

82-405-10453 6

Geophysical - Geochemical
Report
QUINTO MINING CORPORATION

PS, Tomken, Ken & Snoball claims

Marshall Ridge Project - PSL4 Group

Carpenter Lake Area, Lillooet M.D.

NTS 92 J/15E & 16W

Lat. $50^{\circ}52'N$, Long. $122^{\circ}31'W$

AUTHOR: Glen E. White, B. Sc., P. Eng.

DATE OF WORK: July 31 - Oct. 31/81

DATE OF REPORT: November 23, 1981

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT

10,453
NO

Glen E. White

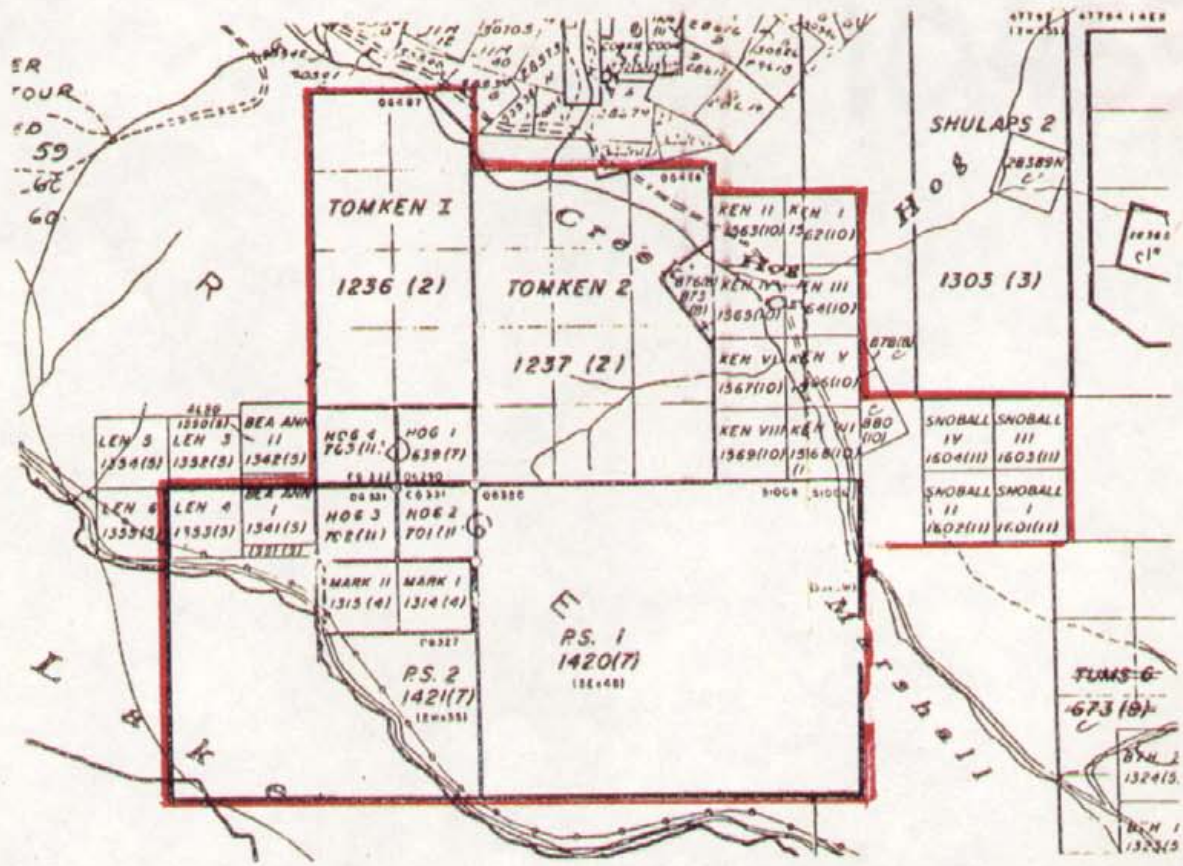
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TABLE OF CONTENTS

	<u>Page</u>
Introduction	1
Property	1
Location & Access	1-2
General Geology	2
Survey Grids	3
Geochemical Survey	3
Magnetometer Survey	3-4
Electromagnetometer Survey	4
Discussion of Results	4-6
Conclusion & Recommendations	7
Instrument Specifications:	
Magnetometer	8
Electromagnetometer	9
Statement of Qualifications	10
Cost Breakdown	11

ILLUSTRATIONS

Figure 1	Location and claims map
Figure 2	Grid location map
Figures 3-9	Grid Q-1
Figures 10-16	Grid Q-2
Figures 17-23	Grid Q-3
Figures 24-30	Grid Q-4



QUINTO MINING CORPORATION
MARSHALL RIDGE PROJECT
LOCATION AND CLAIMS MAP

Gen. E. White
 geophysical consulting
 &
 resources ltd.

INTRODUCTION

This report describes a program of line cutting, soil sampling, ground magnetometer and VLF electromagnetometer surveying on the Marshall Ridge project of Quinto Mining Corporation. The surveys were conducted as a ground follow up program to an airborne magnetometer - VLF electromagnetometer survey conducted by Western Geophysical Aero Data Ltd. and described in a report dated July 2, 1981.

This survey examined four areas of interest as illustrated on Figure 2. The work was completed during the period July 31 - Aug. 18/81 by Glen E. White Geophysical Consulting & Services Ltd.

PROPERTY

The property consists of 72 contiguous units as described below and illustrated on Figure 1.

<u>Claim Name</u>	<u>Record Number</u>
PS I-II incl.	1421, 1420
Tomken I-II incl.	1236, 1237
Ken 1-8 incl.	1562, 1569
Snoball	

LOCATION AND ACCESS

The claims are located approximately 50 km northwest of Lillooet, along Marshall Ridge which is bordered to the north by Marshall Creek and to the south by Carpenter Lake. The geographic center of the claims area is approximately latitude 50°52'N and longitude 122°31'W which lies in the Lillooet Mining Division of B.C. and N.T.S. 92 J/15E and 92 J/16W. (Figure 1)

Direct access to the property from Lillooet is via the Bridge River highway which runs along the northern shore of Carpenter Lake. The Marshall Creek road and several logging roads provide access to various areas within the claim group.

GENERAL GEOLOGY

During the early part of the century a number of exploration tunnels were driven on narrow veins with high gold-silver values on Marshall Ridge. A preliminary evaluation report written by J.P. Elwell P.Eng. on behalf of Quinto Mining Corporation describes the general geology of the area as follows:

"G.S.C. Map 92/J shows the claim area to be entirely underlain by the Bridge River (Ferguson) group of Triassic or older age consisting of a varied assemblage of greenstone, basalt, chert, argillite, phyllite and minor limestone which have been intruded in places by serpentized ultra basic rocks. The rocks are highly contorted and altered and are cut by strong faults, some of which are filled with quartz calcite veins carrying sulphide mineralization and variable gold-silver values.

There are a number of known mineral occurrences in the Ferguson rocks, the most notable of which is probably the Minto mine which was a successful gold and sulphide mineral producer for a number of years, the mineralization occurring in a quartz-calcite fissure vein. Other mineral occurrences which are, or have been under active exploration are the Peerless property, containing fissure veins with gold, silver, lead and zinc; a large disseminated zone of pyrite, chalcopyrite, and sphalerite occurring on the Wayside property of Carpenter Lake Resources; and the Dauntless prospect, which consists of a quartz vein in argillite carrying variable gold values."

SURVEY GRIDS

Survey Grids Q-1, 2, and 3 were cut with a north south baseline controlling east-west lines. The lines are spaced 100 m apart with stations at 25 m intervals. Grid Q-4 has its baseline orientated N40°W. Soil samples, magnetometer and electromagnetometer readings were obtained at 25 m intervals. The amount of grid work completed is as follows:

Q-1	-	4.2 km
Q-2	-	3.4 km
Q-3	-	3.3 km
Q-4	-	14.2 km

GEOCHEMICAL SURVEY

Soil samples of the upper "B" horizon were taken along the traverse lines at 25 m intervals. The soil samples were then placed in soil envelopes provided by Chemex Labs Ltd. of North Vancouver, B.C. The samples were delivered to the above lab where -80 mesh sieving, digestion by hot perchloricnitric acid and analysis by atomic absorption were carried out under the supervision of professional geochemists. 956 samples were obtained and analysed for ppm copper, lead, silver and zinc.

MAGNETOMETER SURVEY

The magnetometer survey was conducted using a scintrex MF-2 Fluxgate magnetometer. This instrument measures the vertical component of the earth's magnetic field to an accuracy of 10 gammas. Corrections for diurnal variation were made by tying into previously established base stations at intervals not exceeding one and one half hours.

Readings were taken at 25 meter intervals along the traverse lines.

VLF ELECTROMAGNETOMETER SURVEY

This survey was conducted using a Geonics EM-16 VLF Electromagnetometer. This instrument acts as a receiver only. It utilizes the primary electromagnetic fields generated by VLF marine communication stations. These stations operate at a frequency between 15-25 KHZ, and have a vertical antenna-current resulting in a horizontal primary field. Thus, this VLF-EM measures the dip-angle of the secondary field induced in a conductor.

For maximum coupling, a transmitter station located in the same direction as the geological strike should be selected, since the direction of the horizontal electromagnetic field is perpendicular to the direction of the transmitting station.

DISCUSSION OF RESULTS

Grid Q-1 was undertaken to detail airborne magnetic-electromagnetic data where a northwest nose of a magnetic high is intersected by a broad electromagnetic conductive response. This same feature is outlined by the ground geophysical data as illustrated on Figures 3, 4 and 5. The EM data would suggest a northerly trending fault which intersects a zone of magnetite bearing rocks, possibly an ultramafic intrusion. The copper, silver and zinc geochemical data do not show any anomalous trends. However the gold values show a pronounced two line anomaly which is situated just down slope of the EM indicated fault zone. Thus the

gold values may possibly be coming from a quartz vein associated with a major zone of weakness. The samples should be re-ran for mercury to see if this will assist in locating the source of the gold.

Grid Q-2 This grid occurs on the road up to the old tunnels and was completed to detail a weak airborne EM response and a high frequency magnetic anomaly. The ground VLF-EM survey, Figure 10 did not detect any strong responses. A very weak one occurs on line 0N - 100E directly on a small magnetic high. A second magnetic high was detected along the road on 200N however the EM response is very slight. These magnetic highs would appear to reflect small pods of primary magnetite. The copper and silver geochemical responses are considered background whereas the gold shows several spotly highs and the zinc data a strong anomaly which gives a high of 505 ppm on line 600N above a background of some 40 ppm. This anomaly as a general southerly trend but does not appear to be associated with either high or low magnetic values. The zinc response should be followed northward.

Grid Q-3 A weak VLF-EM anomaly was detected which trends NNE-SSW across the survey grid. The area is flat magnetically and contains no indications of gold or silver mineralization. The zinc data Figure 23 correlates with the EM data in that it shows a contour pattern biased in the NNE-SSW direction. Thus both surveys may possibly be reflecting a slightly zinc bearing phyllite unit.

Grid Q-4 is in the area of the old workings. The zinc map Figure 29 shows strong responses of 300 to 900 ppm above a background of 75 ppm. The highest value was 6200 ppm in the area of the old workings. The zinc values suggest a zone which trends NW-SE across the survey grid. The zone

would appear to continue to the SE. To the NW a concentration of values occur on lines 400E and 500E give contour trends which are biased in a N-S direction. Here a cluster of high gold bearing soil samples were obtained which gave a high of 280 ppb and appear to reflect both the NW-SE and N-S trends. The silver map Figure 28 shows a strong silver soil anomaly at the head of the N-S trend. This anomaly gives four samples greater than 11 ppm silver. (One oz. of silver is some 34 ppm)

Thus the geochemical data show that the old mine workings are part of the NW-SE trend and contain only sparse values of gold and silver. Whereas at the intersection of the strong gold geochemical pattern and the N-S one is a strong gold geochemical anomaly. This N-S trend would appear to be related to the strong silver anomaly between lines 200E and 400E. The copper data gives a high of 350 ppm in the area of the old workings. This data also shows a weak anomaly which coincides with the pronounced low in the area of the old workings on line 900E. This likely reflects dark colored argillite-phyllite rocks. To the NW is a 50 to 100 gamma increase in magnetic intensity, this may possibly represent an increase in greenstone. The VLF-EM results show weak variations typical of structure and or lithology. The Frazer filter data shows low order contours which appear biased in the NW-SE and N-S directions. Thus the geochemical data may be associated with a complex fold structure and or mineralization associated with structure such as quartz-calcite veins in a fault or shear zone.

CONCLUSION AND RECOMMENDATIONS

During the summer of 1981 a program of geochemical and geophysical surveys were completed on the Marshall Ridge project of Quinto Mining Corporation. The surveys covered four separate grids to detail areas of interest delineated by an airborne magnetometer-electromagnetometer survey.

Grid Q-1 shows a good gold anomaly on an interpreted fault zone along the flank of a magnetic high. These samples should be re-ran for mercury to try and assist in locating a possible gold bearing quartz-calcite vein.

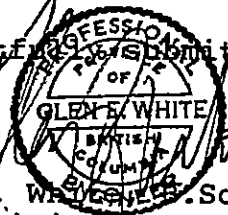
Q-2 shows weak spotly gold values and a strong zinc anomaly which would appear to be off the grid to the north.

Q-3 No further work is recommended.

Q-4 A strong zinc anomaly was detected which trends NW-SE through the old workings. This zone may possibly be related to a zinc enriched phyllite zone which includes small veinlets of quartz-calcite bearing gold-silver mineralization. This zone is intersected to the NW by a NS trending zone containing strong gold and silver geochemical values. This zone likely contains quartz-calcite veins bearing gold and silver mineralization. The soil samples from this area should be tested for mercury and lead to try and assist in locating the source of the geochemical anomalies.

Respectfully submitted,

Glen E. White, B.Sc., P.Eng.,
Geophysicist



A P P E N D I XInstrument SpecificationsMAGNETOMETERA. Instrument

- (a) Type - Fluxgate
- (b) Make - Scintrex MF-2

B. Specifications

- (a) Measurement - Vertical Magnetic Field
- (b) Range - \pm 100 K gammas in 5 ranges
- (c) Sensitivity - Maximum 20 gammas per scale division
- (d) Accuracy - \pm 10 gammas

C. Survey Procedures

- (a) Method - One and one half hour loops
- (b) Corrections - (i) Base
(ii) Diurnal
- (c) Station relationship - each station read for
intensity of vertical magnetic field.

A P P E N D I X

Instrument Specifications

ELECTROMAGNETOMETER

A. Instrument

- (a) Type - Geonics VLF - EM
- (b) Make - Ronka EM 16

B. Specifications

- Measurement -
- (i) Utilizes primary fields generated by VLF marine communication stations measures the vertical field components in terms of horizontal field present.
 - (ii) Frequency range 15-25 KHZ
 - (iii) Range of measurement - in phase $\pm 150\%$
or $\pm 90^\circ$
- quadrature
 $\pm 40\%$
 - (iv) Method of reading - null detection by earphone, real and quadrature from mechanical dials.
 - (v) Accuracy - $\pm 1\%$ resolution

C. Survey Procedures

- Method
- (a) Select closest VLF station perpendicular to traverse lines.
 - (b) In-phase dial measures degree of tilt from vertical position.
 - (c) Quadrature dial calibrated in percent - null.
 - (d) Station plot - plot values read at station surveyed.
 - (e) Manually filter dip-angle data.

STATEMENT OF QUALIFICATIONS

NAME: WHITE, Glen E., P. Eng.

PROFESSION: Geophysicist

EDUCATION: B.Sc. Geophysics - Geology
University of British Columbia

PROFESSIONAL ASSOCIATIONS: Registered Professional Engineer,
Province of British Columbia

Associate member of Society of Exploration Geophysicists.

Past President of B. C. Society of Mining Geophysicists.

EXPERIENCE: Pre-Graduate experience in Geology - Geochemistry -
Geophysics with Anaconda American Brass.

Two years Mining Geophysicist with Sulmac Exploration Ltd. and Airborne Geophysics with Spartan Air Services Ltd.

One year Mining Geophysicist and Technical Sales Manager in the Pacific north-west for W. P. McGill and Associates.

Two years Mining Geophysicist and supervisor Airborne and Ground Geophysical Divisions with Geo-X Surveys Ltd.

Two years Chief Geophysicist Tri-Con Exploration Surveys Ltd.

Ten years Consulting Geophysicist.

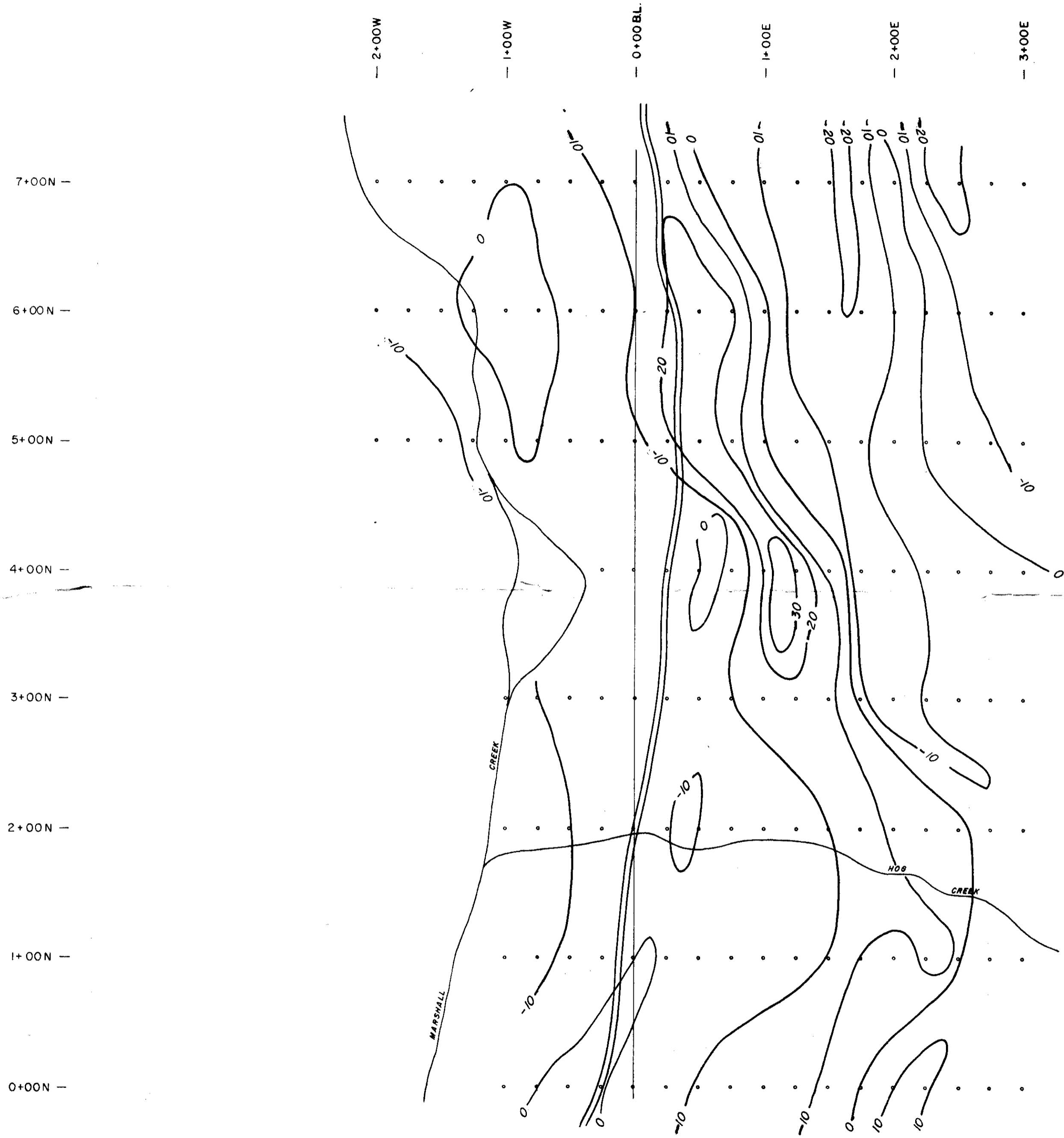
Active experience in all Geologic provinces of Canada.

Glen E. White

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COST BREAKDOWN

<u>PERSONNEL</u>	<u>DATE</u>	<u>WAGES</u>	<u>TOTAL</u>
B. Worrall	July 31 - Aug. 18/81	130	\$2,470.
O. Aarksjolf	July 31 - Aug. 18/81	125	\$2,375.
B. Crassweller	Oct. 13 - Oct. 31/81	115	\$2,185.
L. Kostyshin	Oct. 13 - Oct. 31/81	125	\$2,375.
Meals & Accomodations @ \$40/man.....			\$3,040.
Vehicle 4x4 all inclusive @ \$65			\$1,235.
Instrument lease			\$ 230.
Geochemical analysis			\$8,115.
Interpretation & reports			<u>\$ 950.</u>
Total			\$22,975.

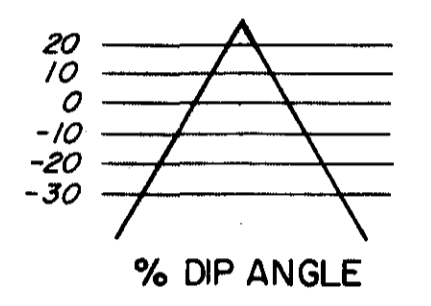


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- STREAM

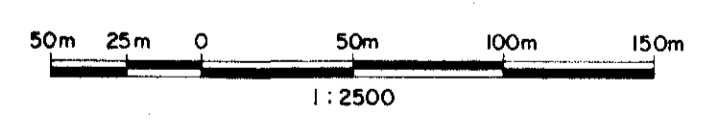
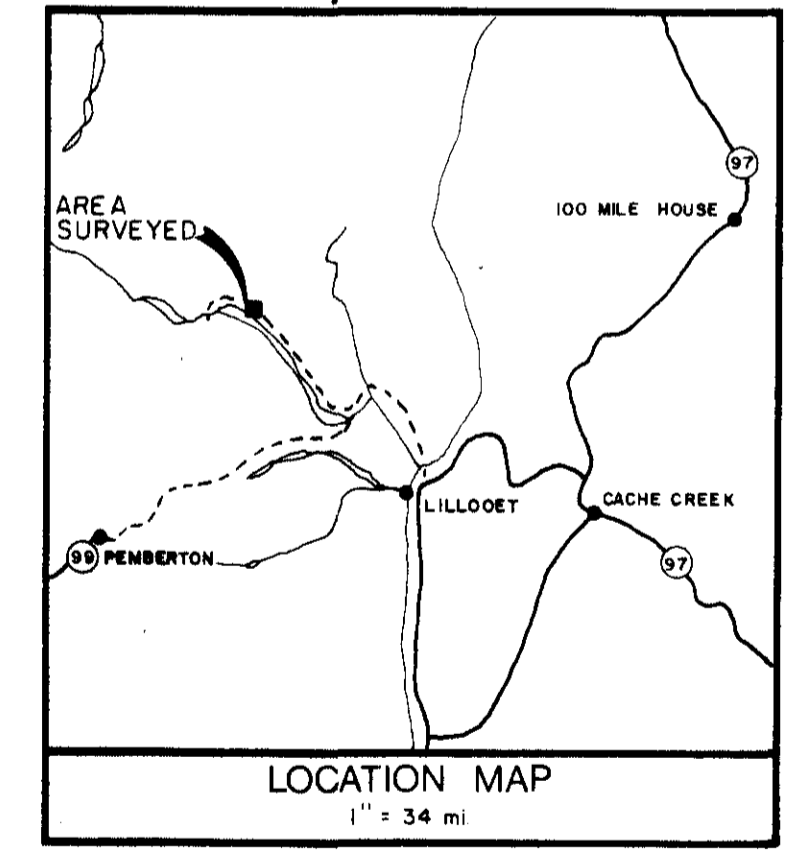
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ASSESSMENT REPORT
10,453
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VLF-EM KEY



INSTRUMENT - Geonics EM-16

N.T.S. 92 J/15E, 92 J/16W



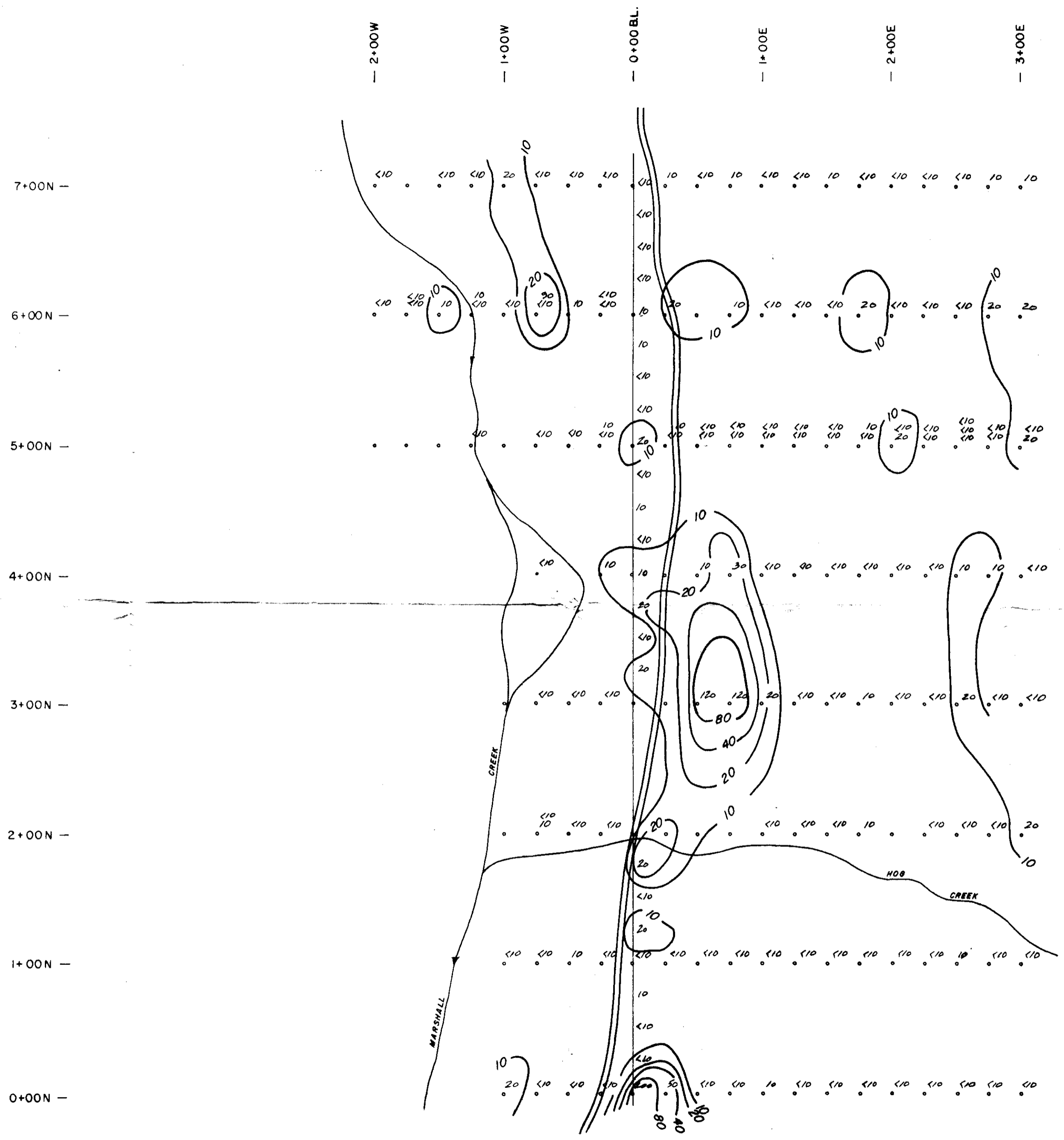
QUINTO MINING CORPORATION
MARSHALL RIDGE PROJECT - GRID Q-1
LILLOOET MINING DIVISION - BRITISH COLUMBIA
VLF - EM SURVEY
FRAZER FILTERED DIP ANGLE
(PERCENT)

To Accompany Geophysical Report on
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By GLEN E. WHITE - B.Sc.



