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ASSESSMENT REPORT ON
LINECUTTING WITH A MAGNETOMETER AND VLF SURVEY
ON THE
JOLLY PROPERTY

NTS 82E/3

Lat. 49° 07' N Long. 119° 08' W

Greenwood Mining District

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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10-186

For Owner/Operator
Minnova Inc.

December 1, 1988
Graeme W. Evans

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INTRODUCTION

Location and Access

The Jolly property is situated 10 km north of Bridesville. The property covers the headwaters of Rock Creek and Jolly Creek at an elevation between 1000 and 1150 m. Relief is very gentle and the property has good access via numerous old logging and mining roads, either along the road from the Rock Creek bridge or on logging roads from Oliver that access the Mt. Baldy ski hill.

The NTS # is 82E/3 for the property which is centered at Lat. 49° 07' and Long. 119° 08'.

Property and Ownership

The Jolly Group consists of 43 MSG units, 2 Fractions and 4 Crown Grants. The option is with Brican Resources Ltd. and allows Minnova to earn up to 70% interest in the property. Minnova is currently the owner.

Claim Name	Record #	# of Units	Expiry Date
CH	1349	6	Oct 4/89
AH	1350	15	Oct 4/89
HO	4572	16	May 7/89
DB 1	5164	6	May 3/89
Fractions			
BR Fr.	5001	1	July 10/88
RR Fr.	5034	1	Oct 16/88
Crown Grants			
Victoria	Title No. 10132D		Lot No. 218
Snowdon	Title No. S62462		Lot No. 583
Lemon	Title No. S62462		Lot No. 658
Old England	Title No. S62462		Lot No. 760

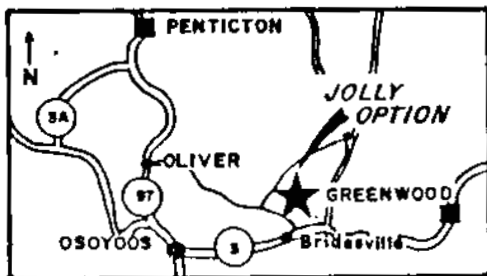
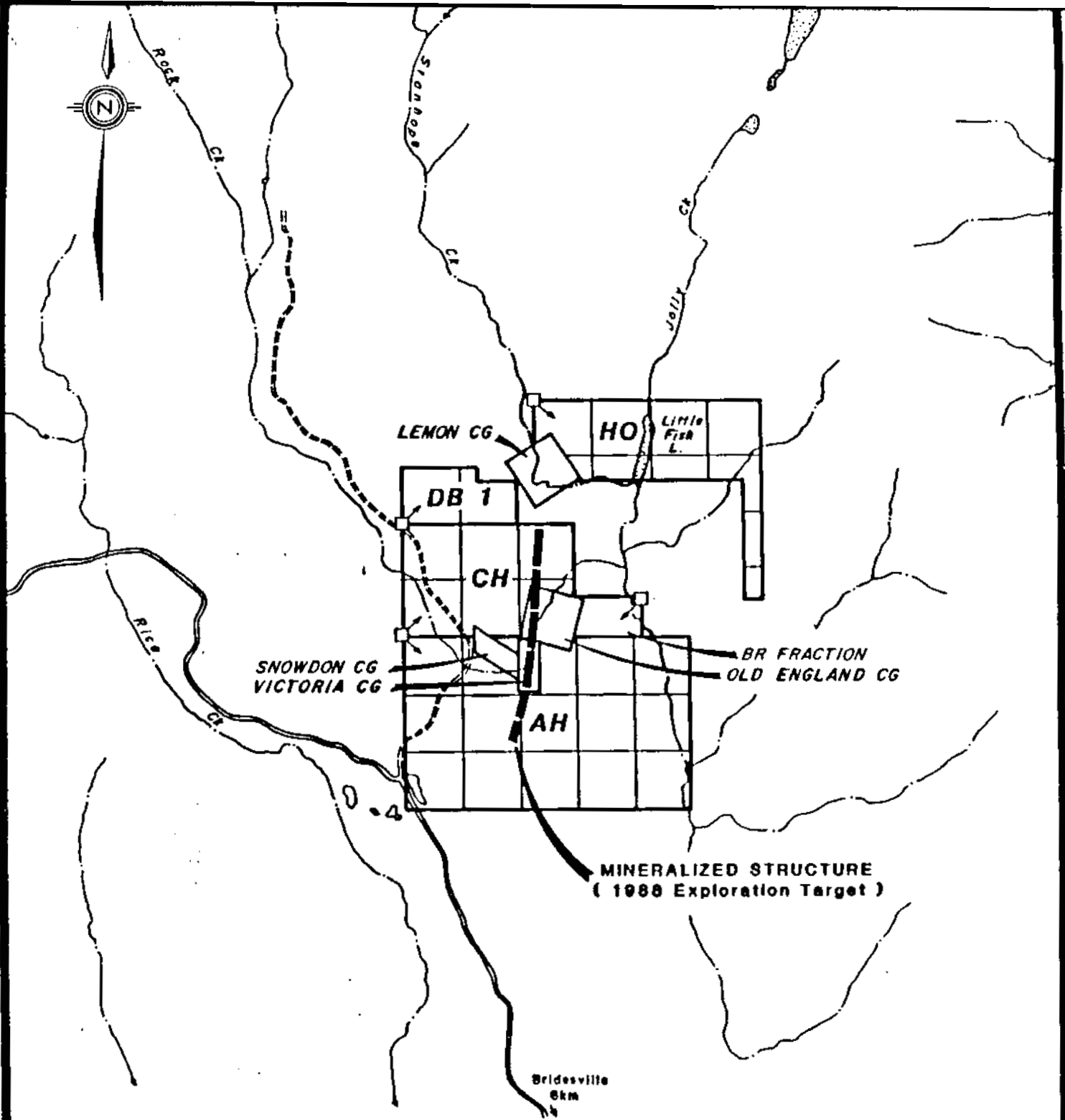
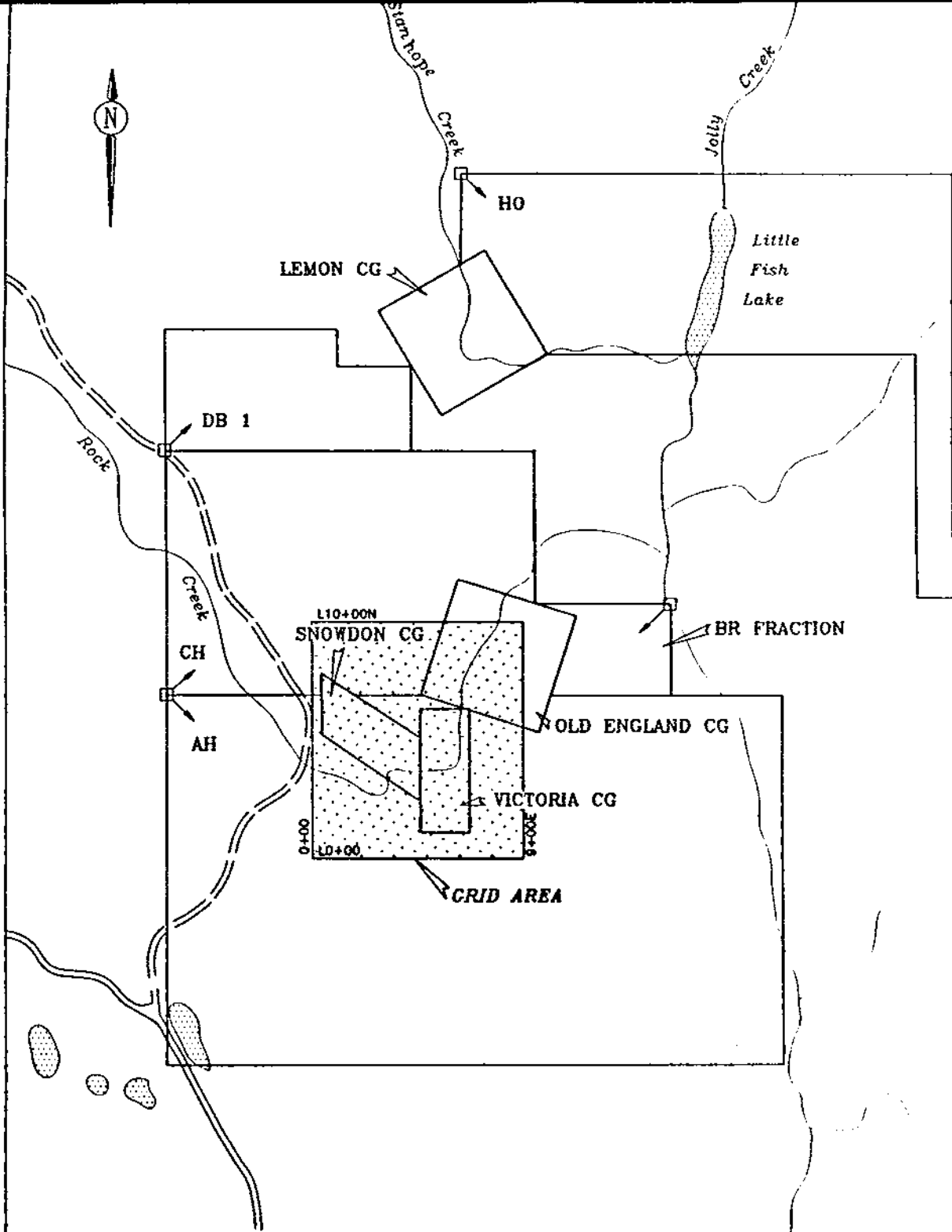


