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CONSULTING
GEOPHYSICISTS

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GRAVITY, IP, MAGNETIC & EM

SURVEY - TEXADA ISLAND

CLAIM GROUPS

SUMMARY

This report presents the results of the detailed geophysical survey work completed over the Little Billy, Basic Eleven and Lake North grids, Shima Resources claims, Texada Island, B.C., Canada. Six drill holes are recommended to test coincident geophysical anomalies which could indicate the presence of massive copper-magnetite mineralization within skarns.

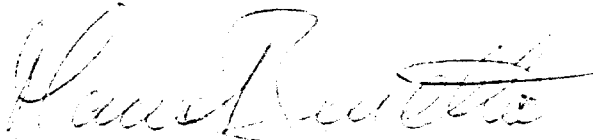
Respectfully submitted,



Charles A. Ager, PhD, PEng.

Geophysicist

July 9, 1979



Mauro G. Berretta, MSC

Geophysicist

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
8004
NO. _____

Part 2
of 2

MINISTRY OF ENERGY, MINES & PETROLEUM RESOURCES
REC'D. FEB 15 1980
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4b C.B. GRAVITY MAP

5b RESIDUAL GRAVITY MAP

6b MAGNETIC MAP

7b PFE MAP

8b RESISTIVITY MAP

9b VLF PROFILES

10b COMPOSITE MAP

LAKE NORTH GRID

3c ELEVATION MAP

4c C.B. GRAVITY MAP

5c RESIDUAL GRAVITY MAP

6c MAGNETIC MAP

LAKE NORTH GRID (con't)

7c PFE MAP

8c RESISTIVITY MAP

9c VLF PROFILES

10c COMPOSITE MAP

11 IP DETAIL

LOCATION, DATE OF WORK, CREW

Location: Shima Resources Ltd Claims Groups
Texada Island, B.C. (Vananda area)
Nanaimo Mining Division
NTS 92F/10E, 15E
49°43.5' N Latitude by 124°3' W Longitude

Date of Work:

Field Work; April 18 - May 15, 1979

Office Work; May 16 - July 9, 1979

Crew:

M.G. Berretta, MSc, geophysicist
C.A. Ager, PhD, PEng, geophysicist
G.J. Penner, geophysical operator
S. Beale, geophysical operator
D. Berryman, geophysical operator
D. Ethier, field assistant

INTRODUCTION

At the request of Shima Resources Ltd. detailed I.P., magnetics, VLF and gravity survey work was completed over three separate grids of the company's claim groups, Texada Island, B.C. (Figure 1,2). The intent of the work was to follow up previously detected gravity anomalies discovered during a reconnaissance gravity survey during 1977 (Ager, 1978). Copper- magnetite mineralization is known to be directly, related to skarn zones (gravity highs) at or near the contact of diorites which have intruded the older limestones. Detailed geophysical mapping was done to pinpoint drill targets.

The Shima Resources Ltd. claims groups are located on the northern end of Texada Island, B.C. which is some 80 miles northwest of Vancouver, B.C., Canada. The areas surveyed are shown on Figure 2 and are referred to as the Little Billy, Basic Eleven and Lake North grids.

The claims are in an area of moderate topographic relief (0-250 meters) with small cliffs, gullies and swamps throughout the region. The area is well forested with thick stands of timber. Second growth and swamps make the survey area difficult to penetrate at times. However, a good network of secondary roads provides easy access to the area surveyed.

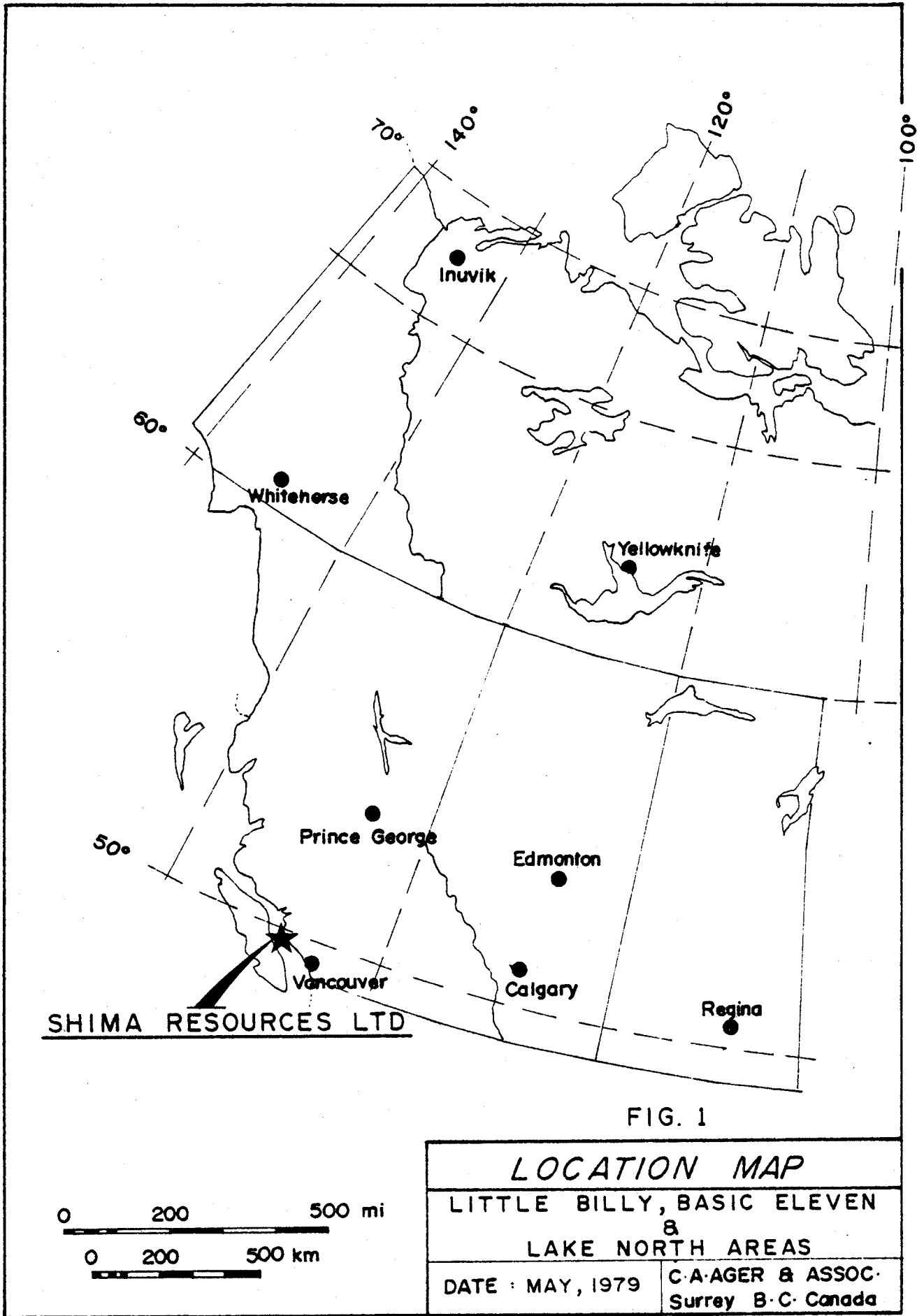


FIG. 1

LOCATION MAP

LITTLE BILLY, BASIC ELEVEN
&
LAKE NORTH AREAS

DATE : MAY, 1979 C.A. AGER & ASSOC.
Surrey B.C. Canada

INSTRUMENTATION & SURVEY PROCEDURE

Gravity observations were made using a LaCoste & Romberg Model G gravity meter (serial #G199) with reading accuracy of ± 0.01 mgals. Drift, latitude, Free Air, Bouguer slab and terrain effects were accounted for in the complete Bouguer gravity maps, Figures 4a, 4b and 4c. Bouguer density was 2.76 g/cc which corresponds to an elevation factor of 0.19296 mgal/m. Terrain radius was 400 meters.

Station elevations were determined using standard levelling procedures and an electronic level developed by Ager & Associates Ltd. Relative elevations are accurate to ± 0.03 meters or better. Absolute elevations were determined by tying in to previously known elevation points within each survey grid.

Magnetic readings were taken with a Scintrex MF1 fluxgate magnetometer with reading accuracy of ± 10 gammas. Instrument and diurnal drift were accounted for by tying into base stations within 3 hour intervals.

VLF EM survey work was done using a Sabre Mark 27 receiver using Seattle as transmitting station. Parameters measured were horizontal field strength and tilt angle.

Induced polarization equipment consisted of a Sabre Mark 2, 450 watt, frequency domain system. A dipole-dipole array was employed with $a=50\text{m}$ $n=1$, and a frequency span of 0.3 to 10 hertz. The effective depth of exploration was about 25 meters, except on detail lines where the depth was about 75 meters.

The survey grid was established using flagging, topo chain and compass, with stations every 25-50m. along east-west lines

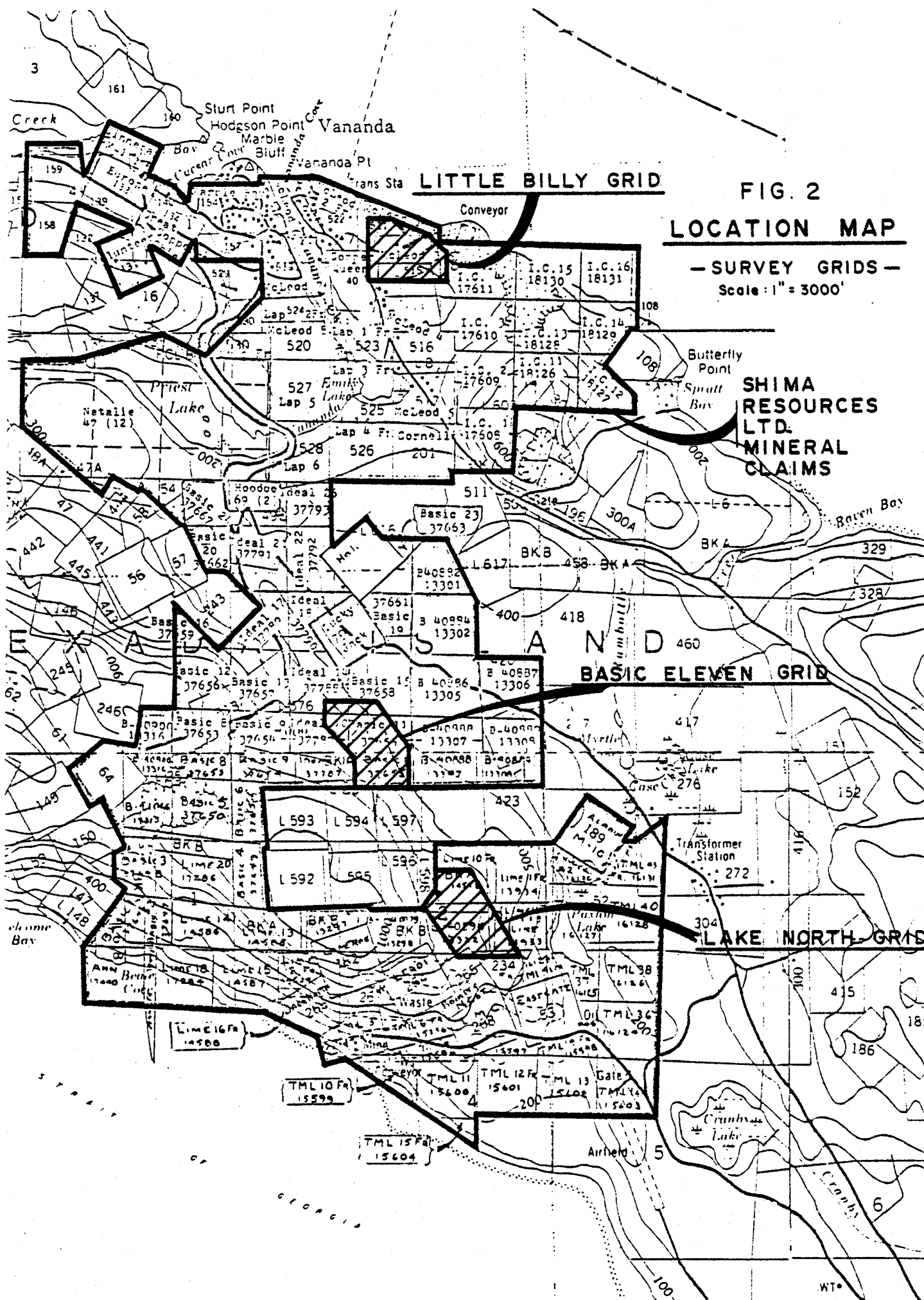


FIG. 2
LOCATION MAP

- SURVEY GRIDS -
Scale: 1" = 3000'

SHIMA RESOURCES LTD.
MINERAL CLAIMS

LITTLE BILLY GRID

BASIC ELEVEN GRID

LAKE NORTH GRID

Sturt Point
Hodgson Point
Marble Bluff
Vananda
Vananda Pt
Trans Sta

Butterfly Point
Spull Bay

Netalle
47 (12)

Clayton Bay

Transformer Station
272

Crunch Lake

Airfield

spaced 50m. apart as shown on the grid maps.

The geophysical results were plotted in the field and extensions to the grids were made where required. The final maps were calculated in Vancouver using drafting and computer facilities and are given on Figures 3a,b,c thru 10a,b,c, and 11.

RESULTS & INTERPRETATION

A. Little Billy Grid

At the north end of the grid, a weak IP anomaly outlines the general area of the Little Billy Mine (Figures 5a, 7a, 10a). Within this zone there is a coincident gravity high residual of small amplitude. These anomalies are considered to be caused by weak sulphide mineralization (such as pyrite) within and/or near diorites and/or limestones. The anomalies are interpreted to be related to non-economic mineralization which is associated with the mined out deposits of the Little Billy Mine.

In the south central area of the grid, two significant IP anomalies occur (Figure 7a). The IP feature at L250S+200E has amplitude of 12% pfe. It relates to medium resistivities (Figure 8a) of 500 to 1000 ohm-meters. Detail IP, Figure 11, indicates a westerly dip to the source with depth extent in excess of 75 meters. This IP high is coincident with a magnetic high residual of about 1000 gammas. The cause of this feature is thought to be sulphide mineralization such as pyrite, chalcopyrite, etc. and with associated magnetite.

The IP anomaly centered at 25W on lines 200S and 250S is open to the south. Efforts to close the feature were hampered by local culture (houses etc.). A weak amplitude of 8% pfe appears to increase with depth to 12% (figure 11). It also appears to widen with depth, and to have a westerly dip. Resistivities here (Figure 8a) indicate a corresponding low of 500 ohm-meters at depth. The small magnetic high

feature, about 500 gammas, (Figure 6a) occurs on the eastern flank of the anomaly. Its importance is uncertain due to scattered cultural effects in the area. The IP closure at L100S+100E is either associated with the above IP anomaly or else it is a cultural effect (buried pipe?). These anomalies appear to represent minor sulphide mineralization. Their economic merit is uncertain at this time and should be re-evaluated pending the results of the proposed drilling.

The gravity high residual of amplitude 0.50 mgals (Figure 5a) is situated over the limestones, just south of the diorite-limestone contact. Its center is L50S+200E. It is also the southern edge of a linear magnetic high residual anomaly of about 700 gammas (Figure 6a). The association of the magnetic high (magnetite in diorites?) with the gravity high (skarn?) makes this a good drill target. The IP could provide a 'halo' effect here.

The VLF EM, Figure 9a, over the Little Billy Grid is non-diagnostic due to severe cultural interference (power lines, metal buildings, pipes, etc.).

B. Basic Eleven Grid

The most striking feature of the geophysical work is a strong amplitude VLF EM conductor striking NW through the grid (Figures 9b and 10b). This EM anomaly corresponds to a resistivity low and is indicative of a northeast fault type structure within competent limestones to the east

and marbelized limestones to the west.

The magnetics (Figure 6b) indicate a 600 gamma residual anomaly centered at L150N+25W. The magnetic feature is slightly elongated northwesterly and appears to be semi-continuous to the southeast. A gravity high residual of small amplitude (0.30 mgals) is elongated southwest - northeast on the northern flank of the magnetic high, (Figure 5b). It is centered at L200N+100W.

It should be noted that the proximity of the EM, Magnetics and gravity suggest the possibility of a genetically related source, such as magnetite in skarns within or under the marbelized limestones. As shown on Figure 10b, a northeast-southwest cross fault is also interpreted to pass through the center of the magnetic-EM feature.

At the south edge of the grid, partially defined IP, magnetic and gravity anomalies are evident. Further work to the south is needed in order to properly interpret these features.

C. Lake North Grid

The pfe map (Figure 7c) indicates two main anomalous zones. The first is centered on L00 at 200E with amplitude 8% pfe. Detail IP, Figure 11, suggests a confined shallow source at about 50 meters depth. It is associated with a resistivity low of 300 ohm-meters.

The second IP anomaly is a northerly elongated zone

about 100 m long and 50 m wide centered at L50S+25N. Its peak amplitude of 8% pfe increases with depth and dips to the west. It corresponds to a zone of low resistivity, 300-1000 ohm-meters. This IP anomaly appears connected to the south where a 10% pfe response flanks an old mining pit. Visual inspection of the pit indicated the presence of massive magnetite, chalcopyrite and pyrite within highly fractured rock. It is thus likely that the IP anomalies could be caused by similar metallic mineralization.