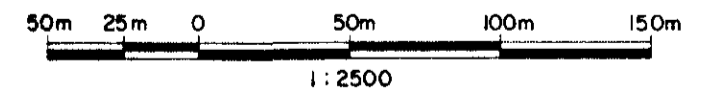
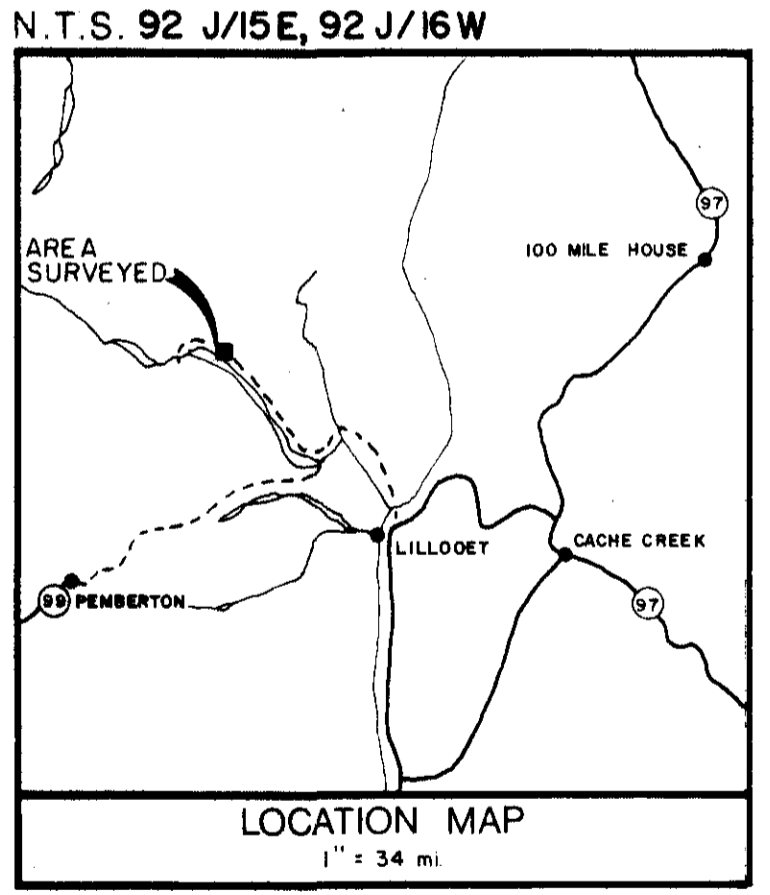
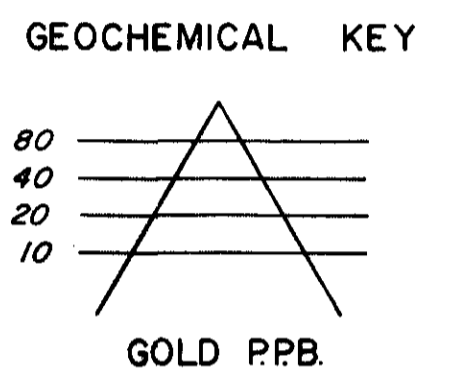
GEOPHYSICIST

<i>Glen E. White</i> geophysical consulting services Ltd.	Interpreted By <u>E.T.P.</u> Drawn By <u>N.L.P.</u> Checked By <u>E.T.P.</u> Date <u>AUG/81</u> Fig. No. <u>4</u>
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LEGEND:
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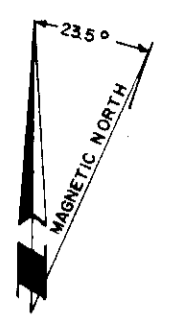
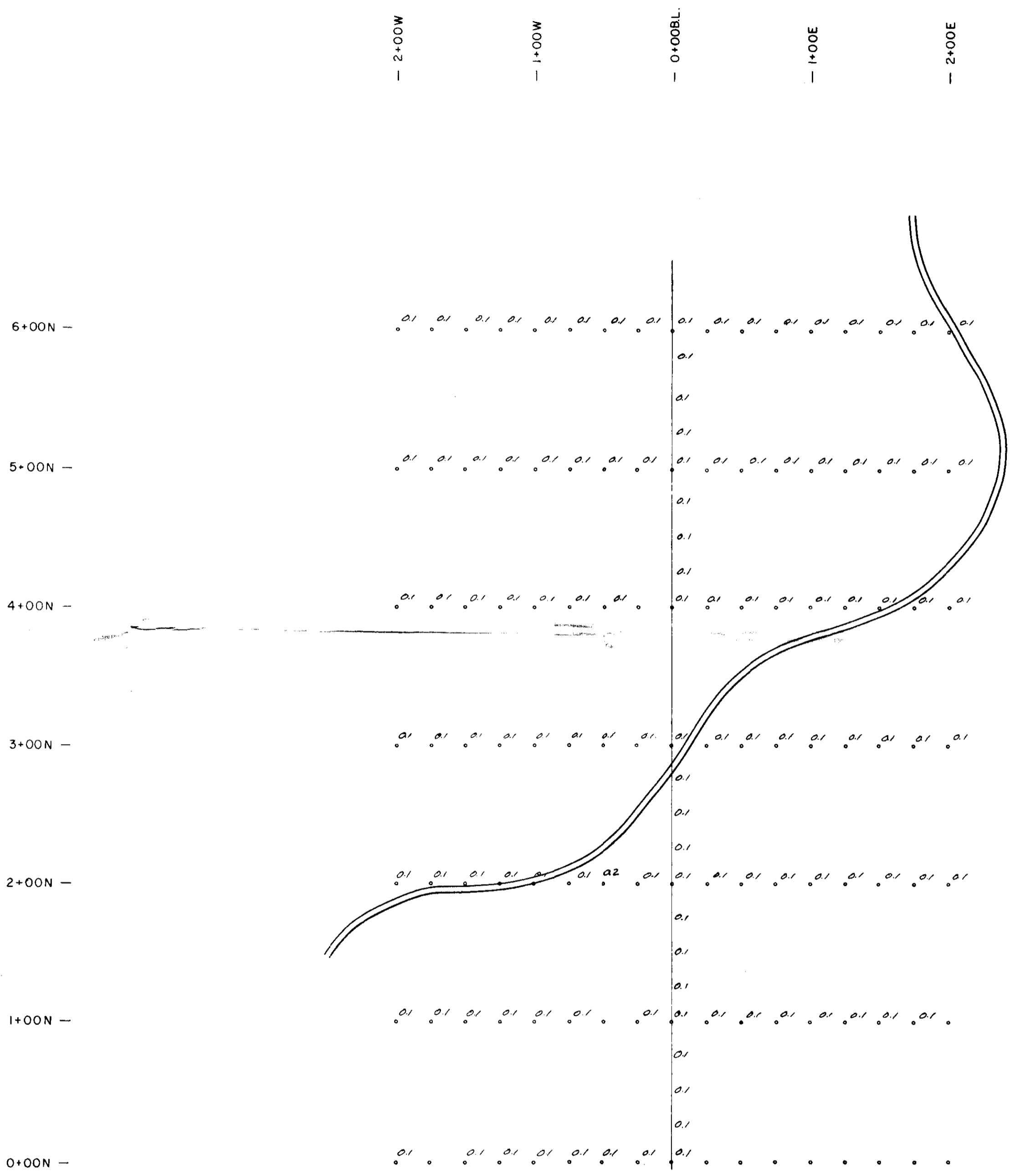
QUINTO MINING CORPORATION
 MARSHALL RIDGE PROJECT GRID Q-1
 LILLOOET MINING DIVISION - BRITISH COLUMBIA

GEOCHEMICAL MAP
 GOLD P.P.B.

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 By GLEN E. WHITE - B.Sc.
 GLEN E. WHITE
 BRITISH COLUMBIA
 ENGINEER
 GEOPHYSICIST

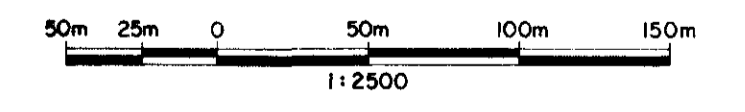
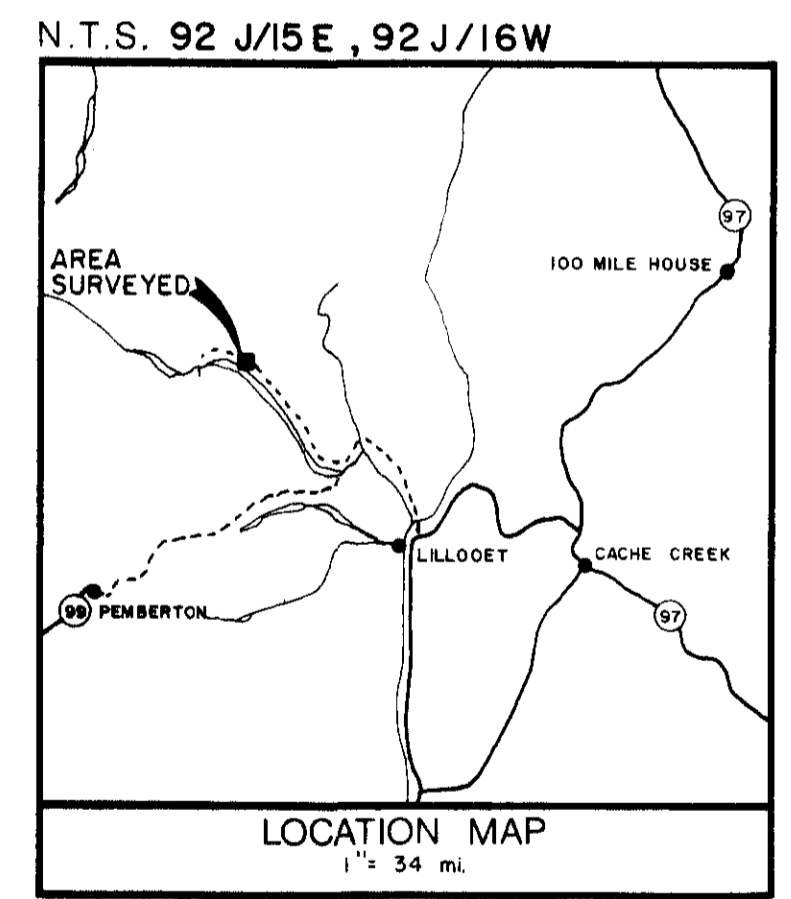
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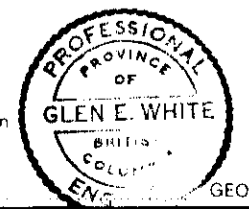
QUINTO MINING CORPORATION
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GEOCHEMICAL MAP
 SILVER PPM.

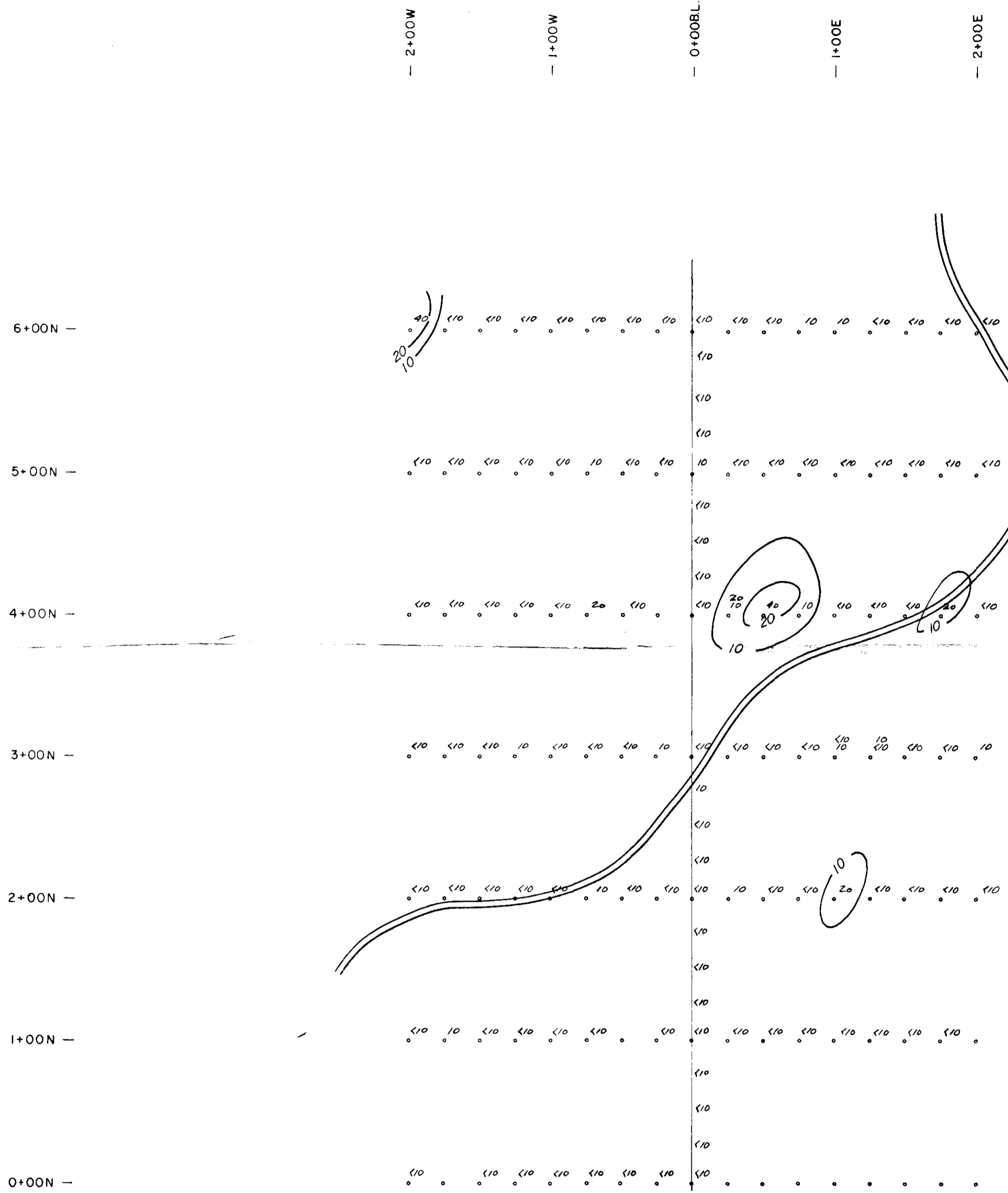
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Fig No: 15

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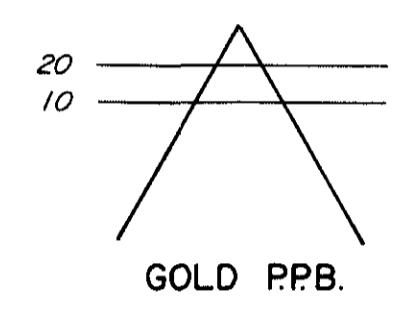


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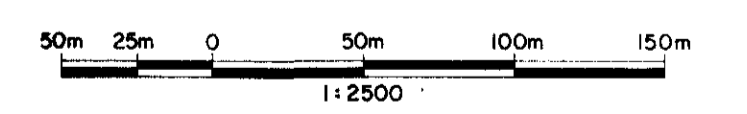
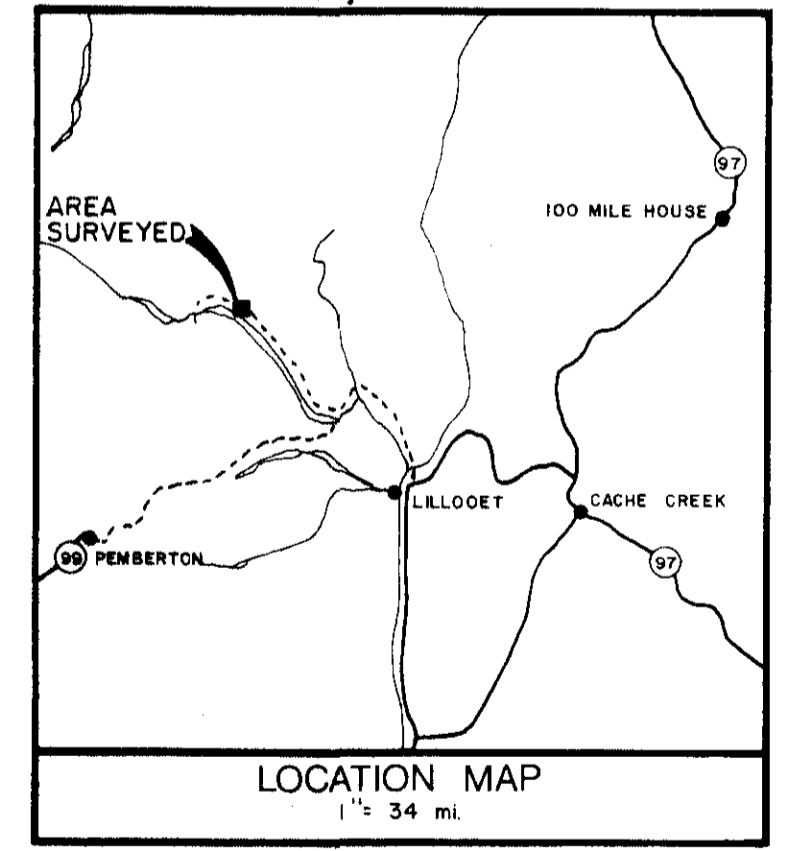
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GEOCHEMICAL KEY



N.T.S. 92 J/15 E, 92 J/16 W



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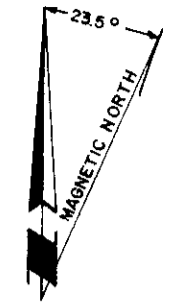
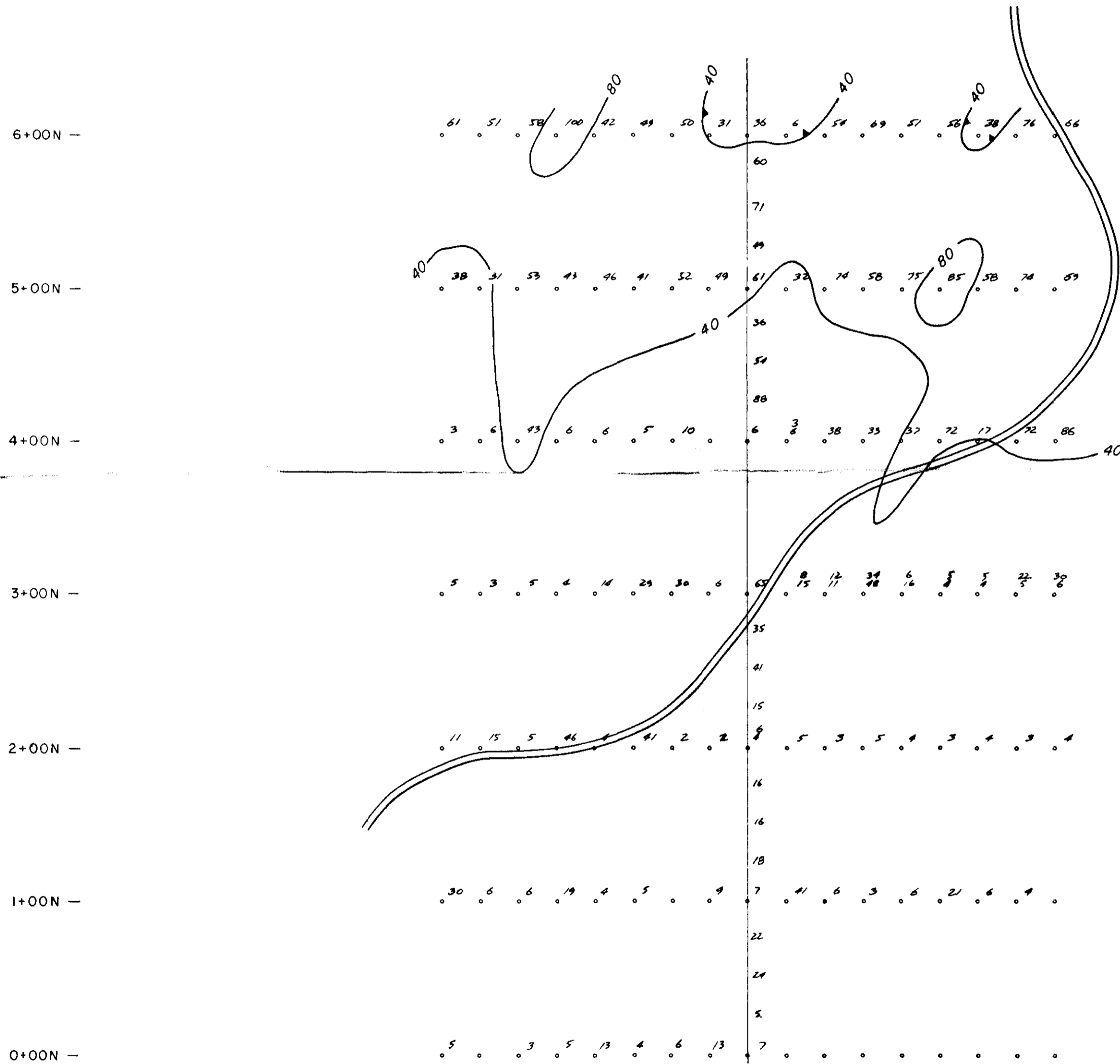
GEOCHEMICAL MAP
GOLD P.P.B.

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	Date: AUG / 81
	Fig No: 14



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GEOPHYSICIST

— 2+00W — 1+00W — 0+00BL — 1+00E — 2+00E

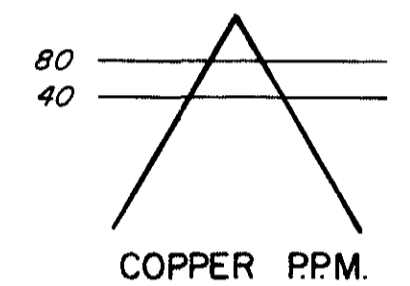


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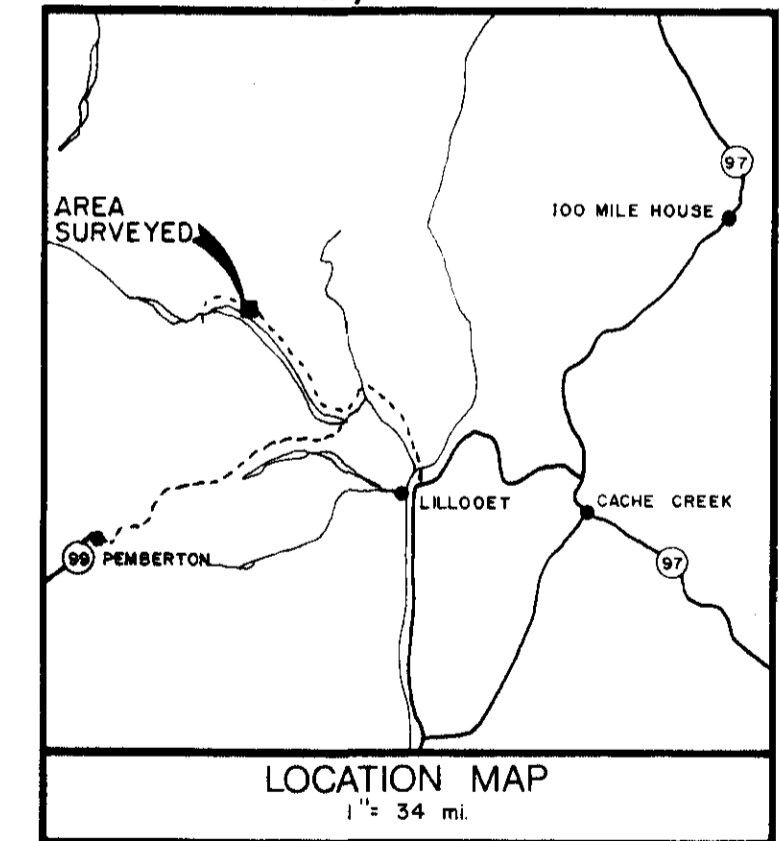
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GEOCHEMICAL KEY



N.T.S. 92 J/15E, 92 J/16W



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MARSHALL RIDGE PROJECT GRID Q-2
LILLOOET MINING DIVISION - BRITISH COLUMBIA

GEOCHEMICAL MAP
COPPER P.P.M.



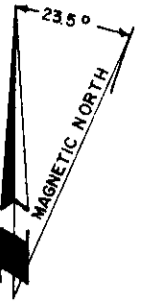
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By GLEN E. WHITE - B.Sc.

GEOPHYSICIST

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Drawn By N.L.P.
Checked By E.T.P.
Date AUG. / 81
Fig No. 13

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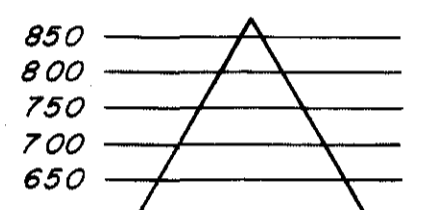


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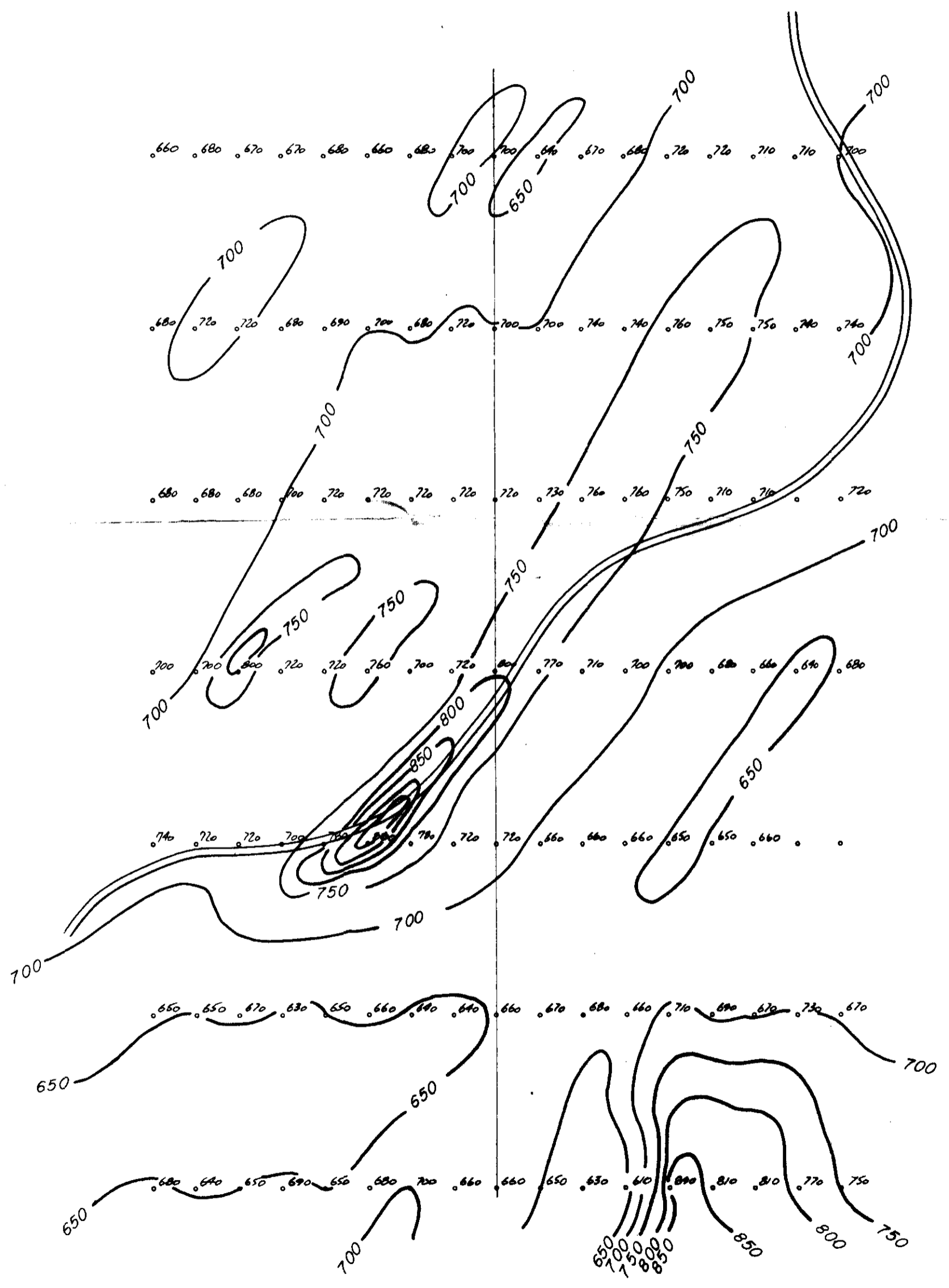
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ASSESSMENT REPORT
10453
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MAGNETIC KEY

