lines were at 50 m intervals and stations on these lines also at 50 m intervals. Magnetic readings were then taken over the whole grid at each station.

Magnetometer Survey

The magnetometer survey was carried out utilizing a McPhar M 700 fluxgate magnetometer.

(magnetometer survey continued)

Grid station 0 North 0 West (that is, the south east corner of the claim) was used as the base station. The first reading was taken here and two subsequent readings were also taken to check the diurnal variation. Times of readings were recorded at frequent intervals to determine later the portion of any diurnal variation correction necessary. However, the diurnal variation was found to be insignificant relative to readings in the anomalous areas and so these corrections were not made. (Fig 3.)

The measurements recorded are all relative rather than absolute. The important factor in this survey was the relative differences in readings rather than specific absolute values. All readings were in gammas and contour intervals of the accompanying map are in 250 gammas. (Fig 4.)

Results

A number of anomalous zones were discovered, with distinct corresponding high/low zones being obvious, In the area of 50N 300W and 350N 50W, the magnetic anomalies corresponded to zones containing pyrite and considerable iron oxide staining.

The anomalous zones don't appear to lie in any specific trend but are scattered rather randomly over the survey area.

Additional anomalies occur in the vacinity of 150N 450W, 175N 150W and 325N 225W.

Conclusions

Two of the magnetic anomolies occurred over zones of known mineralization. It is reasonable to assume therefore, that the other several magnetic highs and lows would be associated with similar mineralization, possibly of some economic interest.

The pattern of the magnetic areas or rather, the lack of a pattern, is indicative of the complex geology of the area. This is borne out by similar mineralized zones known and studied in detail in the surrounding area.

Recommendations

It is recommended that further geophysical surveys be completed over the property area. Closer spacing of magnetic readings should yield more exact target areas around the anomalous zones already discovered.

Detailed geological mapping would be beneficial and should be carried out over the whole property. This would be especially effective in view of the very high percentage of outcrop showing here.

Qualifications

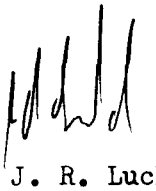
I, J. R. Lucke, consultant and author of this report, do hereby certify that I have the following qualifications and experience with respect to geological and geophysical surveys:

1) I am a graduate of the British Columbia Institute of Technology in Mining Technology.

2) I have practised various facets of mining exploration for eleven years.

3) For the past year I have carried out numerous magnetic, electromagnetic and geochemical surveys for a private consulting firm.

4) The information and data for this report was obtained by myself from observations made on the property.



J. R. Lucke

June 16, 1985

Mono Mineral Claim

1985 Assessment Report
Geophysical Survey

Affidavit of Expenses

The field work of grid establishment and geophysical survey was carried out on the Mono Mineral Claim, Greenwood Mining District, B. C. from June 15 to June 16, 1985 to the value of the following:

Field Work: 1 man (J. Lucke) 2 days @ $ 120.00.....	$ 240.00
Data Compilation, draughting, printing.....	$ 60.00
Report.....	$ 100.00
Accommodation, transportation, instrument rental, supplies etc., ...	nc
Total	$ 400.00

