

PETER E. WALCOTT & ASSOC. LTD.

FILE NO: 0420
SECTION:

FILE NO:

A GEOPHYSICAL REPORT

FILMED

ON

MAGNETIC & ELECTROMAGNETIC SURVEYING

McLeod River Area, B.C.
54° 56' N, 123° 18' W
N.T.S. 93J/14

Claims surveyed: GN 6,7,8,11,16 & 17
HORN 1 & 4
SOL 1, 2 & 3

Survey Dates: August 25th - 27th,
Oct. 16th - Nov. 24th,
1989

Owners: EZEKIEL EXPLORATIONS LTD
APPIAN REOURCES LTD.
PLASWAY NATIONAL RESEARCH LTD

Operators: EZEKIEL EXPLORATIONS LTD.

BY

PETER E. WALCOTT & ASSOCIATES LTD
Vancouver, British Columbia

MARCH 1990

GEOLOGICAL BRANCH
ASSESSMENT REPORT

19,930

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ACCOMPANYING MAPS - Scale 1:5000

MAP NO.

CONTOURS OF TOTAL FIELD INTENSITY ROAD GRID	W-461-1
INPHASE & QUADRATURE PROFILES " "	W-461-2
FRASER FILTER CONTOURS " "	W-461-3
AMPLITUDE RATIO PROFILES " "	W-461-4

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<u>ACCOMPANYING MAPS - Scale 1:5000 cont'd.</u>		<u>MAP NO.</u>
CONTOURS OF TOTAL FIELD INTENSITY	MINE GRID	W-461-5
INPHASE & QUADRATURE PROFILES	" "	W-461-6
FRASER FILTER CONTOURS	" "	W-461-7
CONTOURS OF TOTAL FIELD INTENSITY	MAG-1 GRID EAST ...	W-461-8
INPHASE & QUADRATURE PROFILES	" " " ...	W-461-9
FRASER FILTER CONTOURS	" " " ...	W-461-10
AMPLITUDE RATIO PROFILES	" " " ...	W-461-11
CONTOURS OF TOTAL FIELD INTENSITY	MAG-I GRID WEST ...	W-461-12
INPHASE & QUADRATURE PROFILES	" " " ...	W-461-13
FRASER FILTER CONTOURS	" " " ...	W-461-14
AMPLITUDE RATIO PROFILES	" " " ...	W-461-15
CONTOURS OF TOTAL FIELD INTENSITY	MCDOUGALL GRID	W-461-16
INPHASE & QUADRATURE PROFILES	" "	W-461-17
FRASER FILTER CONTOURS	" "	W-461-18

INTRODUCTION.

Between August 25th and 27th and October 16th and November 24th, 1989, Peter E. Walcott & Associates Limited carried out magnetic and VLF electromagnetic surveying over parts of a property, located in the McLeod River area of British Columbia, for Ezekiel Explorations Ltd.

The surveys were carried out over four "chain and compass" grids established by personnel from Ezekiel Explorations, the lines of most of which ran roughly N 25° E.

Measurements of the total field intensity of the earth's magnetic field were taken at 12.5 metre intervals along the lines using an EDA Omni magnetometer.

Readings of the tilt angle (% inphase) and quadrature were also made every 12.5 metres along the survey lines using an EDA Omni Plus VLF unit with the navy transmitter at Annapolis, Md., as the VLF transmitter.

In addition limited horizontal loop electromagnetic surveying was undertaken on parts of two grids using a Scintrex "Genie" system in an effort to locate the weak airborne EM conductors on the ground.

The magnetic data are presented in contour form on plan maps of the line grids, whereas the VLF data are presented in profile form on similar maps as are the Genie data. In addition the inphase VLF data have been Fraser filtered and are presented on similar plan maps.

The progress of the survey was considerably impeded by the thick alder growth which resulted in much near horizontal traversing. Furthermore the original August timetable had to be abandoned in favour of a fall schedule due to the high density wasp population which threatened the personal safety of the crew.

PROPERTY, LOCATION & ACCESS.

The property is located in the Cariboo Mining District of British Columbia and consists of the following claims:

<u>Claim Name</u>	<u>Units</u>	<u>Record No.</u>	<u>Anniversary</u>
GN 1	12	3310	April 7th
GN 2	20	3311	April 7th
GN 3	20	3312	April 7th
GN 4	10	3313	April 7th
GN 6	20	3315	April 7th
GN 7	20	3316	April 7th
GN 8	20	3317	April 7th
GN 9	20	3318	April 7th
GN 11	20	6866	June 14th
GN 12	20	3321	April 7th
GN 14	20	3323	April 7th
GN 16	20	3965	August 26th
GN 17	20	3966	August 26th
GN 18	20	4067	September 30th
SOL 1	20	8109	November 21st
SOL 2	20	8110	November 21st
SOL 3	18	8116	November 26th
SOL 4	18	8117	November 26th
SOL 7	20	8249	February 2nd
SOL 8	20	8246	February 2nd
SOL 9	18	8247	February 2nd
SOL 10	18	8248	February 2nd
DOE 20	20	8120	November 26th
HORN 1	20	8127	November 26th
HORN 2	20	8128	November 26th
HORN 3	20	8129	November 26th
HORN 4	20	8126	November 26th
HORN 5	20	8121	November 26th
HORN 6	18	8122	November 26th
HORN 7	20	8123	November 26th
LOS 5	18	8700	January 5th
LOS 6	18	8699	January 5th

The claims are situated straddling the McLeod and McDougal rivers, some 45 kilometres southwest of the town of McKenzie, British Columbia.

PROPERTY, LOCATION & ACCESS cont'd

Access to the southern part of the property was obtained by a good gravel road which runs westwards from the settlement of McLeod Lake, some 14 kilometres east on Hwy 97, to Carp Lake, whereas that to the north was obtained by helicopter from McKenzie.

PREVIOUS WORK.

Previous work on the property consisted of placer mining and placer testing, regional prospecting, mapping and heavy metal stream sampling, airborne magnetic and electromagnetic surveying, and limited geochemical soil sampling.

For further details the reader is referred to reports held by Ezekiel Explorations and more specifically to one written by L. Dandy, project geologist, in November 1989.

PURPOSE.

The purpose of the survey was (a) to define the ground expression of the gabbro/pyroxenite dyke system suggested by the airborne magnetic survey and confirmed by limited hand trenching, where platinum and palladium mineralization was obtained, on the eastern part of the property and (b) to investigate the long linear magnetic/resistivity low paralleling the McDougal River and continuing through Reed Creek - the site of the 1930's placer mining operation - that could be indicative of alteration along a fault, a possible control for the gold mineralization in the river as suggested by the strong heavy metal results.