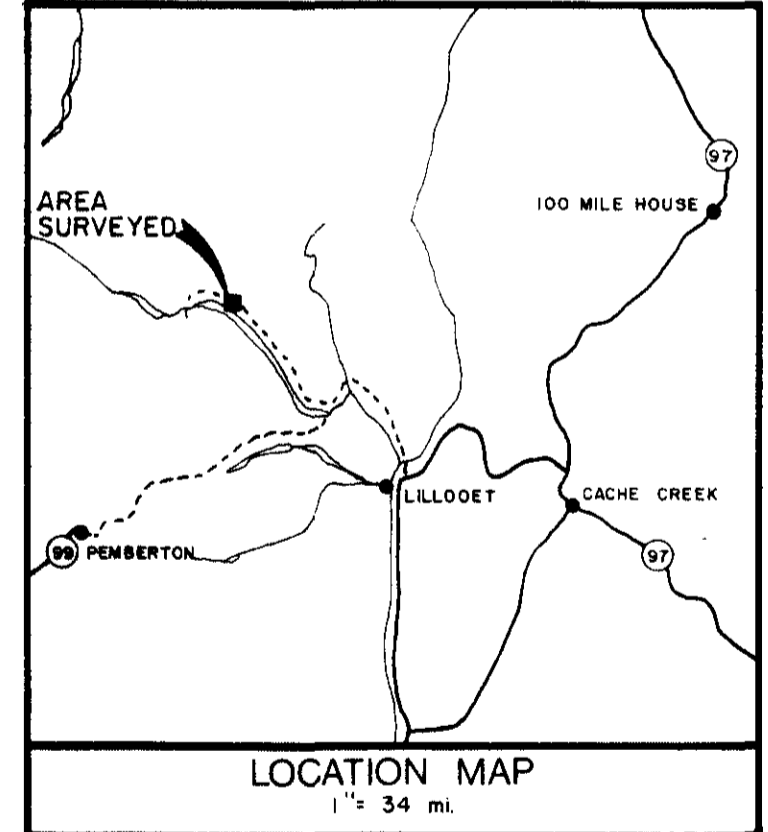


GAMMAS

6+00N —
5+00N —
4+00N —
3+00N —
2+00N —
1+00N —
0+00N —



N.T.S. 92 J/15 E, 92 J/16 W



QUINTO MINING CORPORATION
MARSHALL RIDGE PROJECT GRID Q-2
LILLOOET MINING DIVISION - BRITISH COLUMBIA

VERTICAL MAGNETIC INTENSITY
GAMMAS

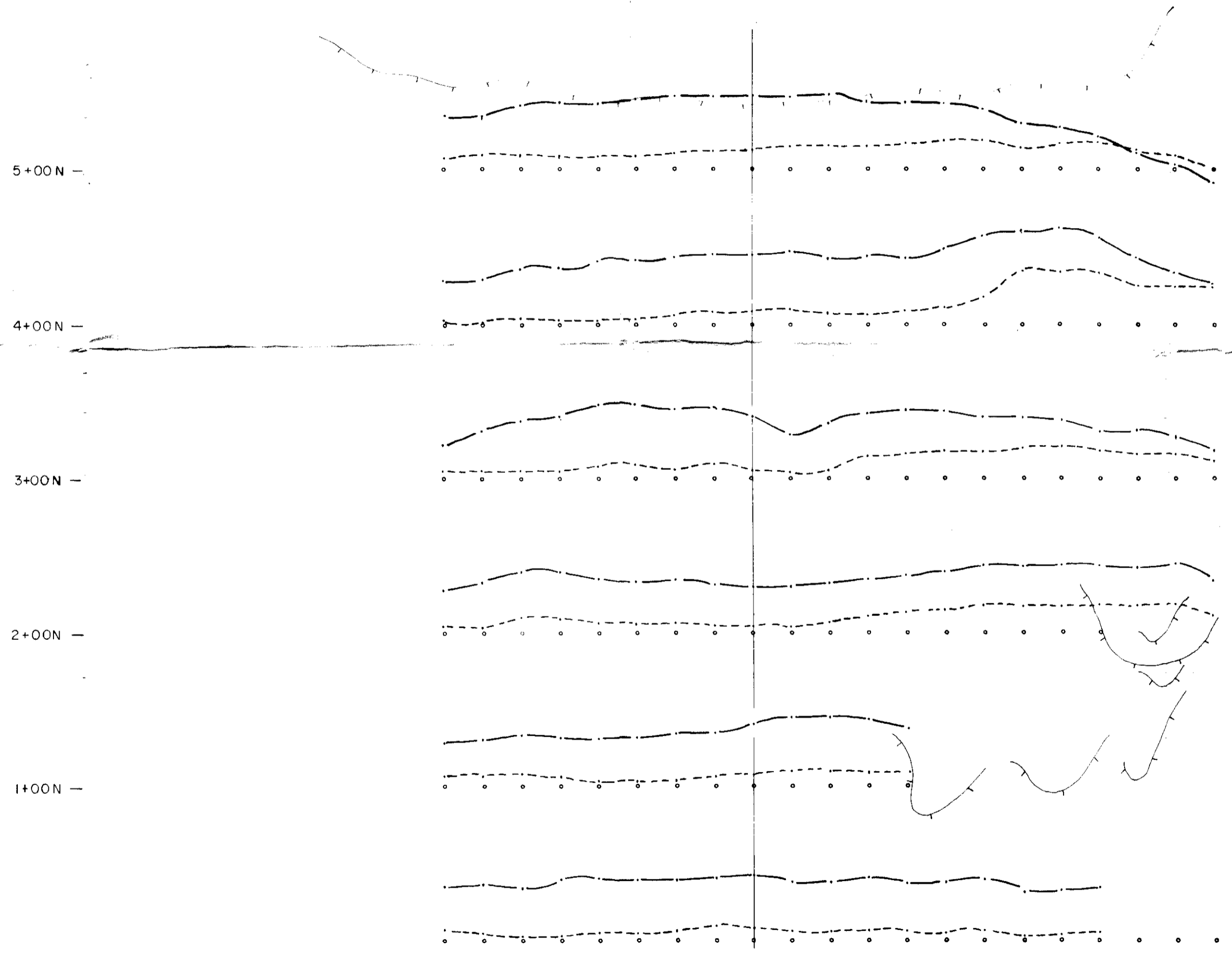
<i>Glen E. White</i> geophysical consulting services Ltd.	Interpreted By: E.T.P.
	Drawn By: N.L.P.
	Checked By: E.T.P.
	Date: AUG. / 81
	Fig No: 12

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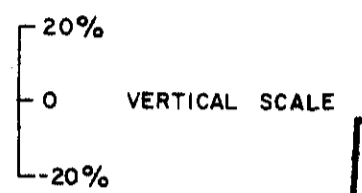
GEOPHYSICIST

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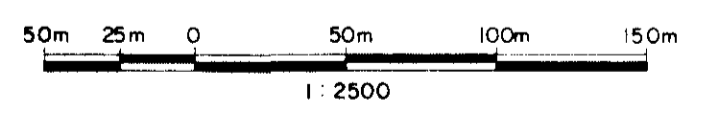
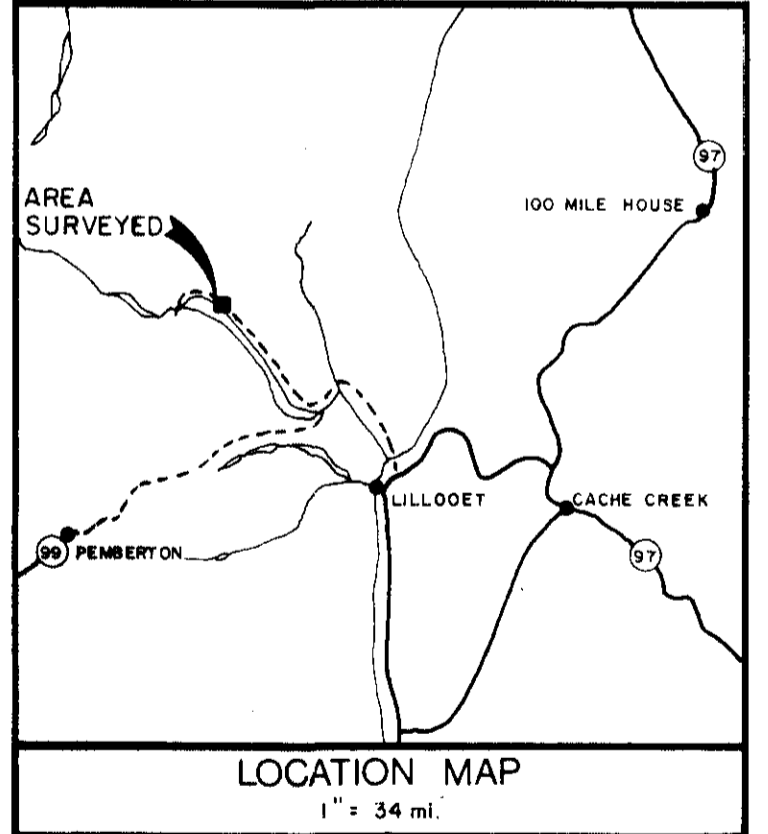
- CLIFFS
- · - · INPHASE COMPONENT
- - - - QUADRATURE COMPONENT



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No.

INSTRUMENT - Geonics EM-16

N.T.S. 92 J/15E, 92 J/16W

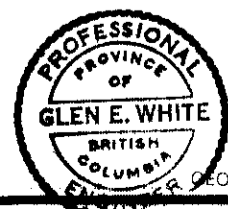


QUINTO MINING CORPORATION
MARSHALL RIDGE PROJECT GRID Q-3
LILLOOET MINING DIVISION - BRITISH COLUMBIA

VLF - EM SURVEY
INPHASE AND QUADRATURE COMPONENTS

<i>Glen E. White</i> geophysical consulting services Ltd.	Interpreted By E.T.P.
	Drawn By N.L.P.
	Checked By E.T.P.
	Date AUG./81
	Fig No 17

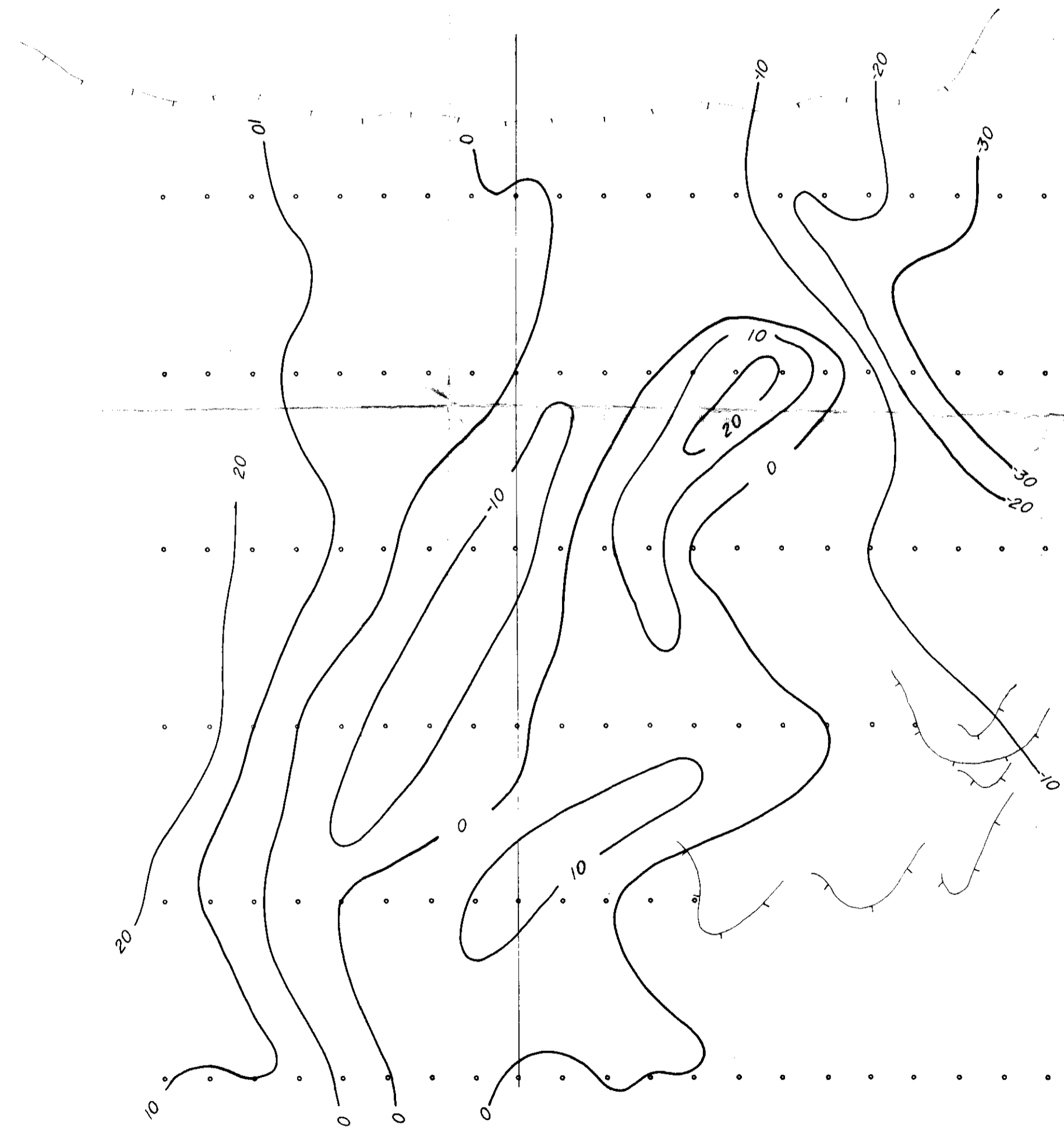
To Accompany Geophysical Report on
Date
By GLEN E. WHITE - B.Sc.



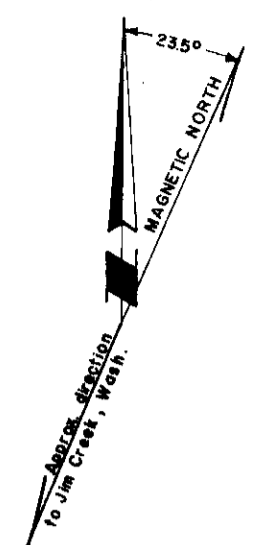
PROFESSIONAL GEOPHYSICIST

2+00W 1+00W 0+00 BL. 1+00E 2+00E 3+00E

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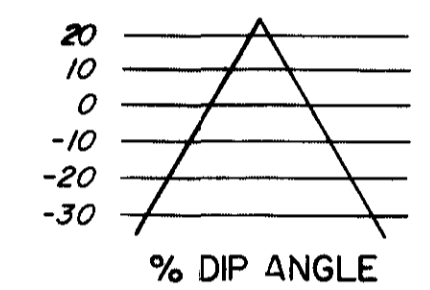


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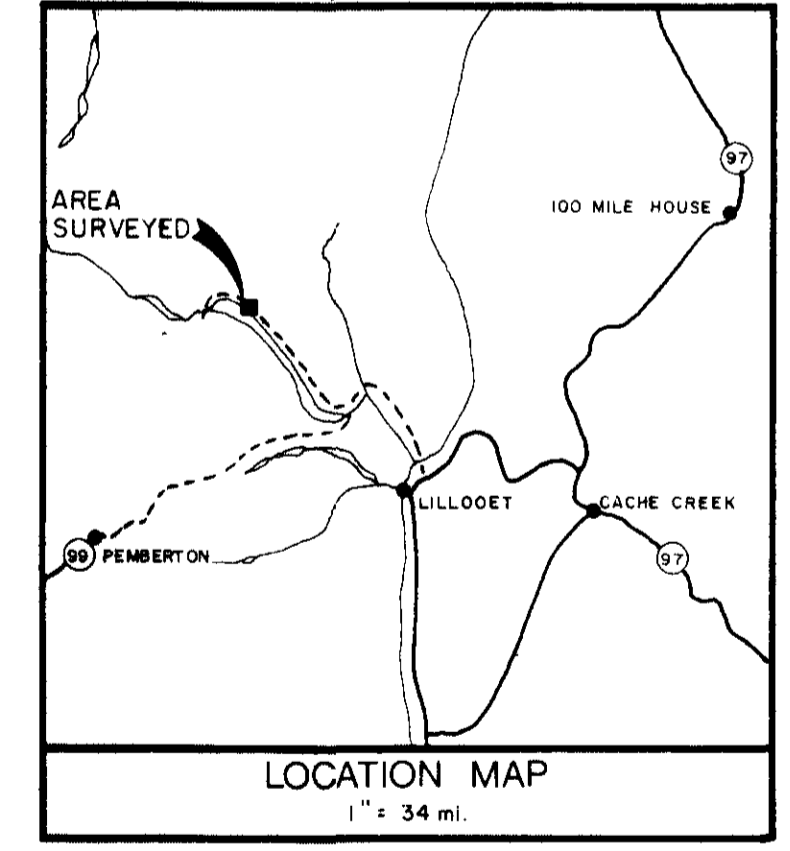
MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
10,453
N.

VLF-EM KEY

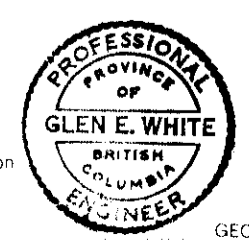


INSTRUMENT - Geonics EM - 16

N.T.S. 92 J/15E, 92 J/16 W



QUINTO MINING CORPORATION
MARSHALL RIDGE PROJECT GRID Q-3
LILLOOET MINING DIVISION - BRITISH COLUMBIA
VLF - EM SURVEY
FRAZER FILTERED DIP ANGLE
(PERCENT)



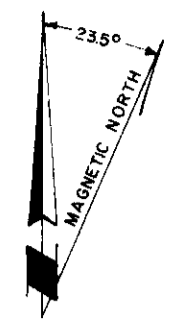
To Accompany Geophysical Report on
Date
By GLEN E. WHITE - B.Sc. GEOPHYSICIST

Glen E. White
geophysical consulting
services Ltd.

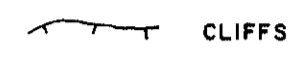
Interpreted By	E.T.P.
Drawn By	N.L.P.
Checked By	E.T.P.
Date	AUG/81
Fig No	18

MINERAL 7134

— 2+00W — 1+00W — 0+00 BL. — 1+00E — 2+00E — 3+00E

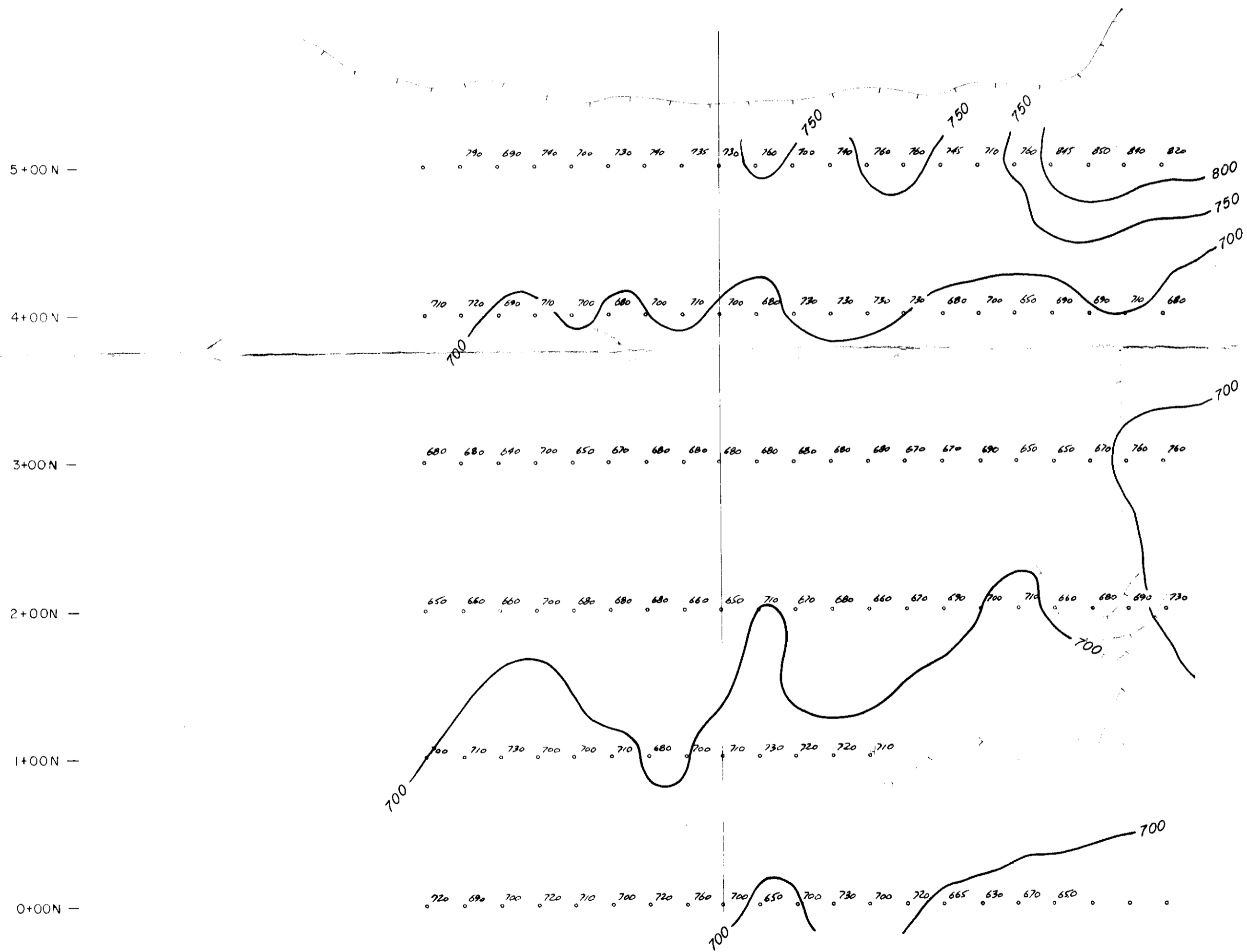
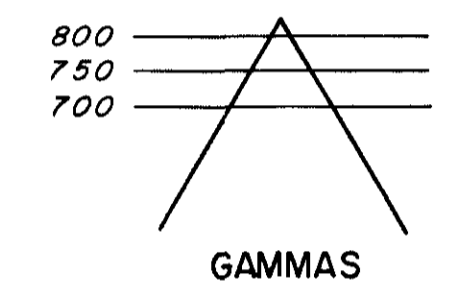


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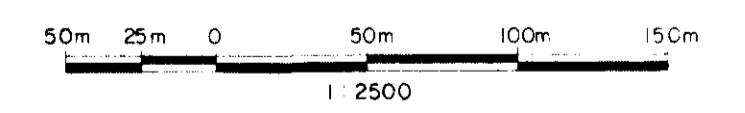
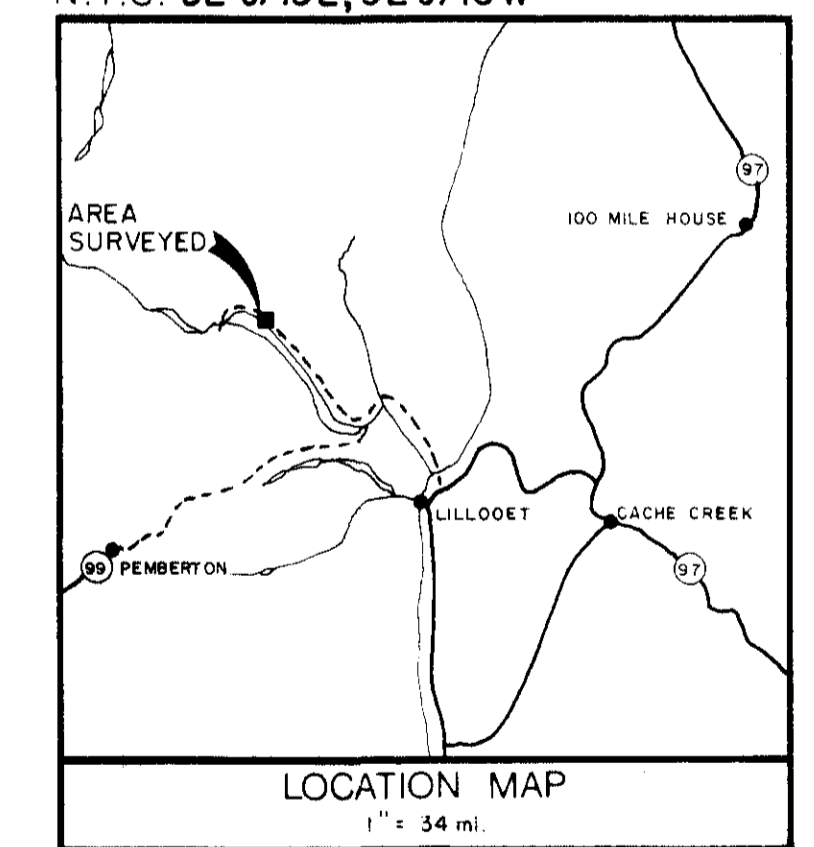


MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
10,453
No.

MAGNETIC KEY



N.T.S. 92 J/15E, 92 J/16W



QUINTO MINING CORPORATION
MARSHALL RIDGE PROJECT GRID Q-3
LILLOOET MINING DIVISION - BRITISH COLUMBIA

**VERTICAL MAGNETIC INTENSITY
GAMMAS**

Glen E. White
Geophysical Consulting
Services Ltd.

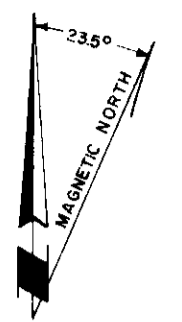
PROJECT	ETP
CLIENT	N.L.P.
DATE	ETP
DATE	AUG / 81
PAGE	10



By Authority of the Board of Engineers
Glen E. White, P. Eng.

CANADA 1734

— 2+00W — 1+00W — 0+00 BL — 1+00E — 2+00E — 3+00E

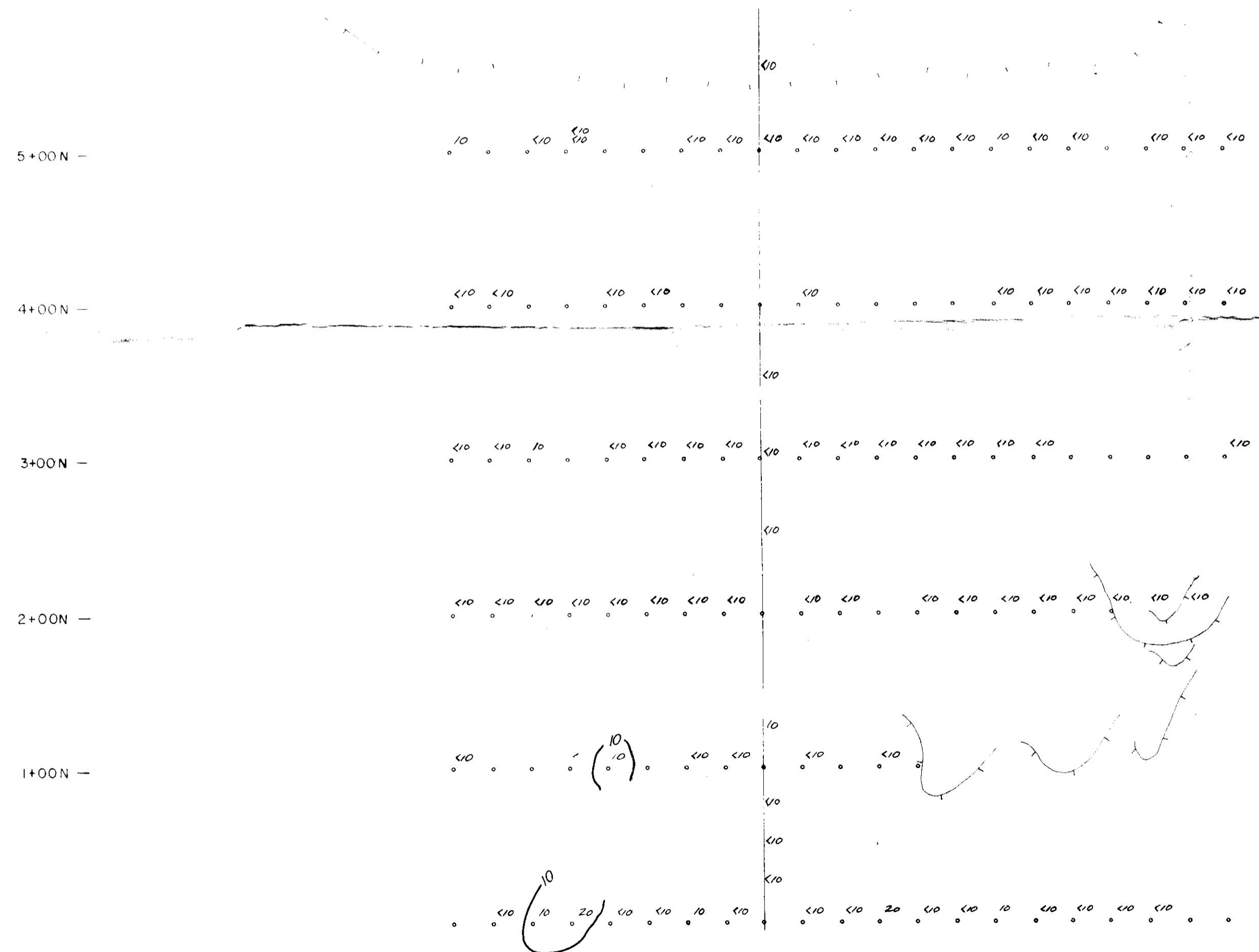
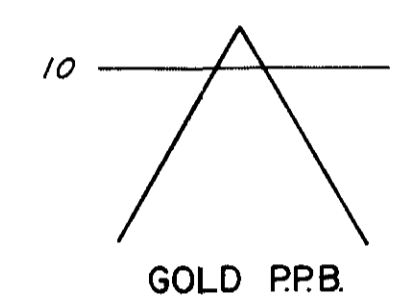


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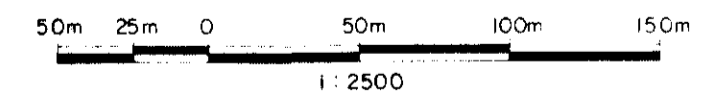
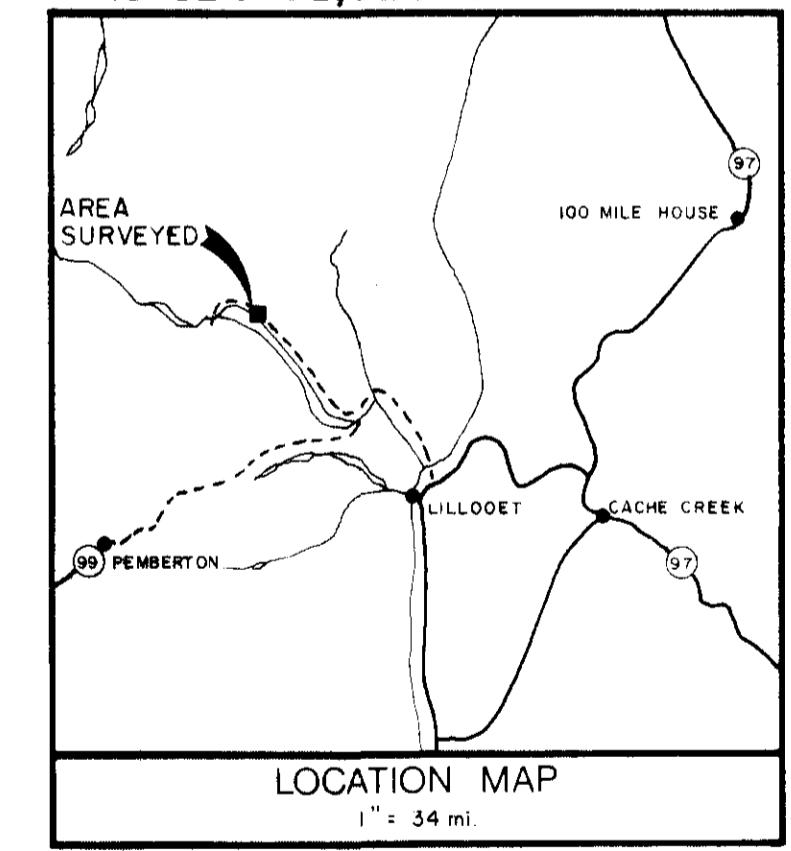


MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
10453
NQ

GEOCHEMICAL KEY



N.T.S. 92 J/15E, 92 J/16W



QUINTO MINING CORPORATION
MARSHALL RIDGE PROJECT GRID Q-3
LILLOOET MINING DIVISION - BRITISH COLUMBIA

GEOCHEMICAL MAP
GOLD P.P.B.