The IP features occur within a magnetic gradient which parallels a marbelized zone and is taken to be the general trend of the geology. Inspection of Figure 4c, the residual gravity map, shows a generally continuous gravity high anomaly which overlies and parallels the magnetic trend. This indicates that the gravity is probably caused by a heavier rock unit within or underlying the limestones. The local highs within the broader feature could map skarn zones centered at L450N+175W and 25S+250E.

A weak VLF EM conductor is shown on Figure 10c to strike northerly from L150S to L100N at about 25E. The VLF profiles are given on Figure 9c. Generally speaking, the VLF is non-diagnostic except for the coincidence with IP pfe at L50S+25E.

RECOMMENDATIONS & CONCLUSIONS

Based on the geophysical results presented in this report, the following six vertical drill holes are recommended in order to test the economic significance of the anomalies.

HOLE NO.	GRID	HOLE CO-ORD	DEPTH
DDH 1	LITTLE BILLY	L250S+175E	125M
DDH 2	LITTLE BILLY	L50S+200E	125M
DDH 3	BASIC ELEVEN	L150N+25W	125M
DDH 4	BASIC ELEVEN	L200N+100W	125M
DDH 5	LAKE NORTH	L00+67W	125M
DDH 6	LAKE NORTH	L00+175W	125M

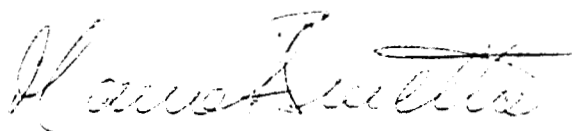
Pending the results of these drill holes, further interpretation of the geophysical data may be required.

Respectfully submitted


Charles A. Ager PhD, PEng.

Geophysicist

July 9, 1979


Mauro G. Berretta, MSc

Geophysicist

REFERENCES

Ager, C.A. 1978 Gravity Survey - Texada Island Claims Group.
Jan. 31, 1978.

CERTIFICATES OF QUALIFICATION

I, Charles A. Ager, do hereby certify that:

1. I am a practising geophysicist with offices and residence at 15423 34th Avenue, Surrey, B.C., Canada.
2. I have received the following university degrees:
 - (a) 1968 B.A. (Honours Math/Physics)
California State University, Sacramento, Calif.
 - (b) 1972 M.Sc. (Applied Geophysics)
University of B.C., Vancouver, B.C., Canada
 - (c) 1975 Ph.D. (Applied Geophysics)
University of B.C., Vancouver, B.C., Canada
3. I am a member in good standing of the following professional organizations:
 - (a) B.C. Geophysical Society
 - (b) Society of Exploration Geophysicists
 - (c) Association of Professional Engineers of the Province of British Columbia
4. Since 1968 I have been engaged in exploration and mining geophysics over numerous projects in western North America and eastern Canada.
5. The geophysical field work and the interpretation of the results in this report were done under my direct supervision.



Charles A. Ager, PhD, PEng
Geophysicist

I, Mauro B. Berretta, do hereby certify that I have the following qualifications.

ACADEMIC

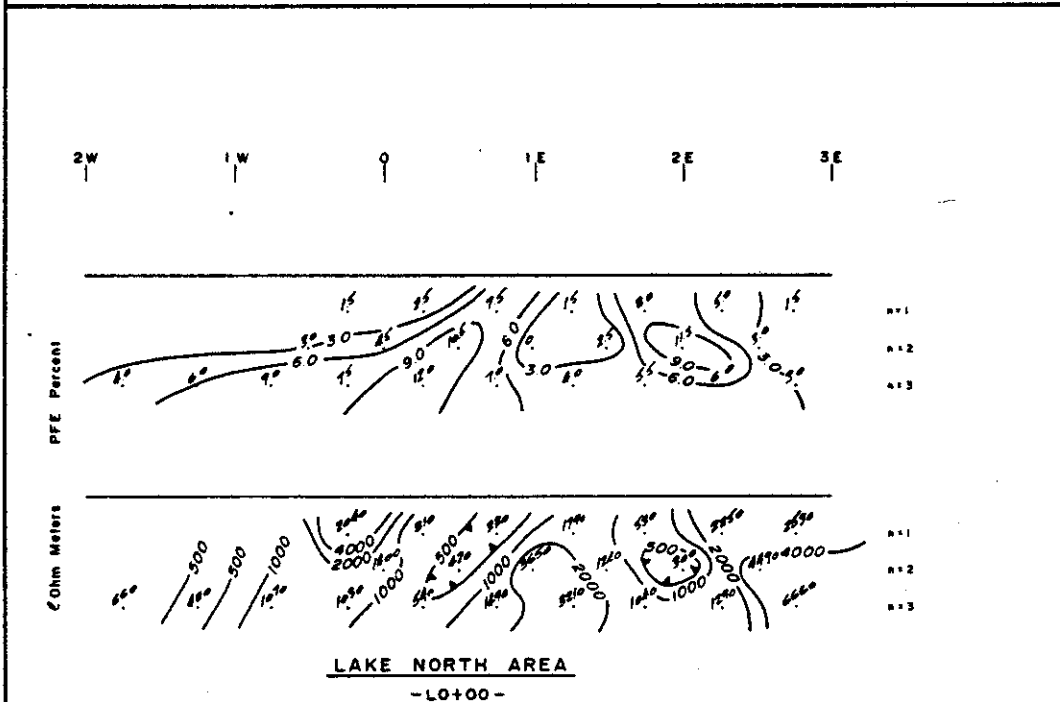
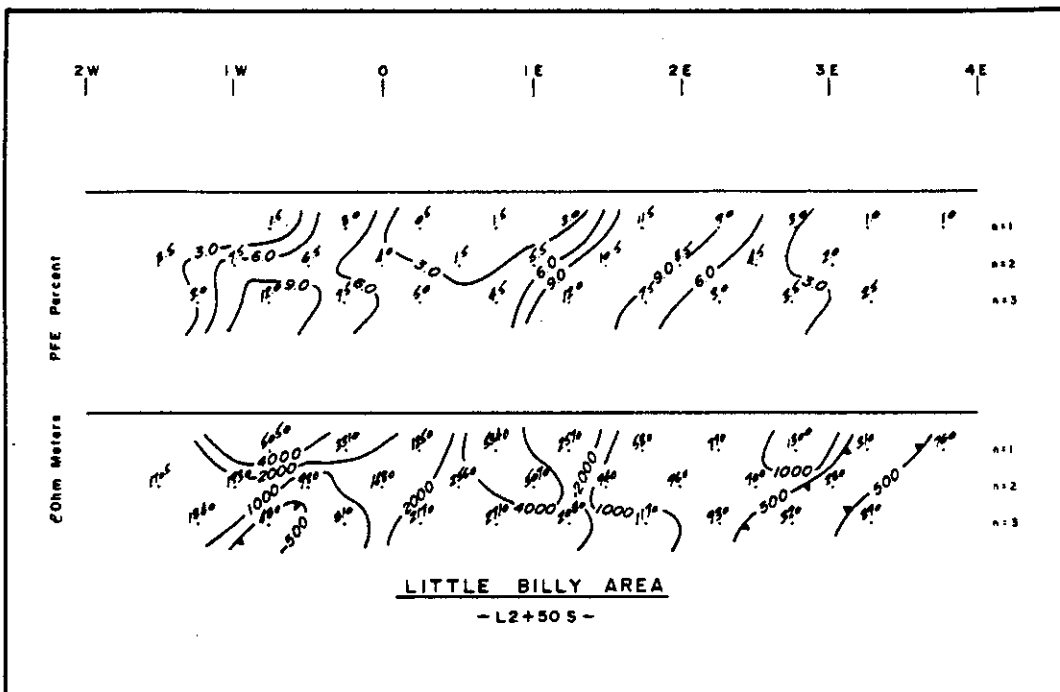
- 1964 - B.Sc. (Physics) - University of Windsor
- 1965 - M.Sc. (Physics) - University of Windsor
- 1967 - 69 - PH.D. Studies (Geophysics) - U.B.C.

PROFESSIONAL AND RELATED EXPERIENCE

- 1963 - 64 - oceanography and marine geophysics research with Great Lakes Institute, University of Toronto.
- 1968 - 69 - lecturer in exploration geophysics (GP400, GP402) with Dept. of Geophysics, U.B.C.
- 1970 - 77 - instructor in mining and petroleum geophysics with British Columbia Institute of Technology
- 1968 - present - geophysical exploration as an employee, consultant, joint-venture partner with numerous mining and oil companies in B.C., Yukon, and U.S.A. - experience in all phases of geophysics, (i.p., mag, e.m., seismic, gravity), with special concentration on i.p. and e.m. methods (in excess of 1000 survey miles)
- 1974 - 75 - President, British Columbia Geophysical Society



Mauro B. Berretta
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Whonnock, B.C., Canada
Ph. (604) 462-7705



INSTRUMENT: SABRE MARK 2
DIPOLE - DIPOLE a=90m
 n=1
 0.3-10 Hz

21 7Y 5000

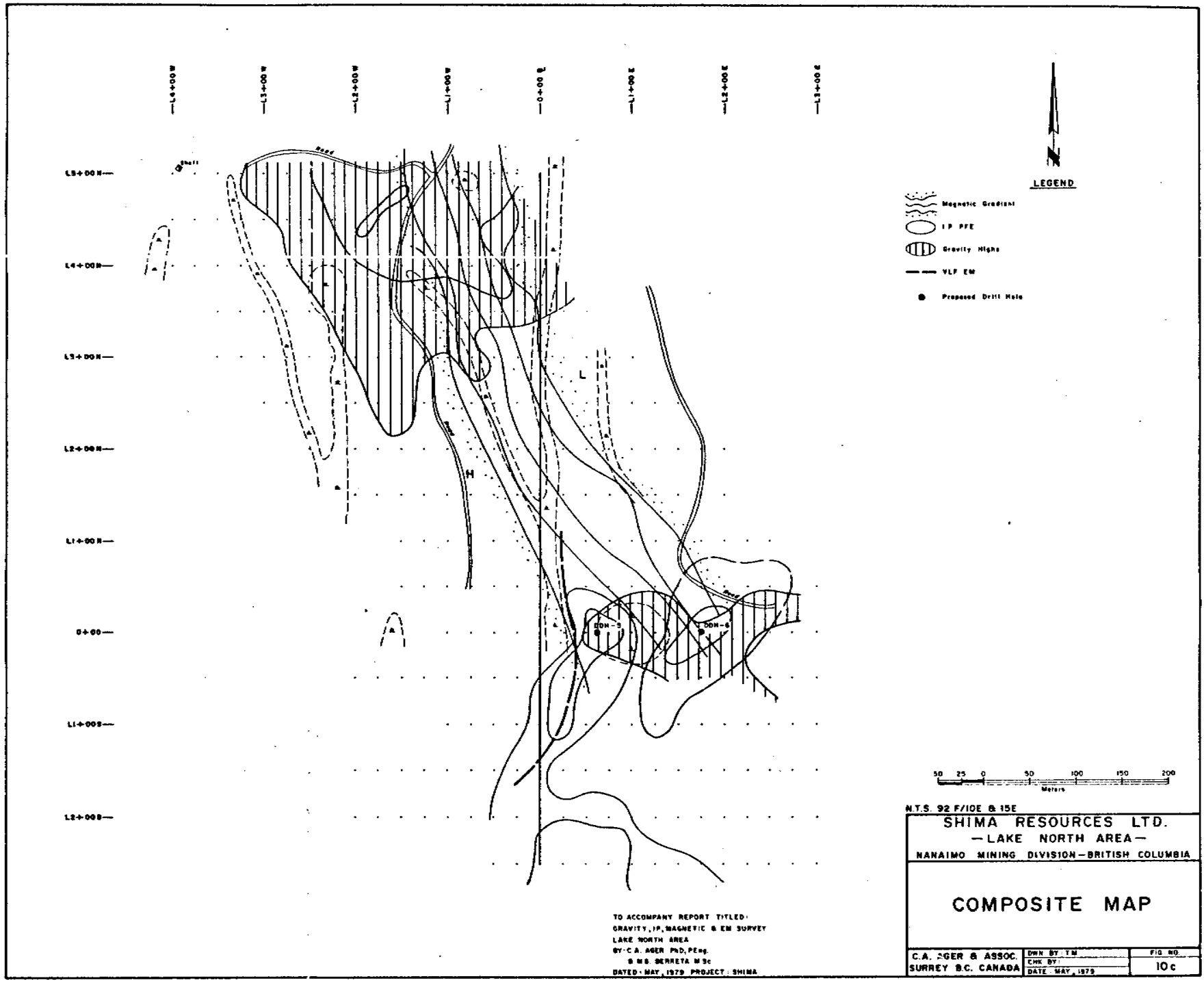


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LITTLE BILLY & LAKE NORTH AREAS
NANAIMO MINING DIVISION - BRITISH COLUMBIA






I.P. DETAIL

TO ACCOMPANY REPORT TITLED
GRAVITY, I.P., MAGNETIC & EM SURVEY
LITTLE BILLY & LAKE NORTH AREAS
BY C.A. AGER PH.D., P.Eng.
& M.G. BERRETA M.Sc.
DATED MAY, 1979 PROJECT SHIMA

C.A. AGER & ASSOC. SURREY B.C. CANADA	OWN BY TM	FIG NO
	CHK BY	11
	DATE MAY, 1979	



LEGEND

-  Magnetic Gradient
-  IP PFE
-  Gravity High
-  VLF EM
-  Proposed Drill Hole



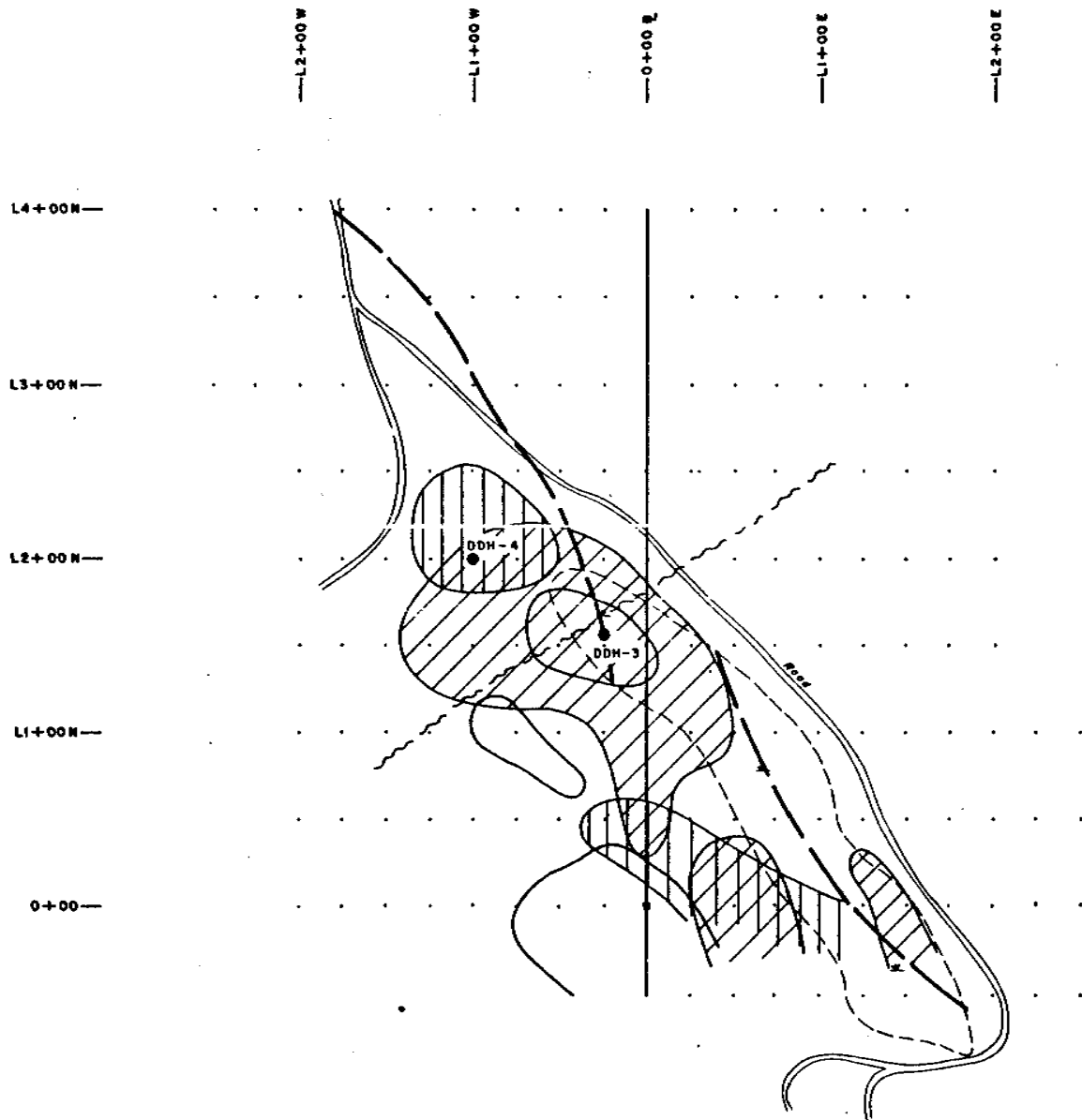
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COMPOSITE MAP

C.A. AGER & ASSOC. SURREY B.C. CANADA	DWN BY: TM CHK BY: DATE: MAY, 1979	FIG. NO. 10c
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 DATED: MAY, 1979 PROJECT: SHIMA



LEGEND

-  Magnetic Highs
-  Gravity Highs
-  VLF EM
-  Proposed Drill Hole
-  Interpreted Fault