GEOLOGY.

The reader is referred to the previously mentioned reports held by Ezekiel Explorations, particularly to the most recent one on the property authored by Linda Dandy in November 1989.

Basically the property west of the McDougal River is underlain by the Wolverine Metamorphic Complex of unknown age, comprised for the most of granitoid gneiss, garnetiferous schist, pegmatite and quartzites, whereas the eastern portion is underlain by Triassic-Jurassic Takla Group Volcanics and Mississippian Slide Mountain Group sediments.

The latter are comprised mostly of limestone, argillite, siltstone, silty conglomerate and mudstone, whereas the volcanics are a monotonous sequence of olive green andesites generally unaltered.

On the eastern part of the property the rocks have been intruded by several large gabbro/pyroxenite dykes believed to be related to the large intrusive stock to the northeast, signaturized by a large magnetic high on the regional airborne maps.

Pyrite occurs in most rocks on the property as fine disseminations, while the pyroxenite rocks could contain up to 10% pyrrhotite, pyrite and chalcopyrite, with higher nickel, chrome and cobalt values.

Gold when obtained from panned concentrates is very fine, although occasional coarser pieces are angular or wiry, suggesting local sources, although no gold has been found in the bedrock to date.

SURVEY SPECIFICATIONS.

The magnetic survey was carried out using an Omni precession magnetometer manufactured by EDA Instruments Ltd. of Metropolitan Toronto, Ontario. This instrument measures variations in the earth's magnetic field to an accuracy of plus or minus 1 gamma. Corrections for diurnal variations were made by comparison with readings taken at 20 second intervals on an Omni base magnetometer, also manufactured by EDA.

The basic principle of any electromagnetic survey is that when conductors are subjected to primary alternating fields secondary fields are induced in them. Measurements of these secondary fields give indications as to the size, shape and conductivity of conductors. In the absence of conductors no secondary fields are obtained.

The VLF electromagnetic survey was carried out using an Omni Plus unit manufactured by EDA Instruments Ltd. of Metropolitan Toronto, Ontario. This unit makes use of the VLF transmitting stations operating for communication with submarines for its transmitted signal - the vertical antenna currents create concentric horizontal magnetic fields - and measures the vertical components of the secondary fields created as above. These measurements were made every 12.5 metres along the grid lines.

The horizontal electromagnetic survey was carried out using a SE 88 Genie electromagnetic system manufactured by Scintrex Limited of Metropolitan Toronto, Ontario. The operation of this system is based on the simultaneous transmission of two preselected, well-separated frequencies by the transmitter, and the simultaneous reception and amplitude comparison of the resultant signals by the single receiver. There is no cable link between the coils, and since there are effectively no coil geometry errors, the instrument is very effective in rugged topography and heavily forested areas. In the absence of atmospheric noise useful amplitude ratio changes may be made up to a transmitter-receiver separation of 150 metres.

On these surveys measurements were made at three frequency pairs at a 75 metre coil separation.

In all some 108.4 kilometres of magnetic surveying, some 108.4 kilometres of VLF surveying, and some 16.1

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SURVEY SPECIFICATIONS cont'd

kilometres of horizontal loop surveying were carried out.

GEOPHYSICAL SERVICES

DISCUSSION OF RESULTS

The results of the survey will be discussed on an individual grid basis below. However it should be mentioned here that the magnetic readings on the four grids were not tied to a common base, and thus the intensities of the various magnetic features are only relative to the individual grids and not to the property as on the airborne survey.

Road Grid.

The magnetic survey showed the presence of two low intensity highs striking across the grid - Map W-461-1. These would appear to represent the magnetic expression of a gabbro-pyroxenite dyke system, the presence of which is confirmed within the more southerly high by outcroppings of the same and in the trench where significant platinum and palladium values were obtained from rock chip samples of the above.

The VLF electromagnetic survey indicated the presence of a number of conductors on the grid, most of which are probably attributable to graphitic argillites - Maps W-461-2 & 3.

Conductor A - Map W-461-2 - could be caused by sulphide-bearing mafic rocks and appears to be associated with the mineralization in the trench.

The Genie horizontal loop survey confirmed the presence of the single line airborne anomaly with a single line anomaly having a large accentuation on one positive shoulder i.e. the hanging wall side of a shallowly dipping body - Conductor B on Map W-461-4 - within the southerly dyke.

Quantitative studies done on this anomaly suggest a broad, poor to moderate conductive causative source at a depth of burial, h , of some 19 metres, dipping to the south at some 30 to 45 degrees with a conductance, σt , of some 4 siemens.

No horizontal loop surveying was undertaken over the showing and/or VLF Conductor A.

Mag-1 Grid.

The magnetic survey outlined the presence of a

DISCUSSION OF RESULTS cont'd.

large zone of high magnetic response trending northwesterly across the grid - Maps W-461-8 & 12. This would appear to represent a large dyke system of gabbroic and pyroxenitic rocks, cut off and/or shifted on the east by faulting.

Another smaller gabbro dyke can be seen to the south in the middle of the grid - Map W-461-12 -, where a small gabbro outcrop was noticed circa L-4200 on the north side of a small lake.

The VLF electromagnetic survey defined a number of conductors, as expected, striking across the grid, some of which occur within the interpreted mafic intrusives - Maps W-461-9,10,13, & 14.

The rest are most probably related to graphitic horizons within the underlying rocks although Conductor C appears related to a fault suggested by the magnetics.

The limited Genie horizontal loop survey carried out over two detail grids within the intrusive confirmed the presence of the postulated airborne conductor on the one - Map W-461-15 -, but failed to do so on the other - Map W-461-11.

Two conductors, Conductors D & E, were observed striking across the grid on the more westerly of the minigrids. Although they are apparently undefined in either direction on the Genie work they are limited in strike length to the breadth of the grid as discerned on the VLF survey - Map W-461-10.

Quantitative studies suggest these conductors to have narrow causative sources, with the exception of Conductor E on L's 4800 & 4850W, at depths of burial between 15 and 20 metres, having moderate to steep dips and exhibiting conductances from 3.3 to 6.7 siemens - it should be mentioned here that the profiles did not extend far enough to properly determine the respective frequency pair backgrounds.