FIGURE 1
JOLLY OPTION
 CLAIM CONFIGURATION
 NTS 82E/3



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MINIKOVA



PROPERTY LOCATION

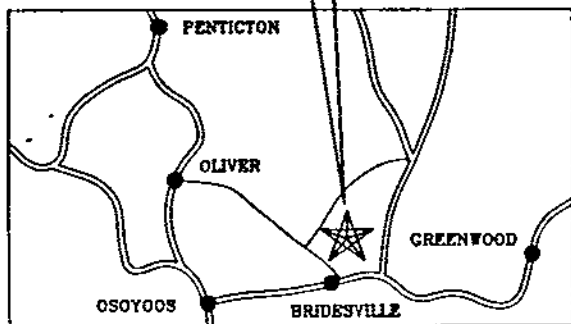
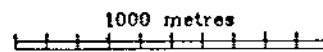


FIGURE 2



**JOLLY OPTION
GRID LOCATION**

Property History and Work Done

The history of Rock Creek is long and convoluted but is summarized as follows:

1860	Placer gold discovered
1884	Lode gold was found on the Victoria Grant
1884-1901	Workings on Victoria, 25 ton shipment averaged 2.15oz/t Au and 5.2 oz/t Ag net value. Workings also on Old England (20' wide vein), Lemon, Gold Standard, (stump mill), Progress and Nighthawk.
1910-1933	Discovery of more placer channels, more tunnelling on Old England, Victoria and Lemon
1981-1982	Norwest Resource Consultants explored the property for Cheshire Exploration Ltd. Mapped and sampled property, Established a grid, 33.5 km 900 soil samples collected VLF + Mag survey conducted 4 NQ Drill holes Total: 298 m81-01 1.16 m 4.63 g/t Au, 52.14 g/t Ag
1983	Durfeld Geological Management Co. for Norwest Resource Consultants Underground development on Victoria #2 and 120' of drilling - low values to 1020 ppb Au 1:1,000 Geological mapping of Rock Creek Limited trenching
1986	Diamond drilling for Cyril Heady and Art Hook 2 AQ Drill holes Total: 62.8 m 86-1 1.2m 0.11 oz/t Au, 0.47 oz/t Ag

1987 Brican examined the property
 1:5,000 mapping
 92 rock samples

Property Geology

Most of the property consists of Permian Anarchist Group rocks. The dominant rock type is now believed to be a fine grained foliated diorite which is difficult to distinguish from mafic volcanics. In the fault contact there are mafic volcanics, argillite, chert and minor limestone also belonging to the Anarchist group.

In the NE corner of the property lies a section of Paleozoic gneiss and both these units have been intruded by Cretaceous diorites forming a large complex in the NW corner of the property. Along the eastern boundary there is a sequence of Tertiary syenites, sediments, and basalt flows confined by the N-NE trending Conkle Lake Fault, with other faults on the property paralleling this structure. Later E-W faulting has produced block faulting over the property.

Mineralization occurs in fault zones along both trends. Alteration consists of carbonate and silicification +/- green micas, talc and sericite. Mineralization is generally in the form of quartz veins with values in Au, Ag, Cu, Pb and Zn.

SUMMARY OF WORK DONE

The following work was carried out on the Jolly Group.

18.4 kilometers of grid were cut.