Glen E. White
geophysical consulting
services Ltd

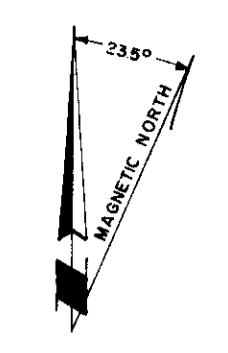
Prepared by	ETP
Checked by	N.L.P.
Drawn by	ETP
Date	AUG / 81
File No.	21

To Accompany Geophysical Report
Date: _____
By: GLEN E. WHITE, B.Sc.



GEOPHYSICIST

— 2+00W — 1+00W — 0+00 BL — 1+00E — 2+00E — 3+00E

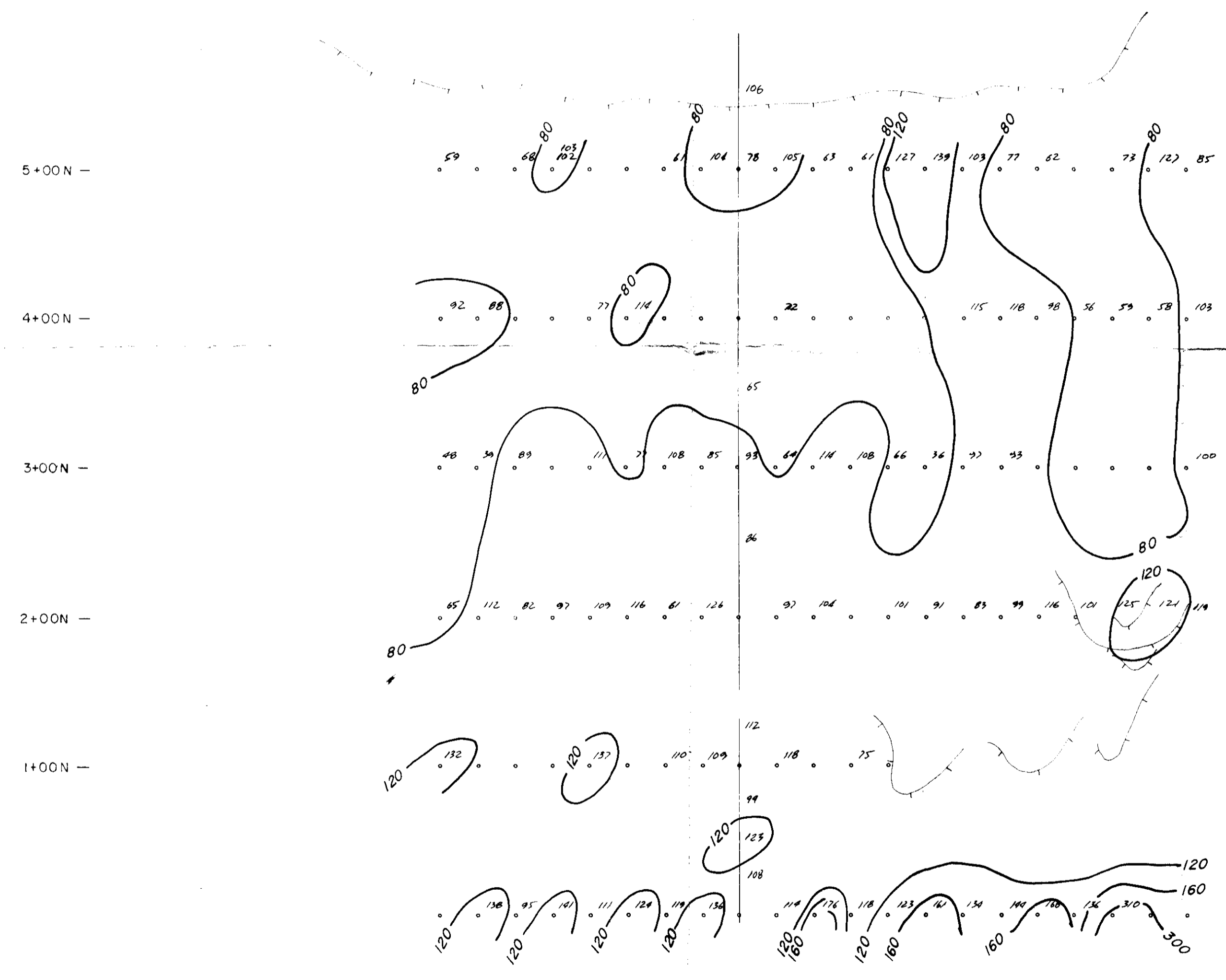
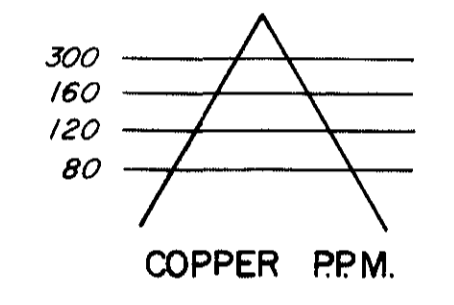


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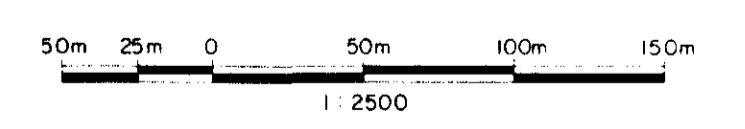
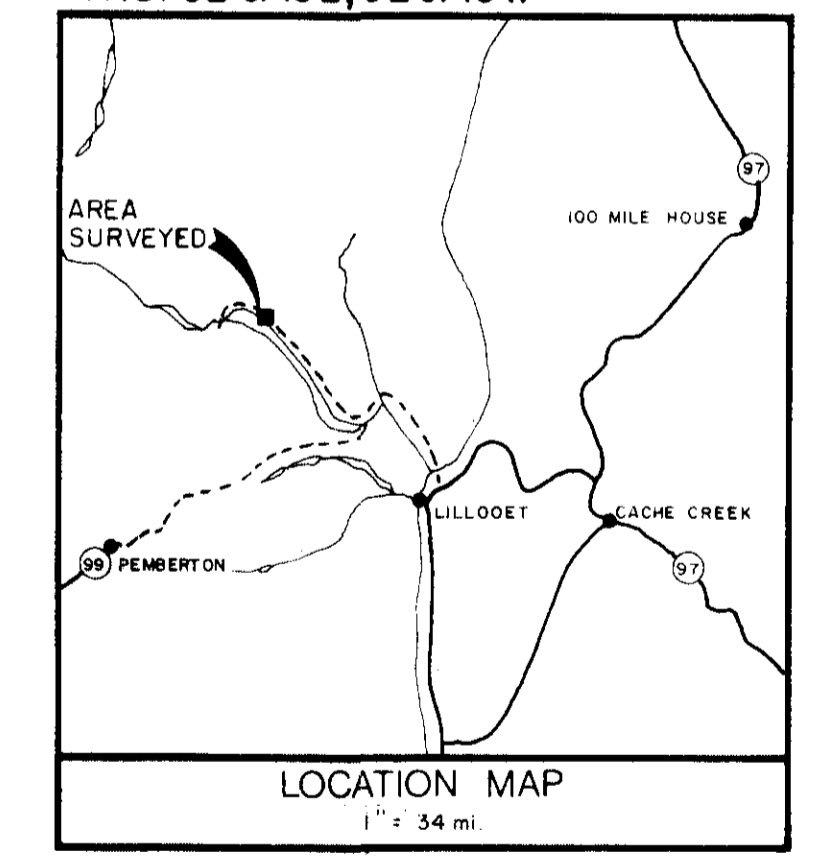


MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
19453
NO.

GEOCHEMICAL KEY



N.T.S. 92 J/15E, 92 J/16W



QUINTO MINING CORPORATION
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LILLOOET MINING DIVISION - BRITISH COLUMBIA

GEOCHEMICAL MAP
COPPER P.P.M.

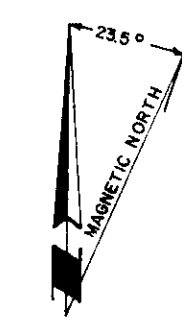
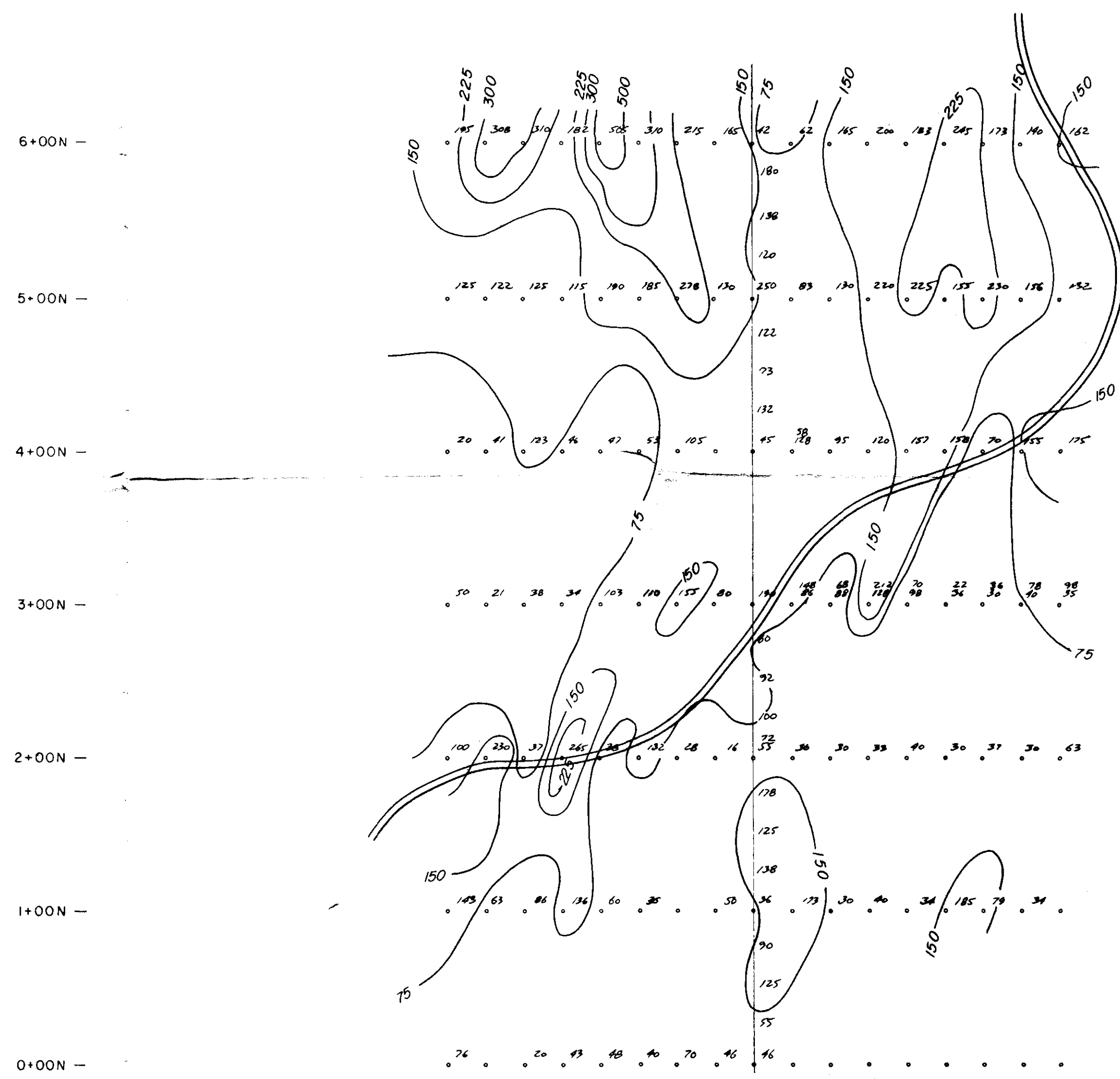
Glen E. White
geophysical consulting
services Ltd.

Designed by	E.T.P.
Drawn by	N.L.P.
Checked by	E.T.P.
Date	AUG / 81
Page No.	20



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Date: 1981
By: GLEN E. WHITE, B.Sc.

2+00W 1+00W 0+00E.L. 1+00E 2+00E

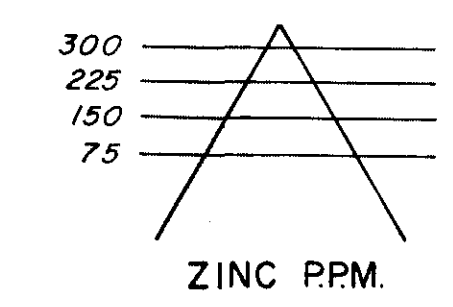


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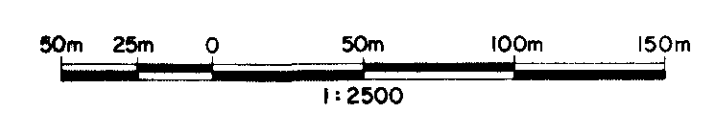
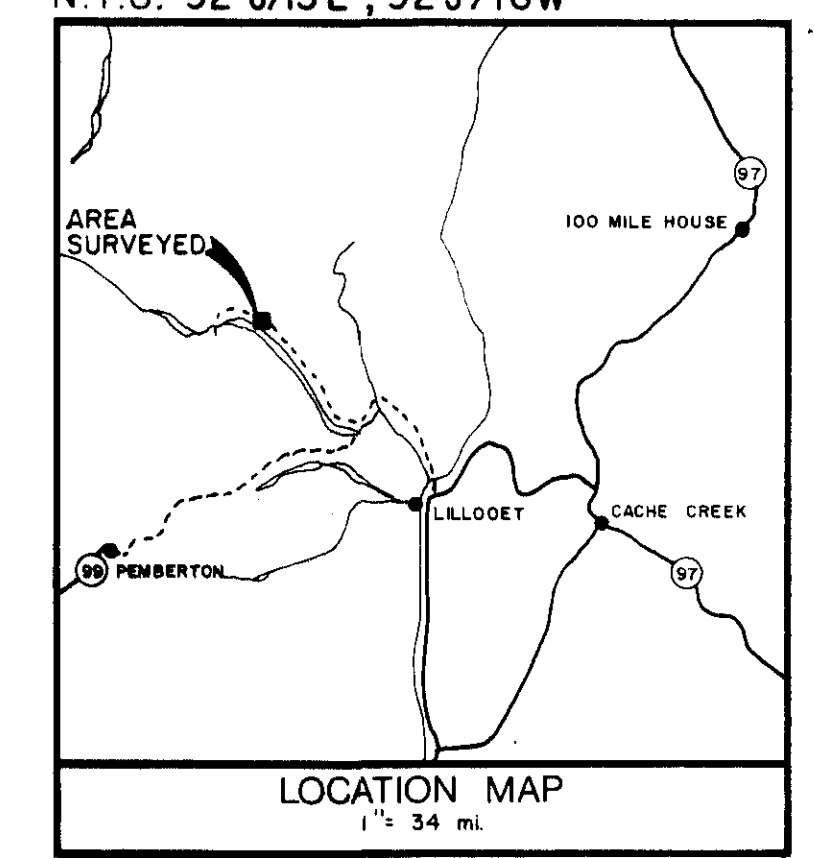


MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
10,453
NQ

GEOCHEMICAL KEY



N.T.S. 92 J/15 E, 92 J/16 W



QUINTO MINING CORPORATION
MARSHALL RIDGE PROJECT - GRID Q-2
LILLOOET MINING DIVISION - BRITISH COLUMBIA

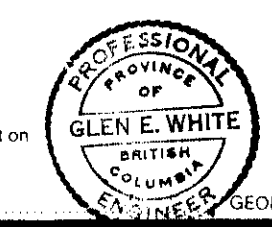
GEOCHEMICAL MAP
ZINC P.P.M.

Glen E. White
geophysical consulting
services Ltd.

Interpreted By: E.T.P.
Drawn By: N.L.P.
Checked By: E.T.P.
Date: AUG / 81
Fig No. 16

To Accompany Geophysical Report on

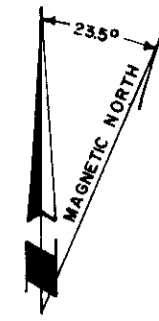
Date: By GLEN E. WHITE - B.Sc.



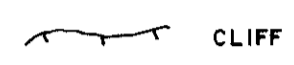
GEOPHYSICIST

VANICAL 7134

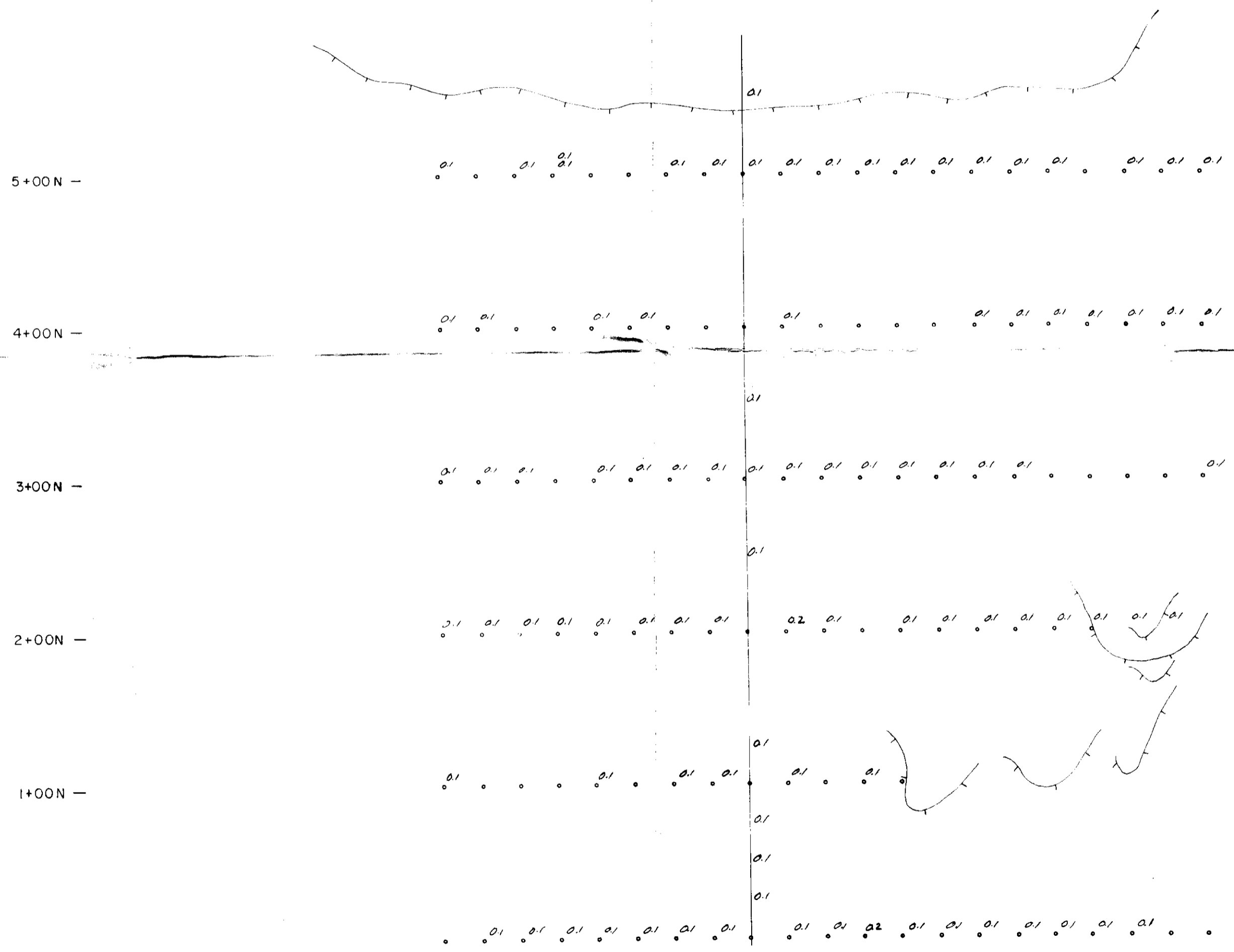
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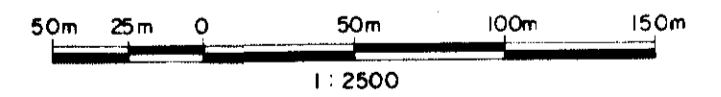
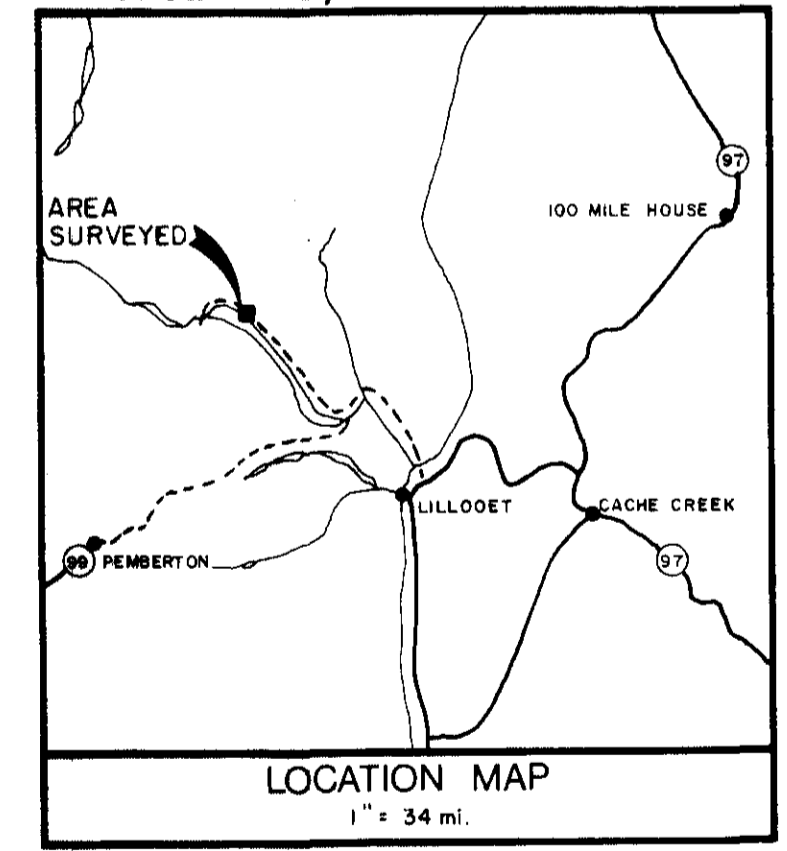
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MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
10,453



N.T.S. 92 J/15E, 92 J/16W



QUINTO MINING CORPORATION
MARSHALL RIDGE PROJECT GRID Q-3
LILLOOET MINING DIVISION - BRITISH COLUMBIA

GEOCHEMICAL MAP
SILVER PPM.

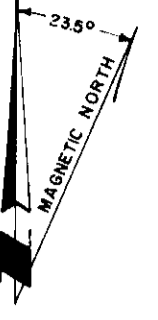
<i>Glen E. White</i> geophysical consulting services Ltd.	Interpreted By E.T.P.
	Drawn By N.L.P.
	Checked By E.T.P.
	Date AUG./81
	Fig No. 22



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Date
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GEOPHYSICIST

- 2+00W
- 1+00W
- 0+00 BL
- 1+00E
- 2+00E
- 3+00E

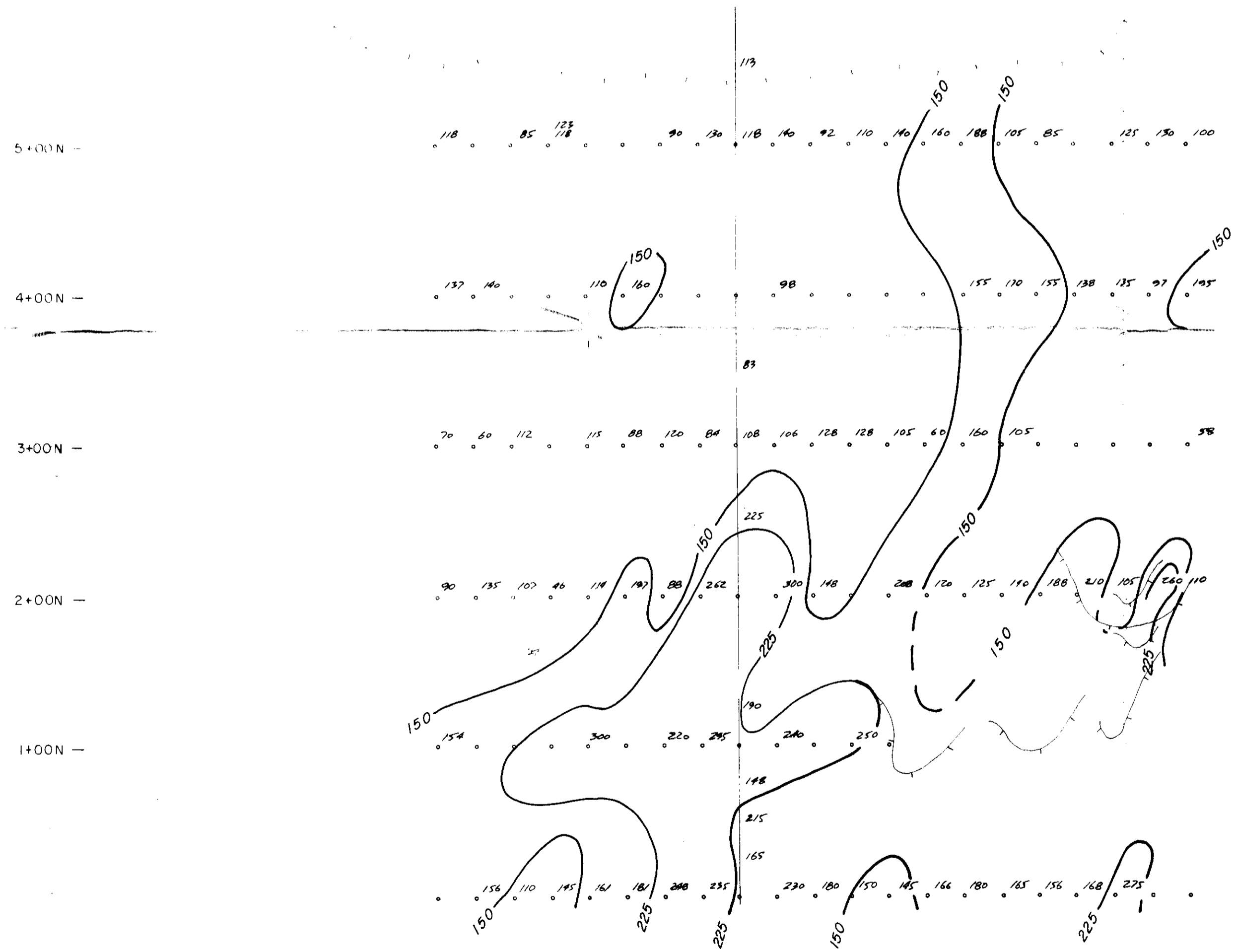
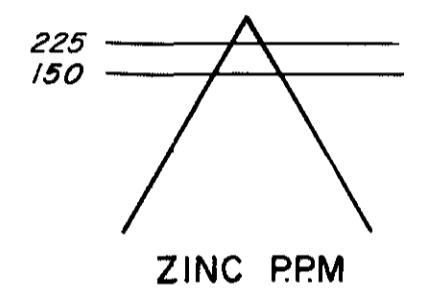


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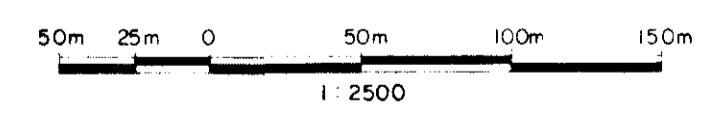
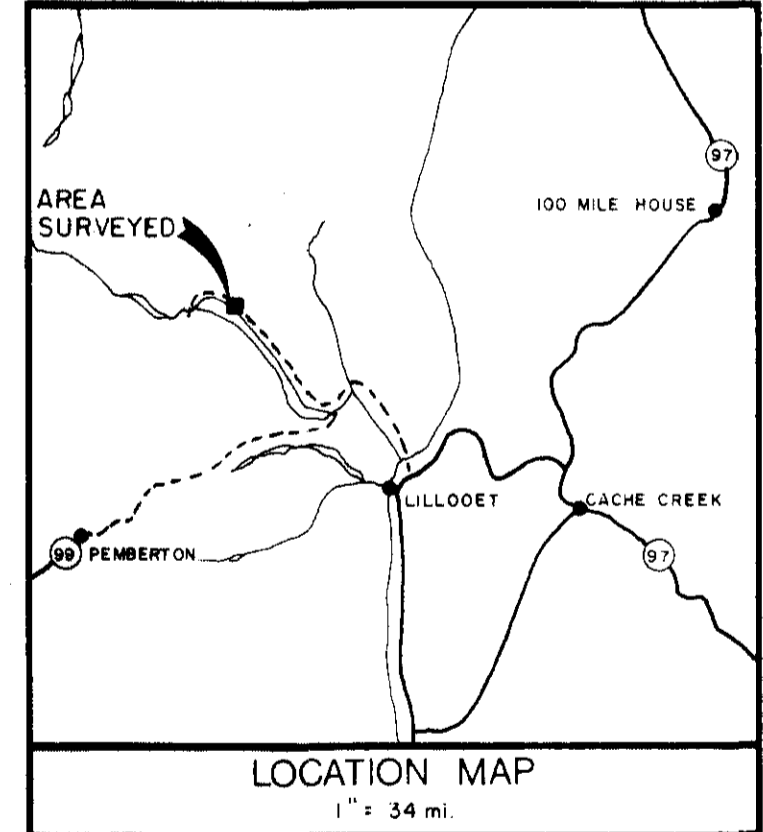


MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
10453
No.