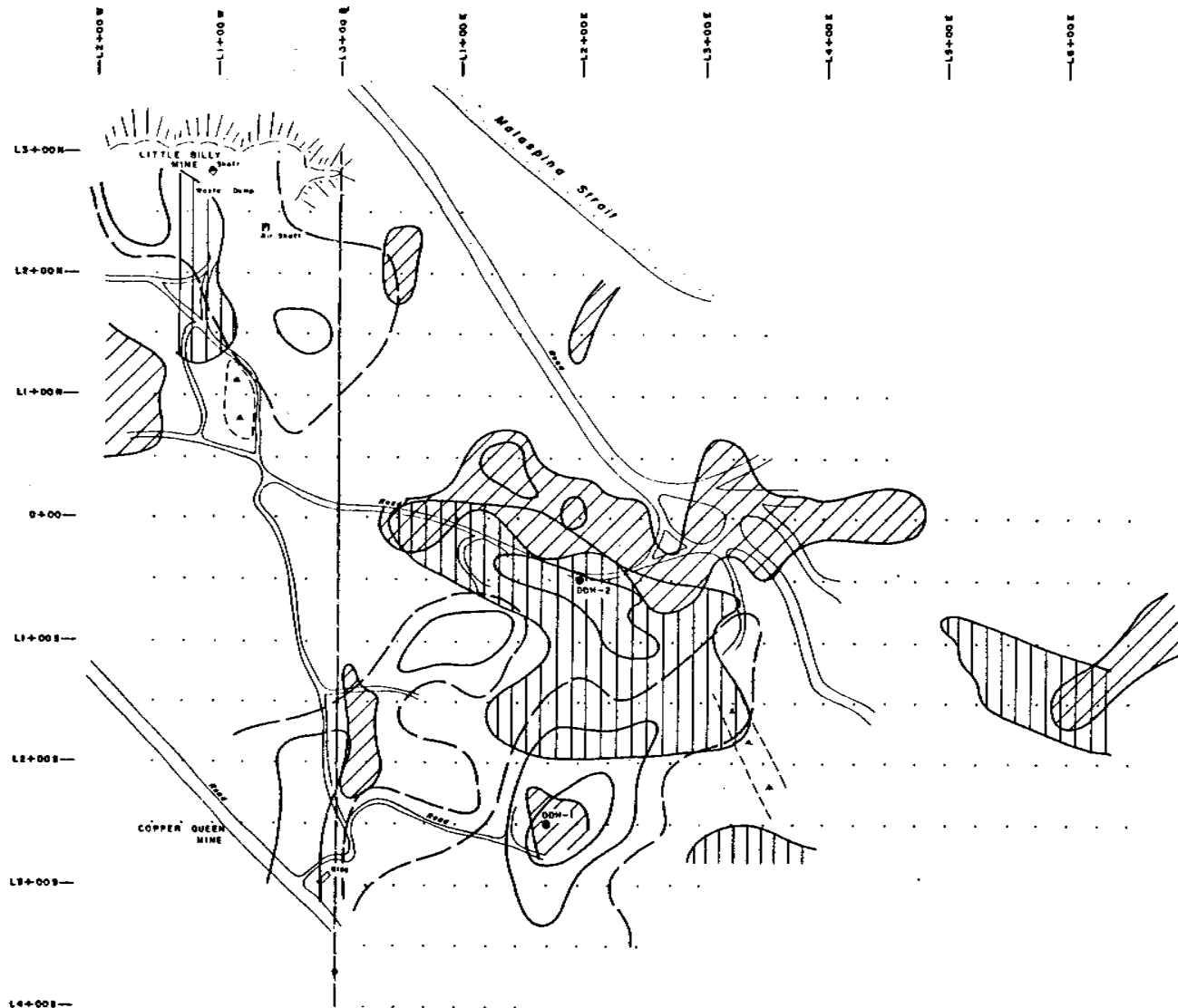
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COMPOSITE MAP

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 & M.G. BERRETA M.Sc.
 DATED: MAY, 1979 PROJECT: SHIMA

C.A. AGER & ASSOC. SURREY B.C. CANADA	DWN BY: TM	FIG. NO. 10 b
	CHK BY: DATE: MAY, 1979	



LEGEND

-  Magnetic Highs
-  IP PFE
-  Gravity Highs
-  Proposed Drill Hole



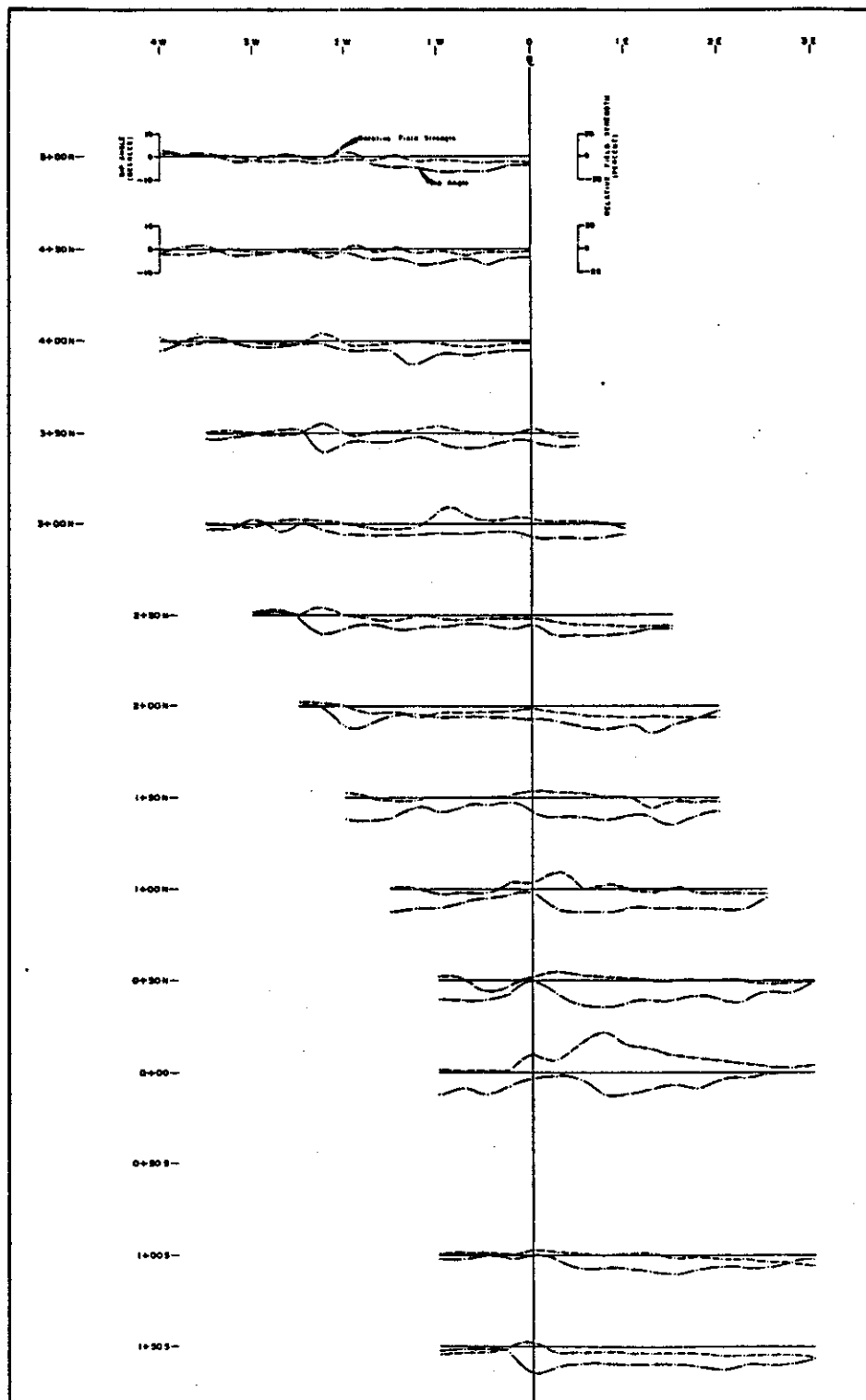
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COMPOSITE MAP

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C.A. AGER & ASSOC. SURREY B.C. CANADA	DWN BY TM	FIG NO
	CHK BY	100
DATE MAY, 1979		



676
 100 = 75m

INSTRUMENT SERIAL MARK OF TRANSMITTER - SEATTLE



N.T.S. SEE FIG. B 15C

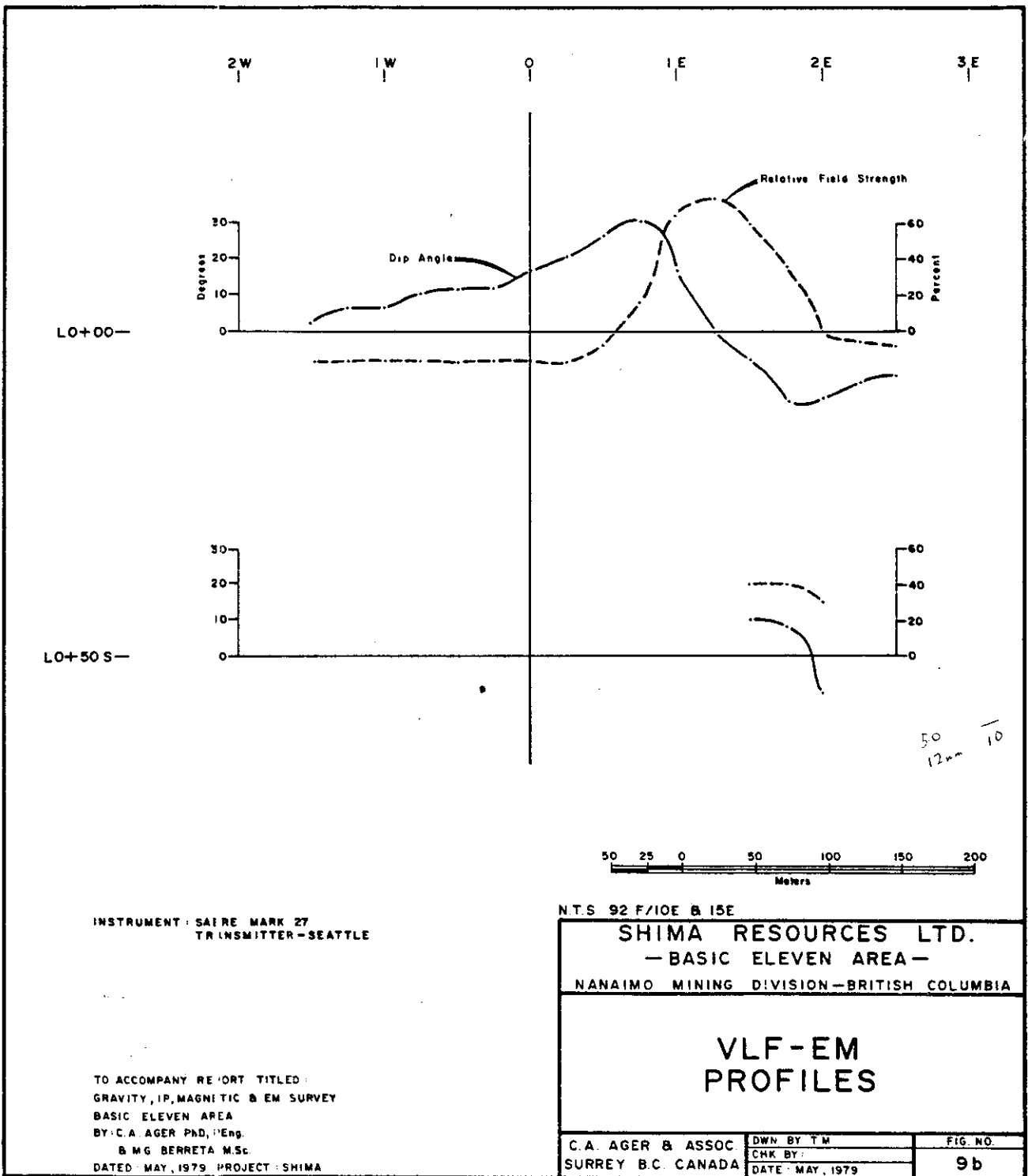
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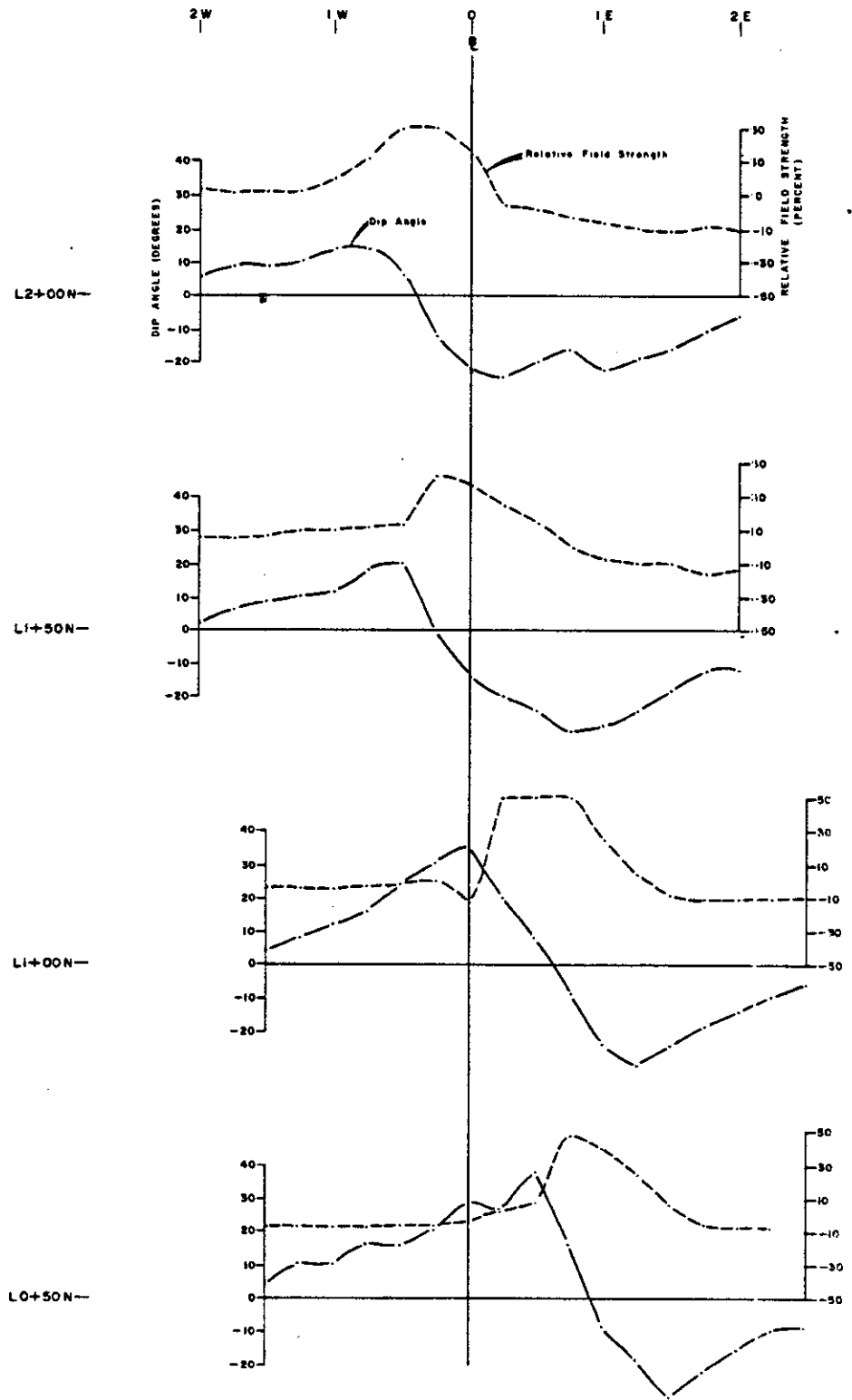
VLF-EM PROFILES

C.R. ADER & ASSOC.	100-1100	100-1100
SURREY B.C. CANADA	100-1100	100-1100

9c

TO ACCOMPANY REPORT TITLED
 QUALITY CONTROL OF VLF-EM SURVEY
 LAKE NORTH AREA
 BY C.R. ADER AND ASSOC.
 6000 BURNETT ST.
 SURREY B.C. CANADA
 DATED MAY 1979 PROJECT SHIMA