Anomalous Ni, Cu, Ag & Zn soil values appear to be associated with these conductors on the limited geochemical survey done on the grid, although similarly higher values are

DISCUSSION OF RESULTS cont'd.

seen on the other minigrid where no horizontal loop anomaly was observed, but thicker conductive overburden is suggested to the south by the positive offset in the Genie response.

McDougall South Grid.

The magnetic survey - Map W-461-16 - essentially defined the bottom of a larger magnetic depression as seen on the airborne survey, presumably representative of a large fault along the McDougall River, trending northwesterly across the grid.

The VLF survey - Maps W-461-17 & 18 - again located numerous conductors and confirmed the presence of the airborne EM anomalies with conductor locations around L's 4700 & 6400W respectively.

These conductors are thought to be attributable to shear zones or graphitic argillite beds along the fault zone.

Of interest is Conductor F which is coincident with a narrow magnetic high and which could be related to sulphide mineralization.

Mine Grid.

The magnetic survey indicated the presence of a low intensity magnetic depression in the middle of the grid centred around L-9300W and seemingly trending northeastwards along the lines - Map W-461-5.

This low is presumed to be due to intense alteration in the underlying rocks in the vicinity of the intersection of the northwesterly trending McDougall fault - see previous grid - and the above northeasterly trending Reed Creek fault, where carbonatization of andesitic rocks is observed.

Again numerous VLF conductors were observed - Maps W-461-6 & 7 - some of which are probably attributable to clays in shears in the alteration zone.

SUMMARY, CONCLUSIONS & RECOMMENDATIONS

Between August 25th and 27th, and October 16th and November 24th, 1989, Peter E. Walcott & Associates Limited undertook magnetic and VLF electromagnetic surveying coupled with limited horizontal loop electromagnetic surveying on a property, located in the McLeod River area of British Columbia, for Ezekiel Explorations Ltd.

The surveys were carried out over four grids, the line directions of which were mostly north northeasterly.

The magnetic surveys on the two more easterly grids, centred over parts of two sub-parallel magnetic highs thought to be indicative of mafic dyke systems, further delineated these features and in turn had their suspected causative sources as above confirmed by the presence of outcropping gabbroic-pyroxenite rocks within their boundaries.

VLF electromagnetic surveying on these grids located several conductors within the above mentioned magnetic highs with three of significant interest as they appear correlatable to either mineralization and/or other geophysical signatures.

Limited Genie horizontal loop work on these grids located three conductors of poor to moderate conductivity within the interpreted dyke systems which could be related to sulphide-bearing mafic rocks. Unfortunately that on the Road grid has insufficient strike length to warrant further investigation.

The magnetic surveys on the two westerly grids further refined the locations of the magnetic depressions observed on the airborne survey.

Several VLF conductors were observed within the above, most of which are probably attributable to shear zones or graphitic argillites along the suspected fault zone(s).

Although the depths of burial of the EM conductors are in the order of 15 to 20 metres, in view of (a) the need for more positive geochemical correlation before commitment to borehole investigations and (b) the relative ease of access for a bulldozer, the writer suggests that the anomalies on the Mag-1

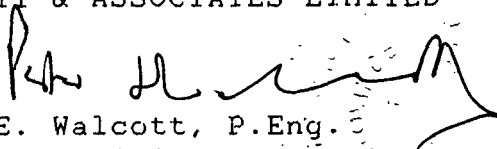
SUMMARY, CONCLUSIONS & RECOMMENDATIONS cont'd.

grid be trenched in an effort to better understand their causative source(s).

Further although the magnetic survey appeared to confirm a sizeable alteration zone around the Reed Creek-McDougall River confluence he suggests that further evidence for the occurrence of gold mineralization be collected before committing to borehole investigations.

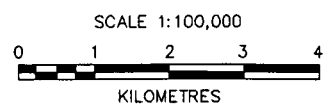
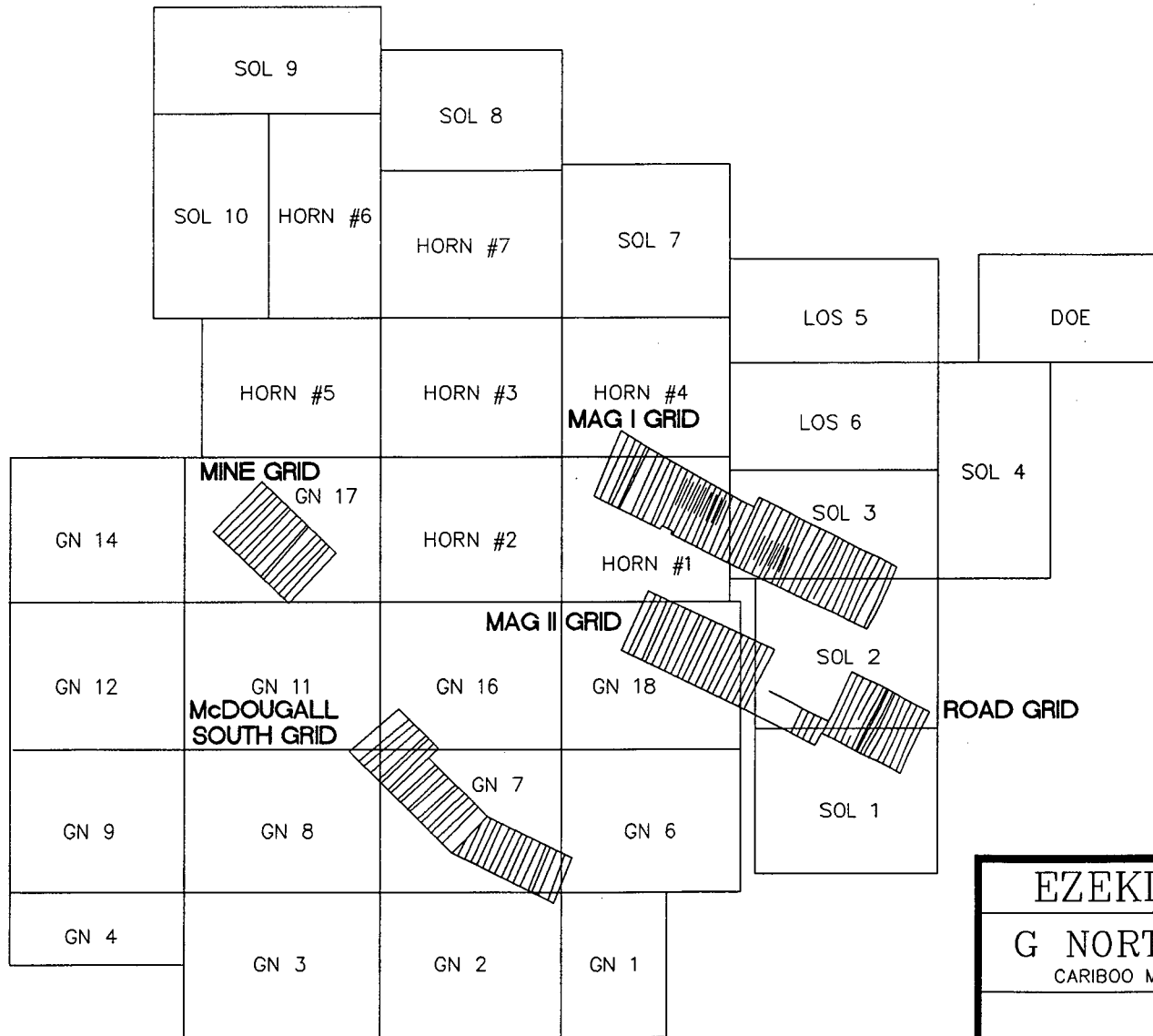
Respectfully submitted,