GEOCHEMICAL KEY



N.T.S. 92 J/15E, 92 J/16W



QUINTO MINING CORPORATION
MARSHALL RIDGE PROJECT - GRID Q-3
LILLOOET MINING DIVISION - BRITISH COLUMBIA

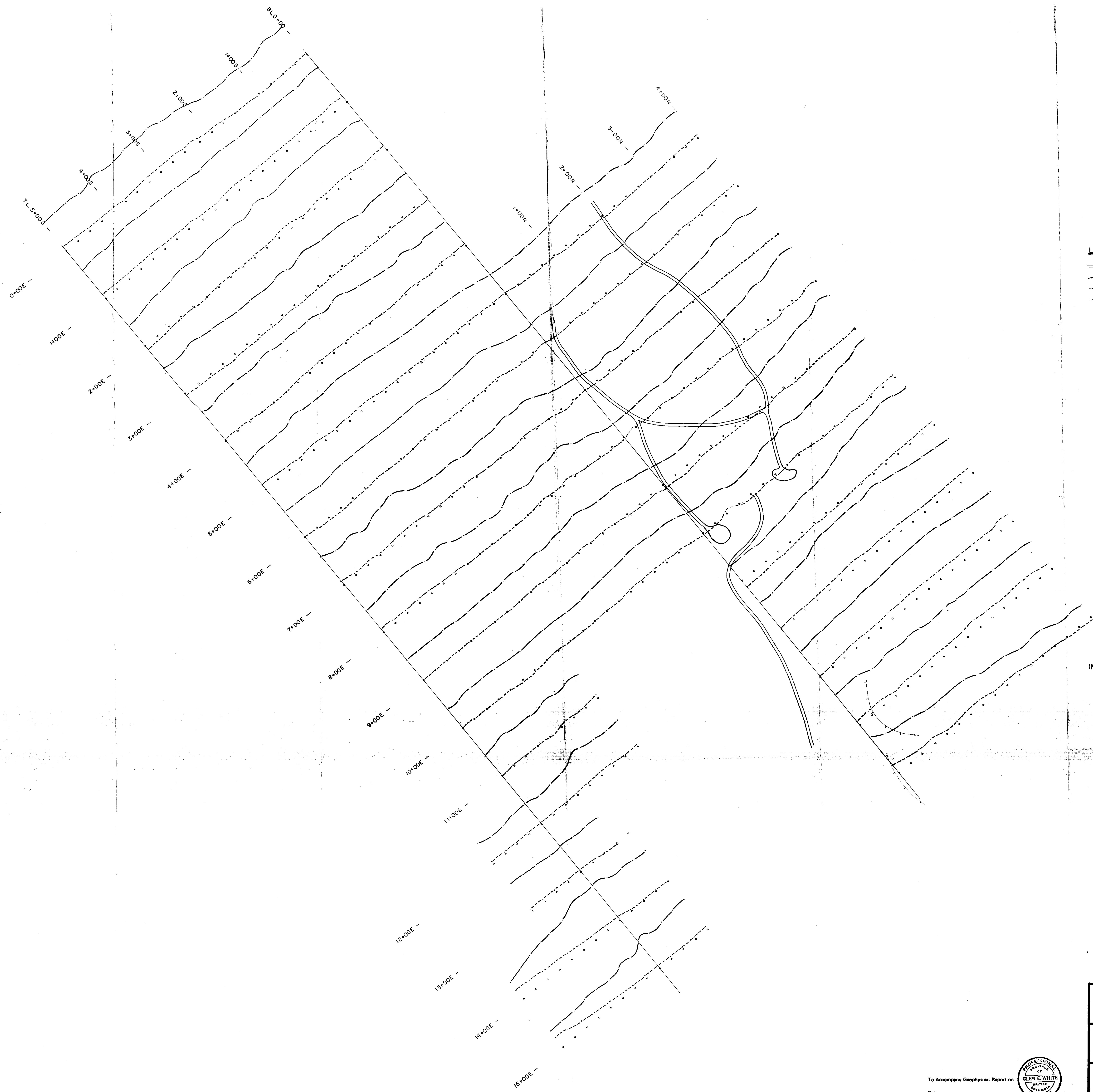
GEOCHEMICAL MAP
ZINC P.P.M.

<i>Glen E. White</i> geophysical consulting resources ltd	Interpreted by: E.T.P.
	Drawn by: N.L.P.
	Checked by: E.T.P.
	Date: AUG / 81
	Fig. No: 23



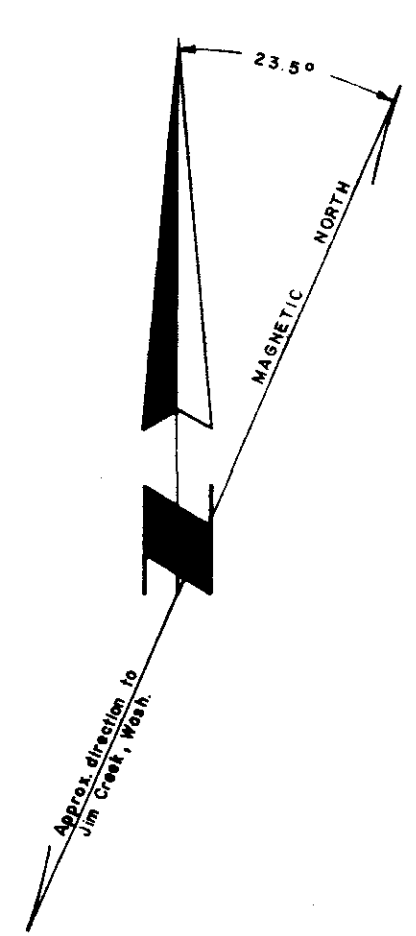
To Accompany Geophysical Report on:
Date:
By: GLEN E. WHITE - B.S.

GEOCHEMIST



LEGEND:

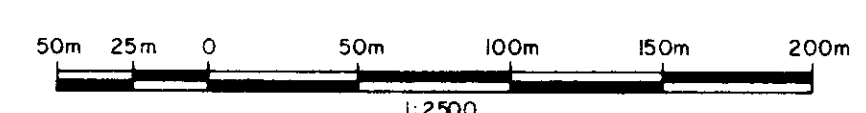
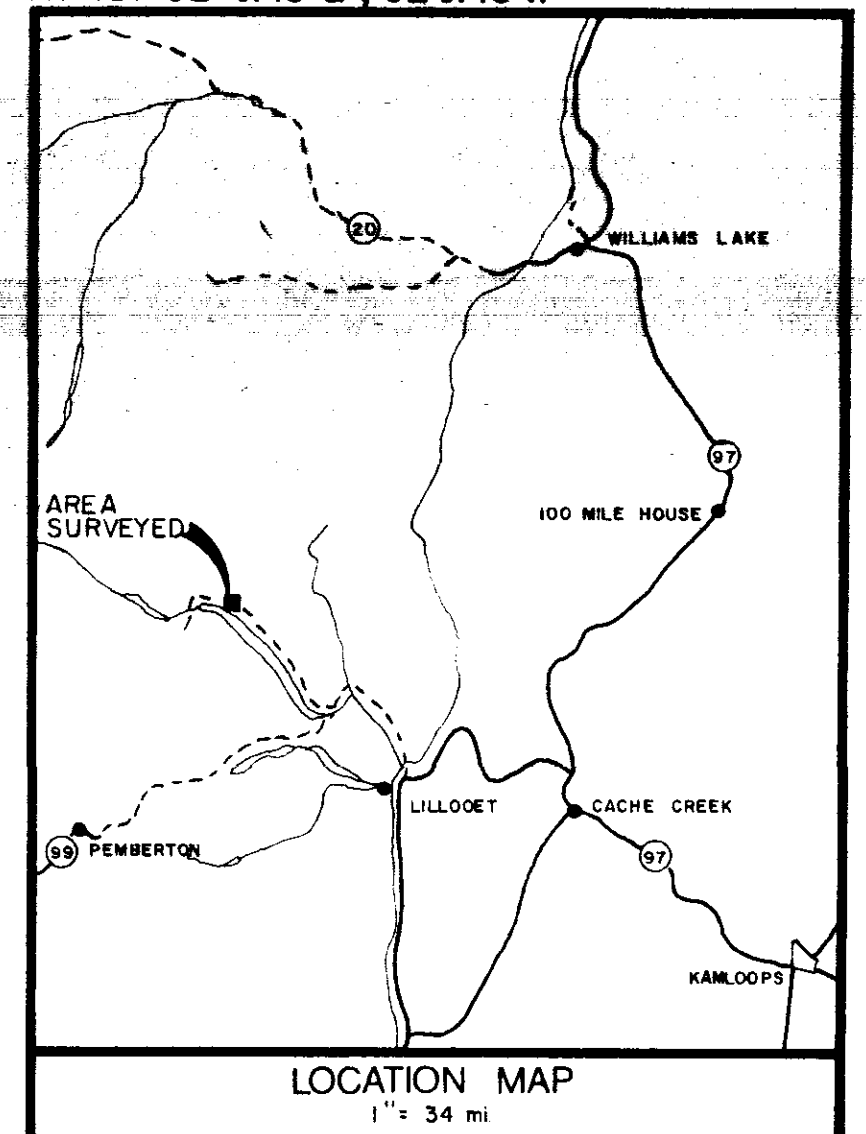
- ROAD
 - CLIFFS
 - INPHASE COMPONENT
 - QUADRATURE COMPONENT
- 20%
0
-20%
VERTICAL SCALE



MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
10453
NO.

INSTRUMENT - Geonics EM - 16

N.T.S. 92 J/15 E, 92 J/16 W



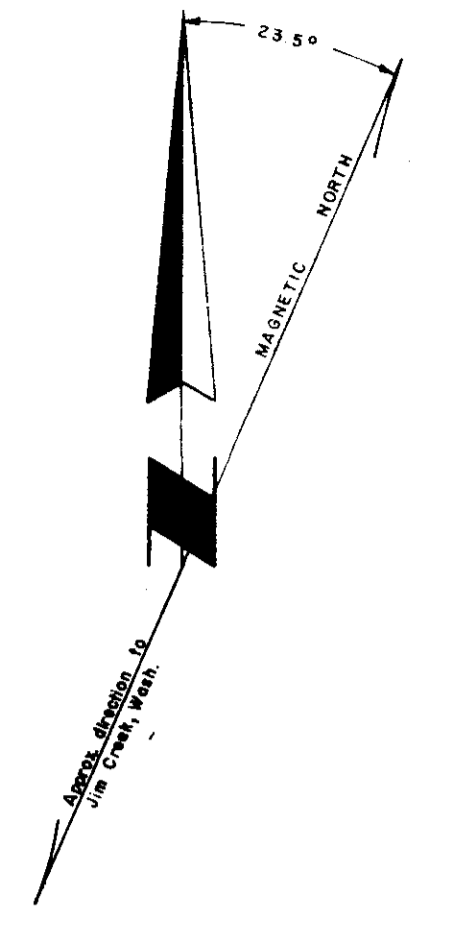
QUINTO MINING CORPORATION
MARSHALL RIDGE PROJECT GRID Q-4
LILLOOET MINING DIVISION - BRITISH COLUMBIA

**VLF - EM SURVEY
INPHASE AND QUADRATURE
COMPONENTS**

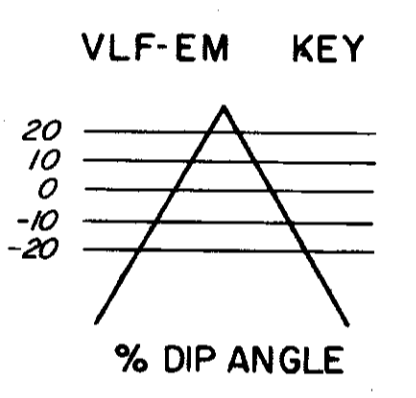
To Accompany Geophysical Report on
Date
By GLEN E. WHITE, B.Sc. ENGINEER
GLEN E. WHITE
BRITISH
COLUMBIA
ENGINEER

Interpreted By: E.T.P.
Drawn By: N.L.P.
Checked By: E.T.P.
Date: AUG. / 81
Fig. No.: 24

Gen. E. White
geophysical consulting
services Ltd.

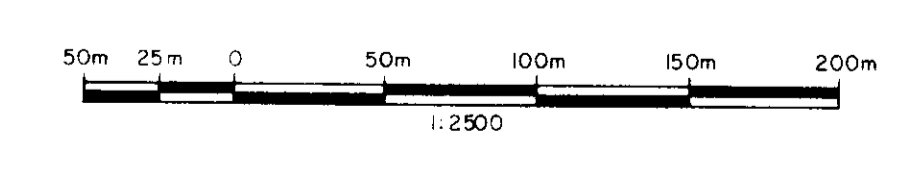
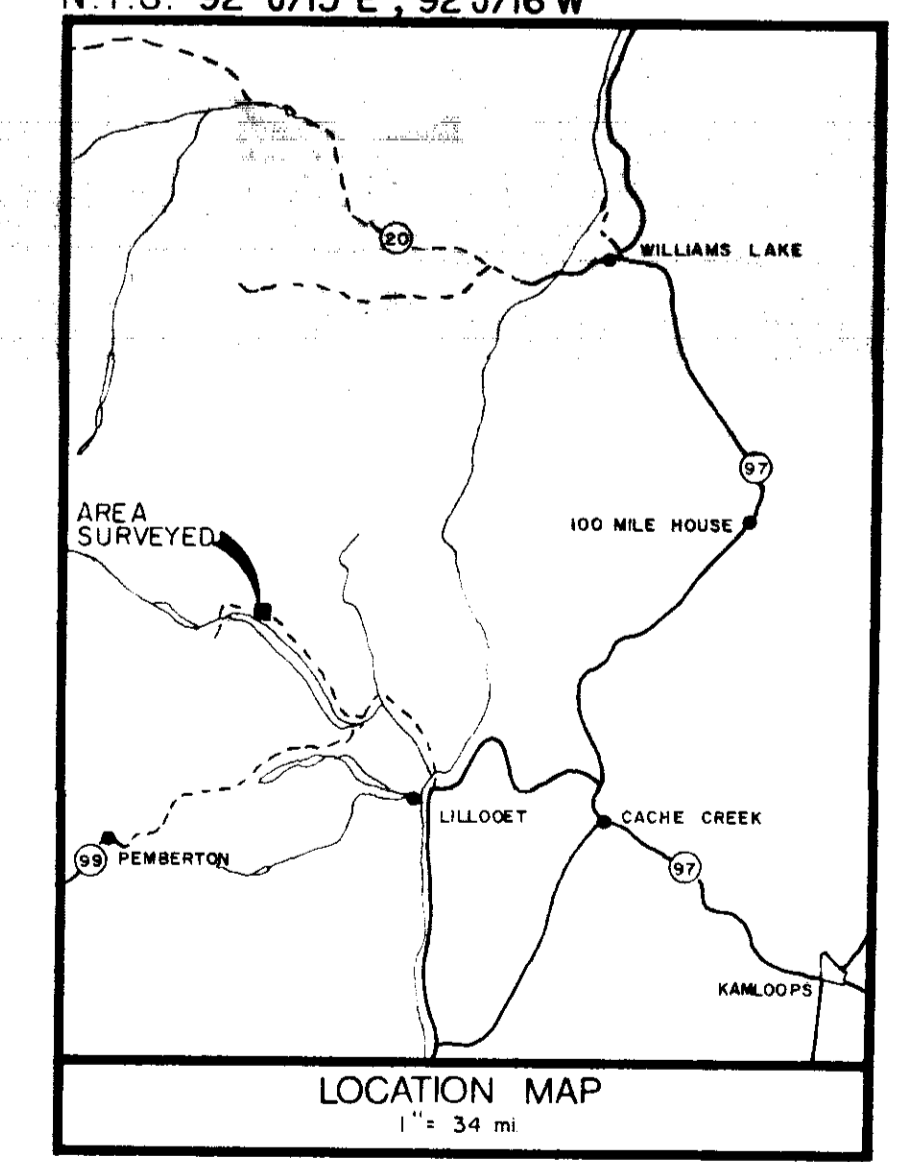


LEGEND:
ROAD
CLIFFS



INSTRUMENT - Geonics EM - 16

N.T.S. 92 J/15 E, 92 J/16 W



QUINTO MINING CORPORATION
MARSHALL RIDGE PROJECT GRID Q-4
LILLOOET MINING DIVISION - BRITISH COLUMBIA

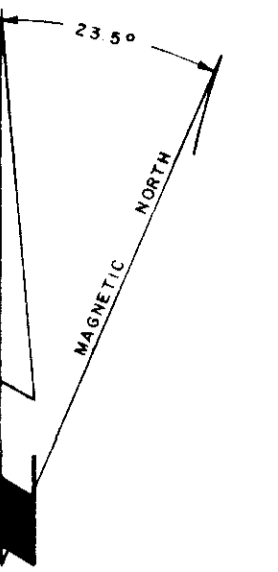
VLF - EM SURVEY
FRAZER FILTERED DIP ANGLE
(PERCENT)

Glen E. White
geophysical consulting
services Ltd.

Interpreted By: E.T.P.
Drawn By: N.L.P.
Checked By: E.T.P.
Date: AUG / 81
Fig. No.: 25

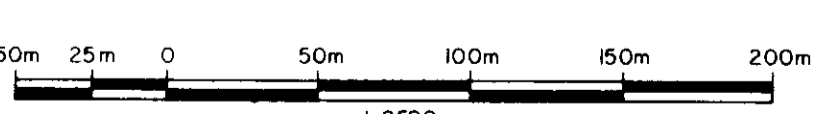
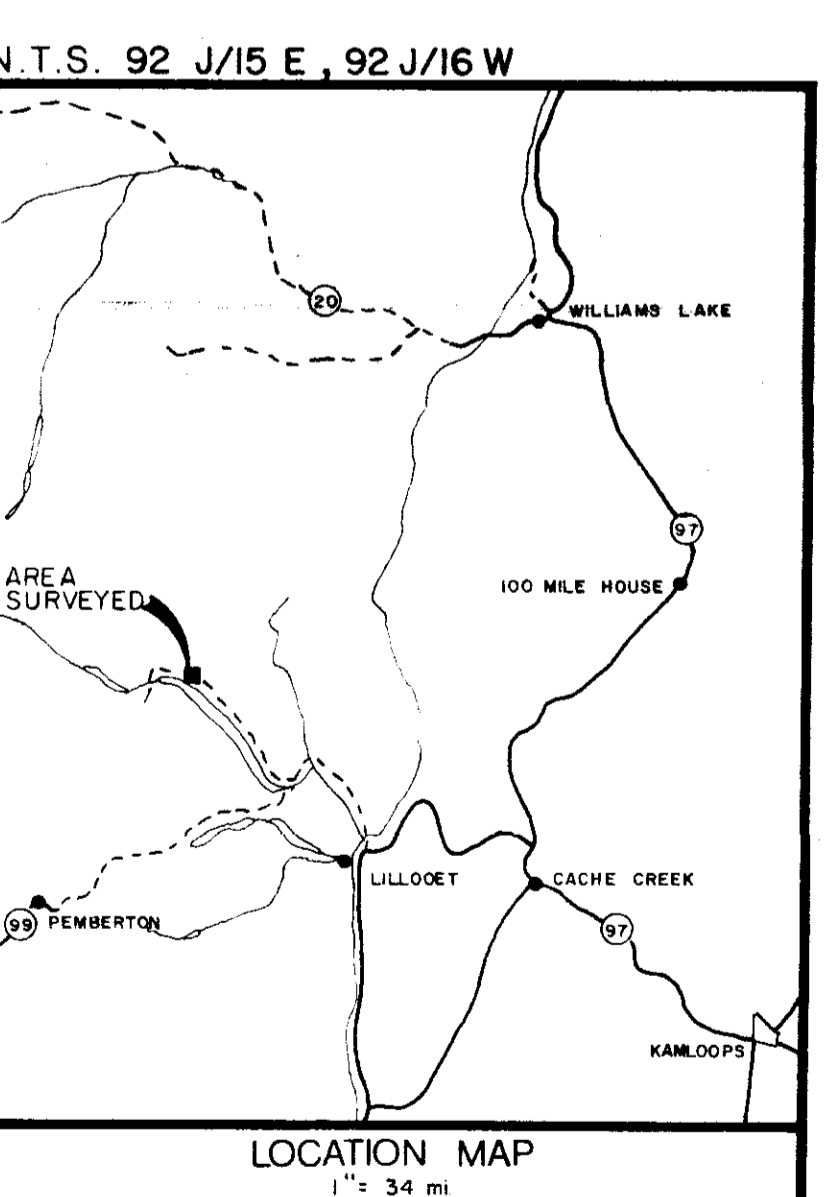
To Accompany Geophysical Report on
Date: _____
By GLEN E. WHITE - B.Sc.
GLEN E. WHITE
PROFESSIONAL
ENGINEER
GEOPHYSICIST





LEGEND:
ROAD
CLIFFS

MAGNETIC KEY
750
700
650
600
500
400
GAMMAS



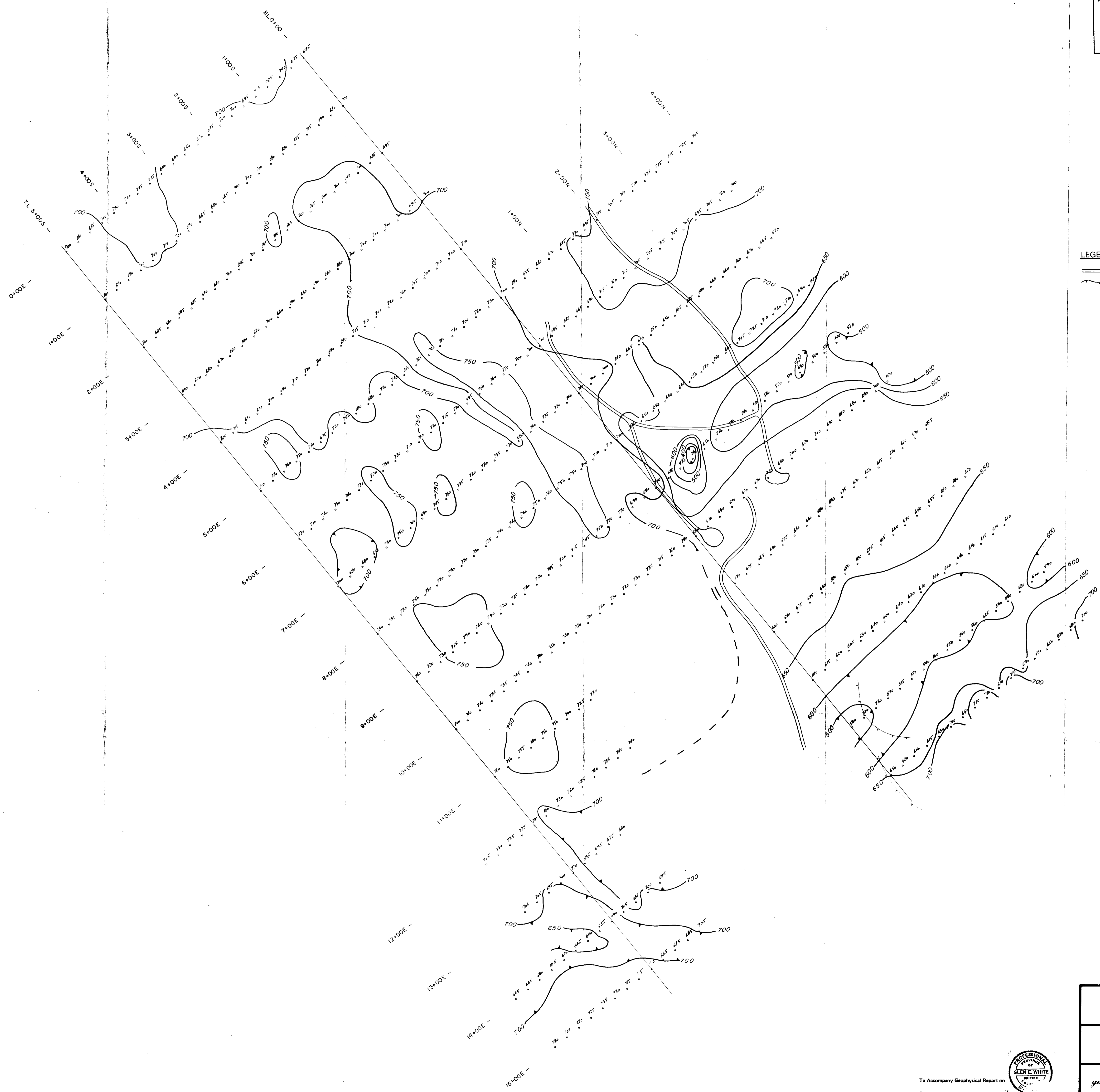
QUINTO MINING CORPORATION
MARSHALL RIDGE PROJECT GRID 0-4
LILLOEET MINING DIVISION - BRITISH COLUMBIA

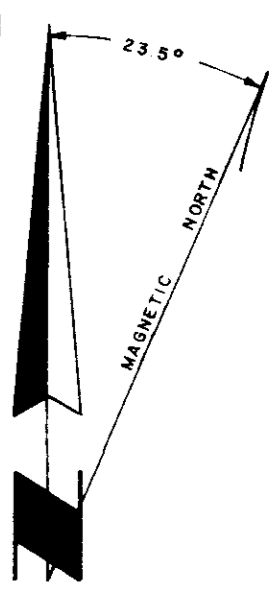
VERTICAL MAGNETIC INTENSITY
GAMMAS



To Accompany Geophysical Report on
Date:
By GLEN E. WHITE - B.Sc. GEOPHYSICIST

Interpreted By: E.T.P.
Drawn By: N.L.P.
Checked By: E.T.P.
Date: AUG./81
Fig. No.: 26

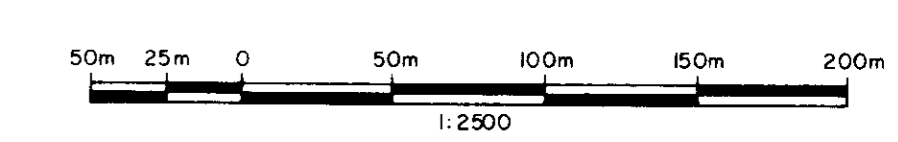
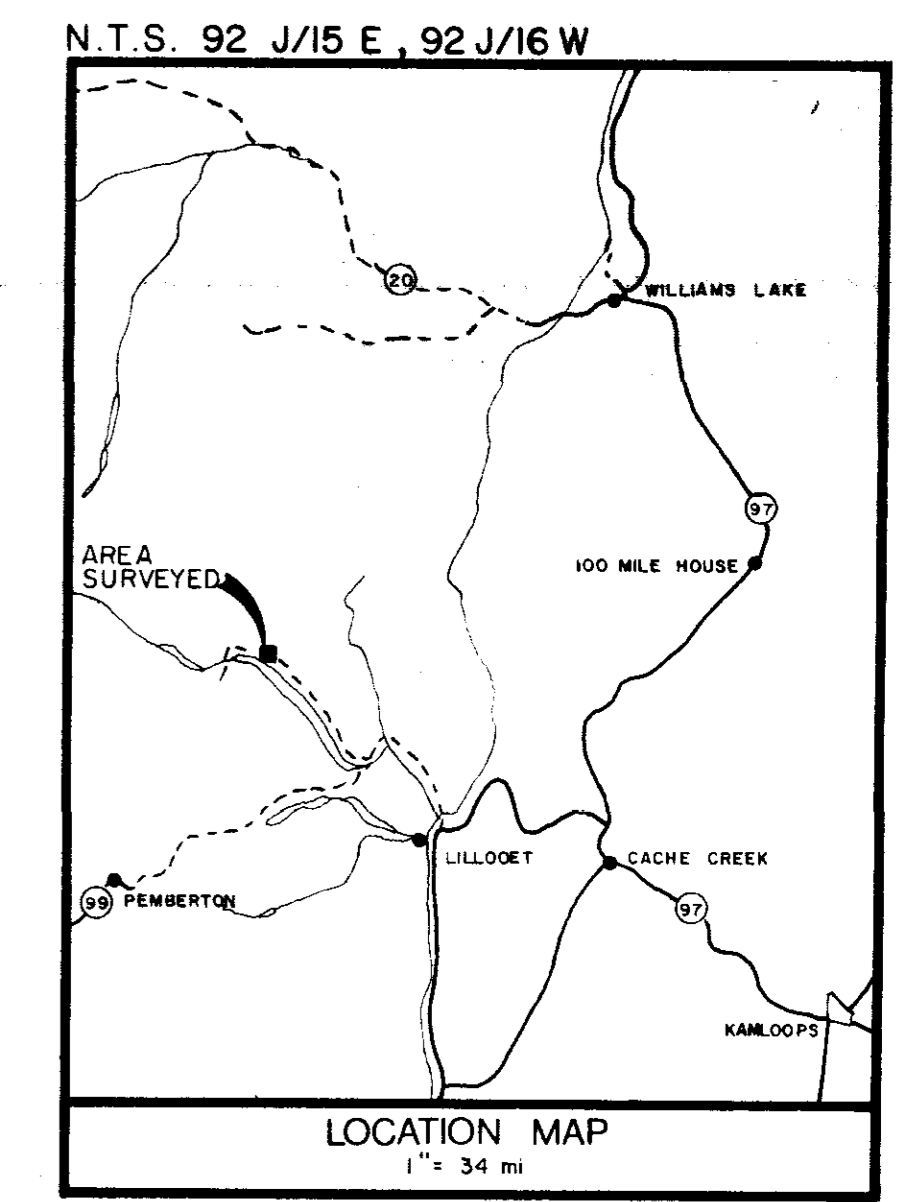
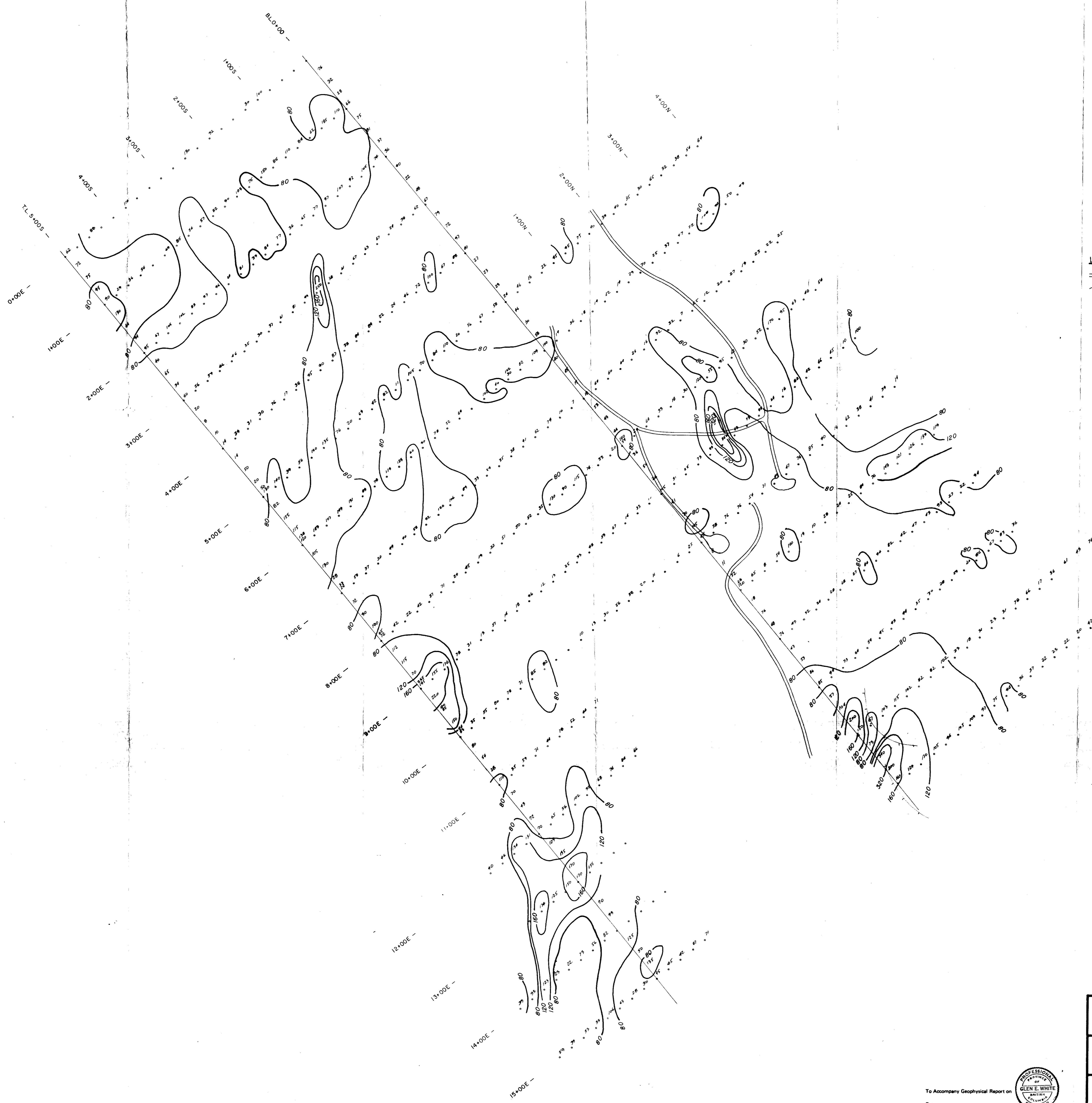




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 CLIFF

GEOCHEMICAL KEY

 COPPER PPM.