INSTRUMENT: SABRE MARK 27
TRANSMITTER - SEATTLE

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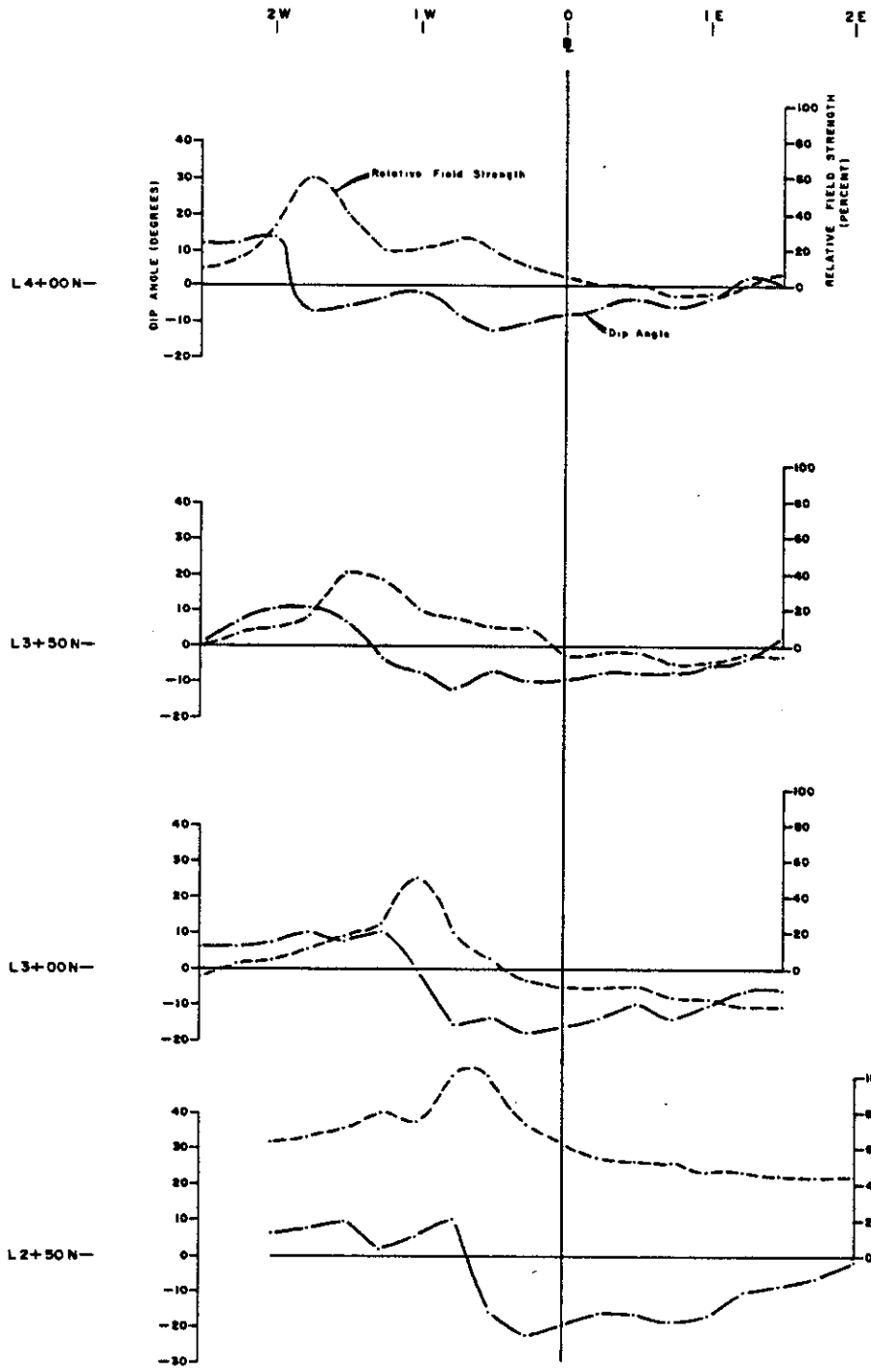
VLF-EM
PROFILES

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DATED MAY, 1979 PROJECT SHIMA

C.A. AGER & ASSOC.
SURREY B.C. CANADA

DWN BY TM
CHK BY
DATE MAY, 1979

FIG NO
9b



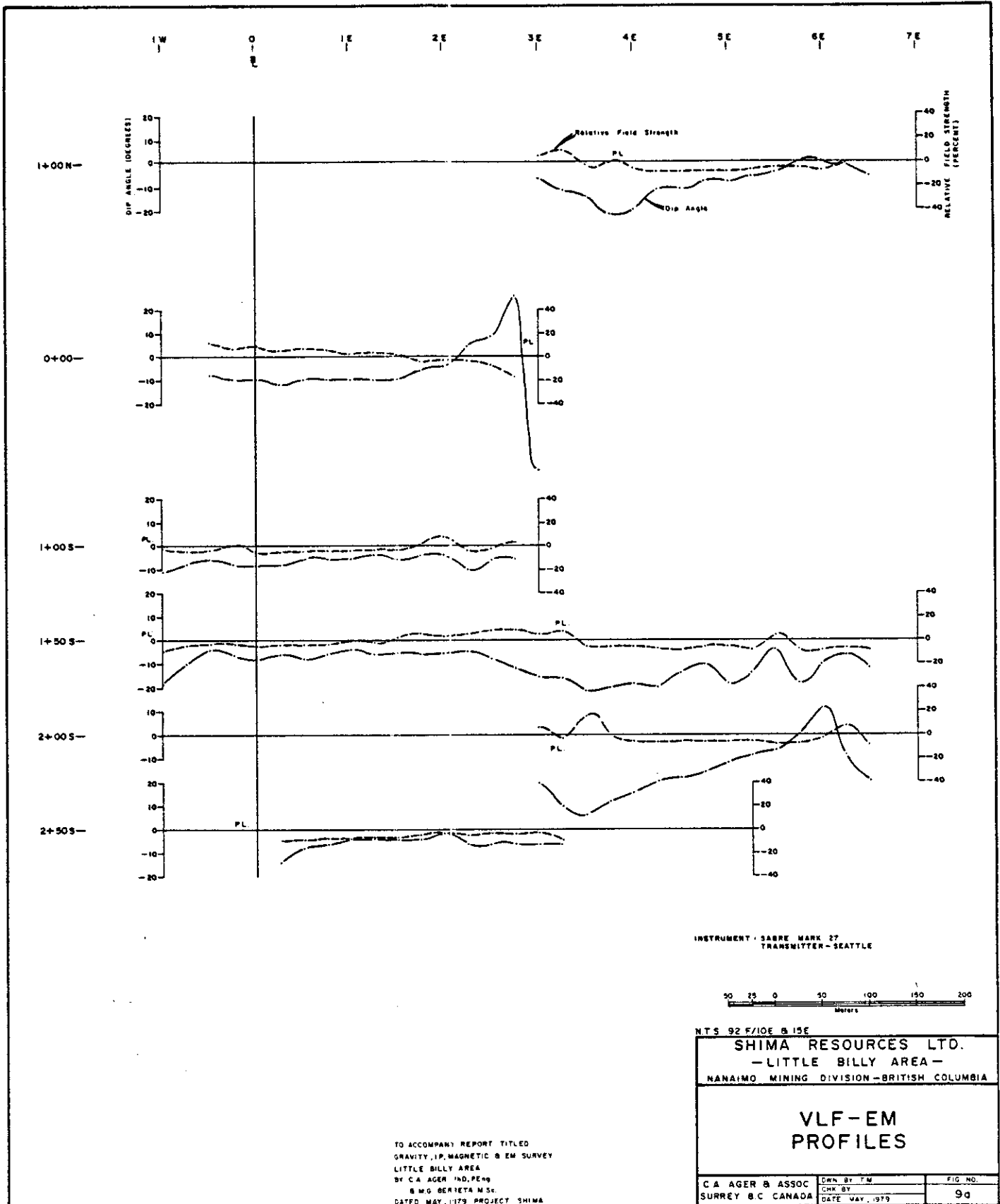
INSTRUMENT: SABRE MARK 2T
TRANSMITTER: SEATTLE

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& M.G. BERRETA M.Sc. P.Eng.
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VLF-EM
PROFILES

C.A. AGER & ASSOC. SURREY B.C. CANADA	DWN BY T.W.	FIG NO
	CHK BY	9b
	DATE MAY, 1979	



INSTRUMENT - SABRE MARK 27
TRANSMITTER - SEATTLE

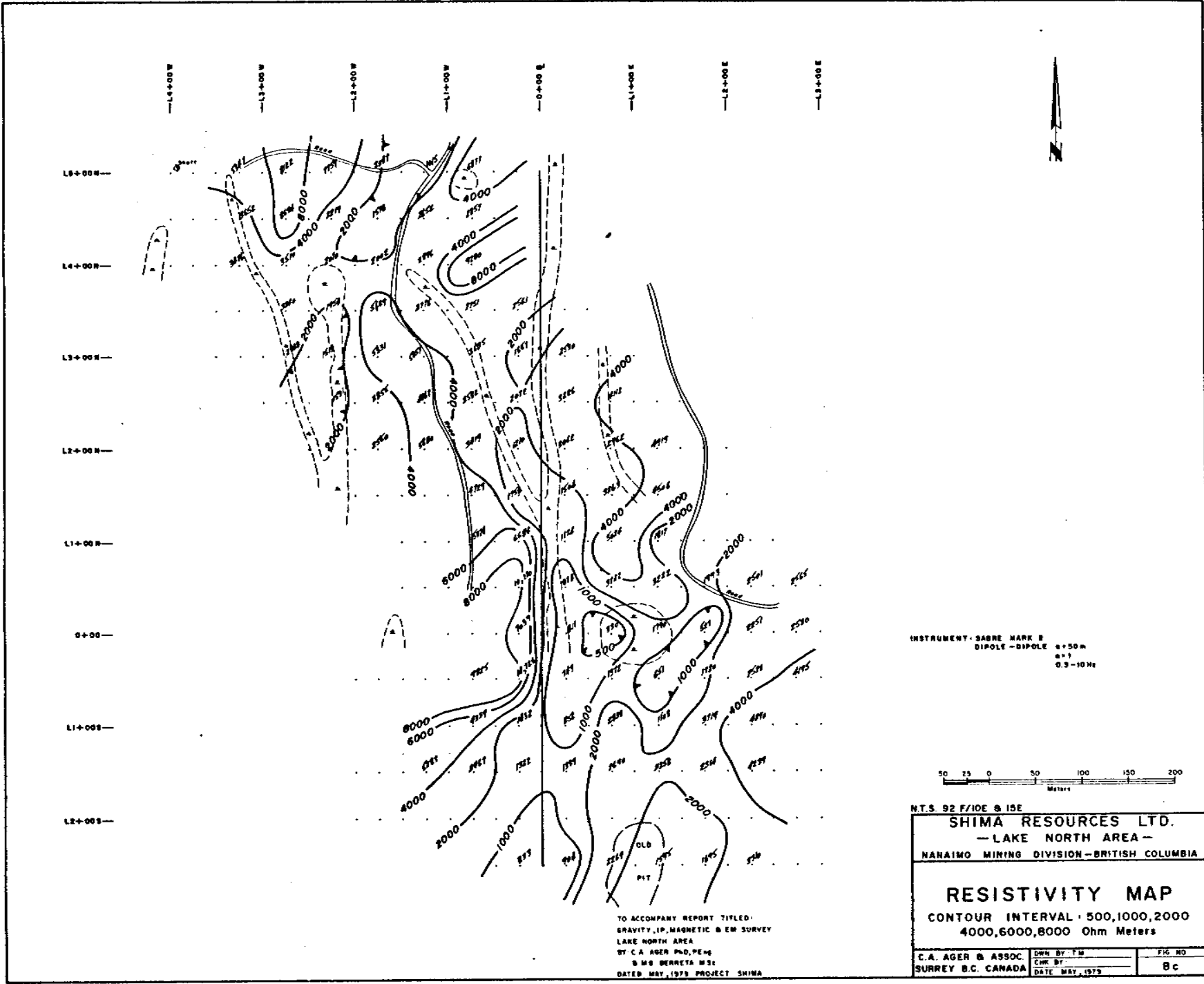


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VLF-EM
PROFILES

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GRAVITY, IP, MAGNETIC & EM SURVEY
LITTLE BILLY AREA
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& M.G. BERIETA M.Sc.
DATED MAY, 1979 PROJECT SHIMA

C.A. AGER & ASSOC SURREY B.C. CANADA	DWN BY T.M. CHK BY DATE MAY, 1979	FIG. NO. 9d
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INSTRUMENT - SABRE MARK II
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 n = 1
 0.3 - 10 Hz

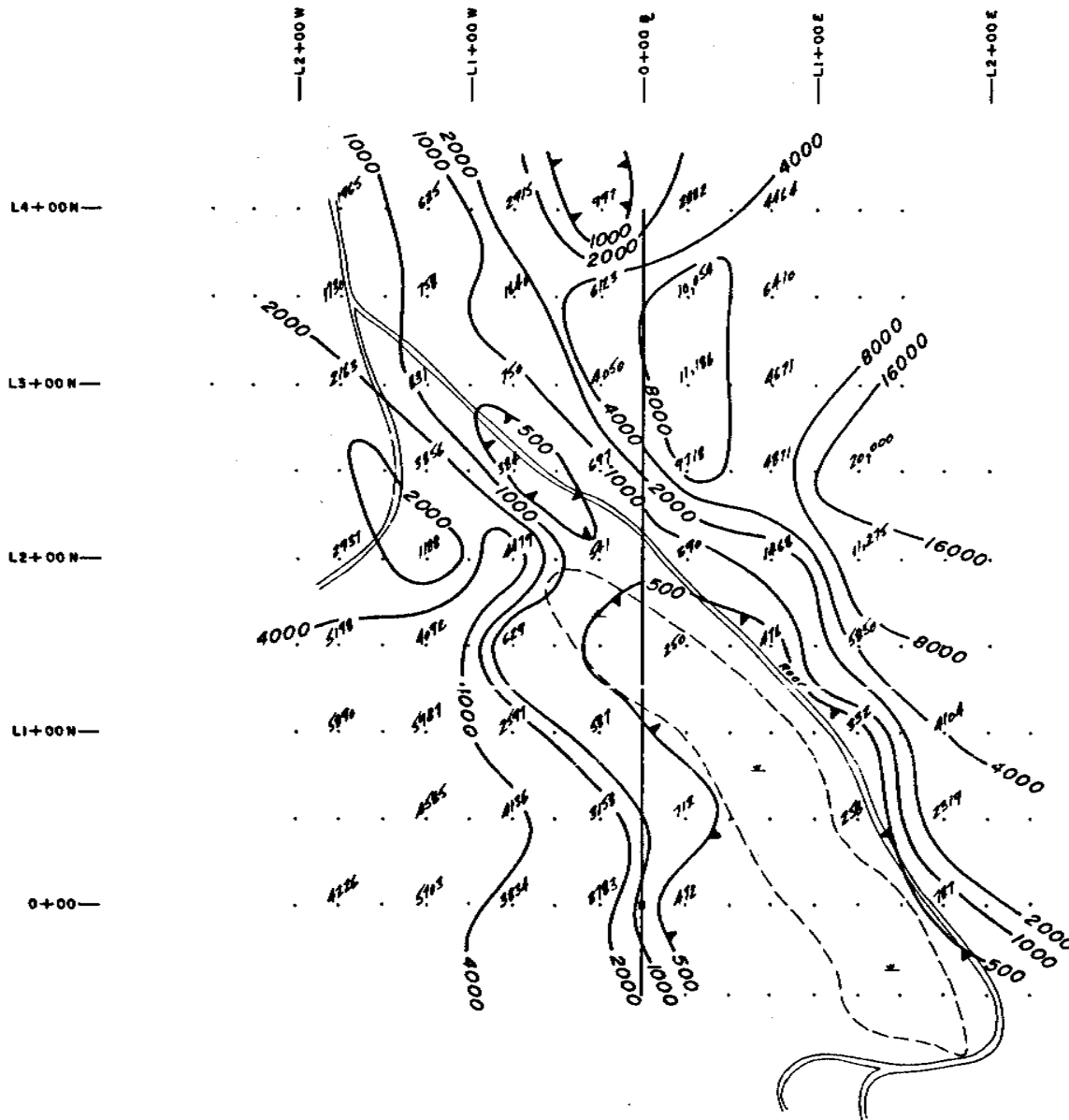


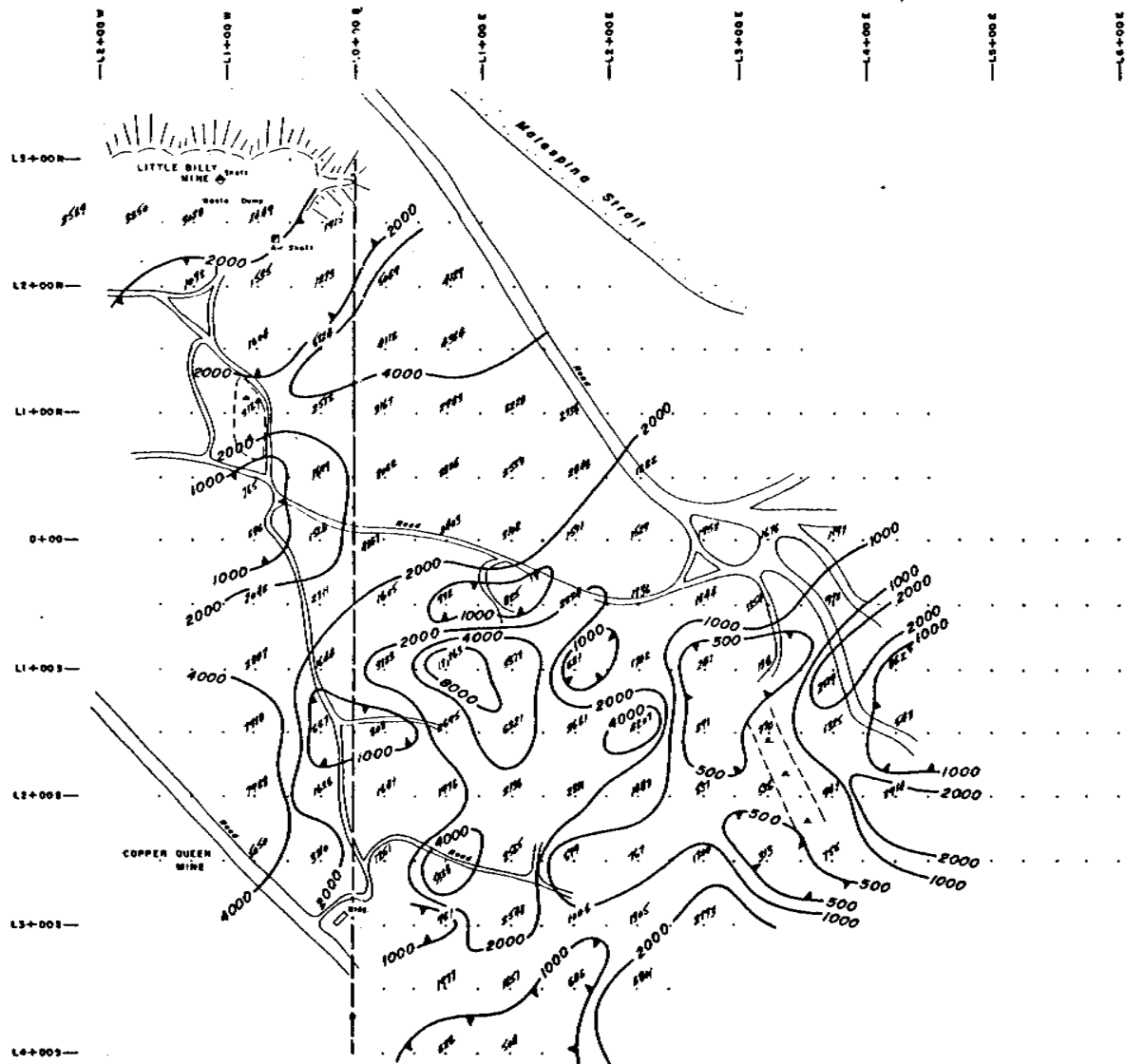
N.T.S. 92 F/10E @ 15E
SHIMA RESOURCES LTD.
 - LAKE NORTH AREA -
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RESISTIVITY MAP
 CONTOUR INTERVAL - 500, 1000, 2000
 4000, 6000, 8000 Ohm Meters