Lines were slashed out to I.P. standard and pickets were put in every 25 m (see Fig. 2 for grid location)

16.5 kilometers of grid were run with a Magnetometer and VLF survey.

Two station VLF (Seattle Wa., Cutler Ma.)

RESULTS

Magnetometer and VLF - EM Survey

Quest Canada Exploration Services conducted the magnetometer - VLF survey on the Jolly property from Sept 30 - Oct 1 1988. Steve Lowe was the operator of a Omni-plus, EDA system used for the survey.

An I.P. standard grid was cut and flagged for control. Lines are situated 50 m apart with stations established every 25 m. A gap area exists in the middle of the grid due to steep walls which are inaccessible around Rock Creek.

The instrument measures and records for both surveys and readings were taken at every 25 m station. The Magnetometer survey was corrected for diurnal drift by the use of a base station. A 57,000 value was subtracted from all readings to allow plotting and interpretation of small scale fluctuations profiled on Map 1.

Two stations were used for the VLF-EM survey. These were the Seattle, WA and Cutler MN stations to check and compare results. The profiles for these readings are on Maps 3, 5. The readings were then Fraser Filtered to give contour plan maps 4, 6.

Interpretation of Magnetometer Survey (Map. 2)

Anomaly A

-is a very small magnetic high anomaly. It is the strongest intensity with up to +906 gammas but is believed to be a cultural effect. A placer camp is in this location and metallic objects are likely the source.

Anomaly B

-a long E-W trend parallels a placer channel. This zone correlates well with a regional mag-low trend and alteration has been reported. This trend should be drill tested.

Anomaly C

-a broad magnetic high in this area is believed to be foliated diorites with a higher magnetic signature than the sediments and mafic volcanics.

Anomaly D

-this is a large break between a large magnetic high an area of magnetic lows, believed to be a large fault structure between diorites on the east and sediments to the west.

Anomaly E

-a magnetic high feature that is believed to be a feldspar porphyry diorite.

Anomaly F

-is a large magnetic high feature in an area of overburden. It has a similar signature to identified intrusives and is likely produced by an intrusive source.

Interpretation of VLF Survey (Fraser Filtered Maps 4 + 6)

Both channels (Seattle and Cutler) outlined the same anomalies which are believed to be valid bedrock conductors. All four conductors have a NE trend and are believed to be conductive faults zones. The anomaly numbers are the same for both channels.

Anomaly 1

-a moderate VLF conductor with a 250 m strike length. It is under an area of overburden so the exact nature is not known but is likely a fault in the sediments or a sediment-volcanic fault contact.

Anomaly 2

-is a strong VLF conductor and is known to be a fault within sediments. The high graphite content in the sediments is probably responsible for intensity of the response.

Anomalies 3 + 4

-believed to be structural contacts between diorites and sediments. These are moderate conductors and are talc schists which host mineralization.

CONCLUSIONS AND RECOMMENDATIONS

The Magnetometer and VLF survey detected valid bedrock anomalies. Where the geology could be correlated with the survey the following conclusions were found.

1. Magnetic Highs are related to intrusive bodies
2. Magnetic Lows are related to sediments and alteration structures.
3. VLF anomalies correlate well between stations and fault structures.

On the basis of this the structures on anomalies B,D and 3, 4 have priority due to presence of mineralization or alteration. These targets warrant drill testing along strike.

ITEMIZED COST STATEMENT

LINECUTTING

Quest Canada Exploration Services
Aug 26 - Sept 16, 1988

18.4 km @ \$320.00/km \$ 5888.00

MAGNETOMETER AND VLF SURVEY

Sept 30 - Oct 1, 1988

16.5 km @ \$200.00/km \$ 3300.00

SUPERVISION OF SURVEY

Aug 26 and Sept 30, 1988

G. Evans @ \$350.00/day \$ 700.00

Vehicle rental and fuel @ \$50.00/day \$ 100.00

Meals and lodging \$ 100.00

INTERPRETATION AND REPORT

G. Evans 3 days @ \$350.00/day \$ 1050.00

Drafting costs + computer use \$ 260.00

Typing and materials \$ 211.00

TOTAL \$11609.00

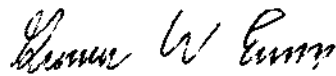
STATEMENT OF QUALIFICATIONS

I, Graeme W. Evans certify that:

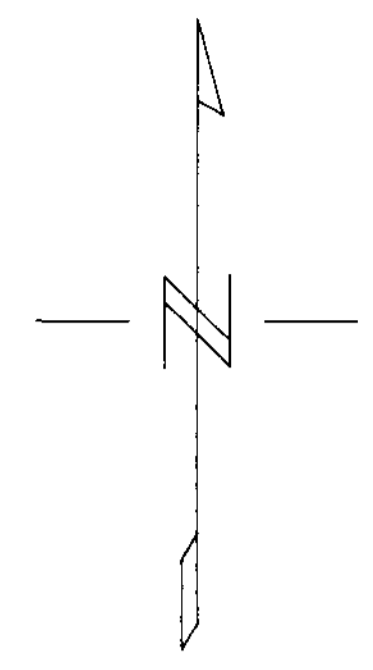
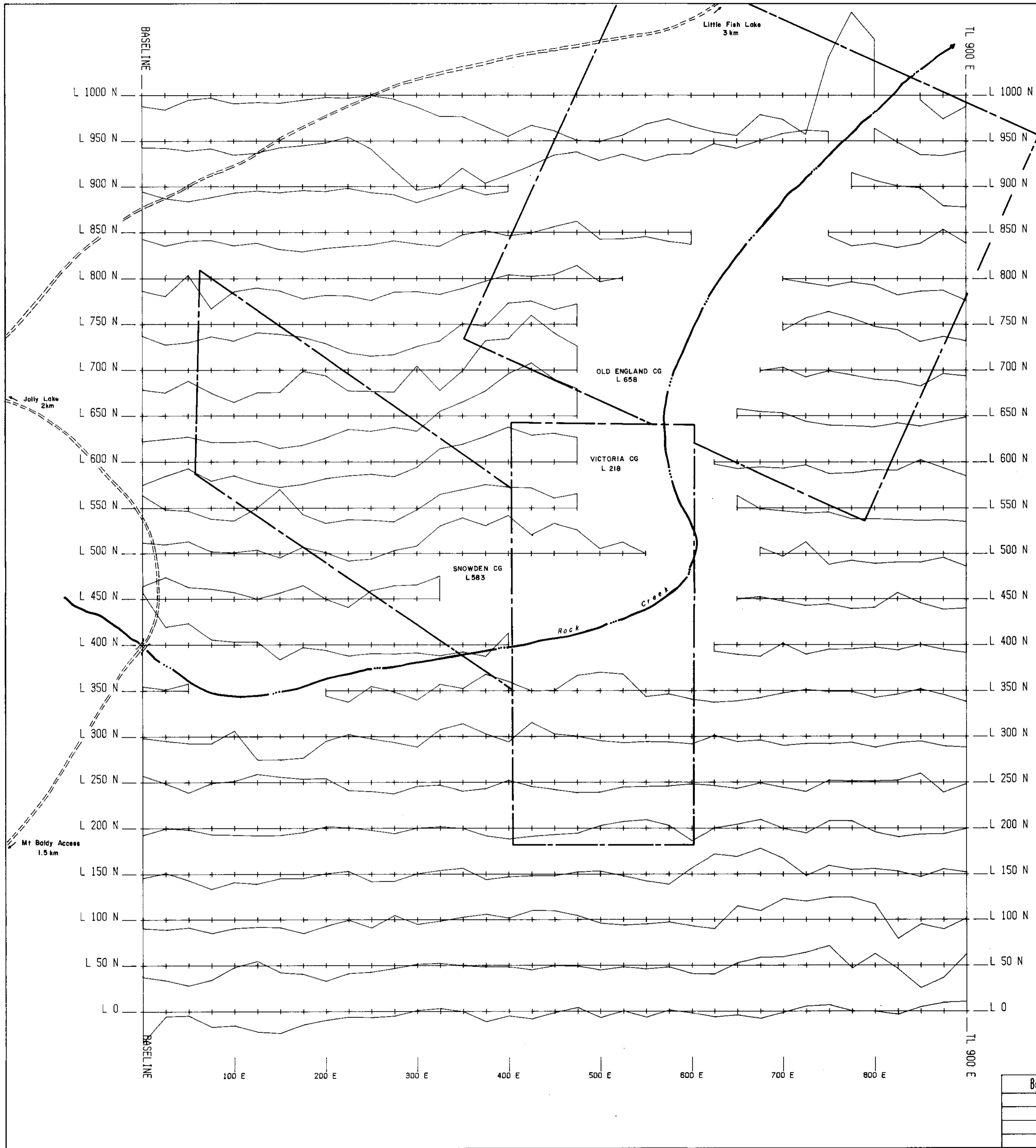
1. I am an Exploration Geologist residing at 207 - 5560 Arcadia Road, Richmond, B.C.
2. I have a BSc. (Geol) from the University of British Columbia (1983).
3. I have practised my profession since 1983.
4. I personally carried out or supervised the work reported herein.

December 22/1988

Date



Graeme W. Evans

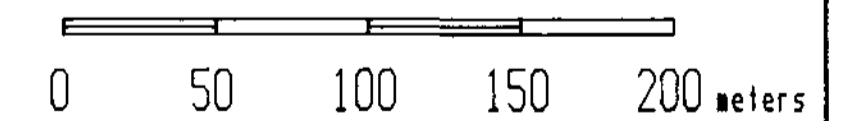


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GEOLOGICAL BRANCH = 250nt.
ASSESSMENT REPORT

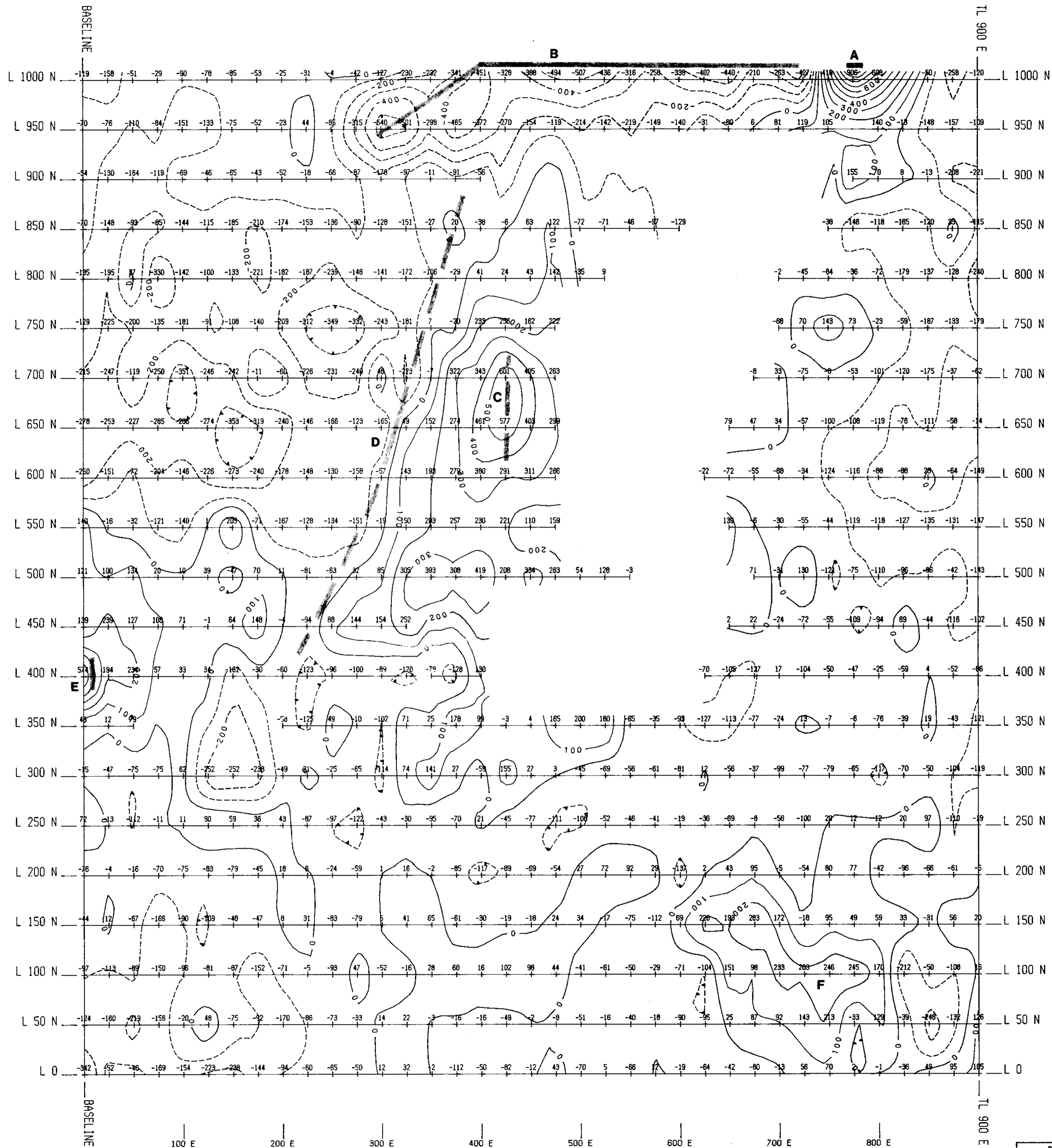
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By	Date	Approv. By