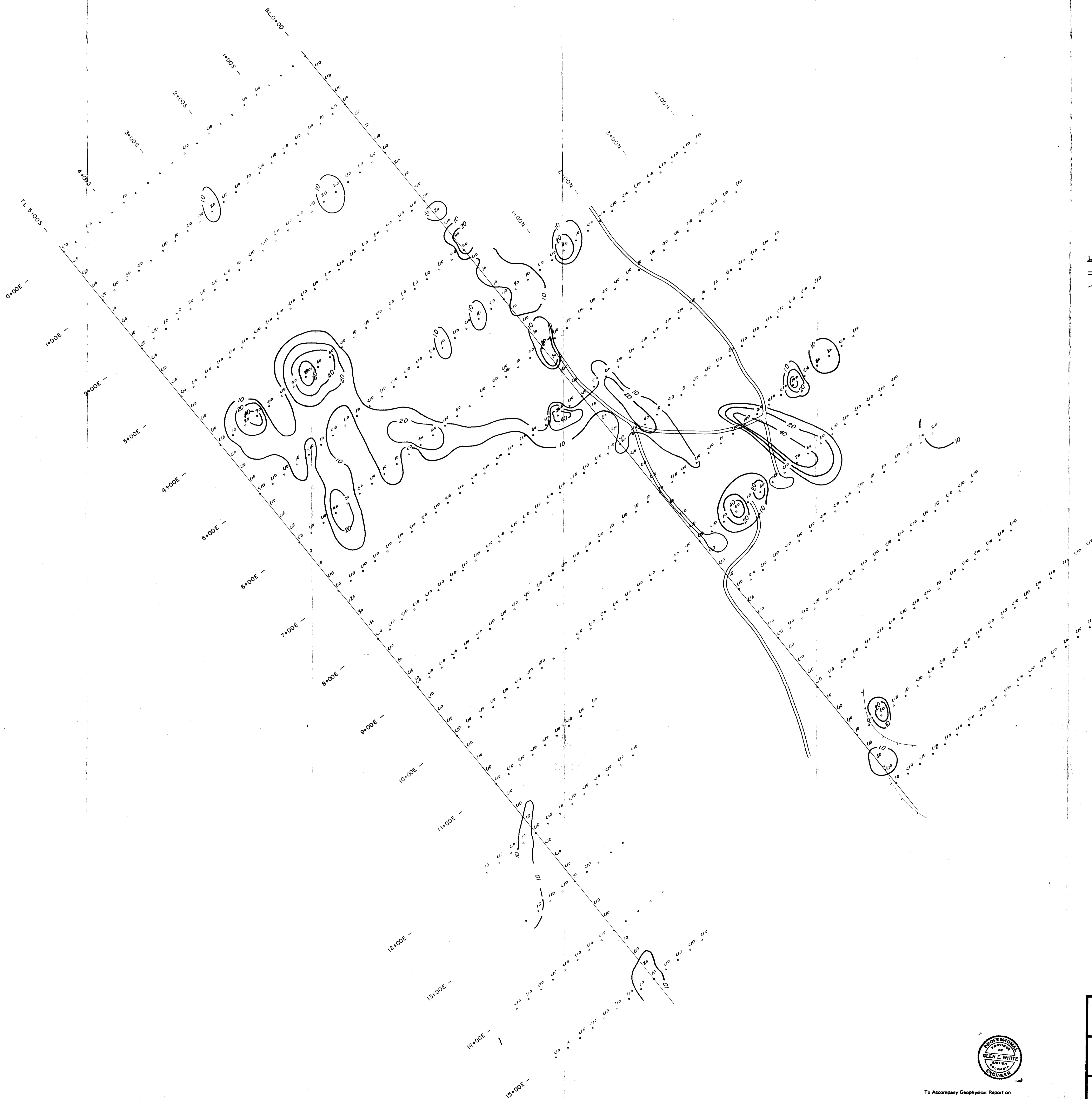
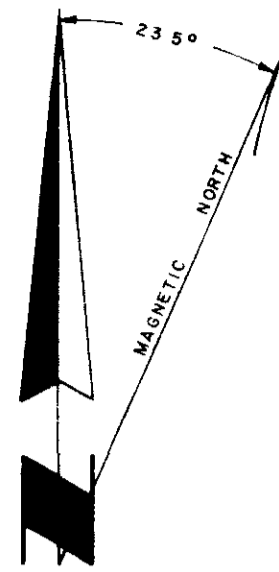
QUINTO MINING CORPORATION
 MARSHALL RIDGE PROJECT GRID Q-4
 LILLOOET MINING DIVISION - BRITISH COLUMBIA

GEOCHEMICAL MAP
 COPPER PPM.

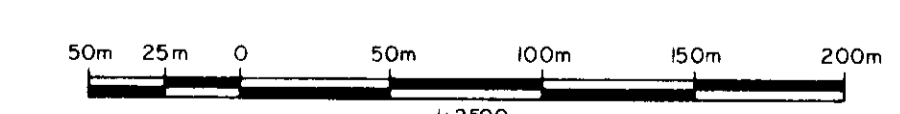
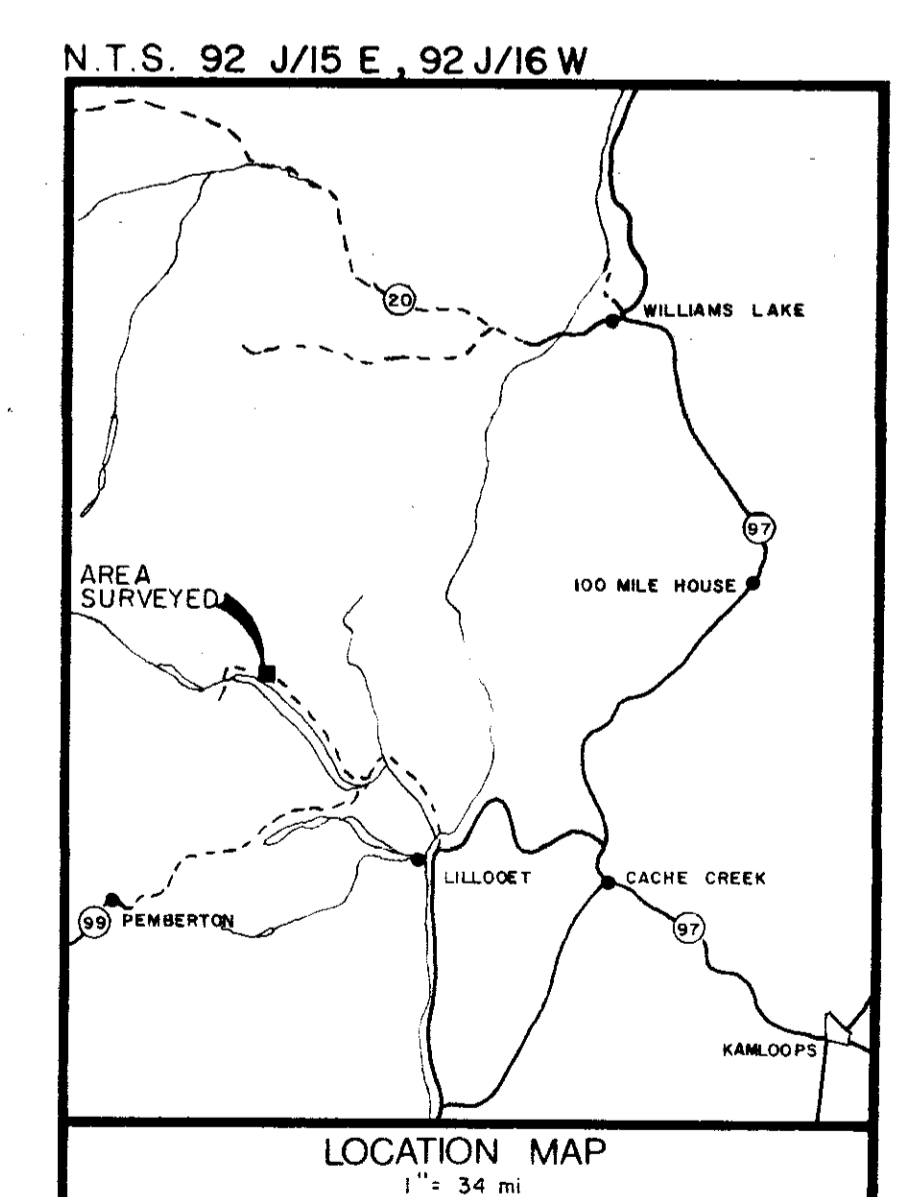
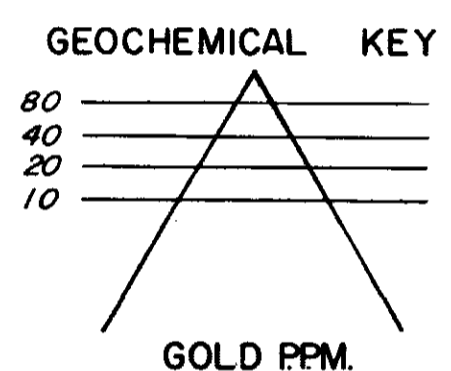
Glen E. White
 geophysical consulting
 services Ltd.

Interpreted By: E.T.P.
 Drawn By: N.L.P.
 Checked By: E.T.P.
 Date: AUG. 81
 Fig. No.: 27

To accompany Geophysical Report on
 Date: _____
 By GLEN E. WHITE - B.Sc. **GEOPHYSICIST**



LEGEND:
 ROAD
 CLIFF

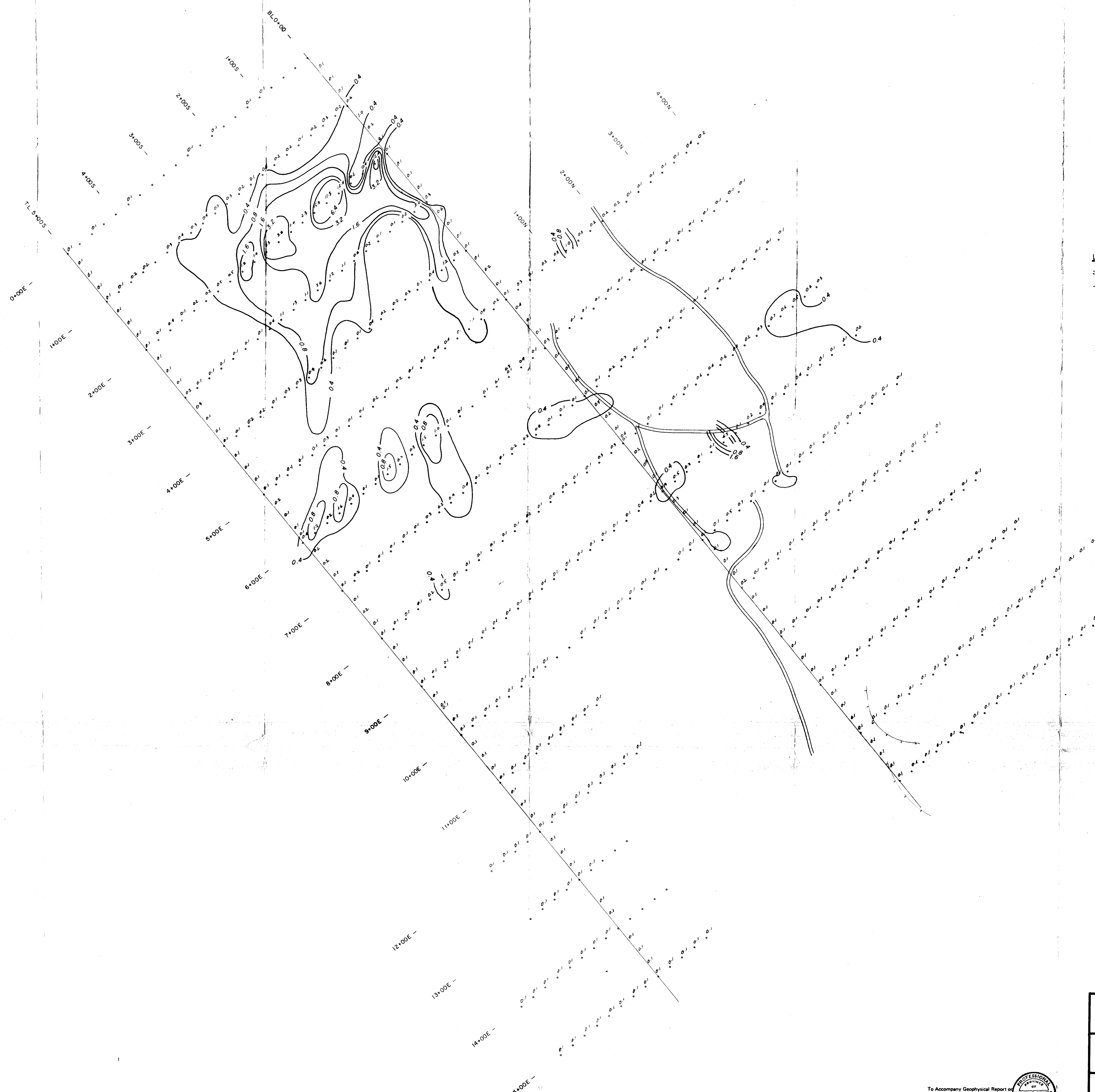
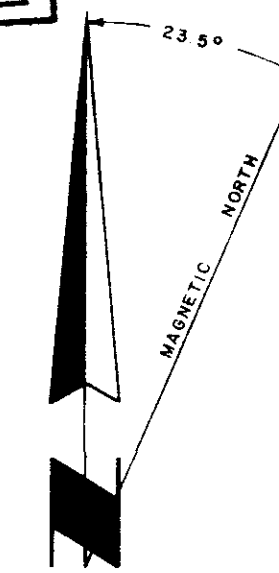


To Accompany Geophysical Report on
 Date: _____
 By: GLEN E. WHITE - B.S. _____ GEOPHYSICIST

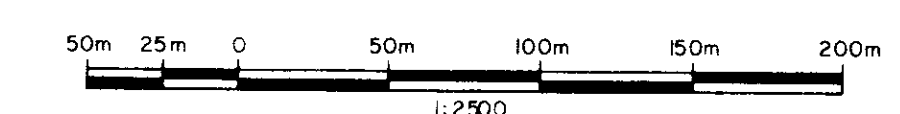
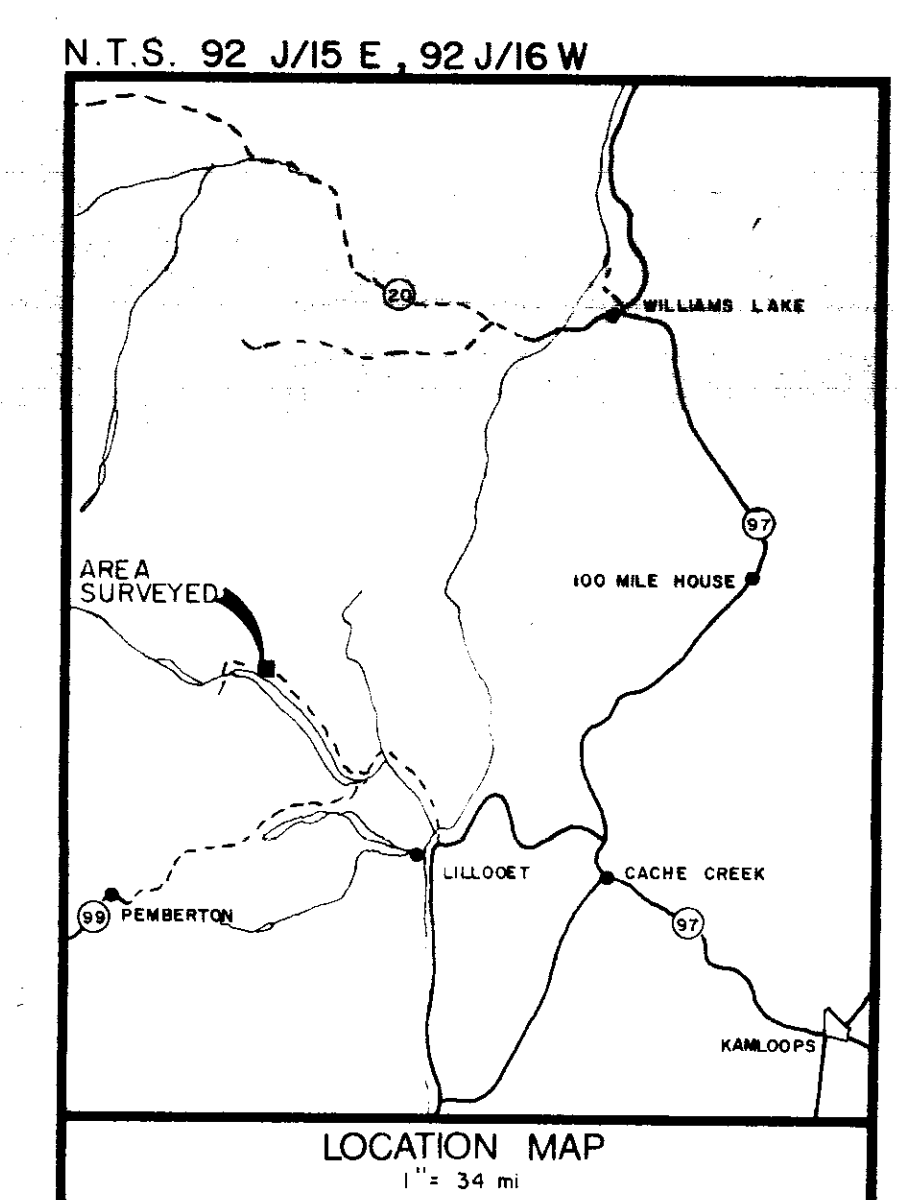
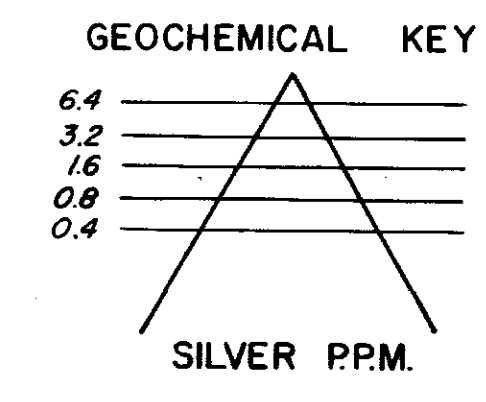
QUINTO MINING CORPORATION
 MARSHALL RIDGE PROJECT GRID Q-4
 LILLOOET MINING DIVISION - BRITISH COLUMBIA

GEOCHEMICAL MAP
 GOLD PPM.

<i>Glen E. White</i> geophysical consulting services Ltd.	Interpreted By: E.T.P. Drawn By: N.L.P. Checked By: E.T.P. Date: AUG. / 81 Fig. No.: 28
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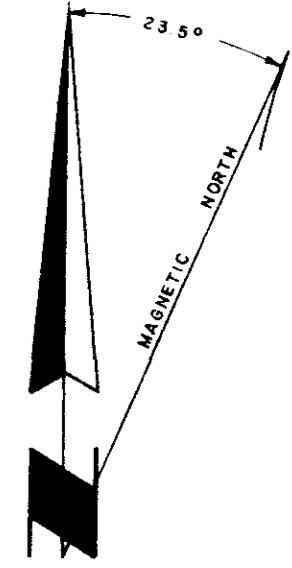
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 ROAD
 CLIFF


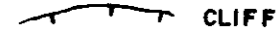


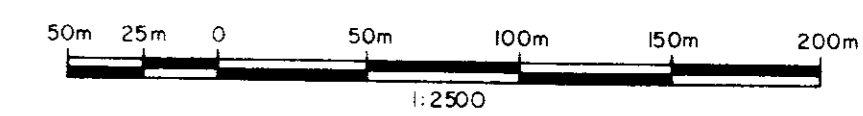
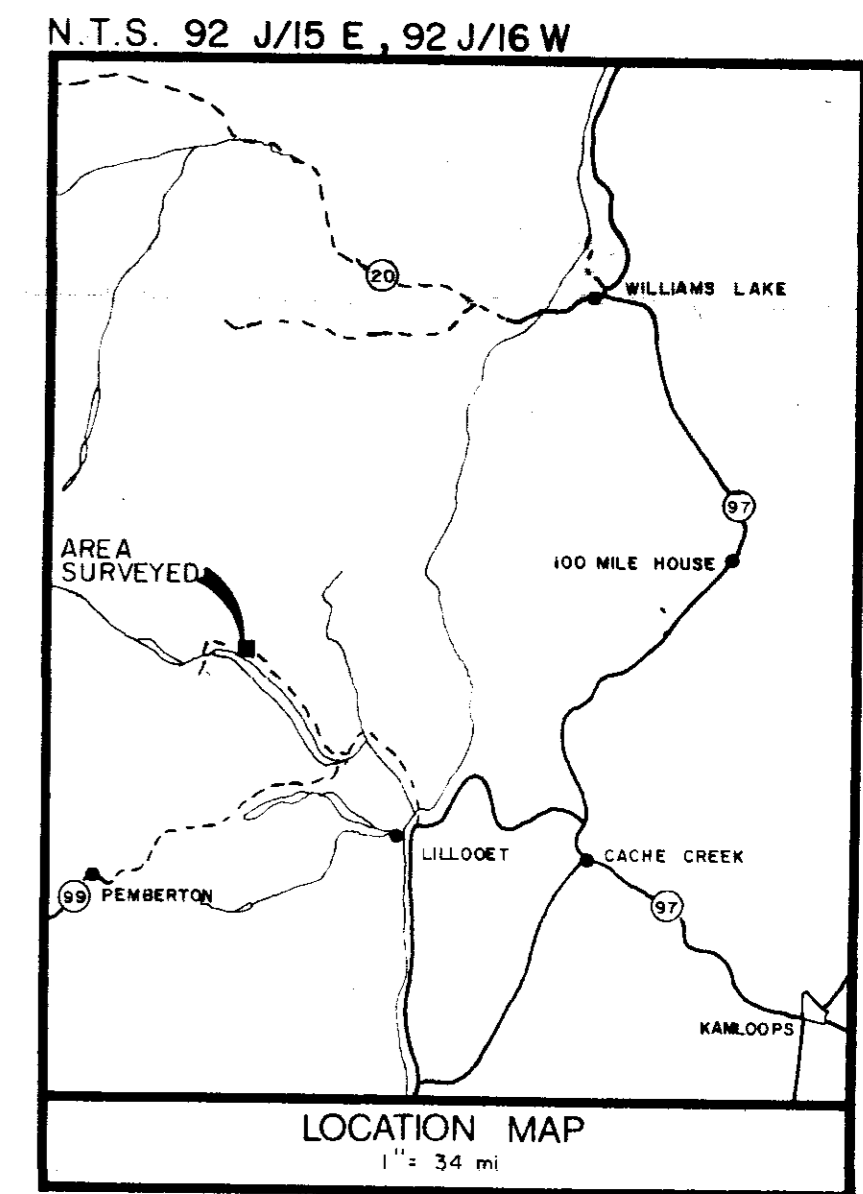
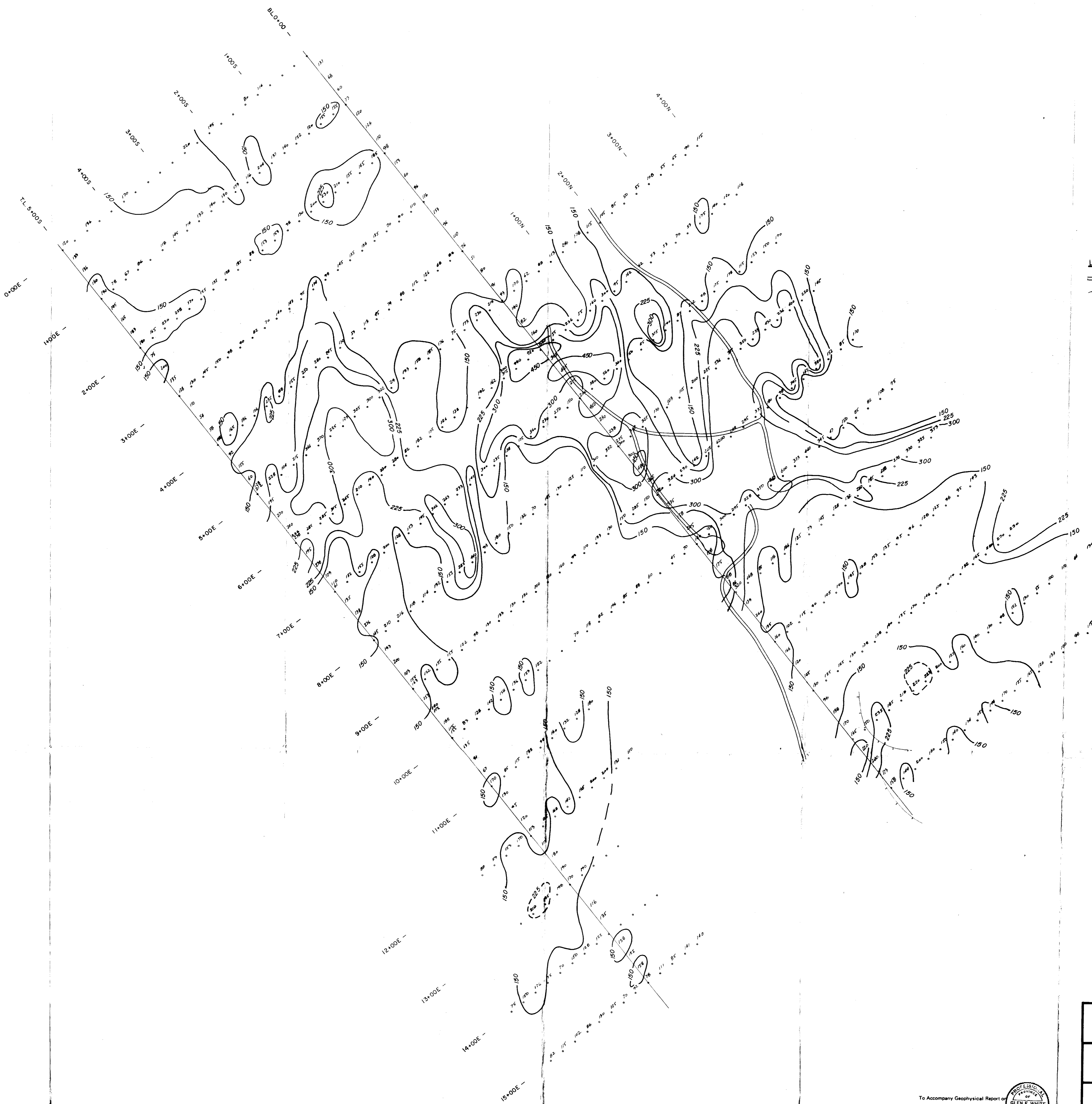
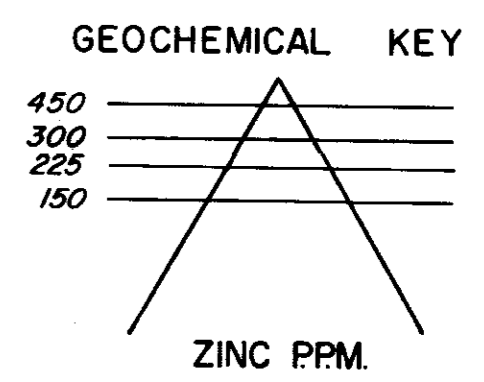
QUINTO MINING CORPORATION
 MARSHALL RIDGE PROJECT GRID Q-4
 LILLOOET MINING DIVISION - BRITISH COLUMBIA

GEOCHEMICAL MAP
 SILVER P.P.M.