PETER E. WALCOTT & ASSOCIATES LIMITED


Peter E. Walcott, P.Eng.
Geophysicist

Vancouver,
British Columbia

March 1990



EZEKIEL EXPLORATION LTD.
 G NORTH & PLASWAY PROPERTY
 CARIBOO MINING DIVISION, NTS: 93J/14W,E & 930/3W,E

**GRID
 LOCATION MAP**

BY: D.N./p.s.
 DATE: OCTOBER, 1989

FIGURE: 7

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A P P E N D I X
=====

COST OF SURVEY.

Peter E. Walcott & Associates Limited undertook the survey on a daily basis. Mobilization and report costs were extra so that the total cost of services provided was \$42,768.55.

As a result the total cost for carrying out some 108 kilometres of magnetic surveying, some 108 kilometres of VLF EM surveying, and some 16 kilometres of horizontal loop surveying on the 129 kilometres of grid put in by Hughes Lang Explorations including supervisory visits by their staff can be summarized as follows:

Shipments	\$358.05
Airfare & taxis	493.80
Rentals & storage	631.16
Maintenance	307.43
Truck & trailer costs	1,609.56
Accommodation and/or food	2,086.52
Supplies	674.38
Expediting	300.00
Telephone	261.18
Helicopter NMH 10.1 hrs.	6,407.62
Assays & analyses-Chemex ICP analysis	127.50
Travel & packing time	2,250.00
Data acquisition - magnetic	10,085.00
" " - VLF EM	13,315.00
" " - Genie EM	5,390.00
Data editing & map compilation	6,270.00
Report writing & preparation	1,497.66
Map plotting - mylar & colour print	2,077.50
Supervision - HLX - L. Dandy & P. Gruenberg	650.00
Consultant fees - Archean Engineering	5,525.00
Total Costs	\$60,317.36 =====

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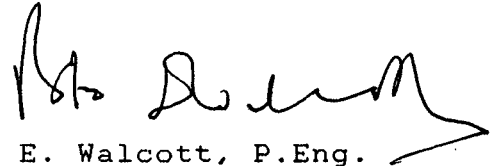
PERSONNEL EMPLOYED ON SURVEY.

<u>Name</u>	<u>Occupation</u>	<u>Address</u>	<u>Date</u>
Peter E. Walcott	Geophysicist	Peter E. Walcott & Assoc. 605 Rutland Court, Coquitlam, B.C. V3J 3T8	Aug 25th -27th, Dec 4th - 6th, Dec. 15th, 1989, Jan 18th -24th, Mar 3rd - 26th, 1990.
R. Summerfield	Geophysical Operator	"	Oct. 16th - Dec. 13th, 1989
M. Kilby	"	"	Oct. 16th - Nov. 24th, 1989
I. Franey	"	"	Nov. 21st - 24th, 1989
B. Bennion	"	"	Aug. 25th - 27th, 1989
J. Walcott	Typing	"	Mar. 30th, 1990

CERTIFICATION.

I, Peter E. Walcott, of the Municipality of Coquitlam, British Columbia, hereby certify that:

1. I am a graduate of the University of Toronto in 1962 with a B.A.Sc. in Engineering Physics, Geophysics Option.
2. I have been practising my profession for the last twenty seven years.
3. I am a member of the Association of Professional Engineers of British Columbia and Ontario.



Peter E. Walcott, P.Eng.

Vancouver,
British Columbia

February 1990

EZEKIEL EXPLORATIONS LTD.