MINNOVA INC.	
JOLLY OPTION MAGNETOMETER RESIDUAL PROFILE MAP	
To accompany a report by	
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Writing Div:	A.T.S.: 82 E/3
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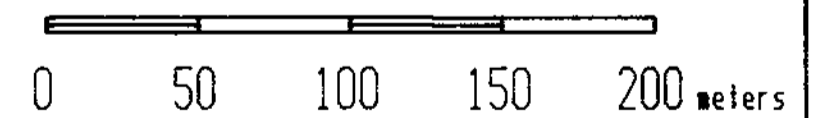


Plotted Value = Cor. Value - 57000

Geological Contour Interval: 100, 200
ASSESSMENT REPORT

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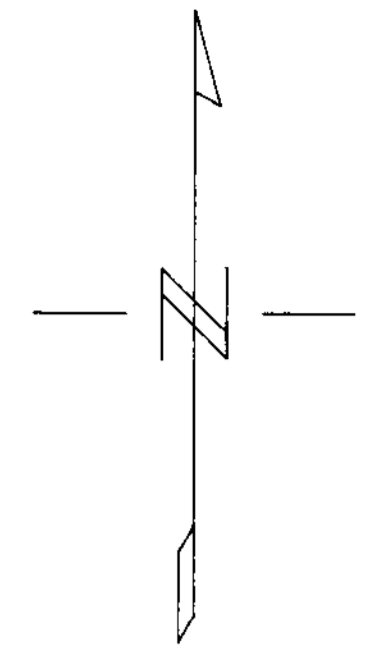
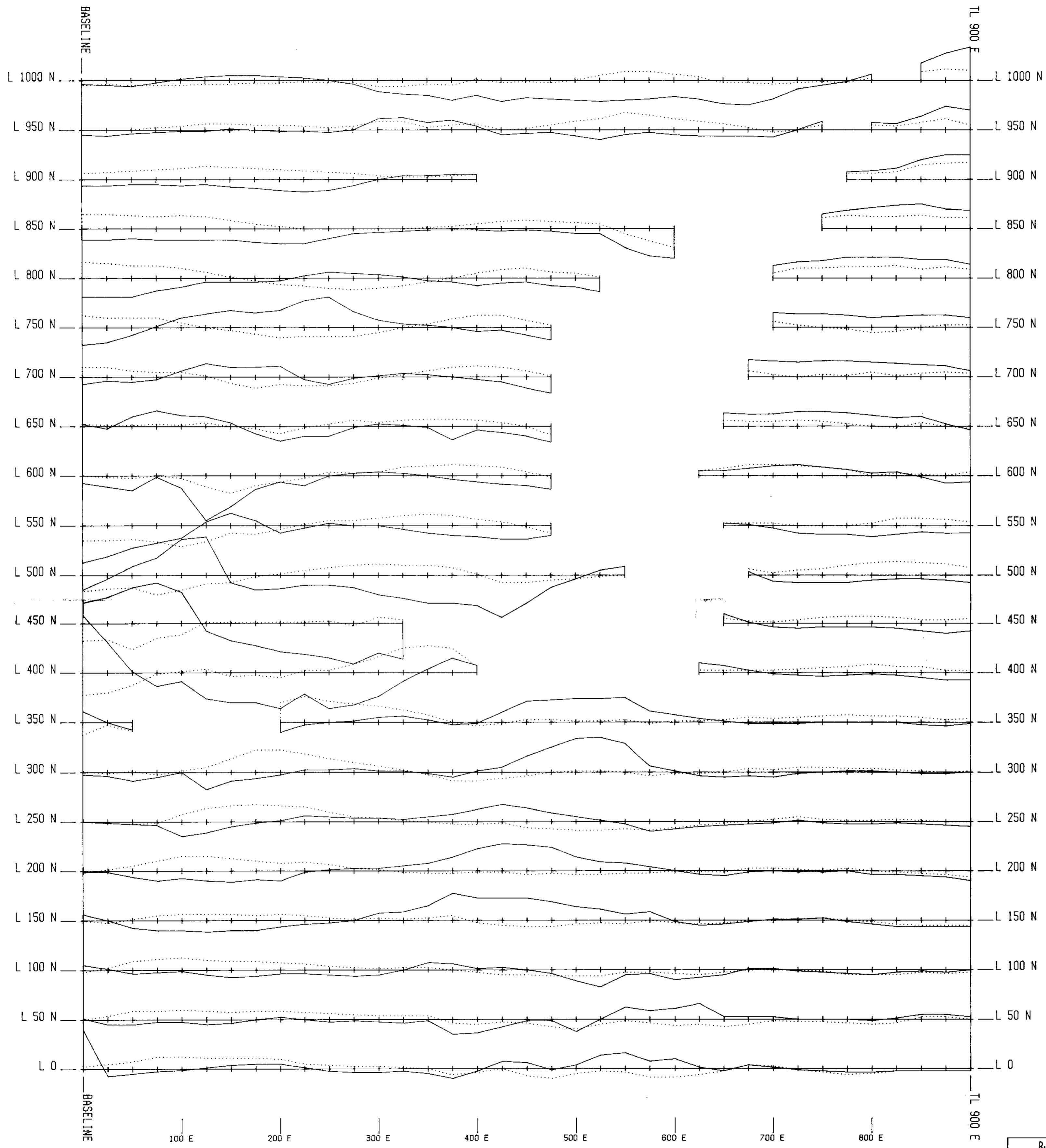
MINNOVA INC.
JOLLY OPTION
MAGNETOMETER
RESIDUAL
CONTOUR MAP

REVISIONS

By	Date	Approved By

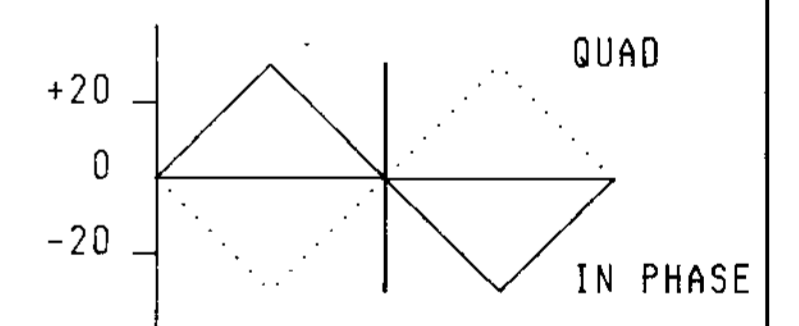
To accompany a report by

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Date: 03/10/88	Map No: MAP 2
QUEST CANADA EXPLORATION SERVICES INC.	