Interpreted By: E.T.P. Drawn By: N.L.P. Checked By: E.T.P. Date: AUG. 7/81 Fig. No.: 29	To Accompany Geophysical Report of By GLEN E. WHITE - B.Sc. GLEN E. WHITE geophysical consulting & services Ltd.
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LEGEND:
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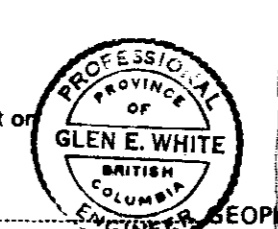
QUINTO MINING CORPORATION
MARSHALL RIDGE PROJECT GRID Q-4
 LILLOOET MINING DIVISION - BRITISH COLUMBIA

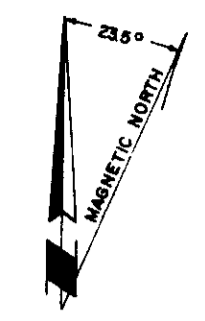
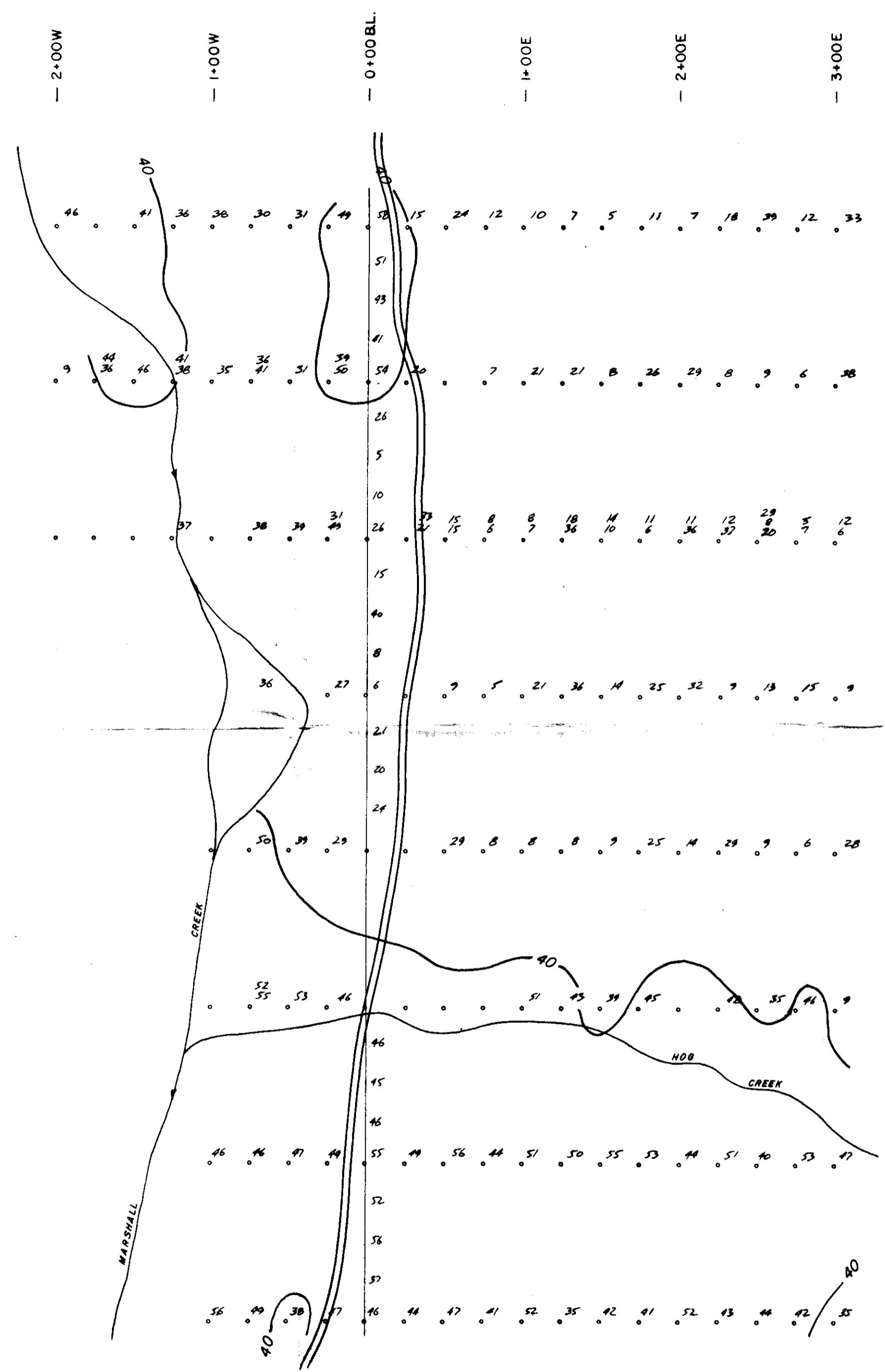
GEOCHEMICAL MAP
 ZINC PPM.

Interpreted By: E.T.P.
Drawn By: N.L.P.
Checked By: E.T.P.
Date: AUG / 81
Fig No.: 30

Glen E. White
 geophysical consulting
 resources ltd.

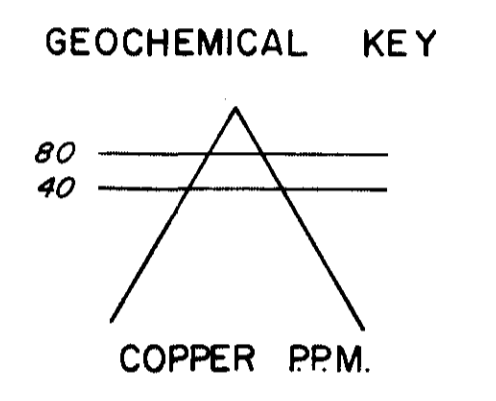
To Accompany Geophysical Report of
 Date: _____
 By GLEN E. WHITE, B.Sc.
 REGISTERED GEOPHYSICIST



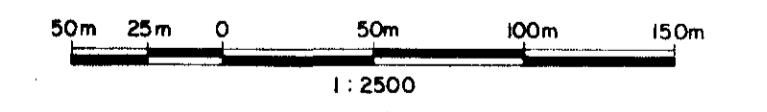
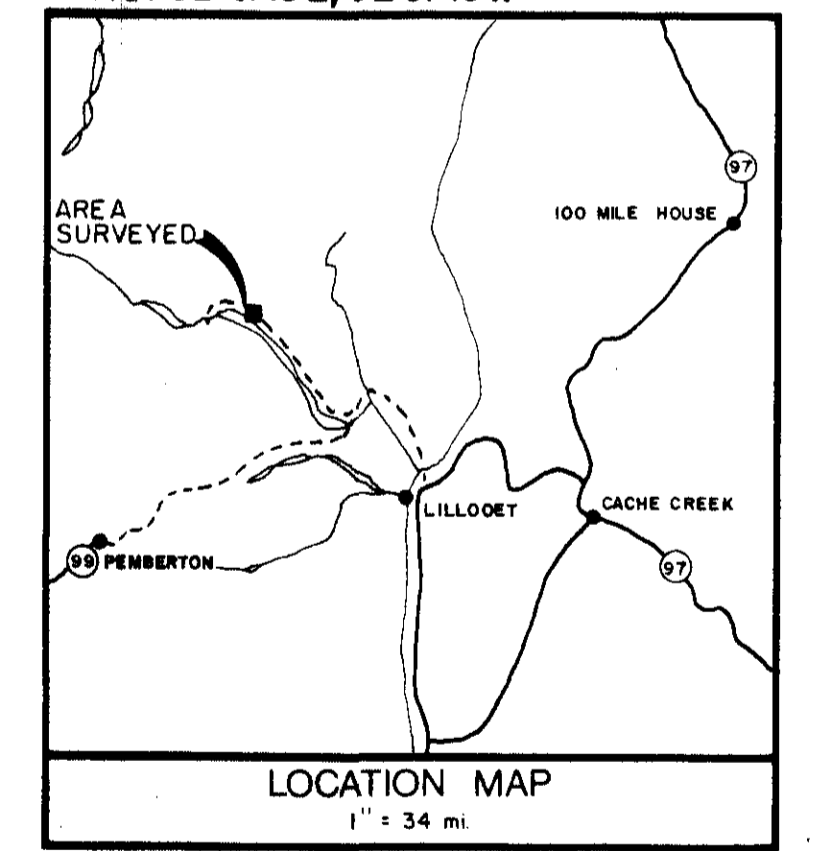


LEGEND:
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MINERAL RESOURCES BRANCH
 ASSESSMENT REPORT
10,453
 No.



N.T.S. 92 J/15E, 92 J/16W

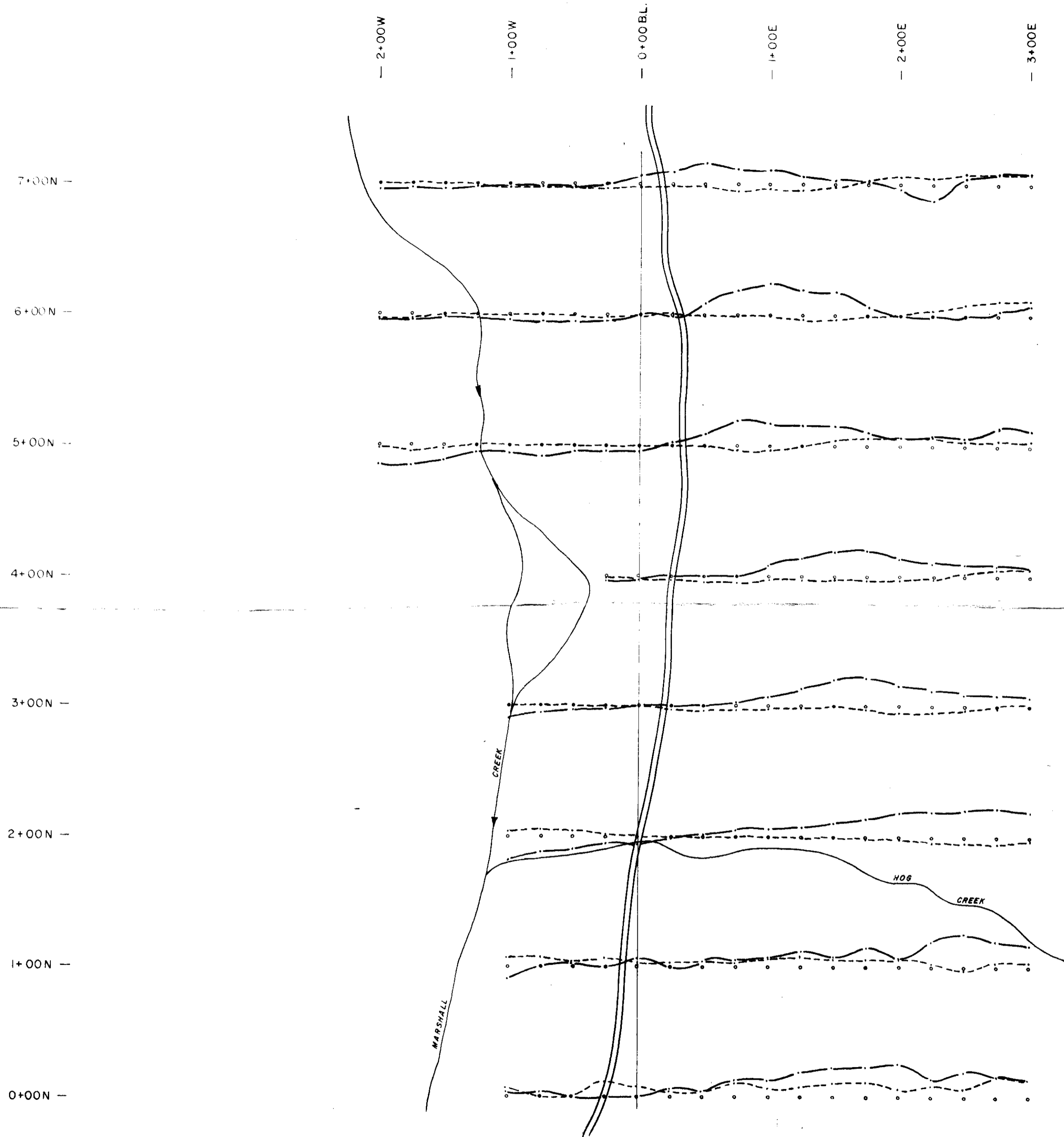


QUINTO MINING CORPORATION
 MARSHALL RIDGE PROJECT GRID Q-1
 LILLOOET MINING DIVISION - BRITISH COLUMBIA

GEOCHEMICAL MAP
 COPPER P.P.M.

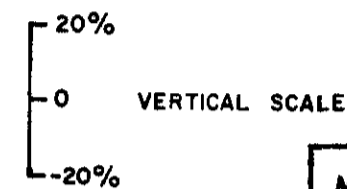
Glen E. White geophysical consulting services Ltd.	Interpreted By: E. T. P.
	Drawn By: N. L. P.
	Checked By: E. T. P.
	Date: AUG. / 81
Fig No.: 6	

To Accompany Geophysical Report on
 Date:
 By GLEN E. WHITE - B.Sc. GEOPHYSICIST

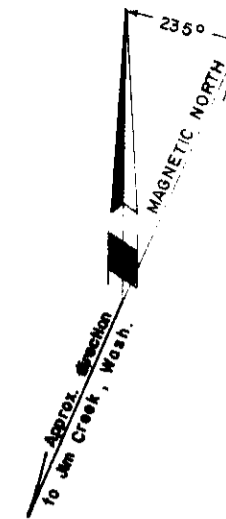


LEGEND

- ROAD
- STREAM
- INPHASE COMPONENT
- QUADRATURE COMPONENT

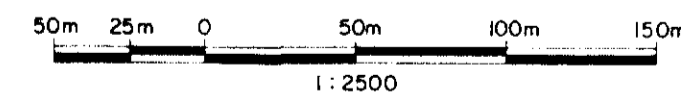
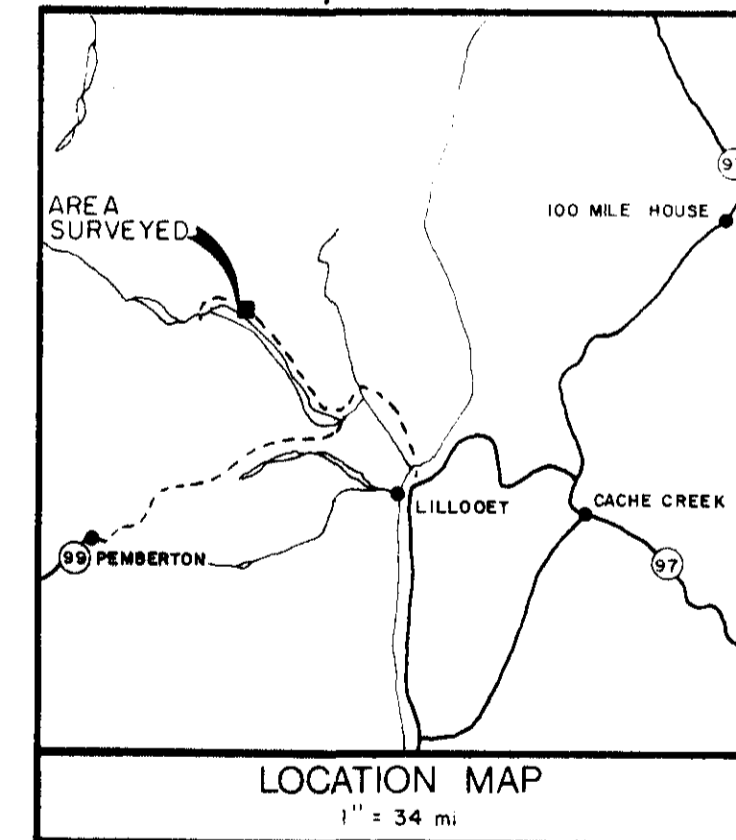


MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
10,453
N.



INSTRUMENT - Geonics EM-16

N.T.S. 92 J/15E, 92 J/16W



QUINTO MINING CORPORATION
MARSHALL RIDGE PROJECT GRID Q-1
LILLOOET MINING DIVISION - BRITISH COLUMBIA

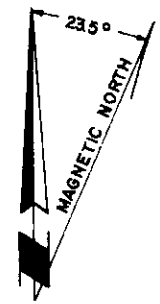
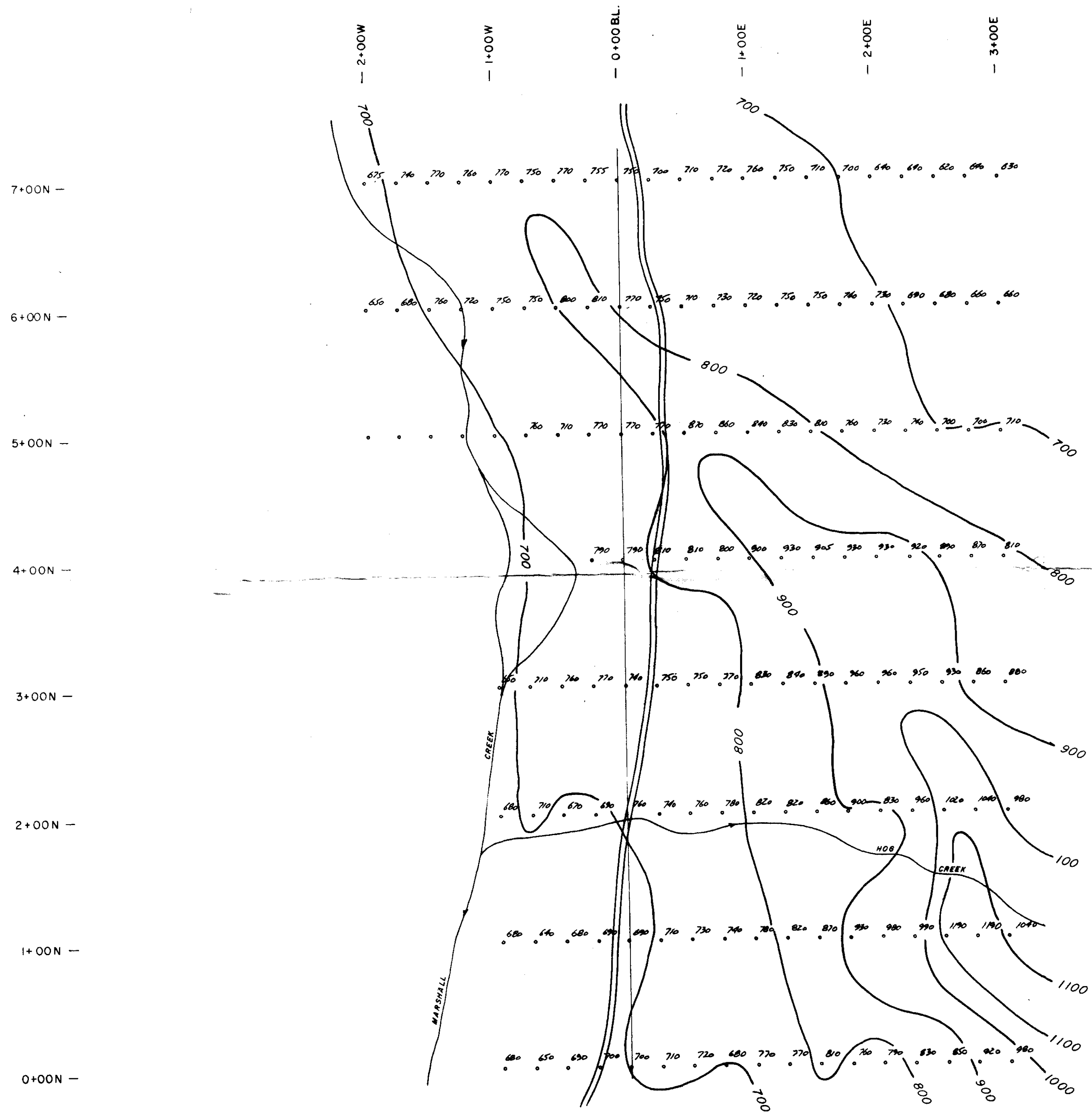
VLF - EM SURVEY
INPHASE AND QUADRATURE COMPONENTS

Glen E. White geophysical consulting services Ltd.	Interpreted By: E.T.P.
	Drawn By: N.L.P.
	Checked By: E.T.P.
	Date: AUG 781
	Page No: 3

To Accompany Geophysical Report of
Date
By GLEN E. WHITE, P. Eng.

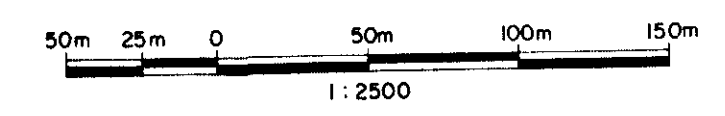
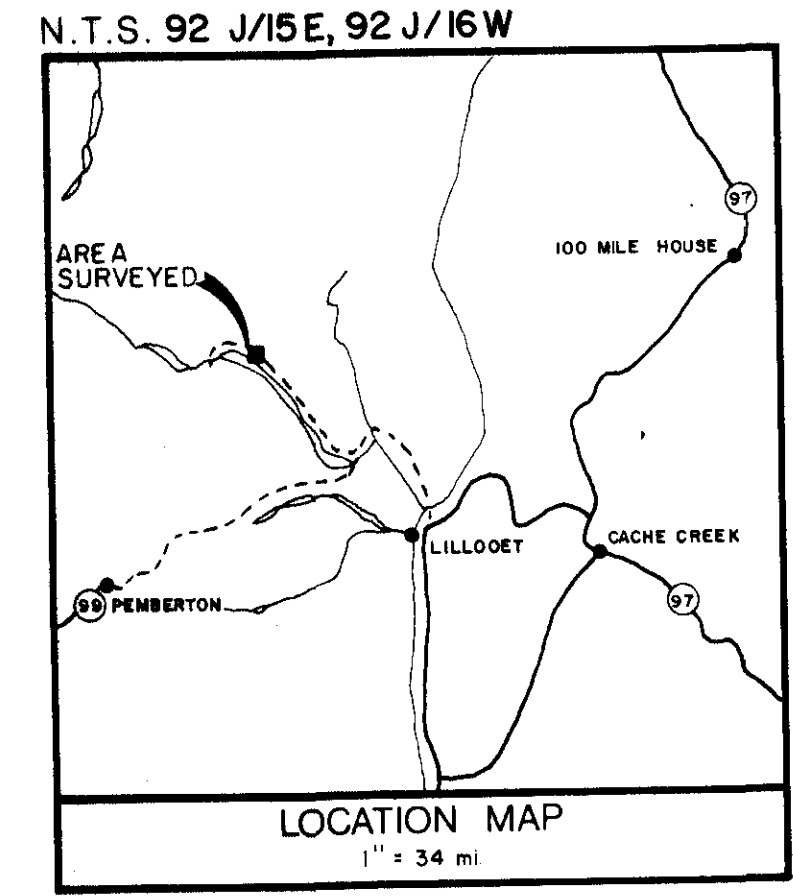
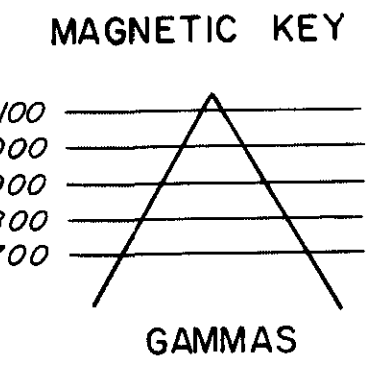


Geophysicist



LEGEND:
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 ——— STREAM

MINERAL RESOURCES BRANCH
 ASSESSMENT REPORT
10,453
 NO.

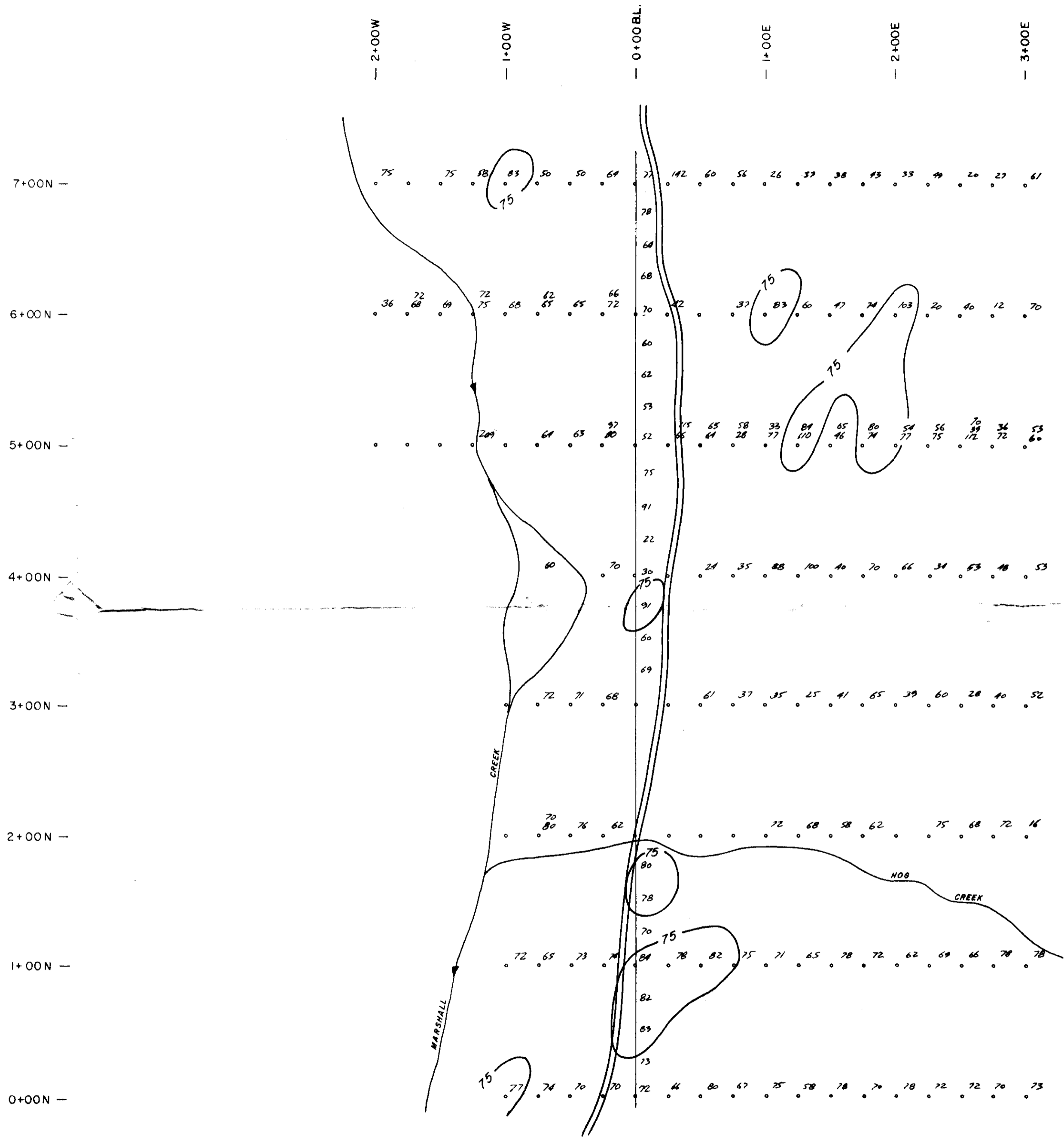


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 MARSHALL RIDGE PROJECT GRID Q-1
 LILLOOET MINING DIVISION - BRITISH COLUMBIA

VERTICAL MAGNETIC INTENSITY
 GAMMAS

Glen E. White geophysical consulting services Ltd.	Interpreted By E.T.P.
	Drawn By N.L.P.
	Checked By E.T.P.
	Date AUG. / 81
Fig No 5	

To Accompany Geophysical Report of
 Date
 By GLEN E. WHITE - B.Sc. GEOPHYSICIST

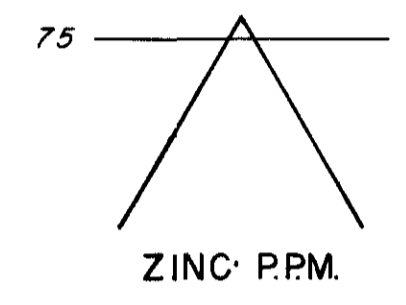


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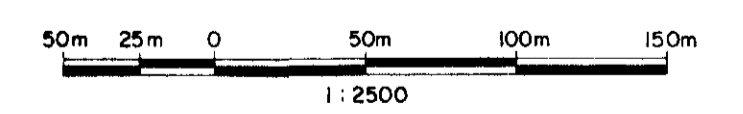
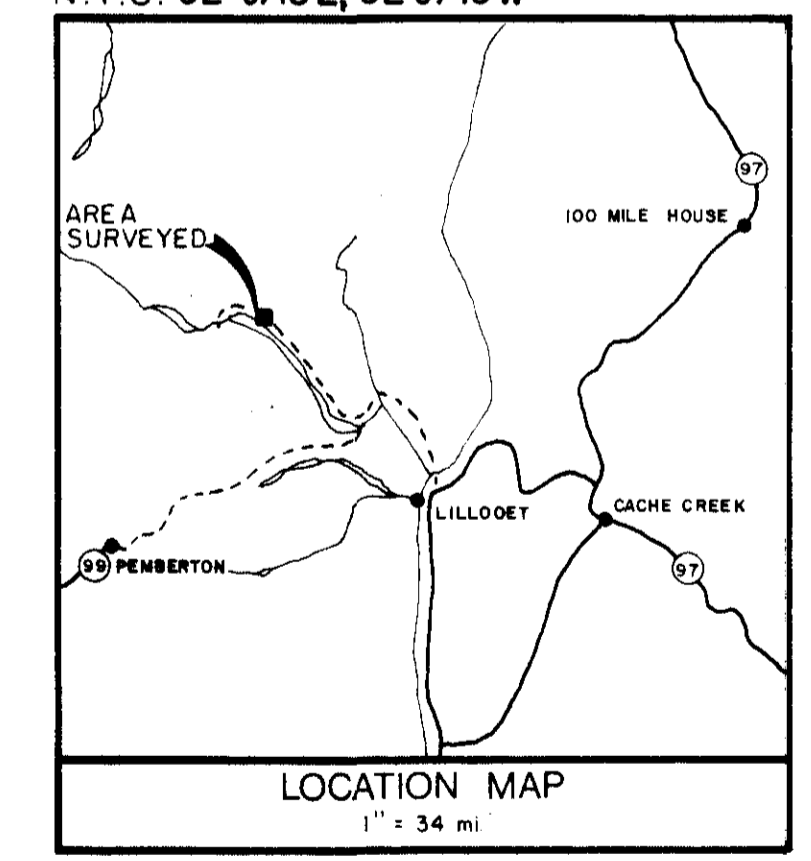
- == ROAD
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MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
10453
No.