TO ACCOMPANY REPORT TITLED:
 GRAVITY, IP, MAGNETIC & EM SURVEY
 LAKE NORTH AREA
 BY C. A. AGER P.Eng
 & M.S. BERRERA M.Sc.
 DATED MAY, 1973 PROJECT SHIMA

C. A. AGER & ASSOC SURREY B.C. CANADA	DWN BY T.M. CHK BY DATE MAY, 1973	FIG. NO. 8c
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INSTRUMENT - SAGRE MARK 2
 DIPOLE - DIPOLE $\rho = 50m$
 $n = 1$
 $f = 0.3 - 10Hz$

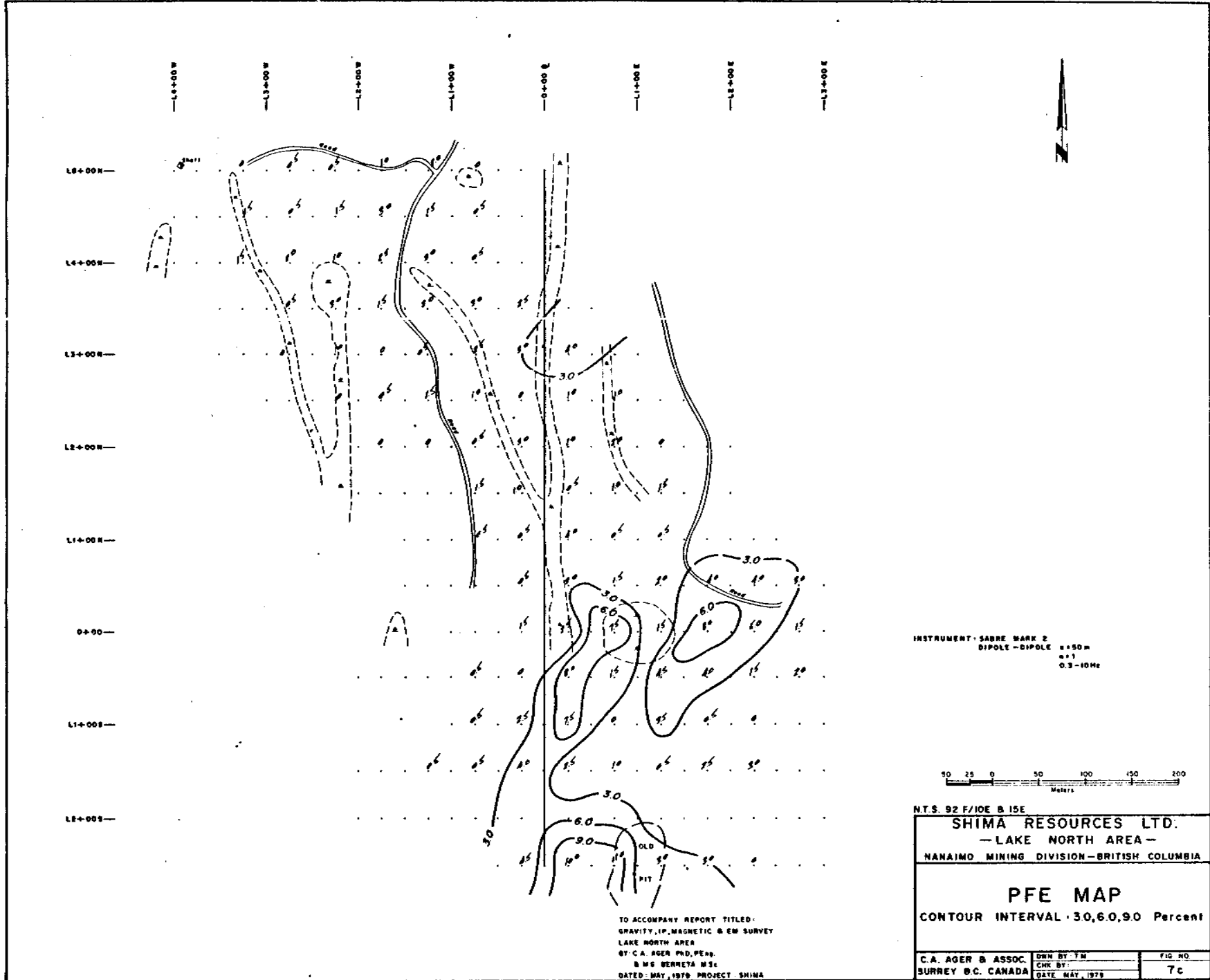


N.F.S. 92 F/10E B 15E
SHIMA RESOURCES LTD.
 - LITTLE BILLY AREA -
 NANAIMO MINING DIVISION - BRITISH COLUMBIA

RESISTIVITY MAP
 CONTOUR INTERVAL - 500, 1000, 2000
 4000 Ohm Meters

TO ACCOMPANY REPORT TITLED:
 GRAVITY, IP, MAGNETIC & EM SURVEY
 LITTLE BILLY AREA
 BY C.A. AGER PHD, P.ENG.
 & M.G. BERRERA M.Sc.
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C.A. AGER & ASSOC SURREY B.C. CANADA	DWN BY T.M. CHK BY	FIG NO 86
	DATE MAY, 1979	



INSTRUMENT: SABBRE MARK 2
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 $g = 1$
 $0.3 - 10Hz$



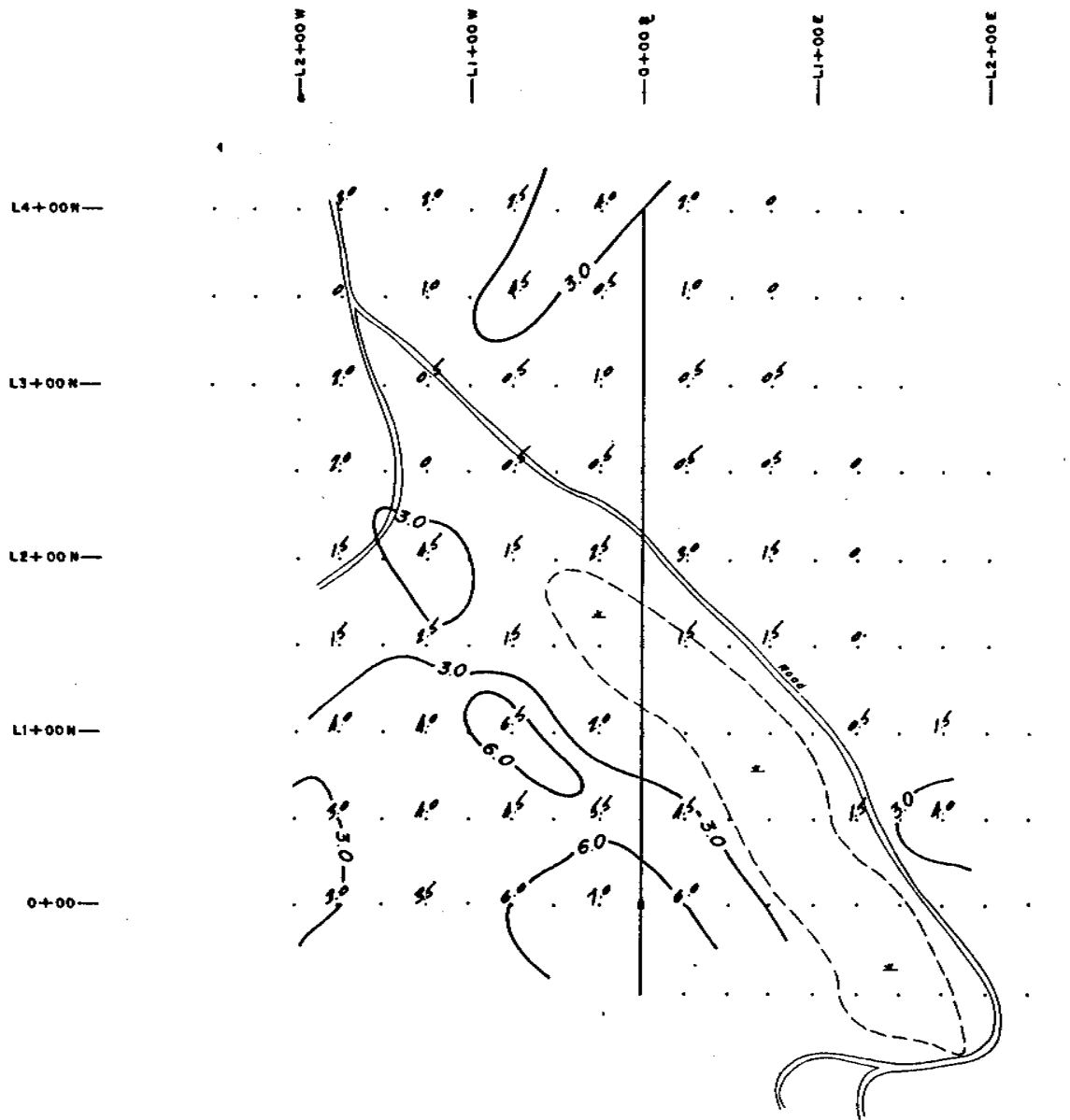
N.T.S. 92 F/10E B 15E
SHIMA RESOURCES LTD.
 - LAKE NORTH AREA -
 NANAIMO MINING DIVISION - BRITISH COLUMBIA

PFE MAP
 CONTOUR INTERVAL: 3.0, 6.0, 9.0 Percent

TO ACCOMPANY REPORT TITLED:
 GRAVITY, IP, MAGNETIC & EM SURVEY
 LAKE NORTH AREA
 BY: C.A. AGER P.D., P.E. &
 B. M.S. BERNETA M.Sc.
 DATED: MAY, 1979 PROJECT SHIMA

C.A. AGER & ASSOC. SURREY B.C. CANADA	DWN BY: T.M. CHK BY: DATE: MAY, 1979	FIG. NO. 7c
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84cm



INSTRUMENT: SABRE MARK 2
 DIPOLE - DIPOLE
 a = 50m
 n = 1
 0.3 - 10Hz



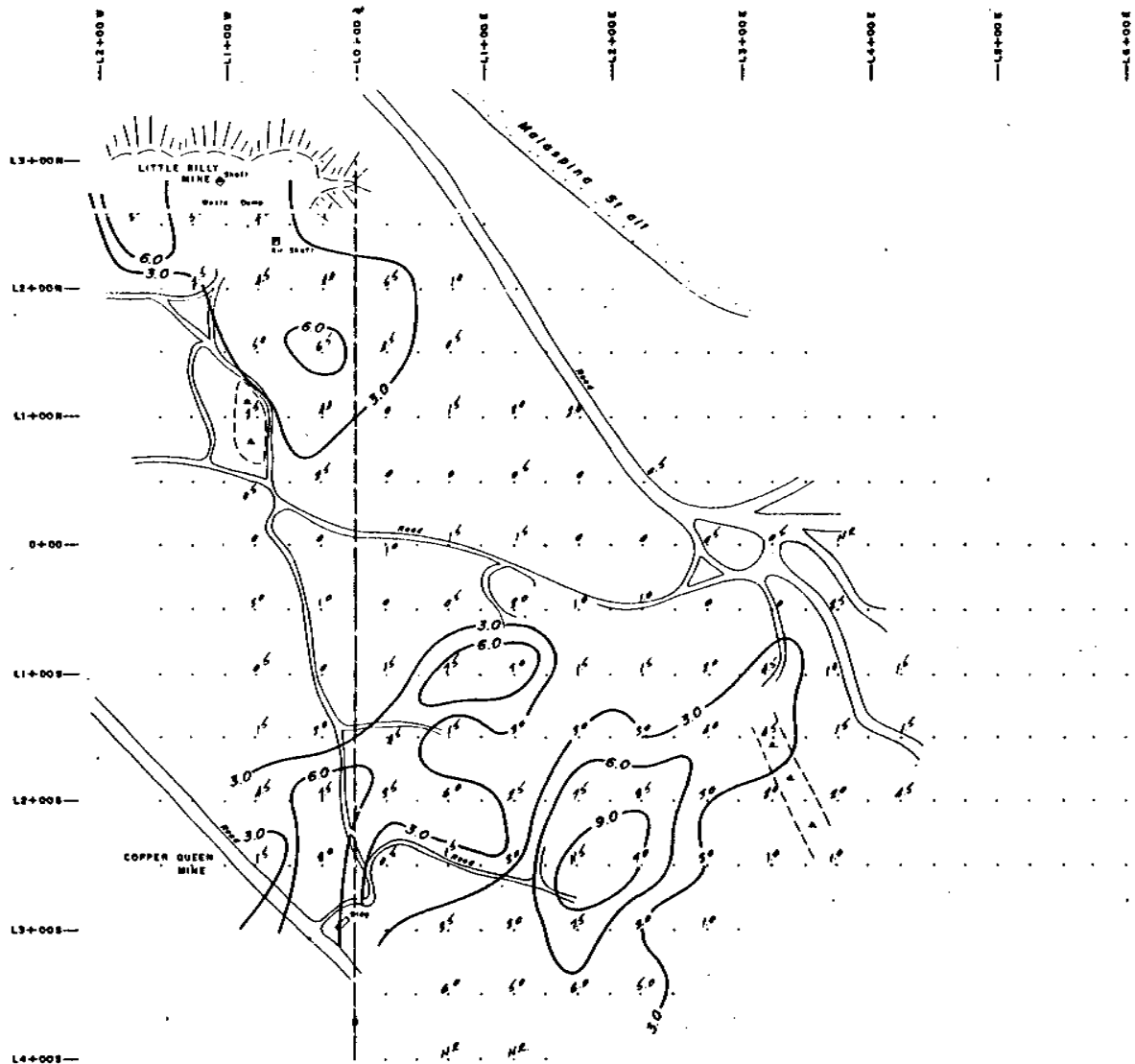
N.T.S. 92 F/10E & 15E

SHIMA RESOURCES LTD.
 - BASIC ELEVEN AREA -
 NANAIMO MINING DIVISION - BRITISH COLUMBIA

PFE MAP
 CONTOUR INTERVAL: 3.0, 6.0 Percent

TO ACCOMPANY REPORT TITLED:
 GRAVITY, IP, MAGNETIC & EM SURVEY
 BASIC ELEVEN AREA
 BY: C.A. AGER PhD, P.Eng.
 & M.G. BERRERA M.Sc.
 DATED: MAY, 1979 PROJECT: SHIMA

C.A. AGER & ASSOC. SURREY B.C. CANADA	DWN BY: T.M. CHK BY: DATE: MAY, 1979	FIG. NO. 7b
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INSTRUMENT - JADRE MARK 2
 DIPOLE - DIPOLE 4 x 50 m
 R = 1
 0.3 - 10 Hz