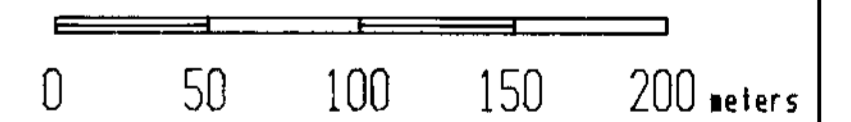


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ASSESSMENT REPORT

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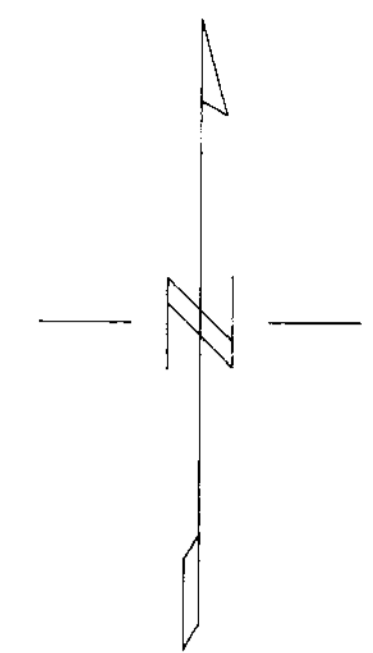
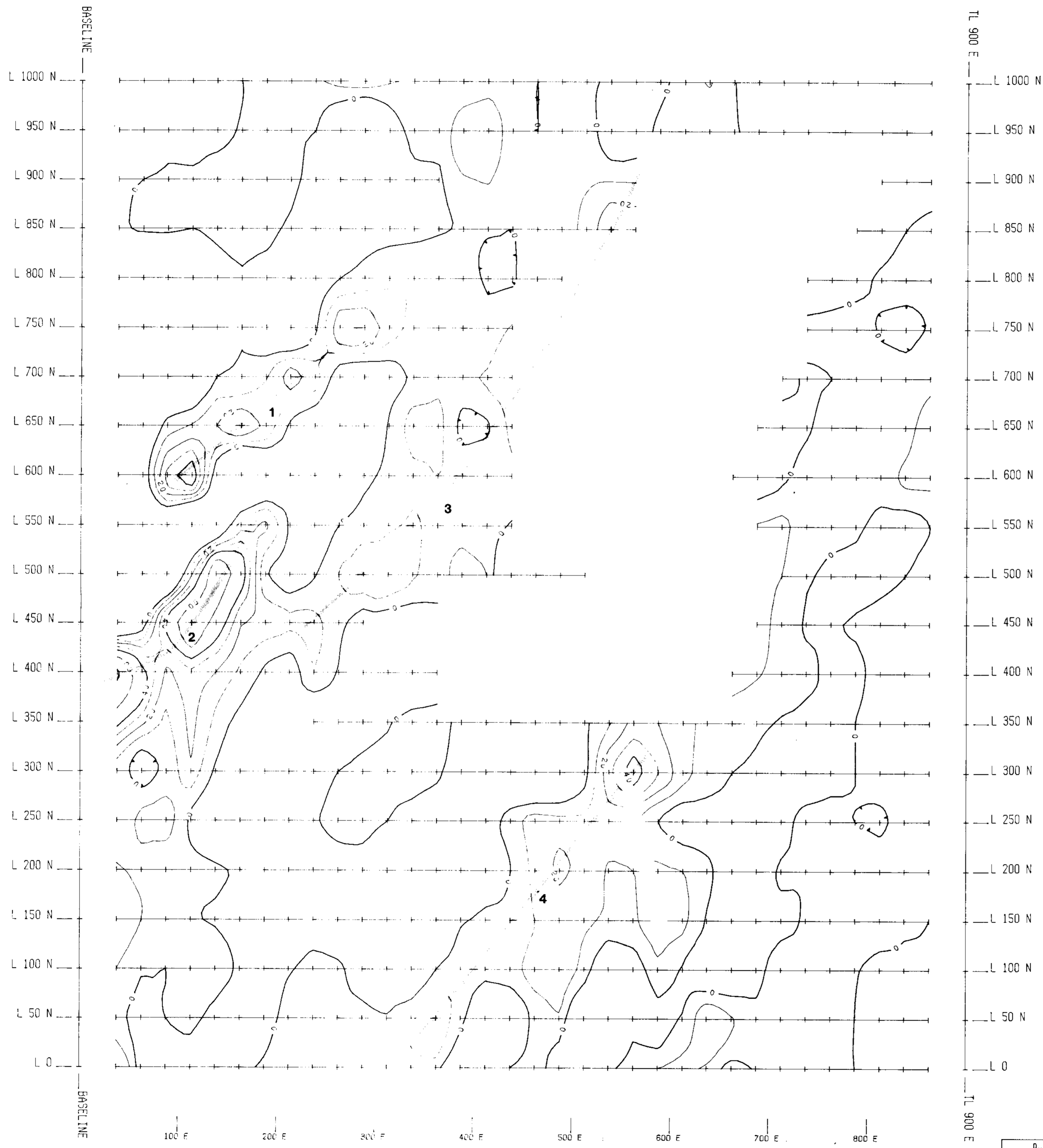
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MINNOVA INC. JOLLY OPTION SEATTLE VLF-EM PROFILE MAP	
To accompany a report by	
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Working Div:	N.T.S.: 82 E/3
Date: 03/10/88	Map No: MAP 3
QUEST CANADA EXPLORATION SERVICES INC.	