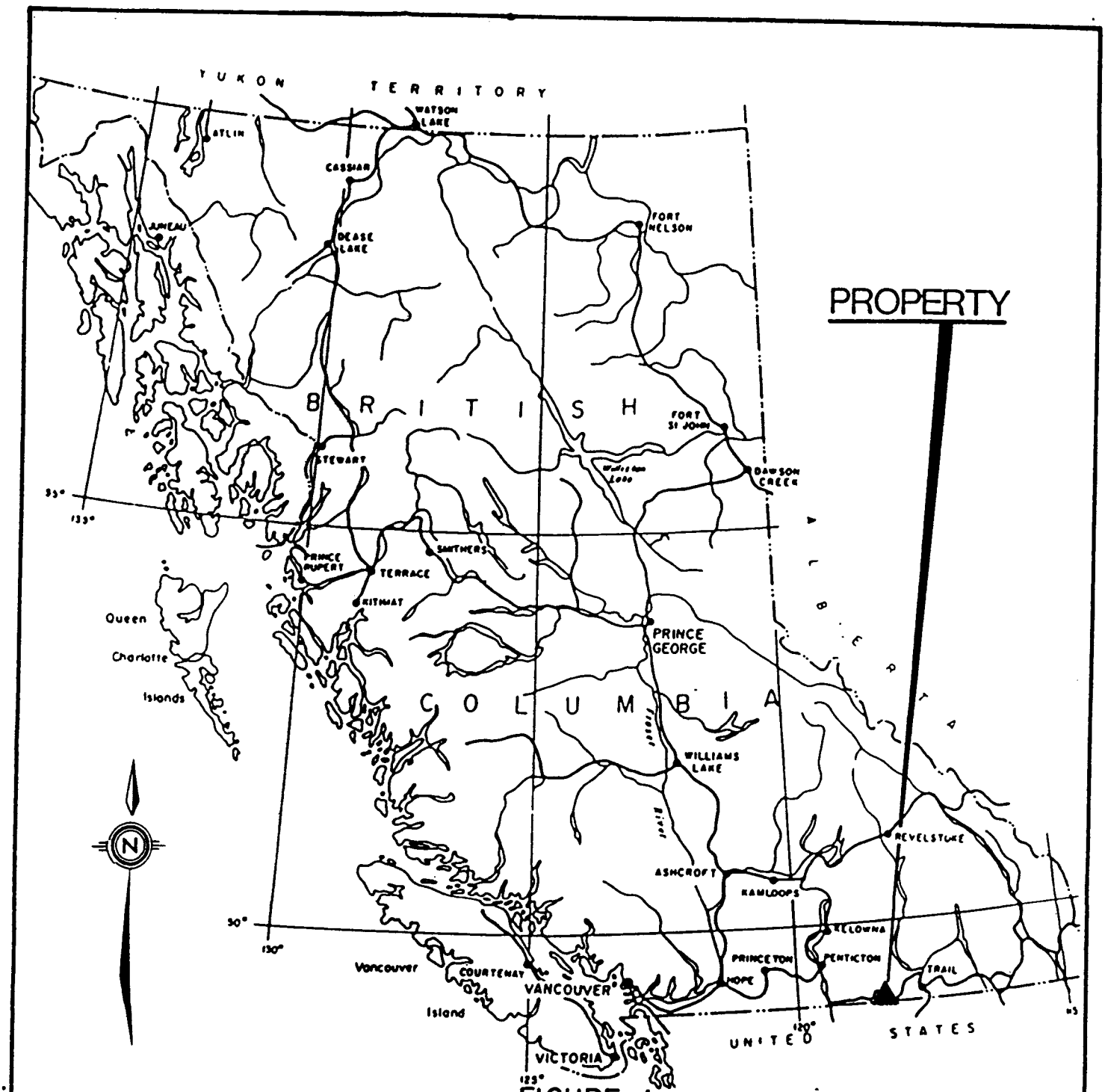


FIGURE 1

Mono Mineral Claim

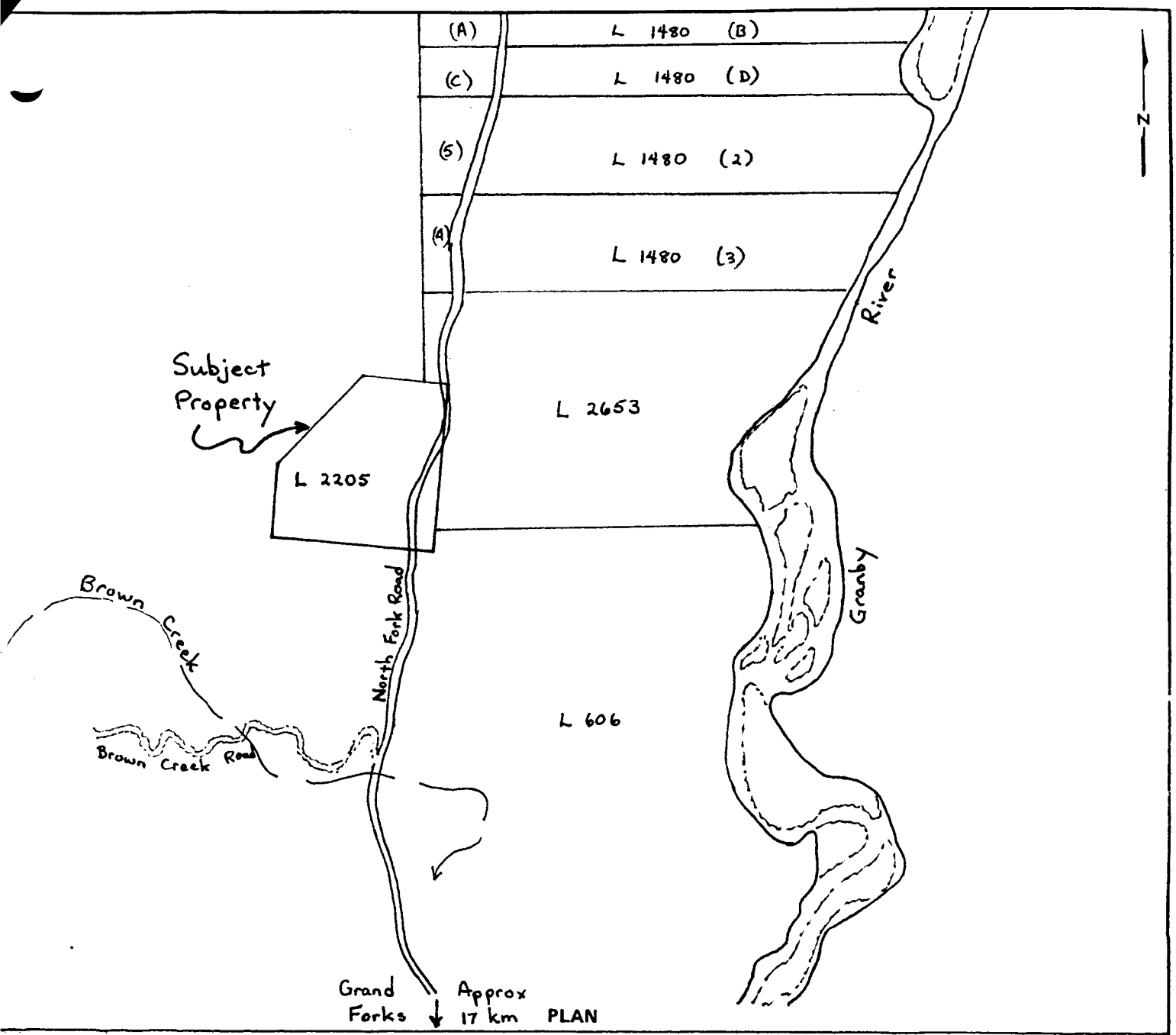
Location Map

N.T.S. 82 E/1 W

J. Lucke

Greenwood M.D., B.C.

June 1985



Mono Mineral Claim

Claim & Index Map

0 160 320 480 640 800

1 cm ≈ 160 m

(1:16000)