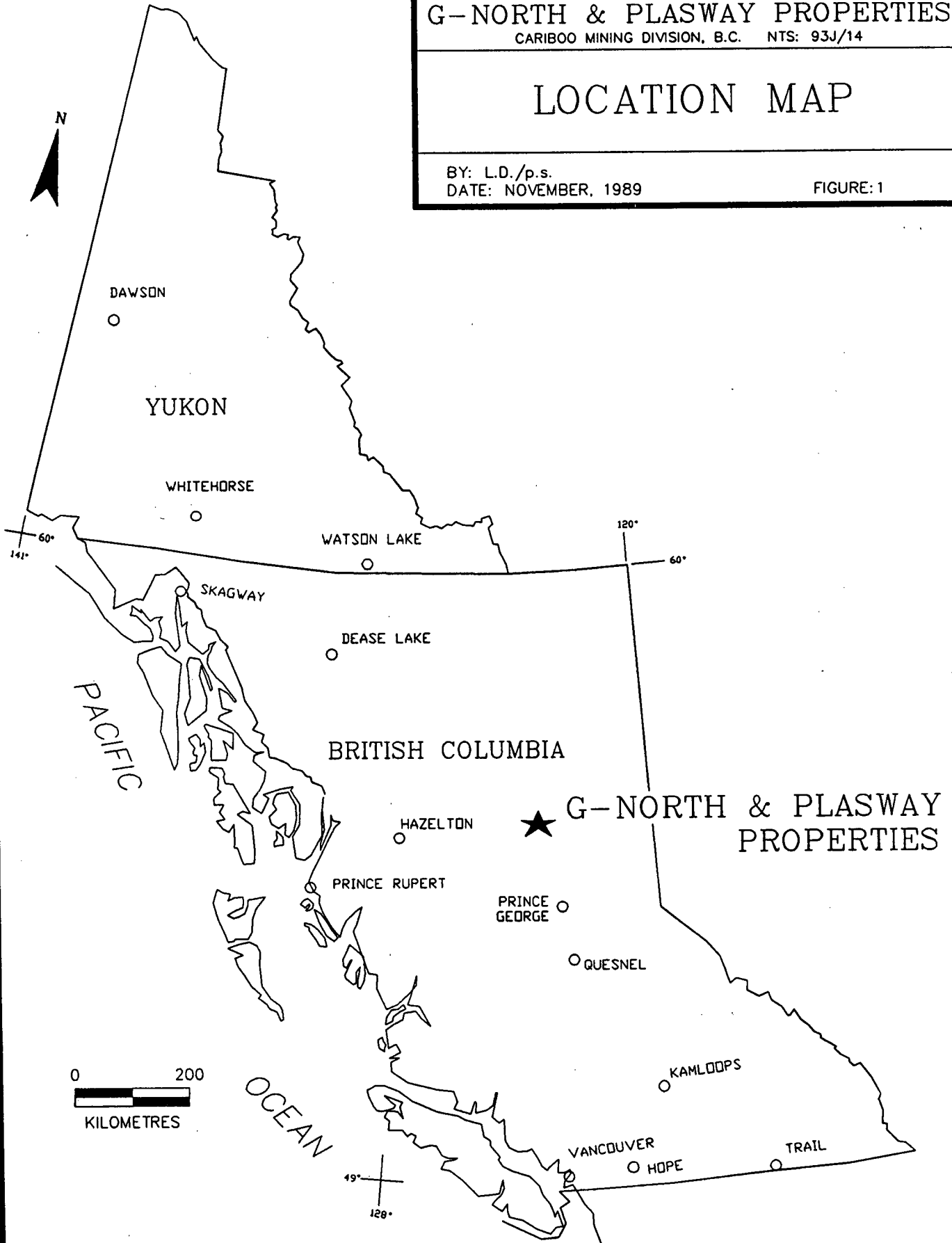
G-NORTH & PLASWAY PROPERTIES

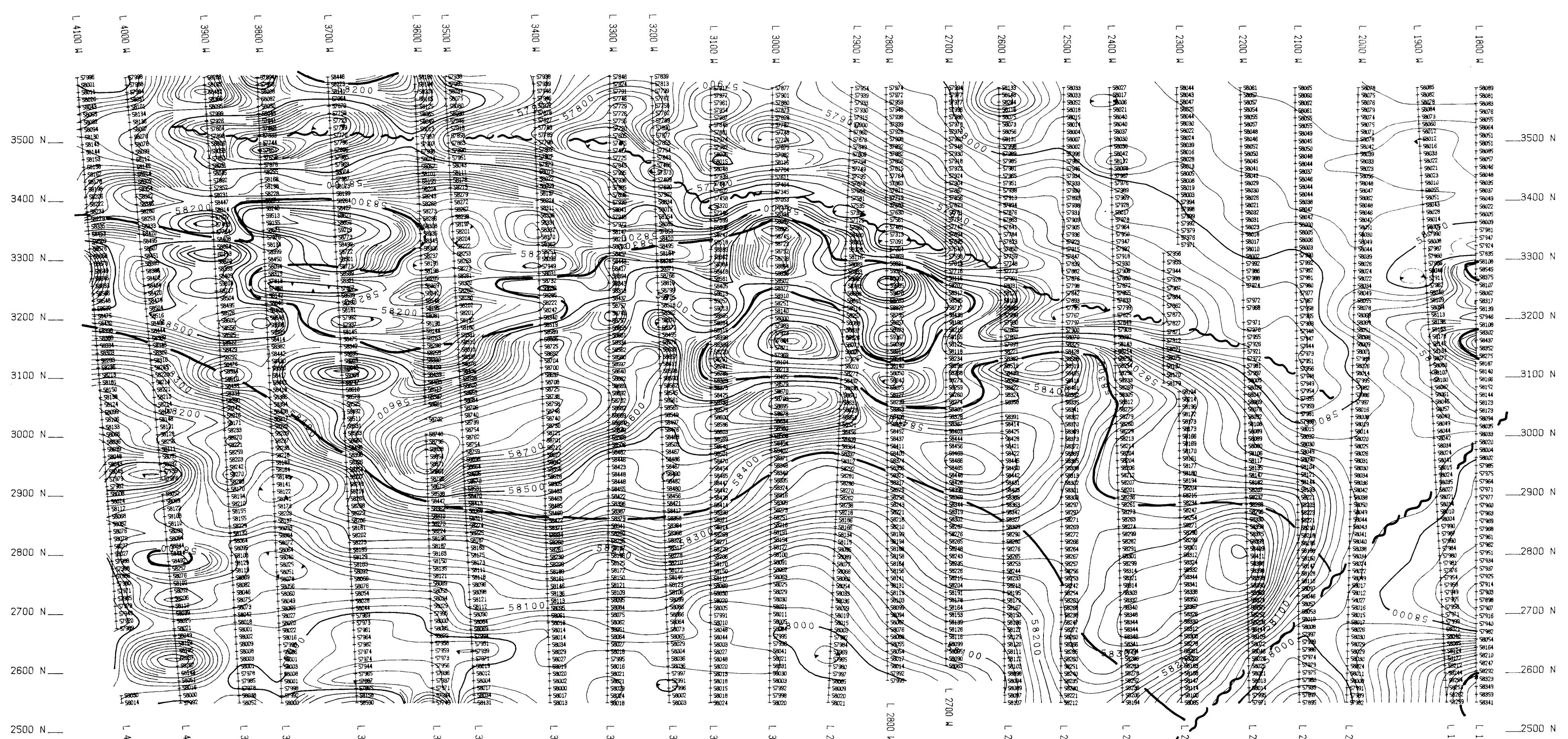
CARIBOO MINING DIVISION, B.C. NTS: 93J/14