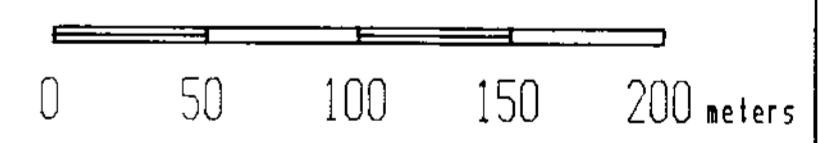


**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

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Contour Interval : 10,20

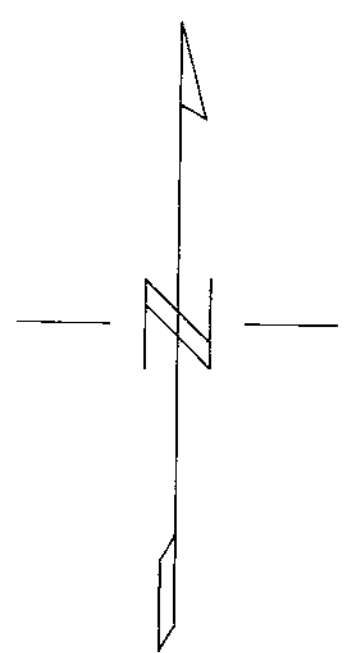
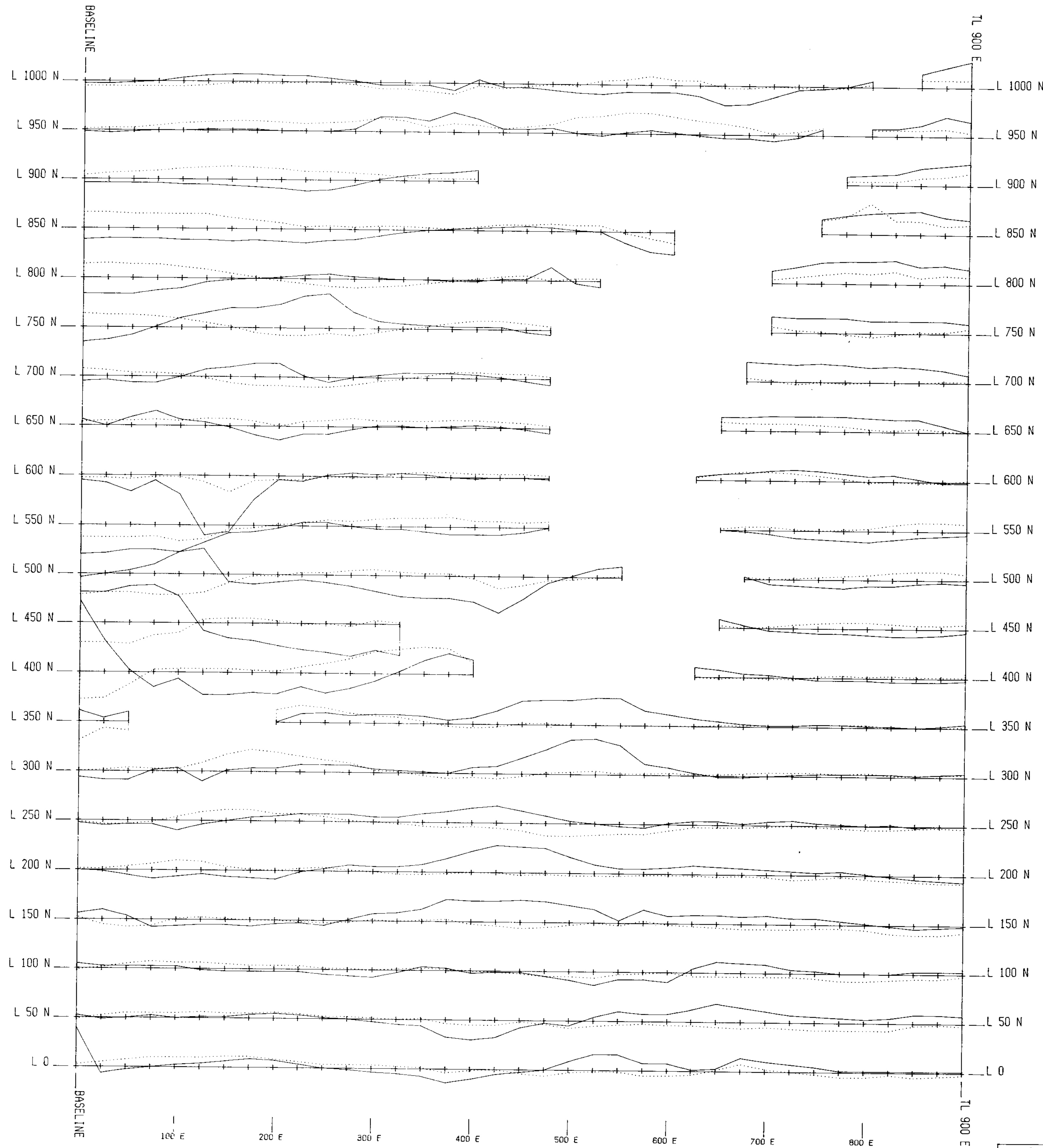
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MINNOVA INC.	
JOLLY OPTION SEATTLE VLF-EM FRASER FILTERED CONTOUR MAP	
To accompany a report by	
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Date 03/10/88	Map No: MAP 4
QUEST CANADA EXPLORATION SERVICES INC.	

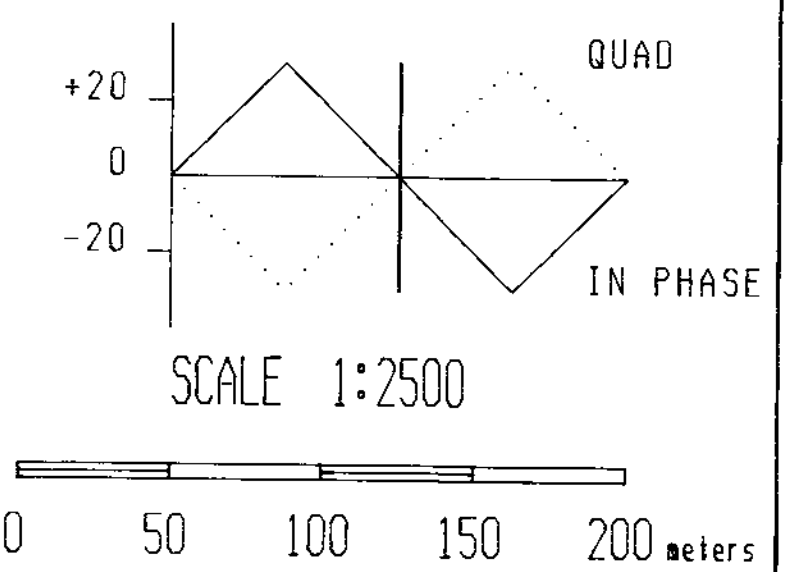
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ASSESSMENT REPORT