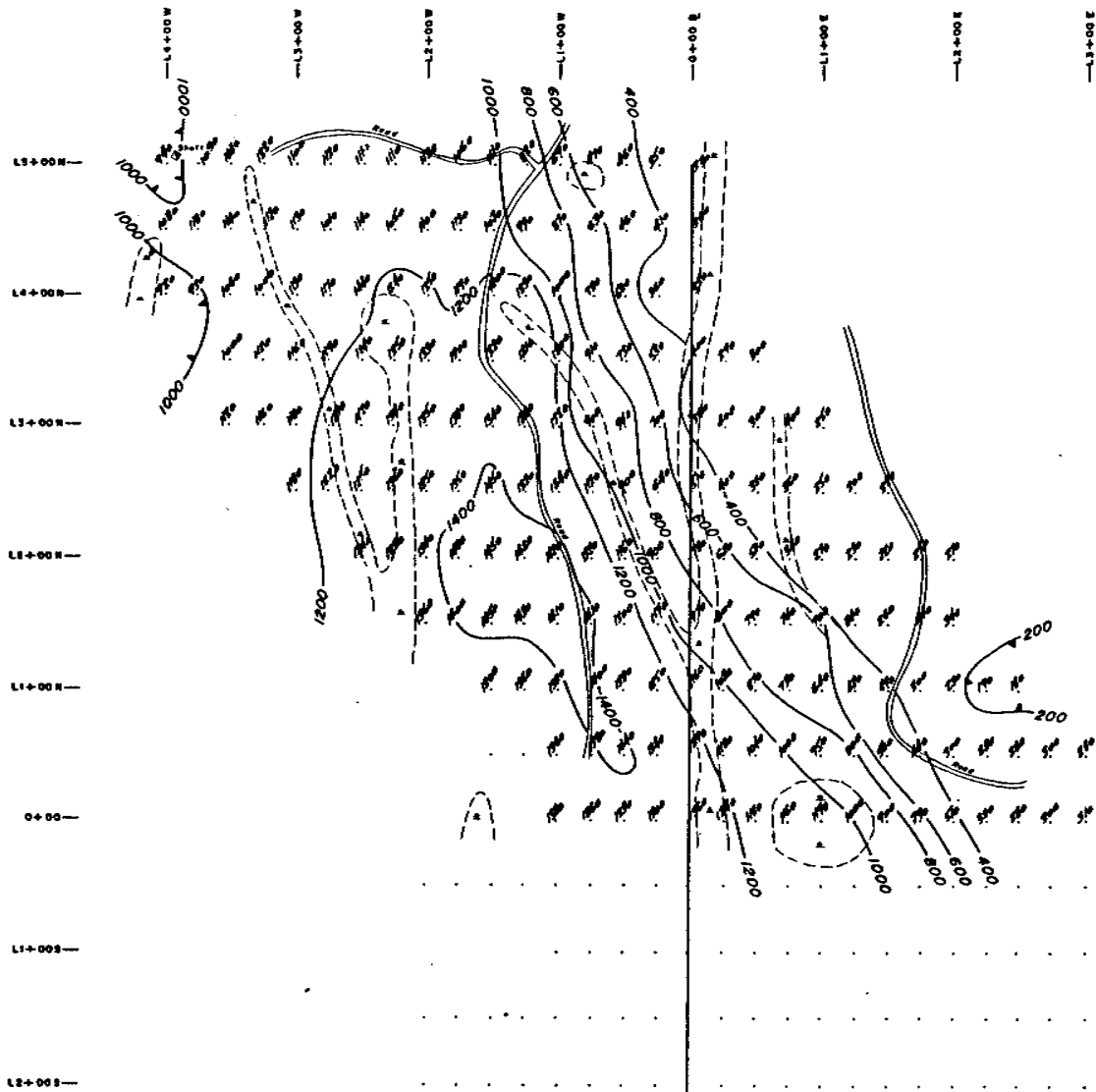
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 -LITTLE BILLY AREA-
 NANAIMO MINING DIVISION - BRITISH COLUMBIA

PFE MAP
 CONTOUR INTERVAL - 3.0, 6.0, 9.0 Percent

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 LITTLE BILLY AREA
 BY C.A. AGER P.Eng.
 & M.G. BERRETA M.Sc.
 DATED: MAY, 1979 PROJECT: SHIMA

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80cm



INSTRUMENT: SCINTREX MF-1 FLUXGATE
(Relative Vertical Field)



N.T.S. 92 F/10E 8 15E
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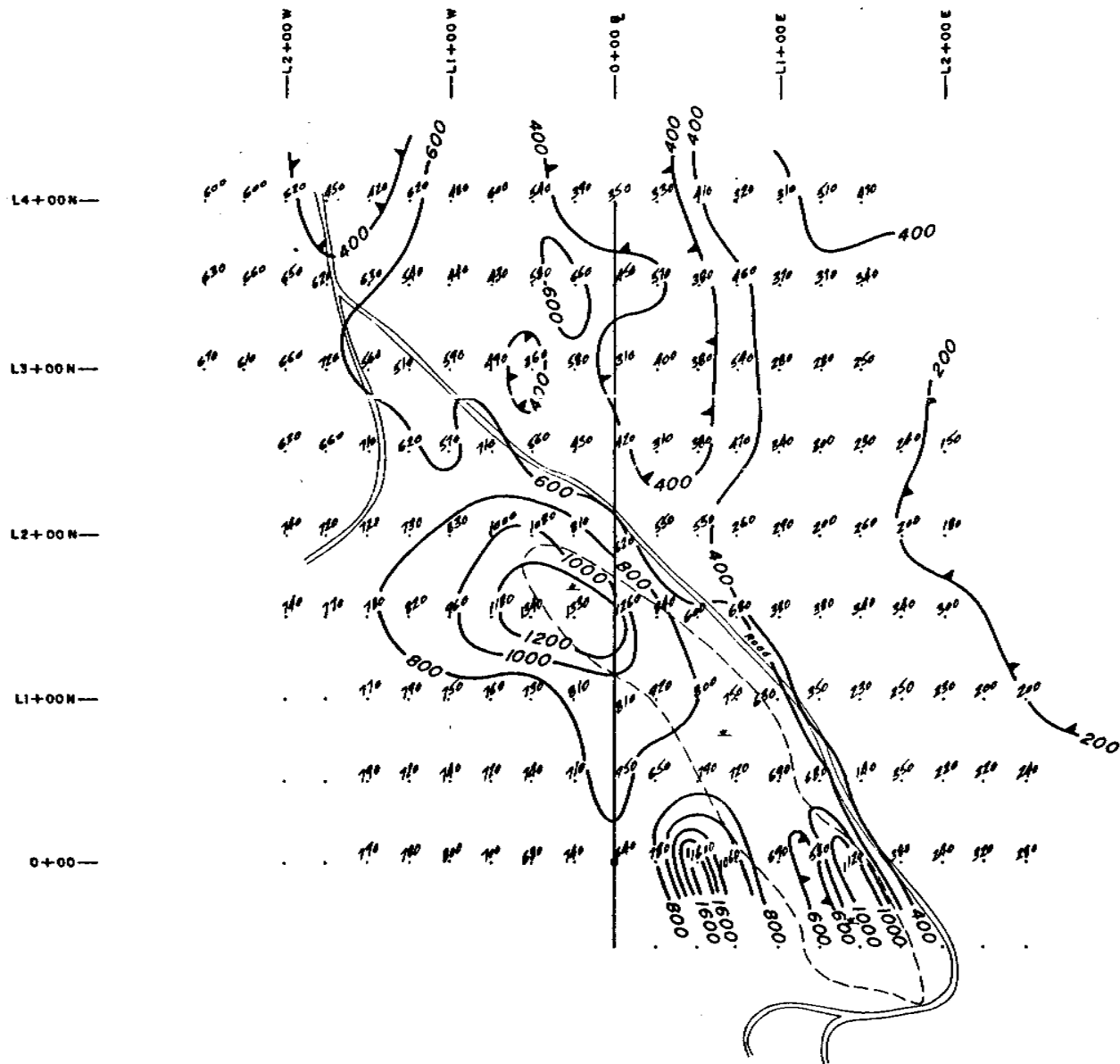
MAGNETIC MAP
 CONTOUR INTERVAL: 200 GAMMAS



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C. A. AGER & ASSOC. DWN BY: T.M.
 SURREY B.C. CANADA CHK BY: DATE: MAY, 1979

FIG. NO.
 6c



INSTRUMENT: SCINTREX MF-1 FLUXGATE
(Relative Vertical Field)



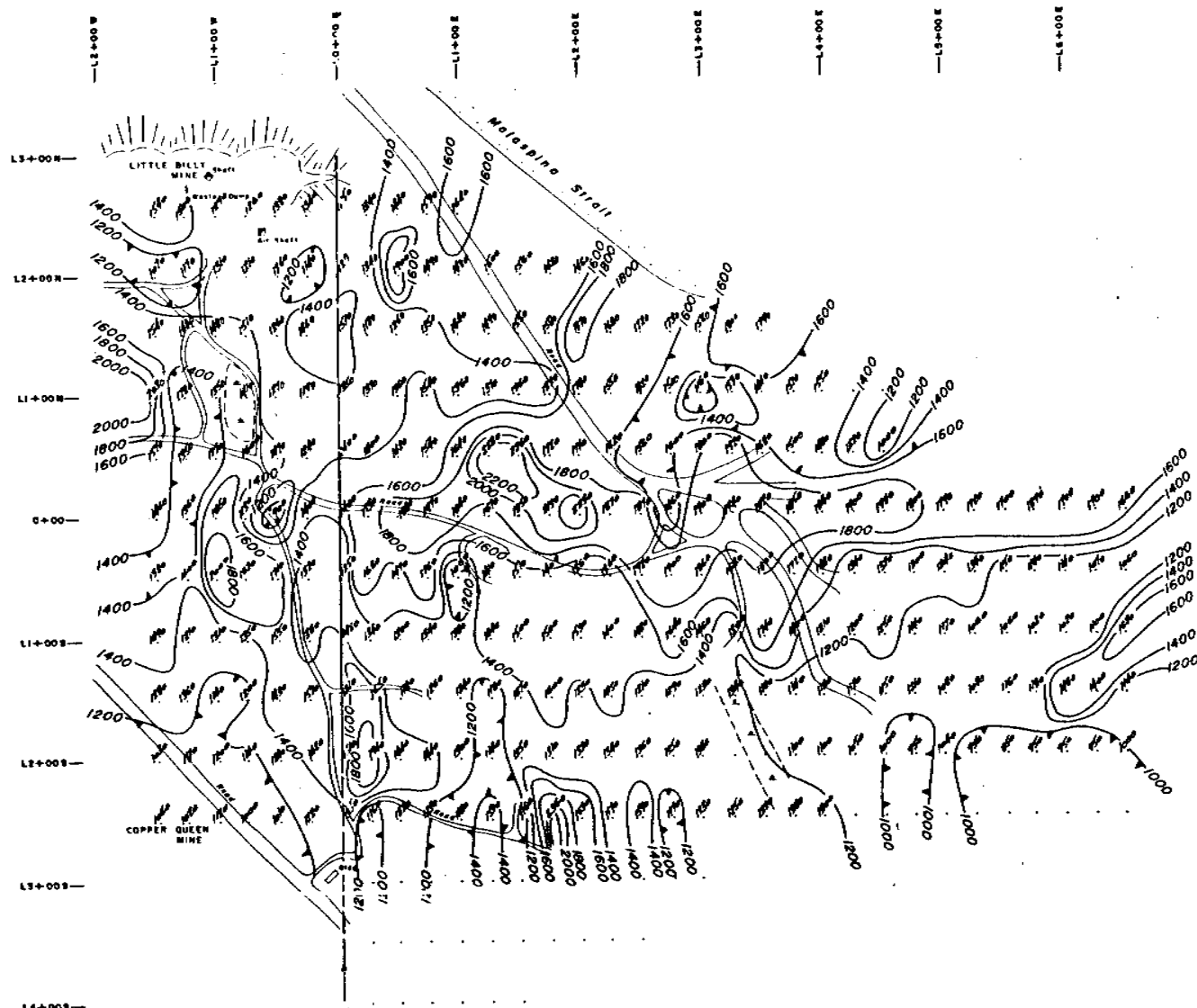
N.T.S. 92 F/10E & 15E

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MAGNETIC MAP
CONTOUR INTERVAL: 200 GAMMAS

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C.A. AGER & ASSOC. SURREY B.C. CANADA	DWN BY: TM	FIG. NO. 6b
	CHK BY: DATE: MAY, 1979	



INSTRUMENT - SCINTREX MF-3 FLUXGATE
(Relative Vertical Field)

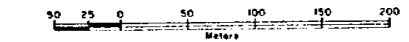
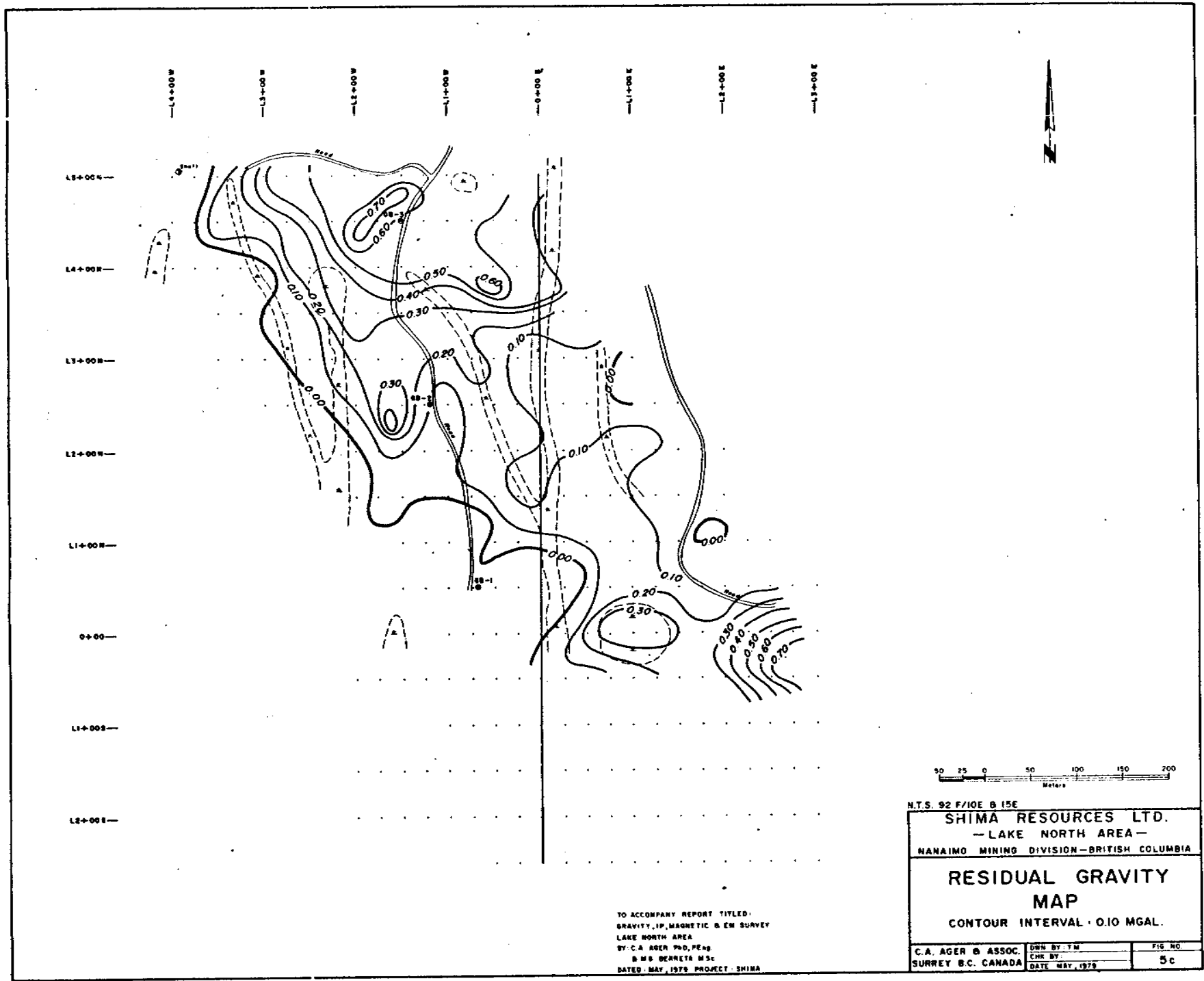


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MAGNETIC MAP
 CONTOUR INTERVAL - 200 GAMMAS

TO ACCOMPANY REPORT TITLED:
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 LITTLE BILLY AREA
 BY C.A. AGER P.G.O., P.E.N.
 & M.G. WERRETA M.S.C.
 DATED MAY, 1979. PROJECT SHIMA