N.T.S. 82 E/1 W

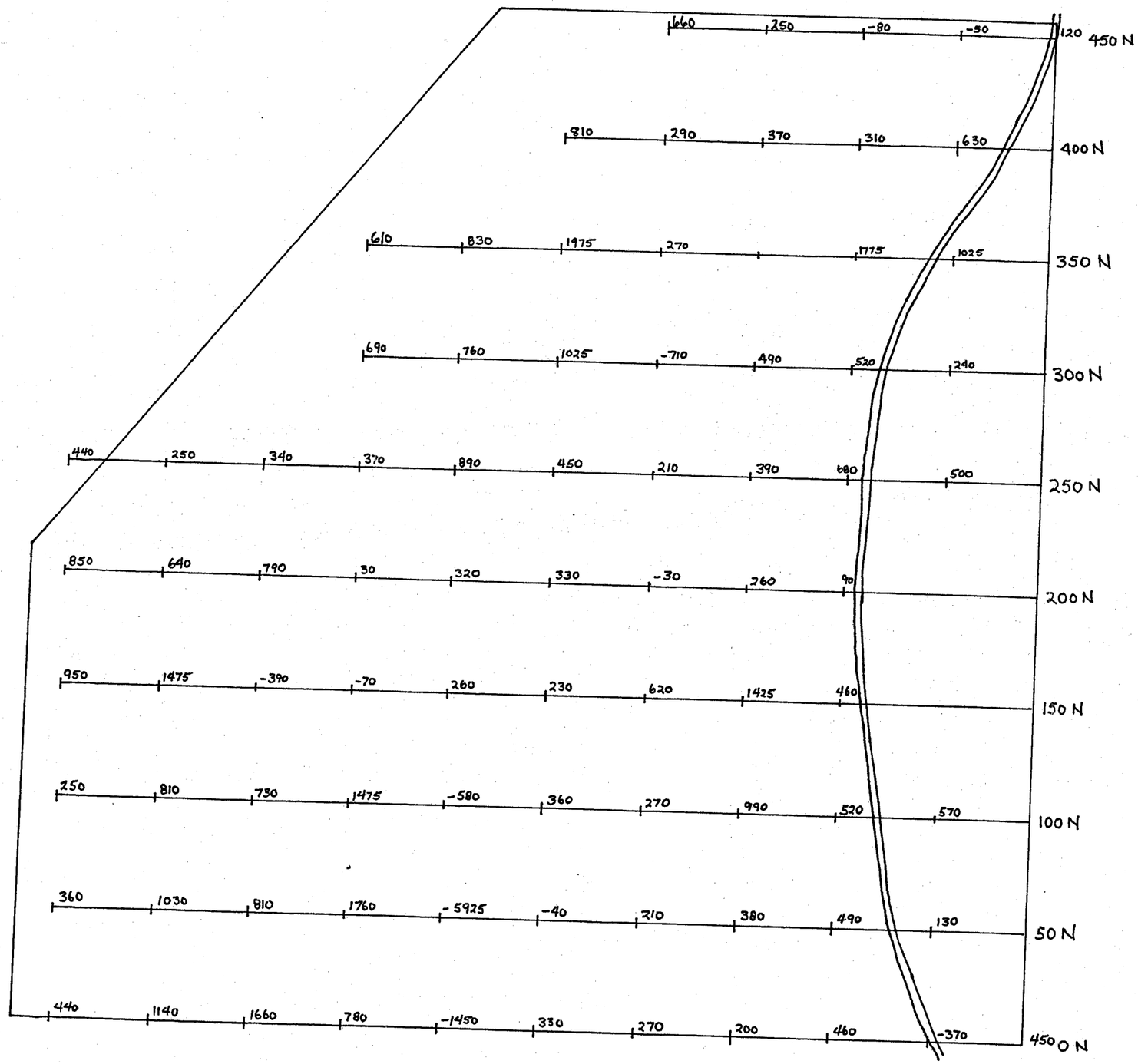
Greenwood M.D., B.C.

J. Lucke June 1985

Figure 2

GEOLOGICAL BRANCH
ASSESSMENT REPORT

13,685



Mono Mineral Claim

Magnetometer Readings

N

0 20 40 60 80 100

1 cm = 20 m
(1:2000)

North Fork Road

210 380 50 N

Grid lines & stations
showing magnetic readings

N.T.S. 82 E/1 W

Greenwood M.D., B.C.

June 1985

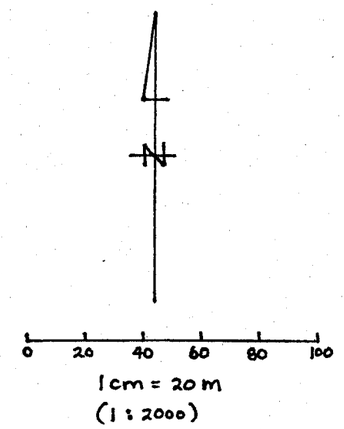
Figure 3

GEOLOGICAL BRANCH
ASSESSMENT REPORT

13,685

Mono Mineral Claim

Magnetic Contours



North Fork Road

250 gamma contours

1000 gamma contours

Magnetic Low

N.T.S. 82 E/1 W

Greenwood M.D., B.C.

J. Lucke

June 1985

Figure 4