LOCATION MAP

BY: L.D./p.s.
DATE: NOVEMBER, 1989

FIGURE: 1



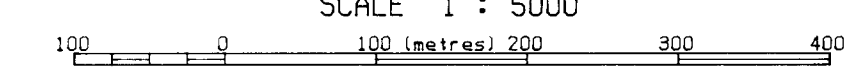


LEGEND

 OUTLINE OF INTRUSIVE SYSTEM

**GEOLOGICAL BRANCH
 ASSESSMENT REPORT**

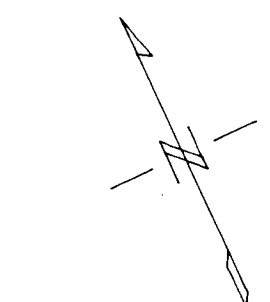
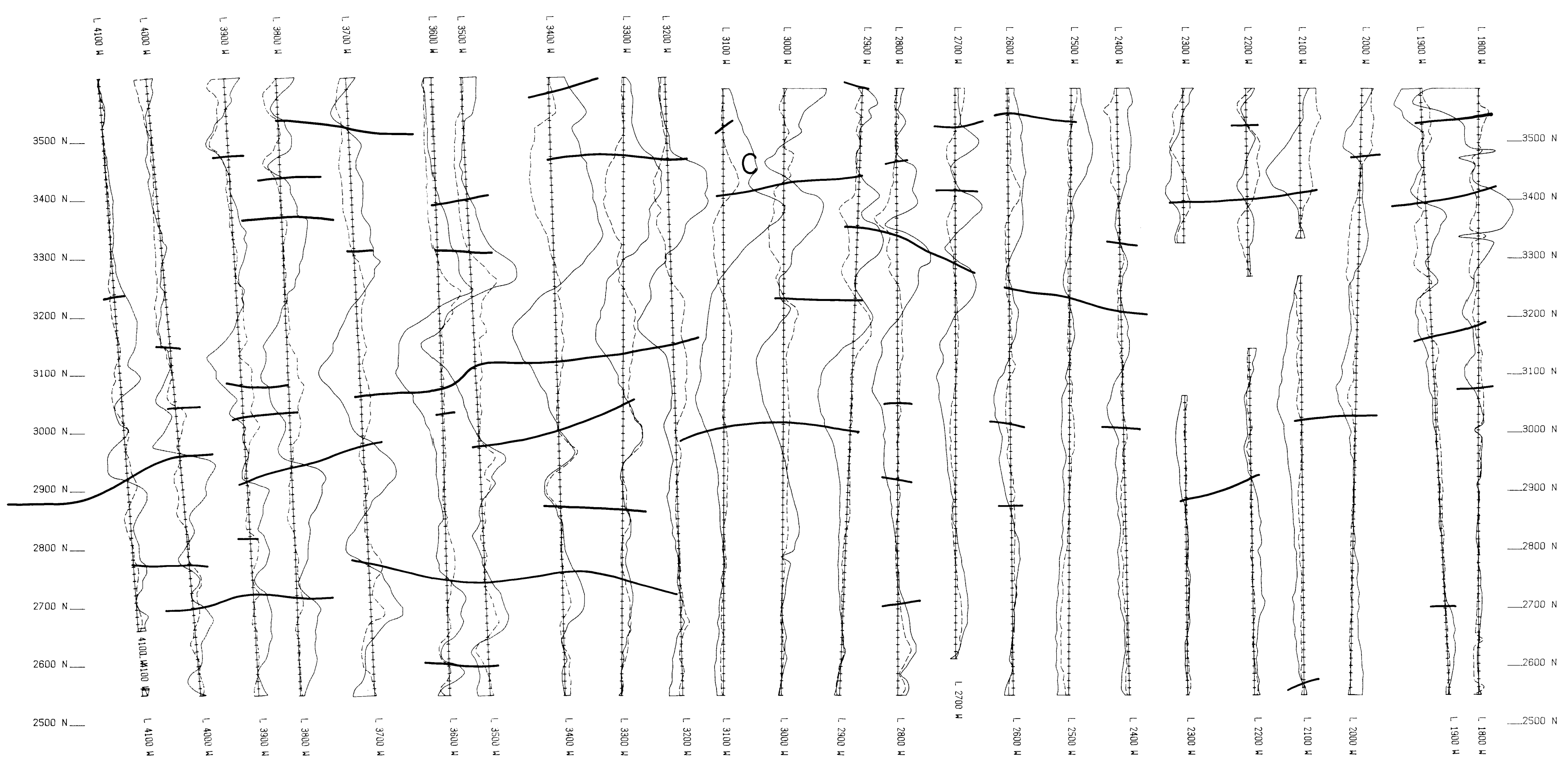
19,930
 SCALE 1 : 5000



EZEKIEL EXPLORATIONS LTD.
 Magnetometer Survey
 Contours of Total Field Intensity
 Contour Interval 20 gammas

Mag-1 Grid
 McLeod River Area, Cariboo M.D., B.C., N.T.S. 93 J/14
 October 1989

Map No. W-461-8 Date: December 1989
 Peter E. Walcott & Assoc. Ltd.