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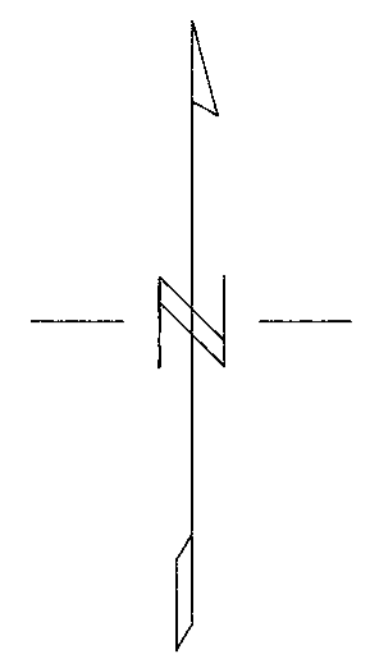
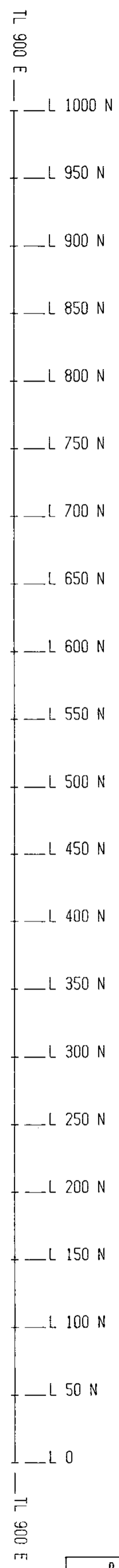
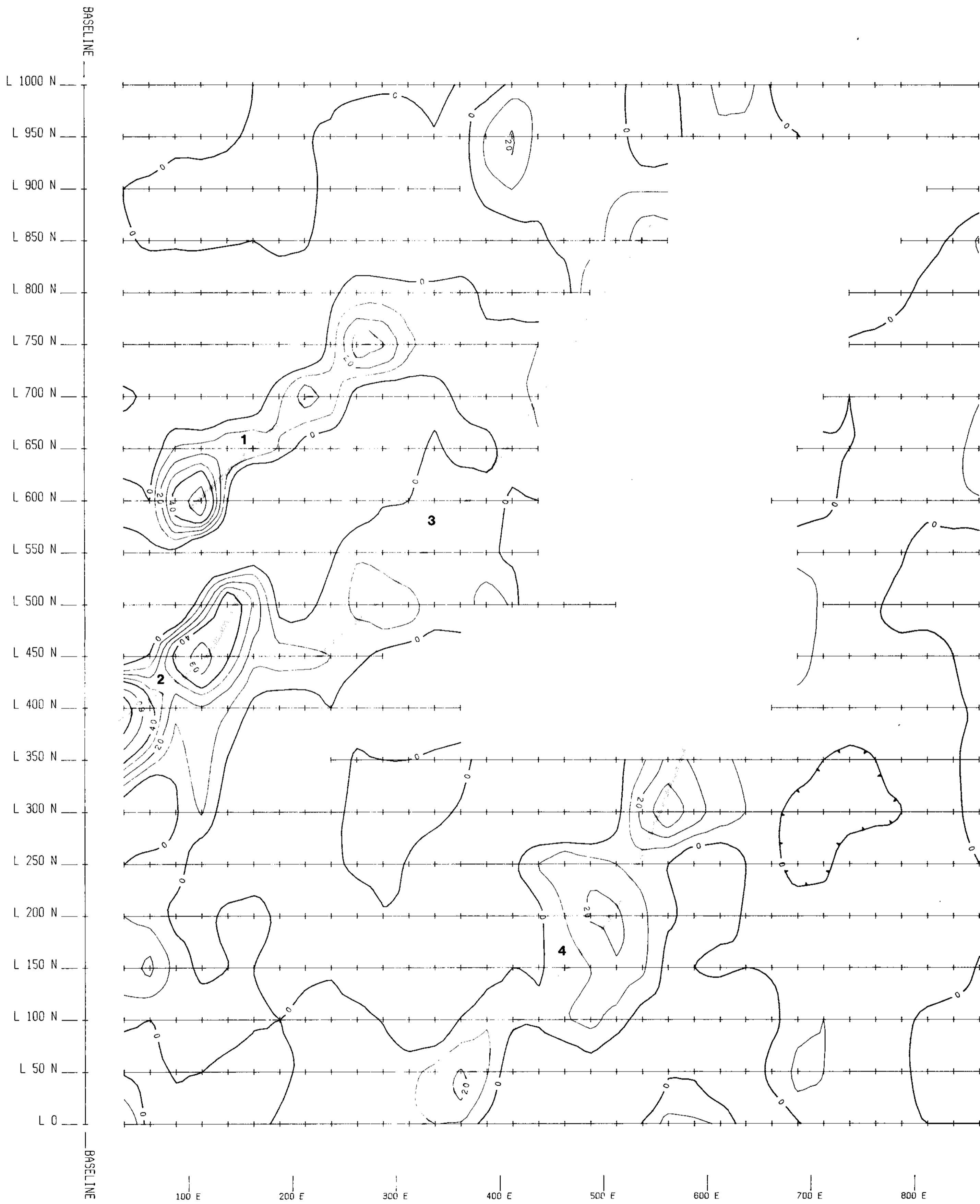


MINNOVA INC.
JOLLY OPTION
CUTLER VLF-EM
PROFILE MAP

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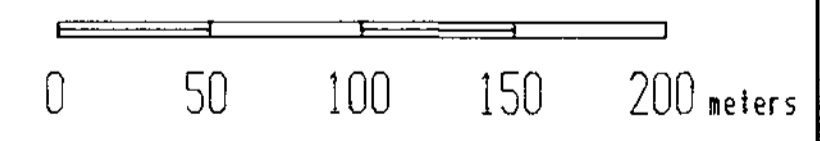
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Date 03/10/88	Map No: MAP 5
QUEST CANADA EXPLORATION SERVICES INC.	



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Contour Interval : 10,20

SCALE 1:2500



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MINNOVA INC.
 JOLLY OPTION
 CUTLER VLF-EM
 FRASER FILTERED
 CONTOUR MAP

To accompany a report by

Project No:	Report No:
Mining Div:	N.T.S.: 82 E/3
Date 03/10/88	Map No: MAP 6

QUEST CANADA EXPLORATION SERVICES INC.