C.A. AGER & ASSOC. SURREY B.C. CANADA	DWN BY T.M. CHK BY DATE MAY, 1979	FIG. NO. 60
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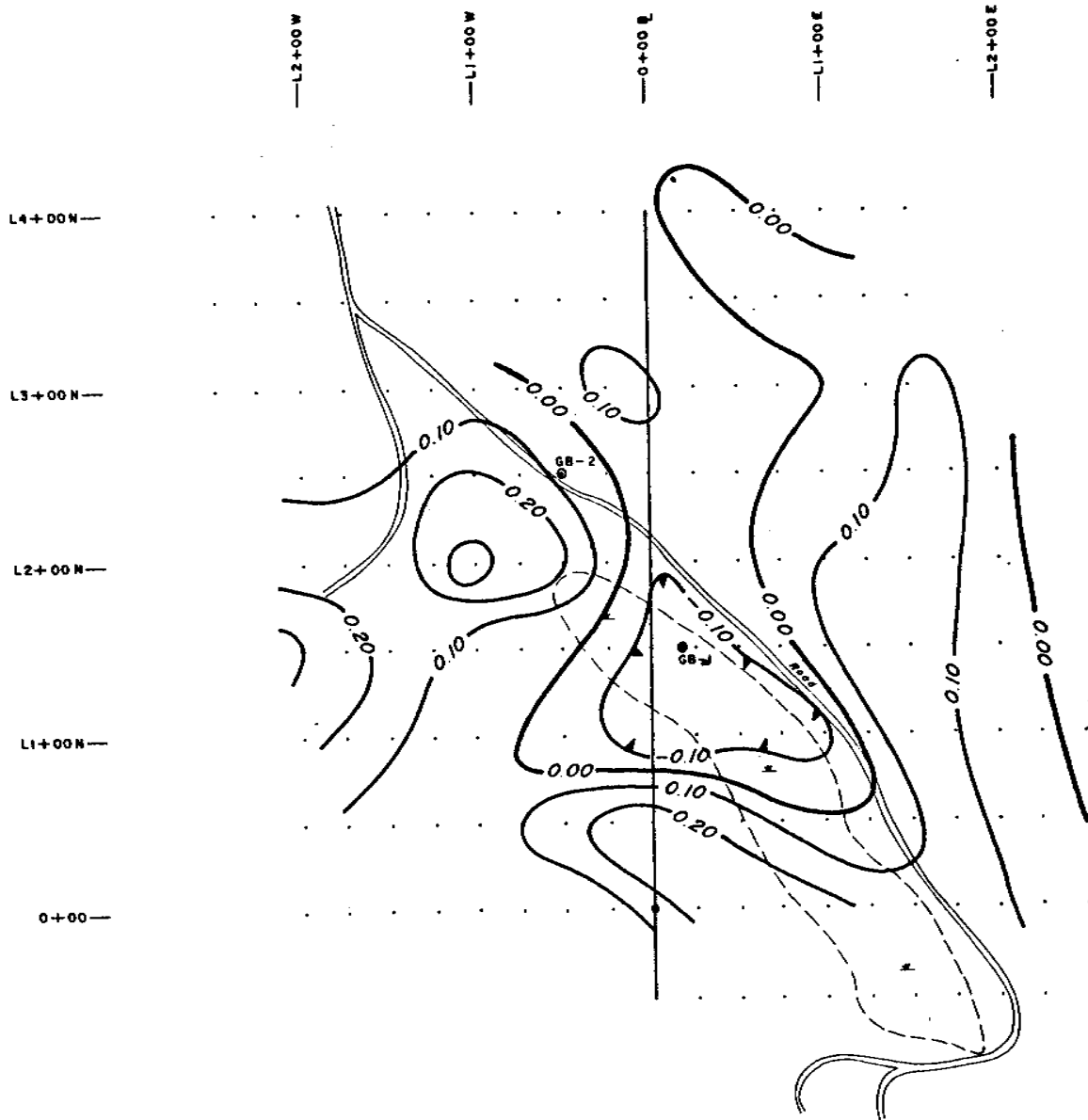


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 NANAIMO MINING DIVISION — BRITISH COLUMBIA

**RESIDUAL GRAVITY
 MAP**
 CONTOUR INTERVAL · 0.10 MGAL.

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 LAKE NORTH AREA
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C.A. AGER & ASSOC. SURREY B.C. CANADA	DRW BY: Y.M.	FIG. NO. 5c
	CHK BY: DATE: MAY, 1979	



N.T.S. 92 F/10E & 15E

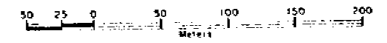
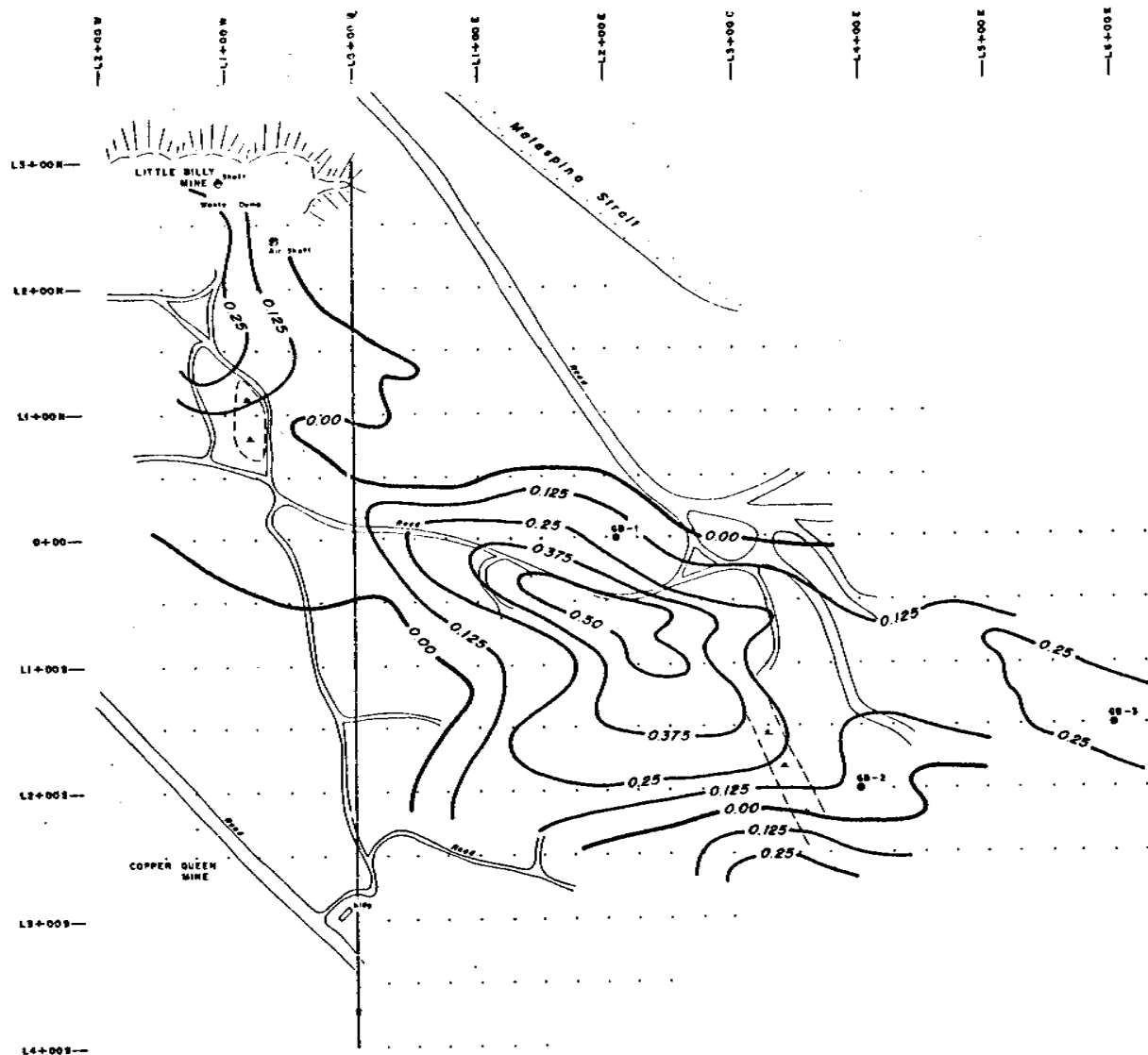
SHIMA RESOURCES LTD.
 — BASIC ELEVEN AREA —
 NANAIMO MINING DIVISION — BRITISH COLUMBIA

**RESIDUAL GRAVITY
 MAP**

CONTOUR INTERVAL • 0.10 MGAL.

C.A. AGER & ASSOC. SURREY B.C. CANADA	DWN BY: TM	FIG. NO. 5b
	CHK BY: DATE: MAY, 1979	

TO ACCOMPANY REPORT TITLED:
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 & M.G. BERRETA M.Sc.
 DATED: MAY, 1979 PROJECT: SHIMA

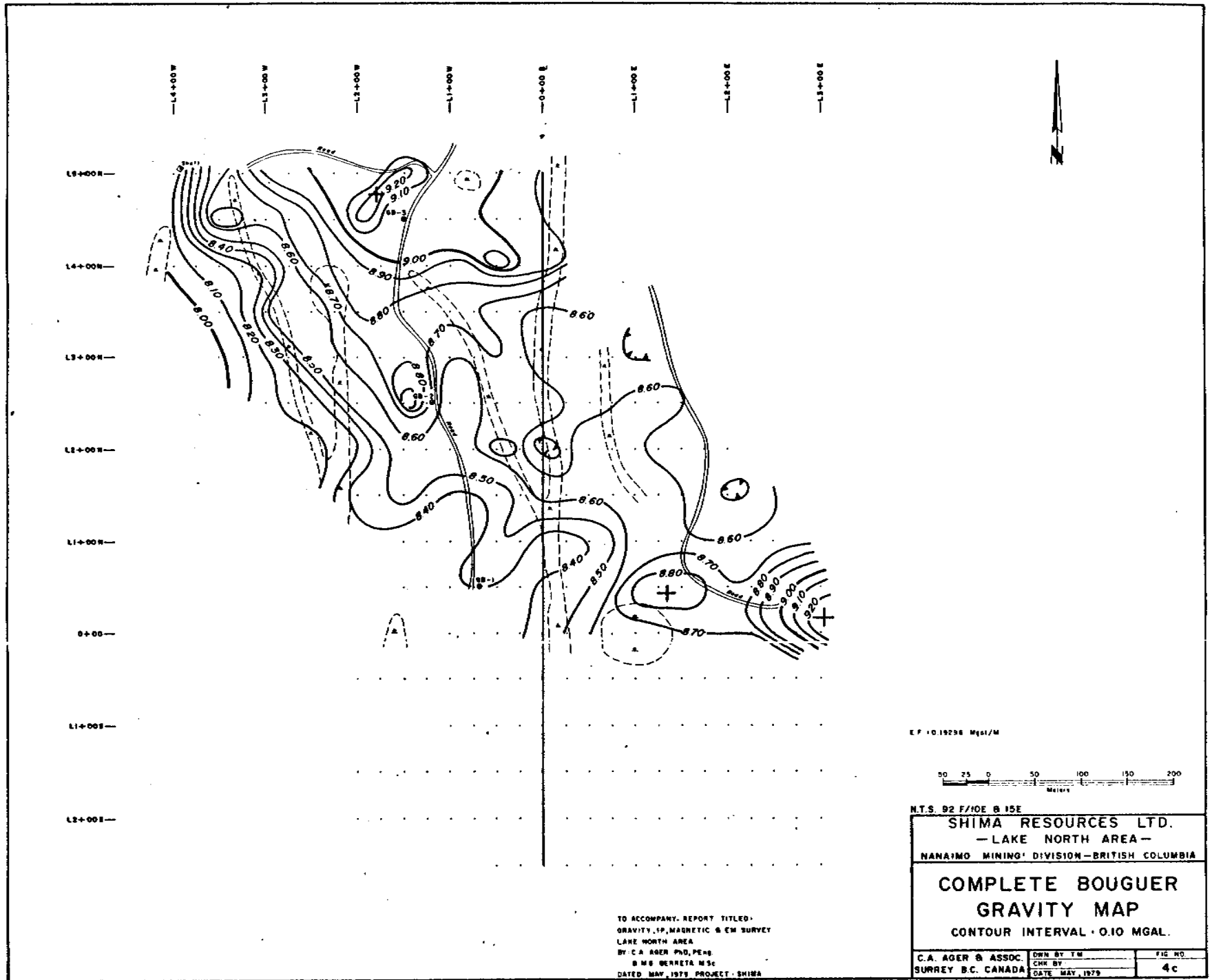


N.T.S. 92 F/10E B 15E
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**RESIDUAL GRAVITY
 MAP**
 CONTOUR INTERVAL 0.125 MGAL.

TO ACCOMPANY REPORT TITLED:
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 LITTLE BILLY AREA
 BY: C.A. AGER PhD, PEng
 & M.G. BERRETA MSc
 DATED: MAY, 1979 PROJECT: SHIMA

C.A. AGER & ASSOC. SURREY B.C. CANADA	DRAWN BY: TM	FIG. NO. 50
	CHEK BY: DATE: MAY, 1979	



L6+00N
L4+00N
L3+00N
L2+00N
L1+00N
0+00
L1+00E
L2+00E

A00+91
A00+81
A00+71
A00+61
300+0
300+1
300+81
300+91

EF 10.10236 Mgals/M

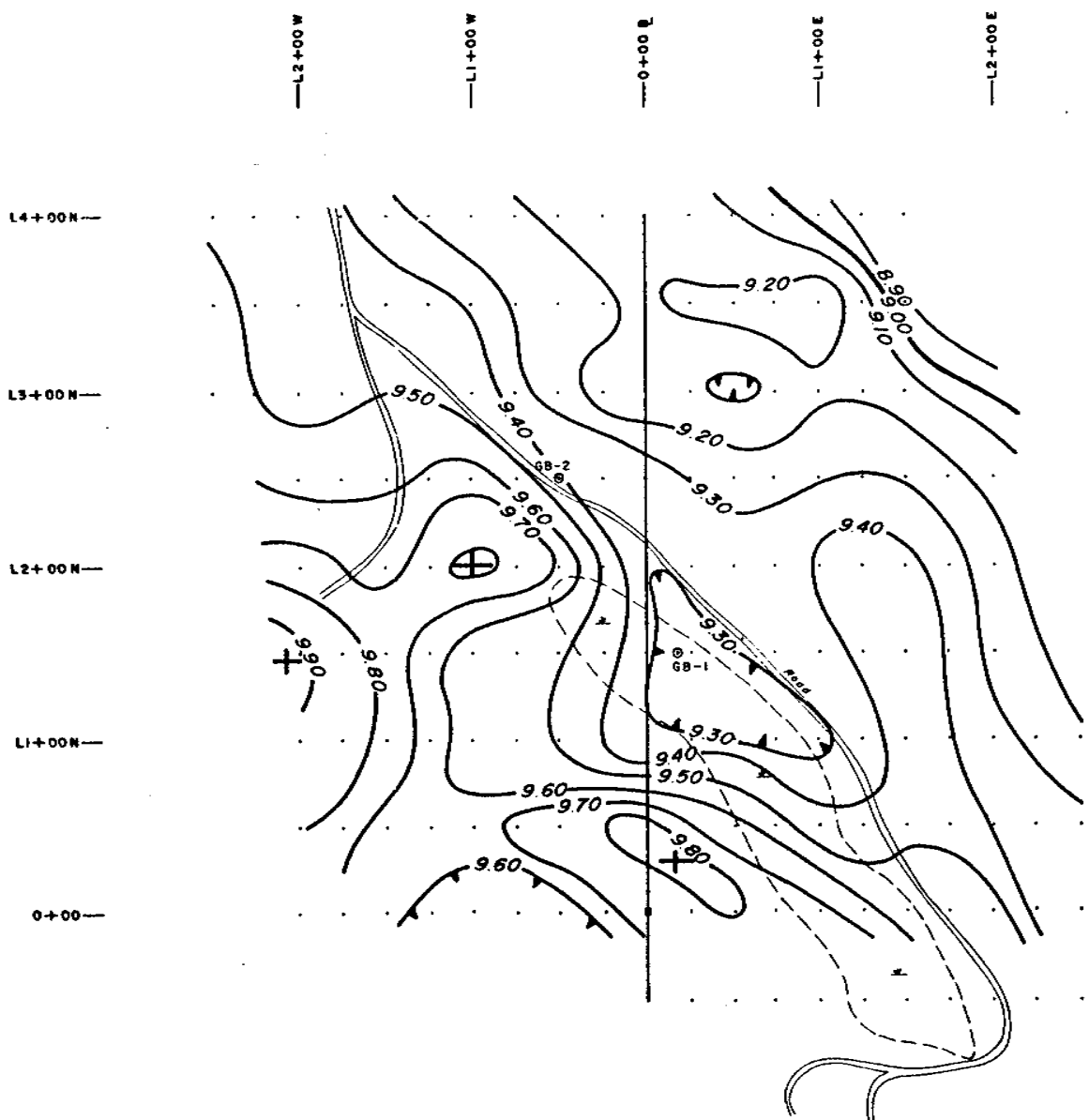


N.T.S. B2 F/10E & 15E
SHIMA RESOURCES LTD.
- LAKE NORTH AREA -
NANAIMO MINING DIVISION - BRITISH COLUMBIA

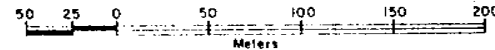
COMPLETE BOUGUER
GRAVITY MAP
CONTOUR INTERVAL 0.10 MGAL.