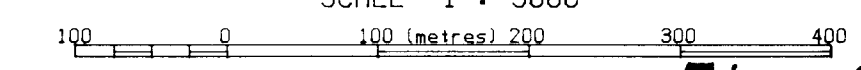


VLF - EM PROFILES
 1 cm. = 20 %
 IN PHASE ———
 QUADRATURE - - -
 PROFILE
 -20% 0 +20%

Tx Location : Annapolis, Md. (NSS 21.4 kHz)
 Instrument : EDA OMNI PLUS

CONDUCTOR AXIS

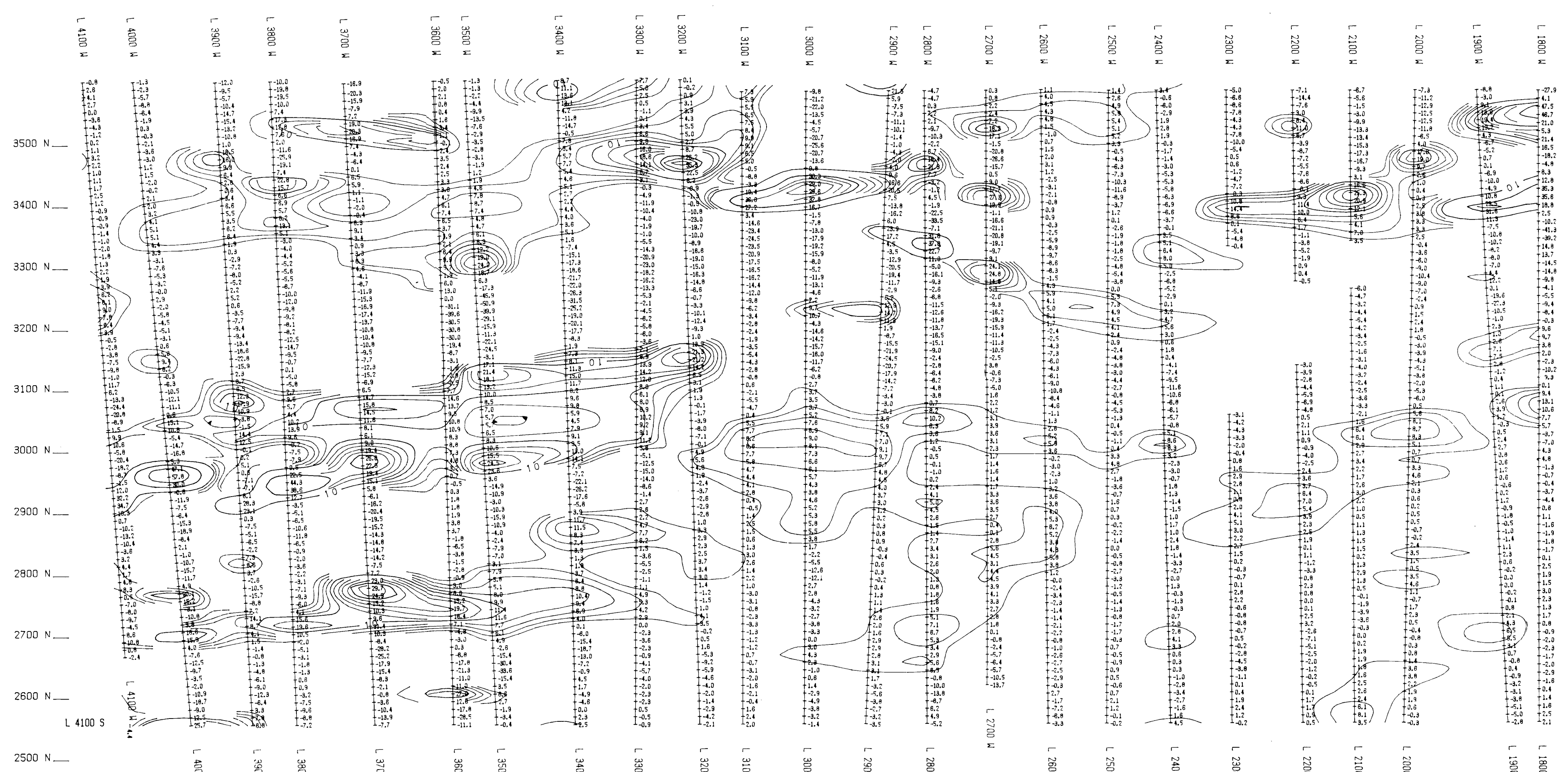
SCALE 1 : 5000



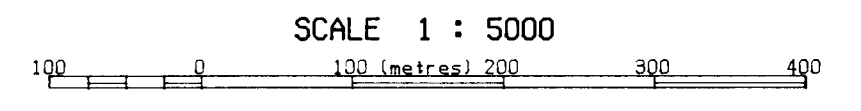
EZEKIEL EXPLORATIONS INC. D.	
Vlf Electromagnetic Surveys Inphase & Quadrature Profiles	
Mag-1 Grid McLeod River Area, Cariboo M.D., B.C., N.T.S. October 1989	
Map No. W-461-9	Date: December 1989
Peter E. Walcott & Assoc. L.P.	

GEOLOGICAL BRANCH
ASSESSMENT REPORT

056,61



Tx Location : Annapolis, Md. (NSS 21.4 kHz)
Instrument : EDA OMNI PLUS



19,930

GEOLOGICAL BRANCH
ASSESSMENT REPORT

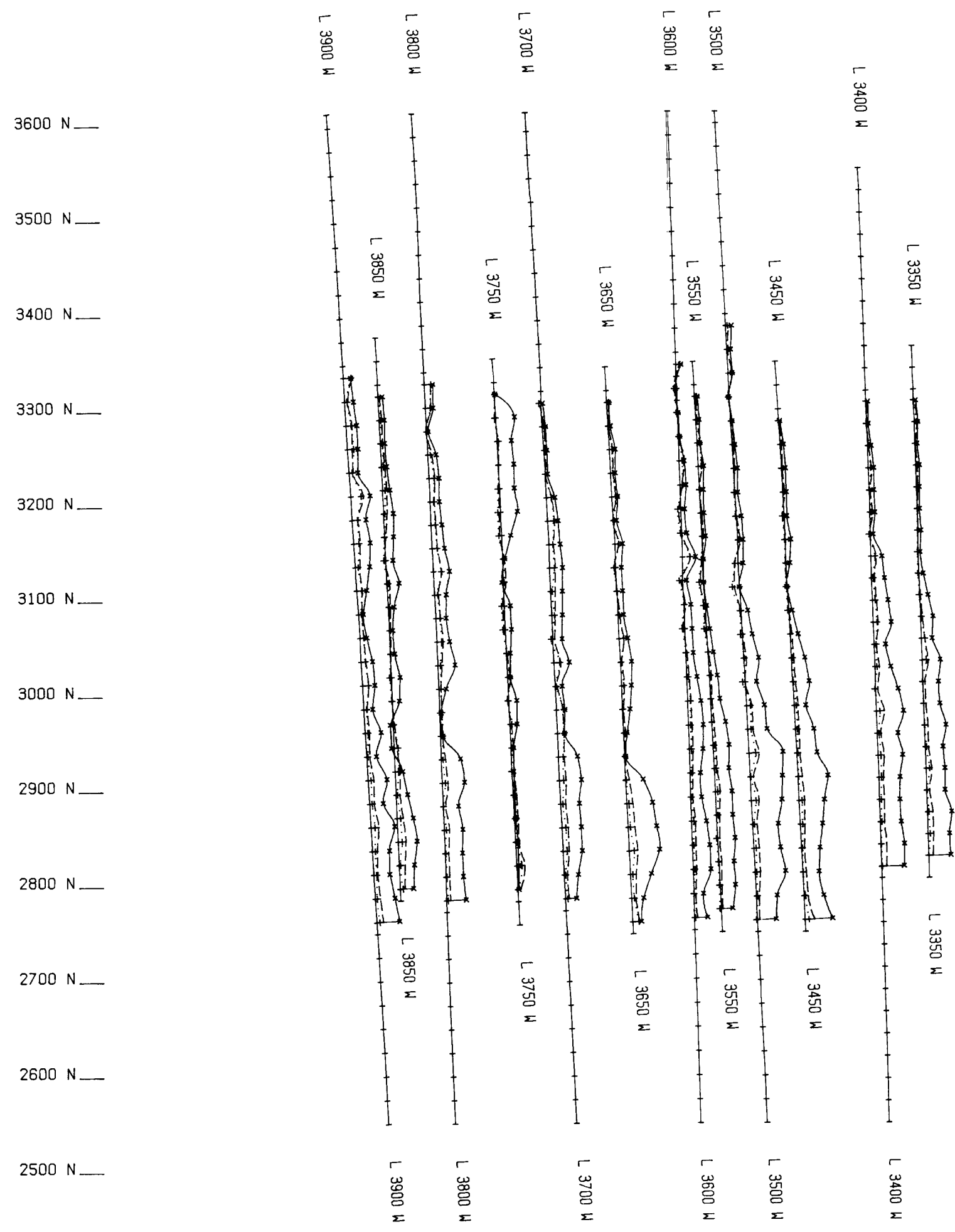
EZEKIEL EXPLORATIONS LTD.