GEOCHEMICAL KEY



N.T.S. 92 J/15E, 92 J/16W

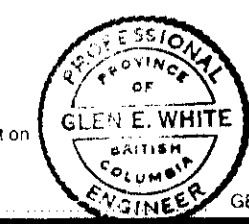


QUINTO MINING CORPORATION
MARSHALL RIDGE PROJECT - GRID Q-1
LILLOOET MINING DIVISION - BRITISH COLUMBIA

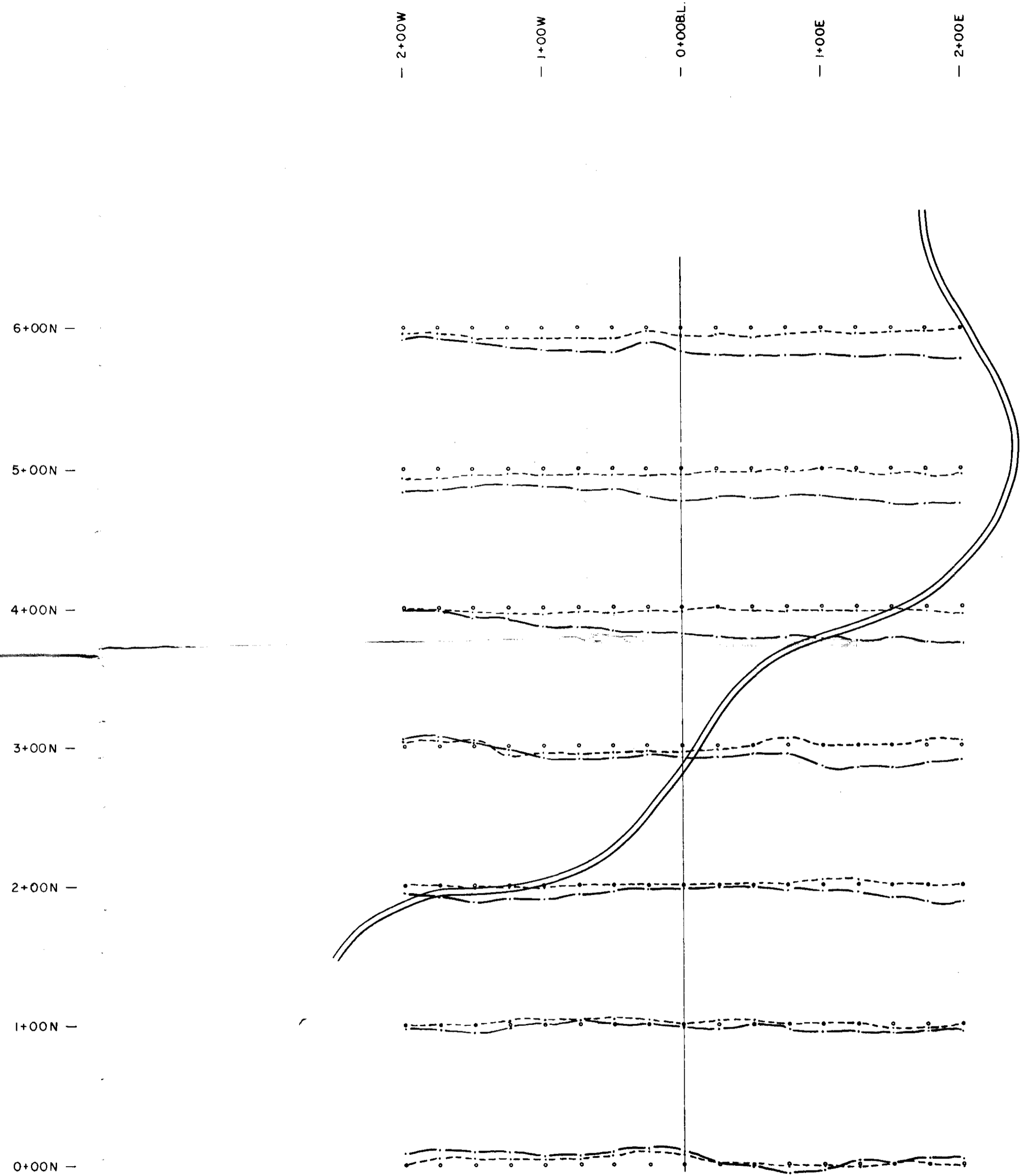
GEOCHEMICAL MAP
ZINC P.P.M.

<i>Glen E. White</i> geophysical consulting services Ltd.	Interpreted By: E.T.P.
	Drawn By: N.L.P.
	Checked By: E.T.P.
	Date: AUG/81
	Fig No: 9

To Accompany Geophysical Report on
Date
By GLEN E. WHITE - B.Sc.

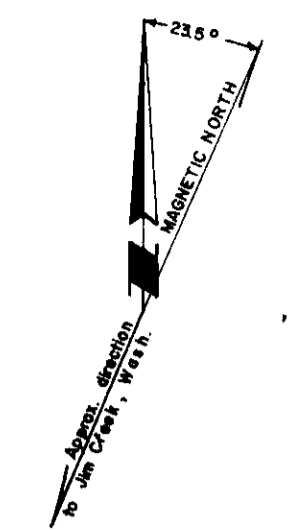
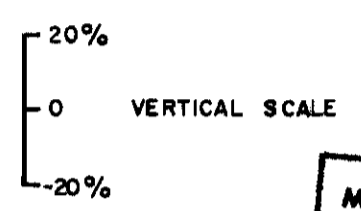


GEOPHYSICIST



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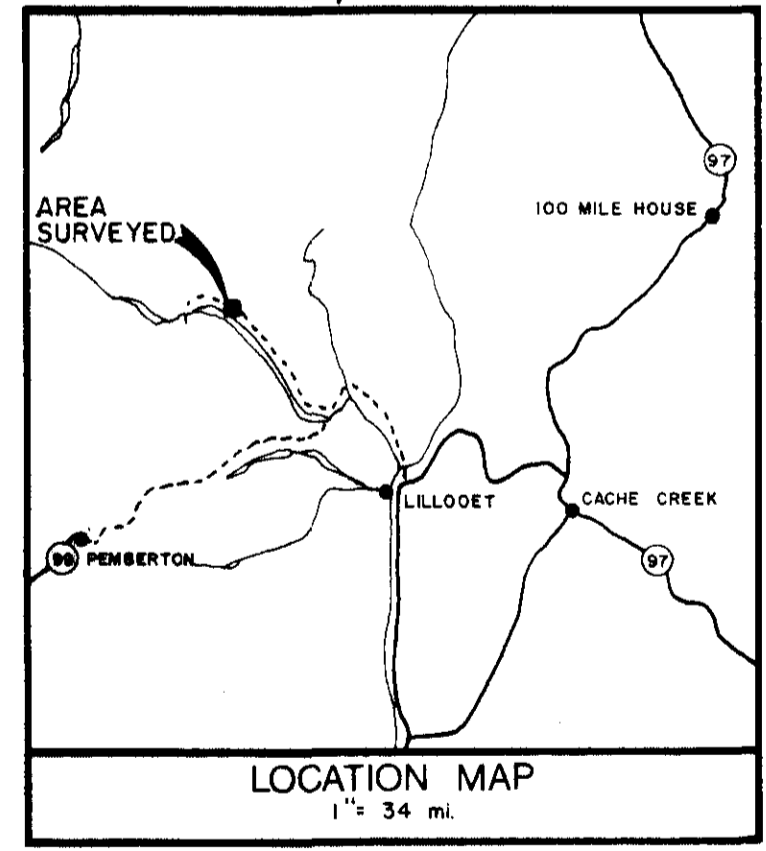
- ROAD
- INPHASE COMPONENT
- - - QUADRATURE COMPONENT



MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
10,453
HG

INSTRUMENT - Geonics EM - 16


N.T.S. 92 J/15 E, 92 J/16 W

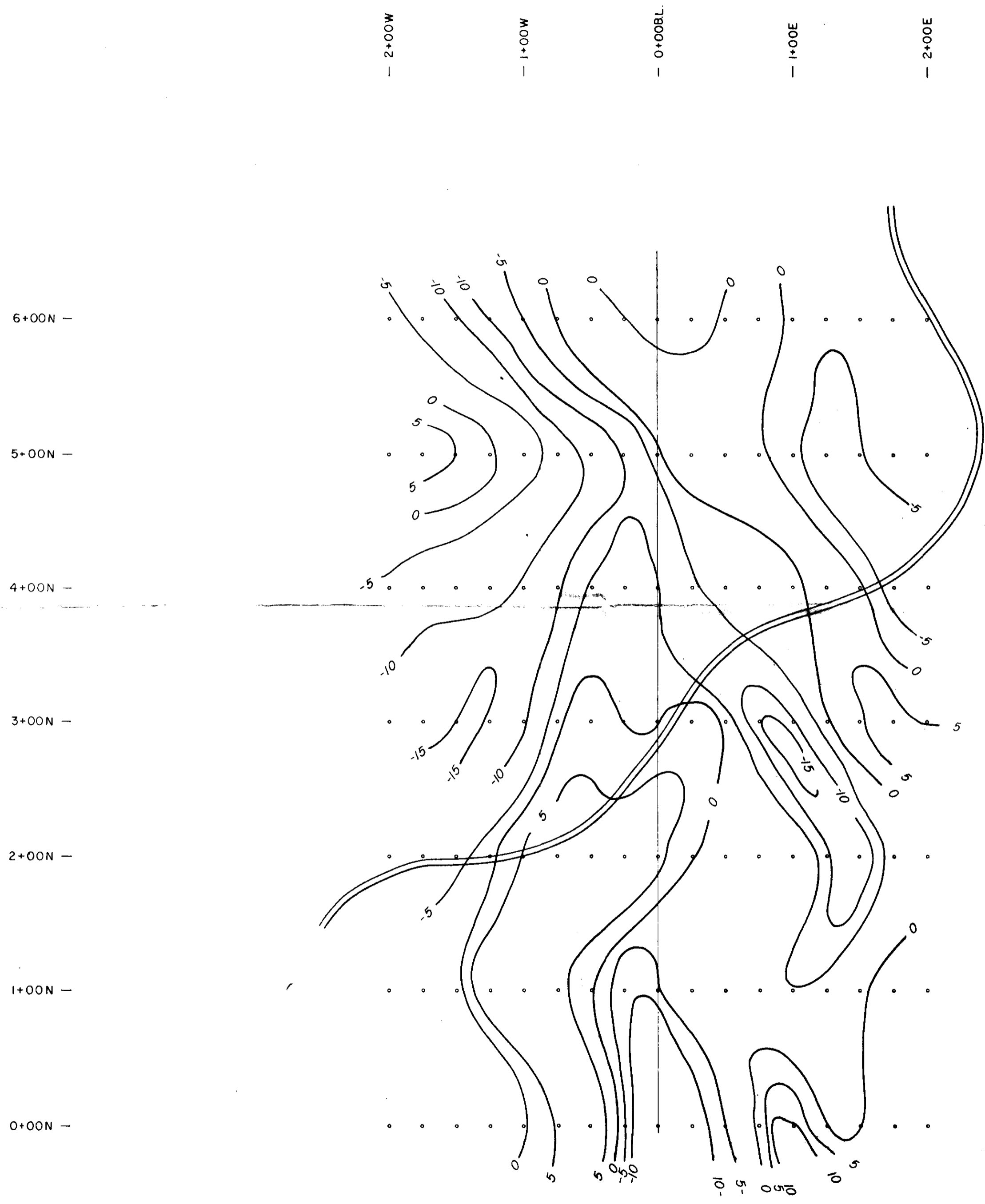


QUINTO MINING CORPORATION
MARSHALL RIDGE PROJECT GRID Q-2
LILLOOET MINING DIVISION - BRITISH COLUMBIA

VLF - EM SURVEY
INPHASE AND QUADRATURE
COMPONENTS

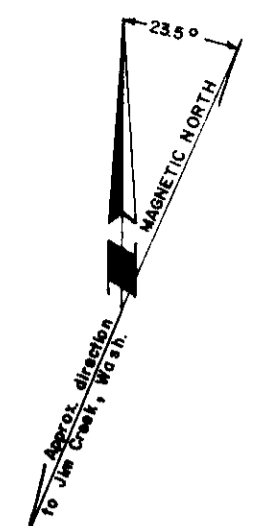
<i>Glen E. White</i> geophysical consulting & services Ltd.	Interpreted By: E.T.P.
	Drawn By: N.L.P.
	Checked By: E.T.P.
	Date: AUG. / 81
Fig No. 10	

To Accompany Geophysical Report on
Date:
By GLEN E. WHITE - B.Sc.  GEOPHYSICIST



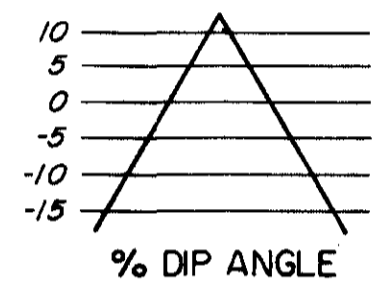
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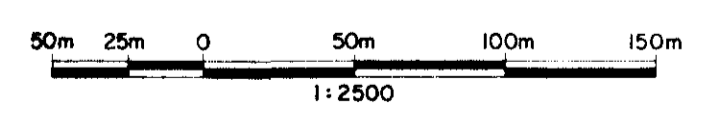
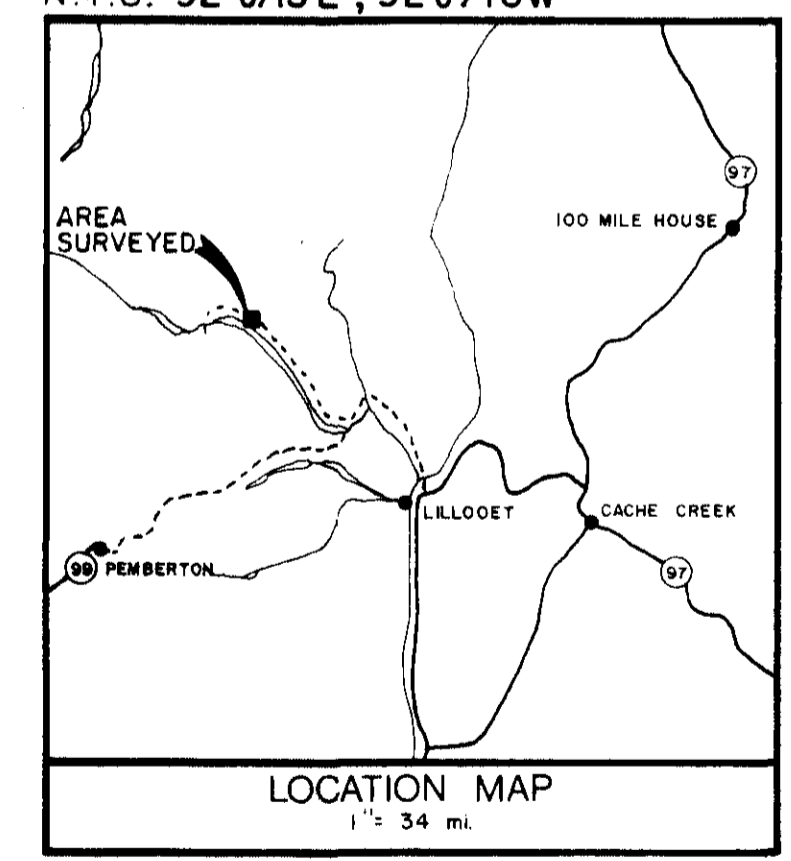
MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
10453

VLF-EM KEY



INSTRUMENT - Geonics EM - 16

N.T.S. 92 J/15 E, 92 J/16 W



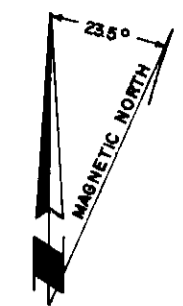
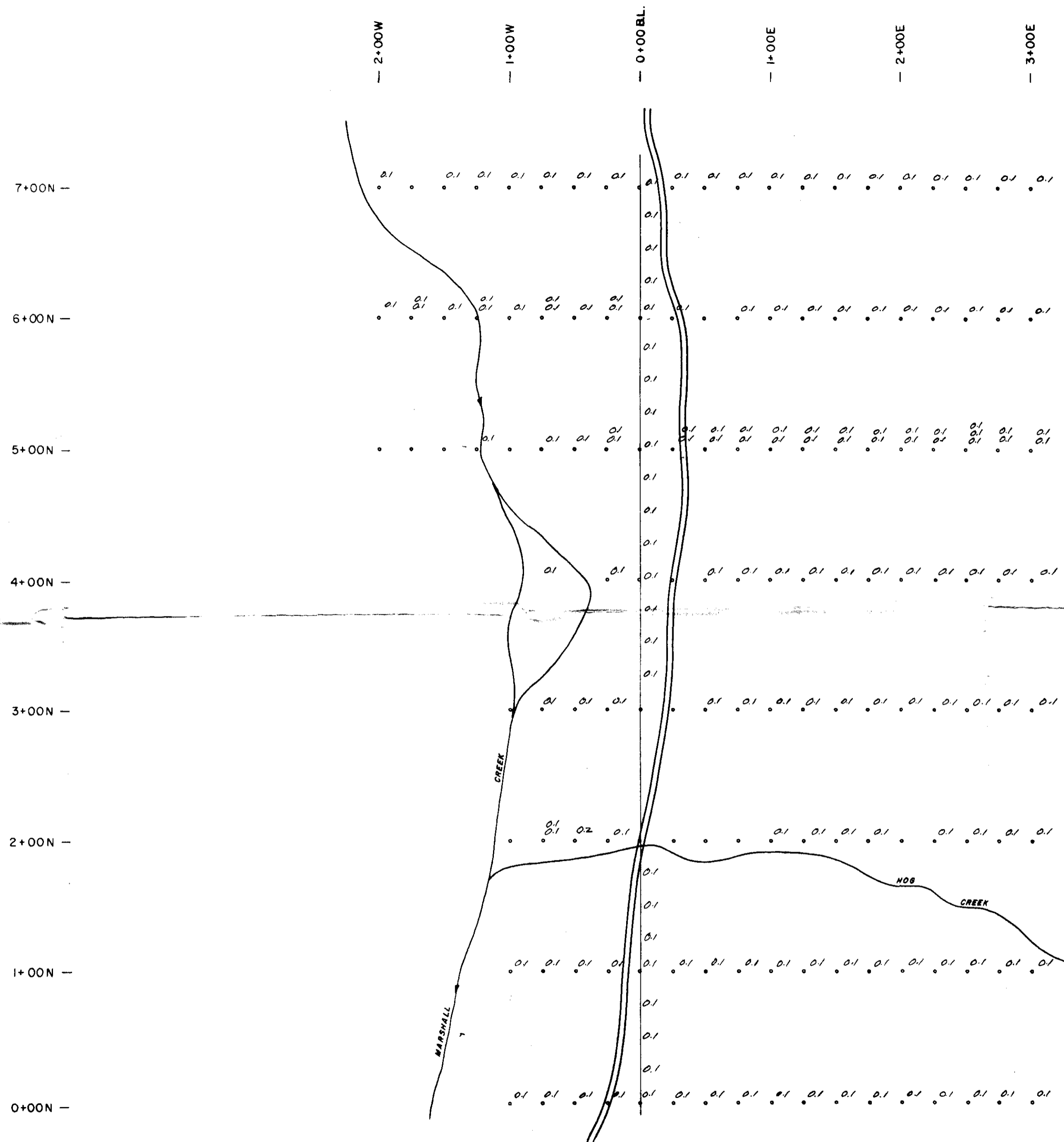
QUINTO MINING CORPORATION
MARSHALL RIDGE PROJECT GRID Q-2
LILLOOET MINING DIVISION - BRITISH COLUMBIA
VLF - EM SURVEY
FRAZER FILTERED DIP ANGLE
(PERCENT)

<i>Glen E. White</i> geophysical consulting services Ltd.	Interpreted By E.T.P. Drawn By N.L.P. Checked By E.T.P. Date AUG / 81 Fig No 11
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Date
By GLEN E. WHITE - B.Sc.

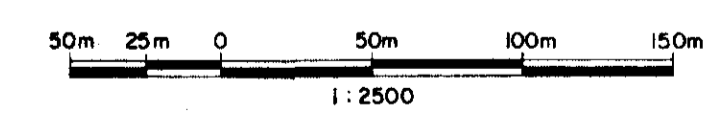
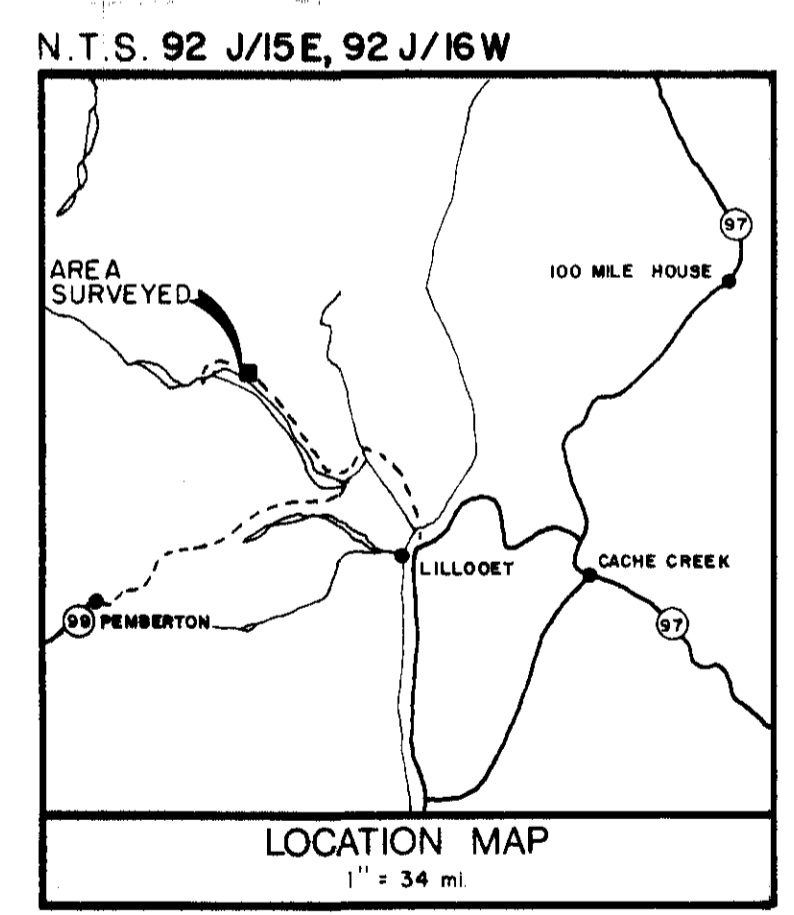


GEOPHYSICIST



LEGEND:
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 — STREAM

MINERAL RESOURCES BRANCH
 ASSESSMENT REPORT
10,453
 No.



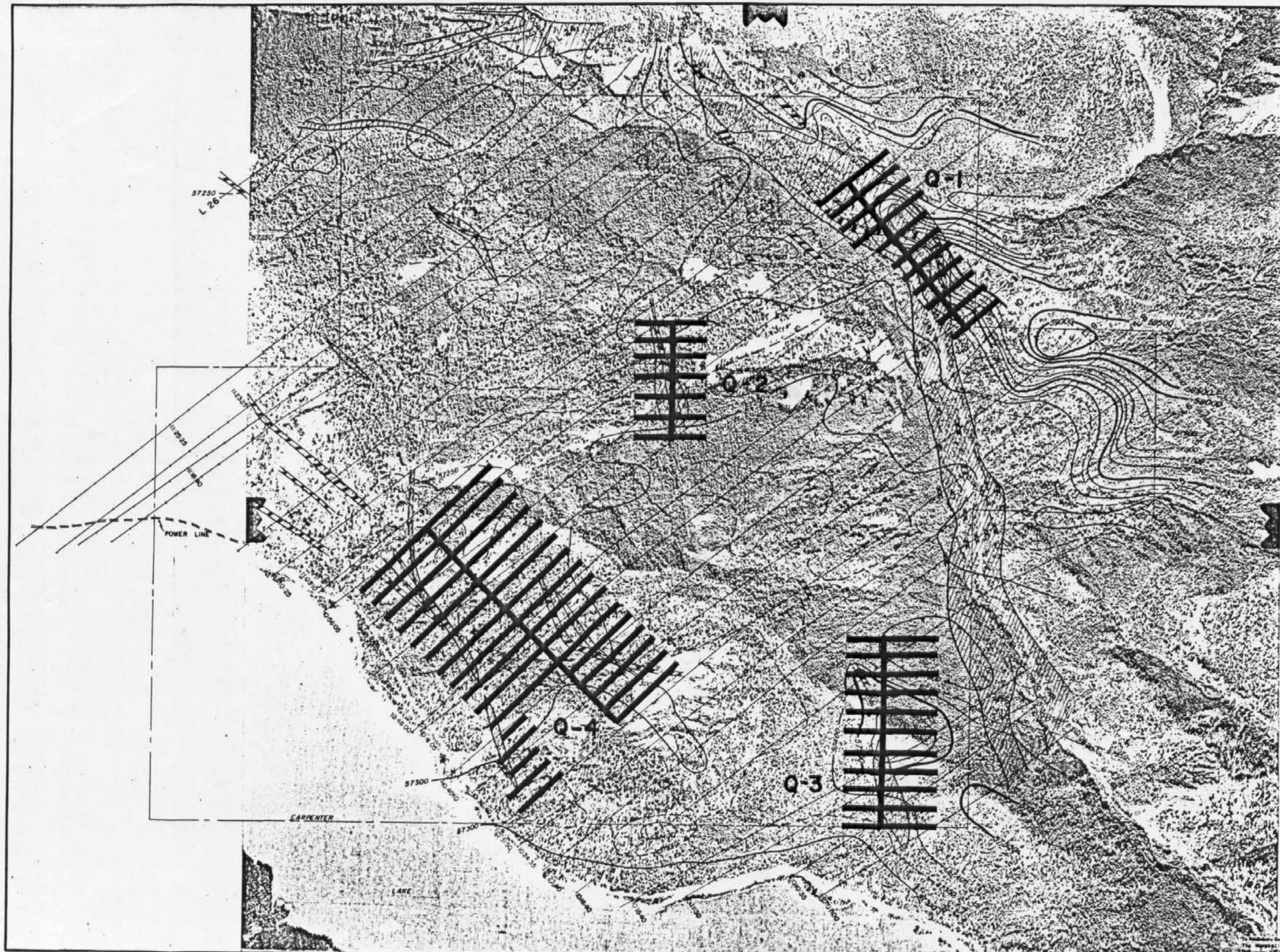
QUINTO MINING CORPORATION
 MARSHALL RIDGE PROJECT GRID Q-1
 LILLOOET MINING DIVISION - BRITISH COLUMBIA

GEOCHEMICAL MAP
 SILVER PPM.

<i>Glen E. White</i> geophysical consulting services Ltd.	Interpreted By: E. T.P.
	Drawn By: N.L.P.
	Checked By: E.T.P.
	Date: AUG / 81
	Fig. No: 8

To Accompany Geophysical Report on
 Date: _____
 By GLEN E. WHITE - B.Sc. _____
 GLEN E. WHITE
 BRITISH COLUMBIA
 ENGINEER
 GEOPHYSICIST

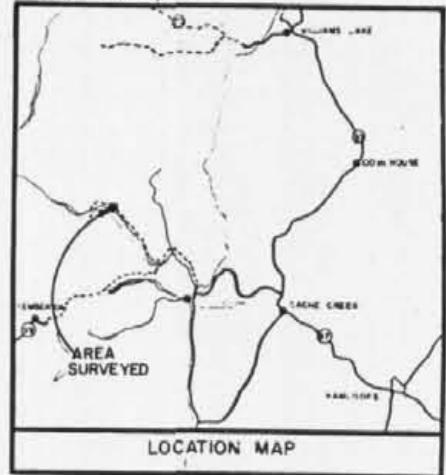
VANCA 1714



MINERAL RESOURCES BRANCH
ASSESSMENT REPORT

10,453
NO

NTS 92 J/15 E, 92 J16 W



QUINTO MINING CORPORATION
MARSHALL RIDGE PROJECT
LLOYD MINING DIVISION - BRITISH COLUMBIA

GRID LOCATION MAP

Glen E. White
geophysical consulting
services Ltd.

Drawn By: N.L.P.
Checked By: G.E.W.
Date: JUNE/81
Page No: 2