TO ACCOMPANY REPORT TITLED
GRAVITY, SP, MAGNETIC & EM SURVEY
LAKE NORTH AREA
BY C.A. AGER PH.D., P.E.S.
& M.S. BARRERA M.Sc.
DATED MAY, 1979 PROJECT SHIMA

C.A. AGER & ASSOC. SURREY B.C. CANADA	DWN BY TM CHK BY	FIG NO. 4c
	DATE MAY, 1979	



E.F. : 0.19296 Mgol/M



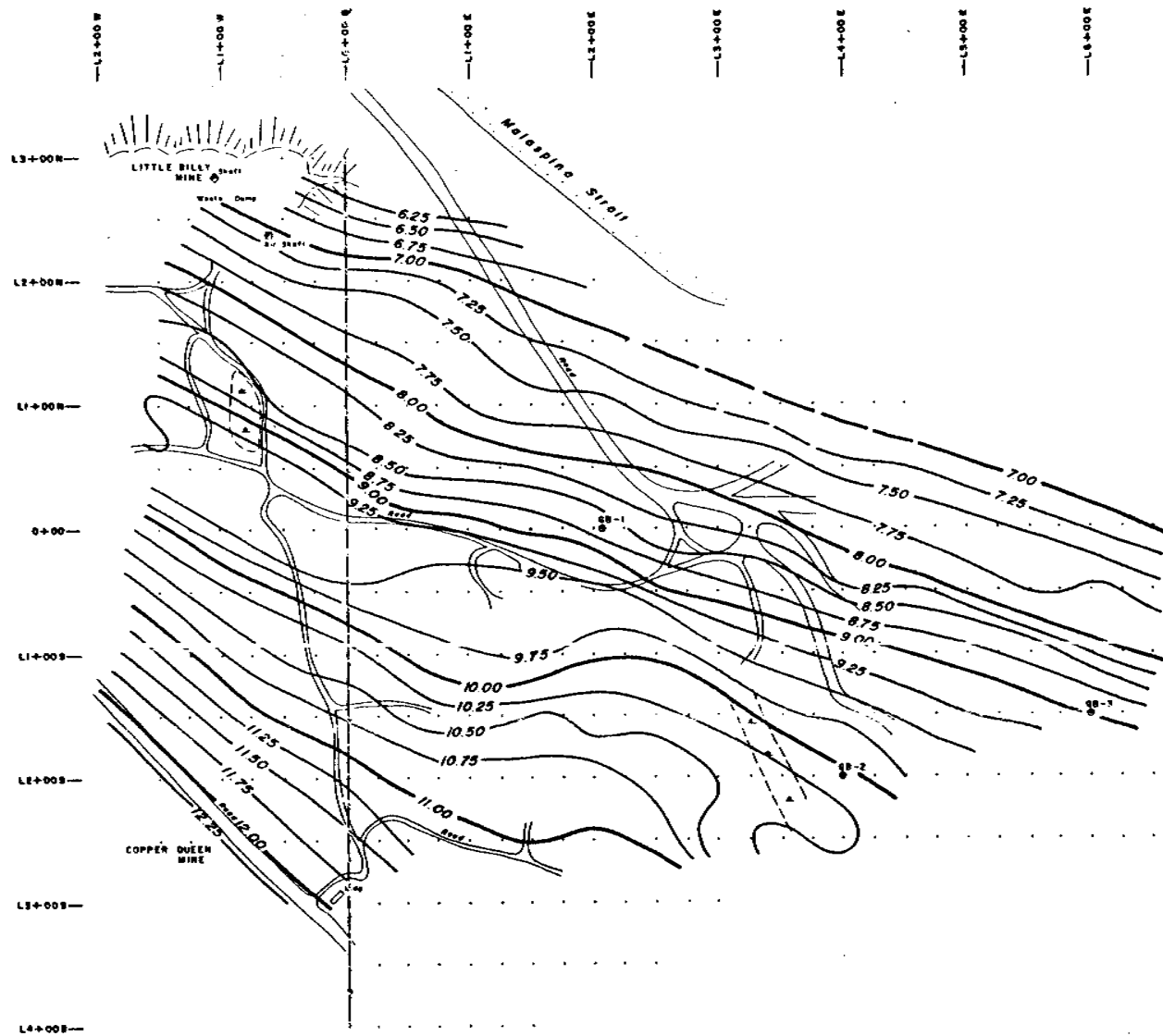
N.T.S. 92 F/10E & 15E

SHIMA RESOURCES LTD.
 — BASIC ELEVEN AREA —
 NANAIMO MINING DIVISION — BRITISH COLUMBIA

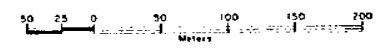
COMPLETE BOUGUER
 GRAVITY MAP
 CONTOUR INTERVAL : 0.10 MGAL.

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 BASIC ELEVEN AREA
 BY: C.A. AGER PhD, P.Eng.
 & M.G. BERRETA M.Sc.
 DATED: MAY, 1979 PROJECT: SHIMA

C.A. AGER & ASSOC. SURREY B.C. CANADA	DWN BY: T.M.	FIG. NO.
	CHK BY:	4b
DATE: MAY, 1979		



E F + 0.19296 Mgals/M

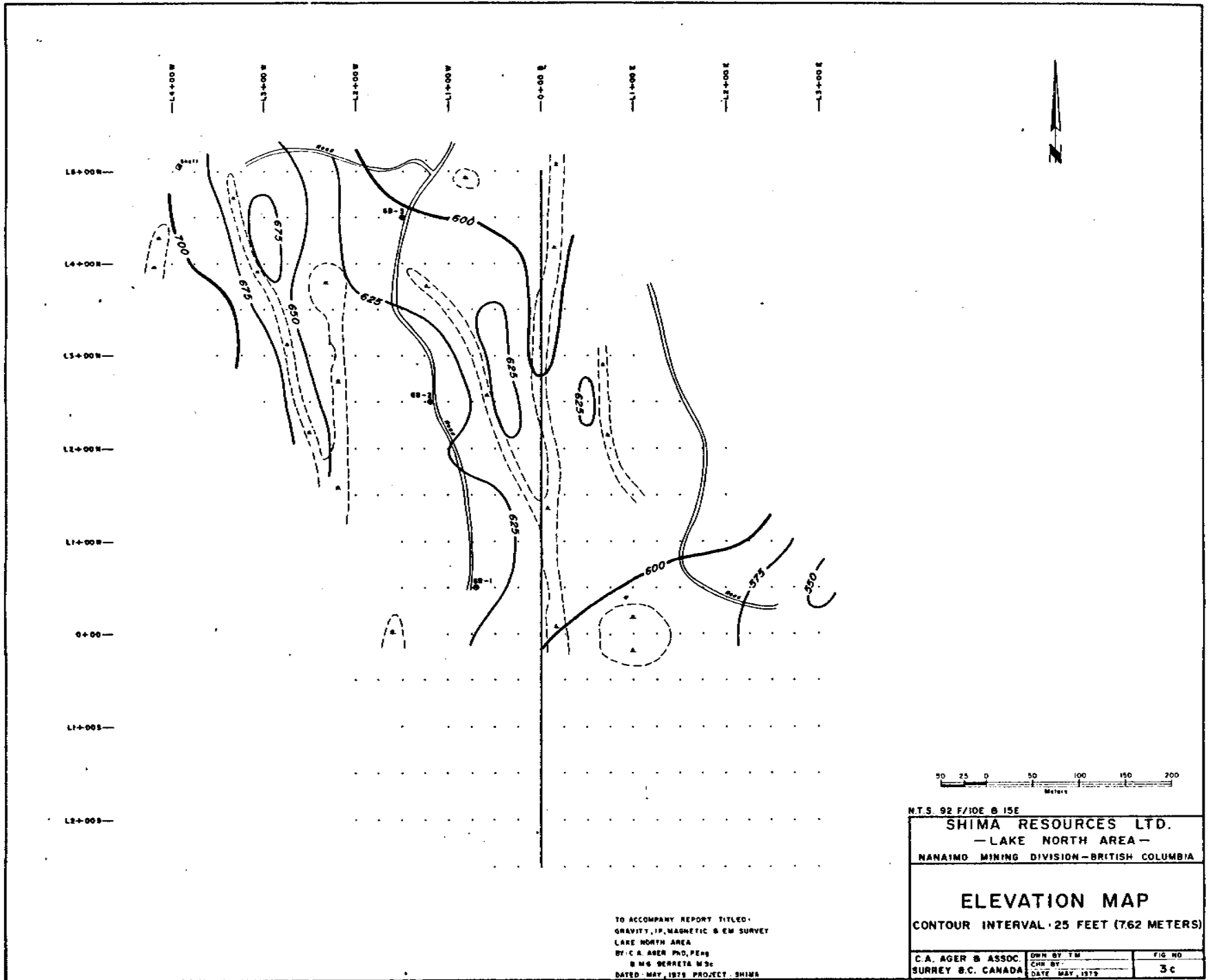


N.T.S. 92 F/10E B 15E
SHIMA RESOURCES LTD.
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**COMPLETE BOUGUER
 GRAVITY MAP**
 CONTOUR INTERVAL - 0.25 MGAL.

TO ACCOMPANY REPORT TITLED:
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 LITTLE BILLY AREA
 BY C. A. AGER PAD, P.E. & S.
 & W. BERNETA M.S.C.
 DATED: MAY, 1979 PROJECT SHIMA

C. A. AGER & ASSOC. SURREY B.C. CANADA	OWN BY T.M. CHK BY DATE: MAY, 1979	FIG NO 40
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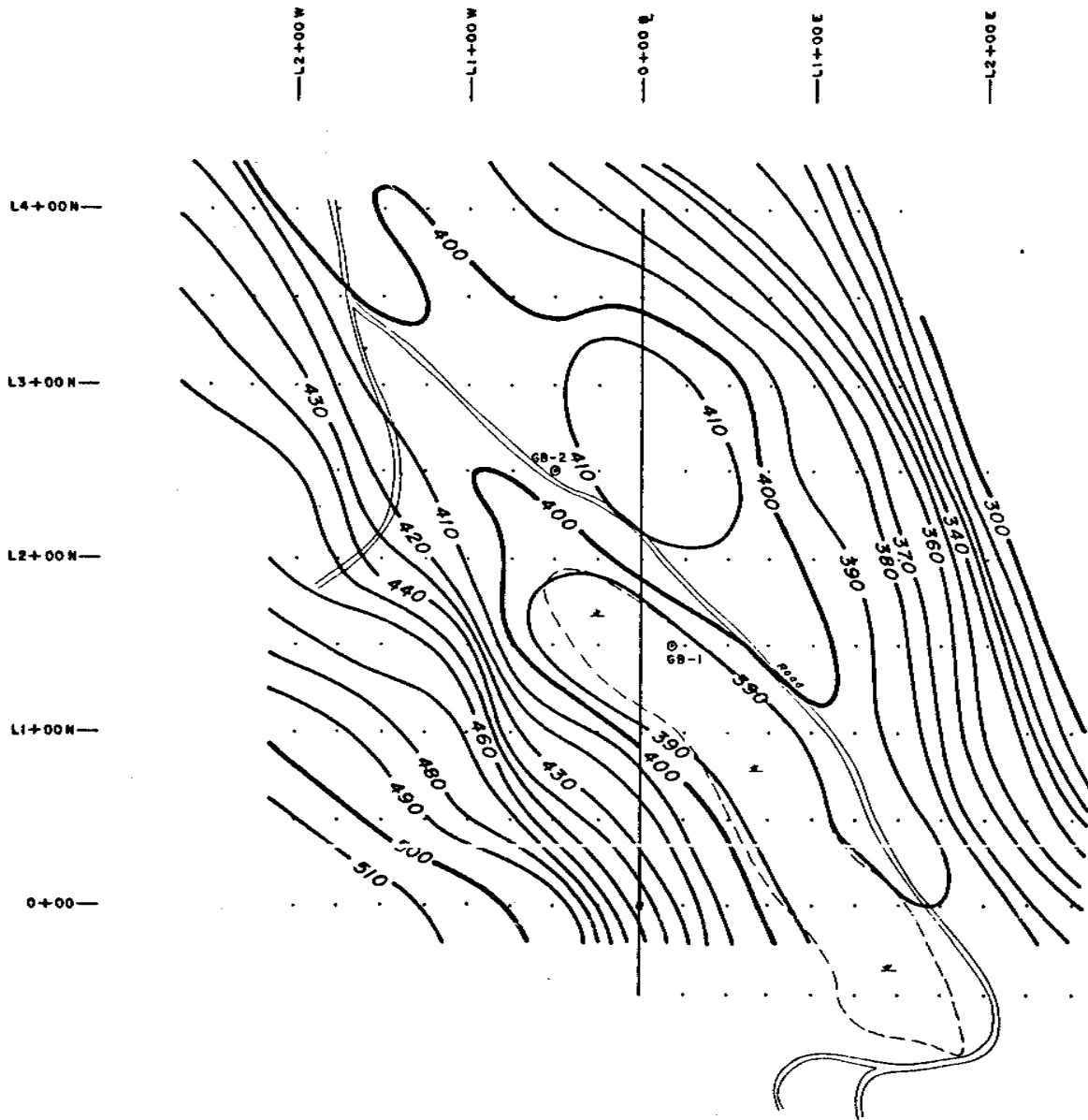


NTS. 92 F/10E @ 1:50
SHIMA RESOURCES LTD.
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ELEVATION MAP
 CONTOUR INTERVAL 25 FEET (7.62 METERS)

C.A. AGER & ASSOC. SURREY B.C. CANADA	OWN BY TM CHK BY DATE MAY, 1979	FIG NO 3c
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 LAKE NORTH AREA
 BY: C. A. AGER PH.D., P. Eng.
 B. M. S. BERRAETA M.Sc.
 DATED: MAY, 1979. PROJECT: SHIMA



N.T.S. 92 F/10E & 15E

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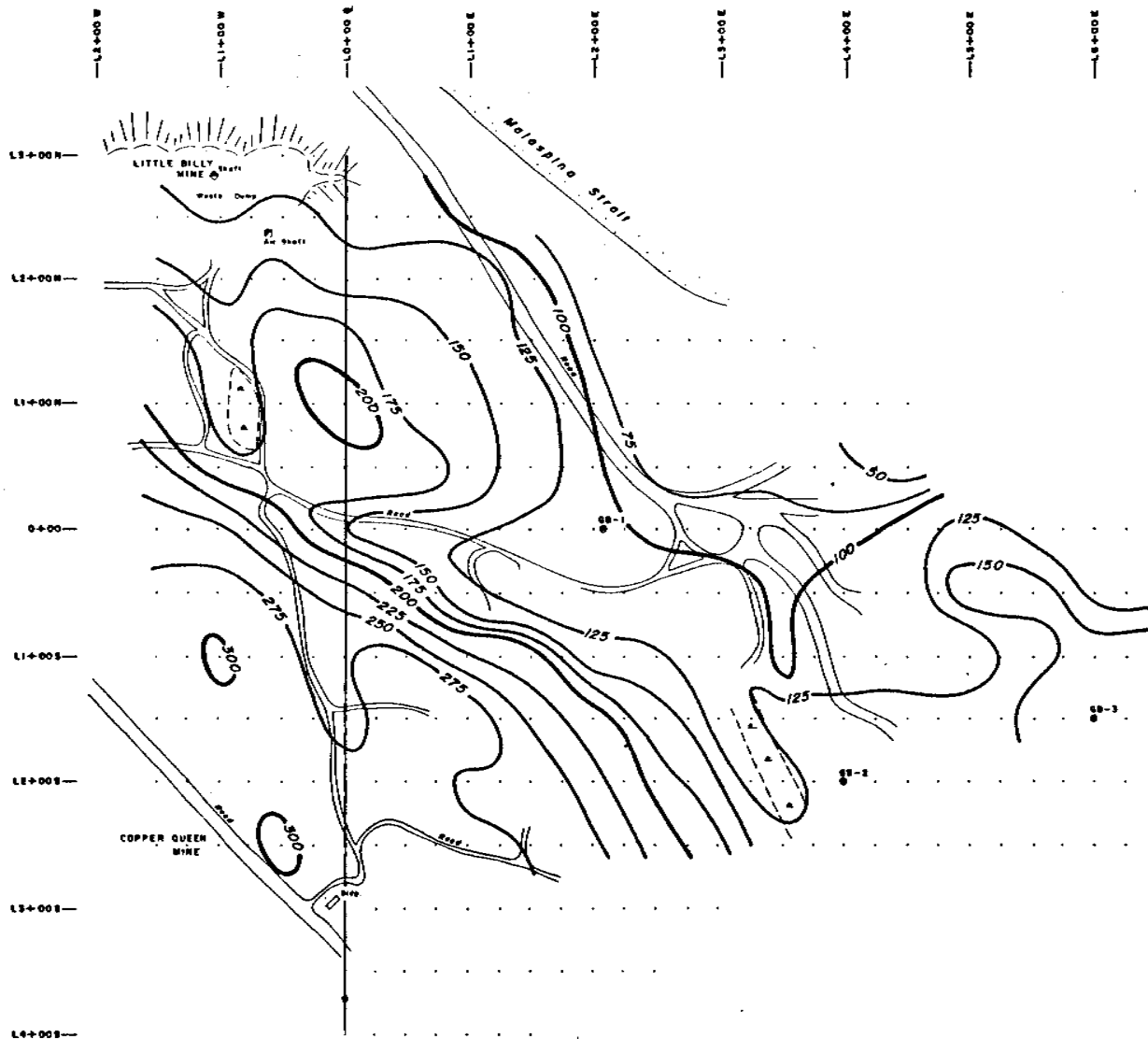
ELEVATION MAP
 CONTOUR INTERVAL 10 FEET (3 METERS)

TO ACCOMPANY REPORT TITLED:
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 BASIC ELEVEN AREA
 BY: C.A. AGER PH.D., P.E. &
 B.M.G. BERRETA M.Sc.
 DATED: MAY, 1979 PROJECT: SHIMA

C.A. AGER & ASSOC.
 SURREY B.C. CANADA

DWN BY: T.M.
 CHK BY:
 DATE: MAY, 1979

FIG. NO.
 3b



NTS. 92 F/10E & 15E

SHIMA RESOURCES LTD.
 -LITTLE BILLY AREA-
 NANAIMO MINING DIVISION-BRITISH COLUMBIA

ELEVATION MAP
 CONTOUR INTERVAL 25 FEET (7.62 METERS)

C.A. AGER & ASSOC. SURREY B.C. CANADA	DWN BY T.M.	FIG. NO. 30
	CHK BY	
	DATE MAY, 1979	

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 LITTLE BILLY AREA
 BY C.A. AGER P.D., P.E.N.C.
 & M.G. DEARRETT M.S.C.
 DATED MAY, 1979 PROJECT SHIMA