Vlf Electromagnetic Survey
FRASER FILTER CONTOURS
Contour Interval 2 degrees

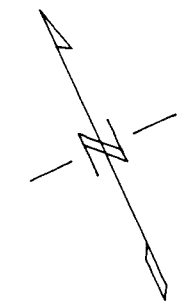
Mag-1 Grid
Lead River Area, Cariboo M.D., B.C., N.T.S. 93 J/14
October 1989

Map No. W6610 Date: December 1989

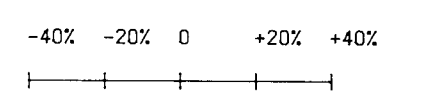
Water E. Walcott & Assoc. Ltd.



3600 N
3500 N
3400 N
3300 N
3200 N
3100 N
3000 N
2900 N
2800 N
2700 N
2600 N
2500 N



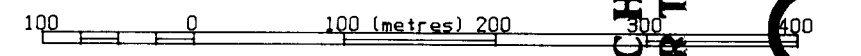
PROFILE SCALE



LEGEND

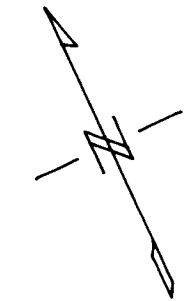
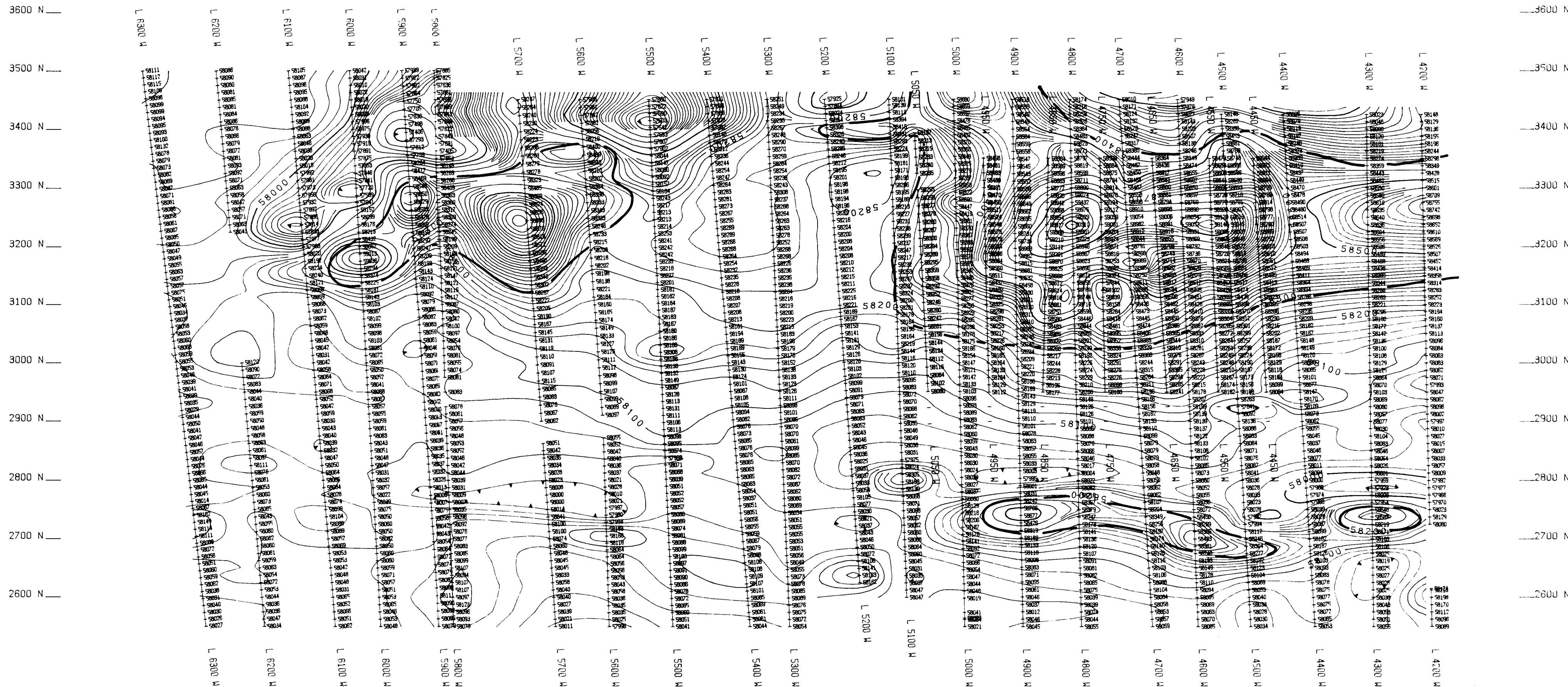
- 337.5 / 112.5 RATIO + · · · · ·
- 1012.5 / 112.5 RATIO - - - - -
- 3037.5 / 112.5 RATIO x · x · x
- CONDUCTOR AXIS

SCALE 1 : 5000



EZEKIEL EXPLORATIONS LTD.	
Genie Electromagnetic Survey Amplitude Ratio Profiles 1 cm. = 20 %	
Mag-1 Grid McLeod River Area, Cariboo M.D., B.C., N.T.S. 43 5714 October 1989	
Map No. W-461-11	Date: December 1989
Peter E. Walcott & Assoc. Ltd.	

GEOLOGICAL BRANCH
 ASSESSMENT REPORT
 19,930



LEGEND
 // // OUTLINE OF INTRUSIVE SYSTEM

SCALE 1 : 5000
 100 (inches) 400
GEOLOGICAL BRANCH
ASSESSMENT REPORT

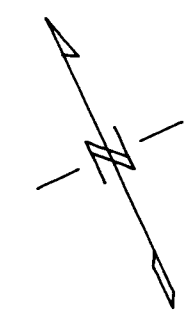
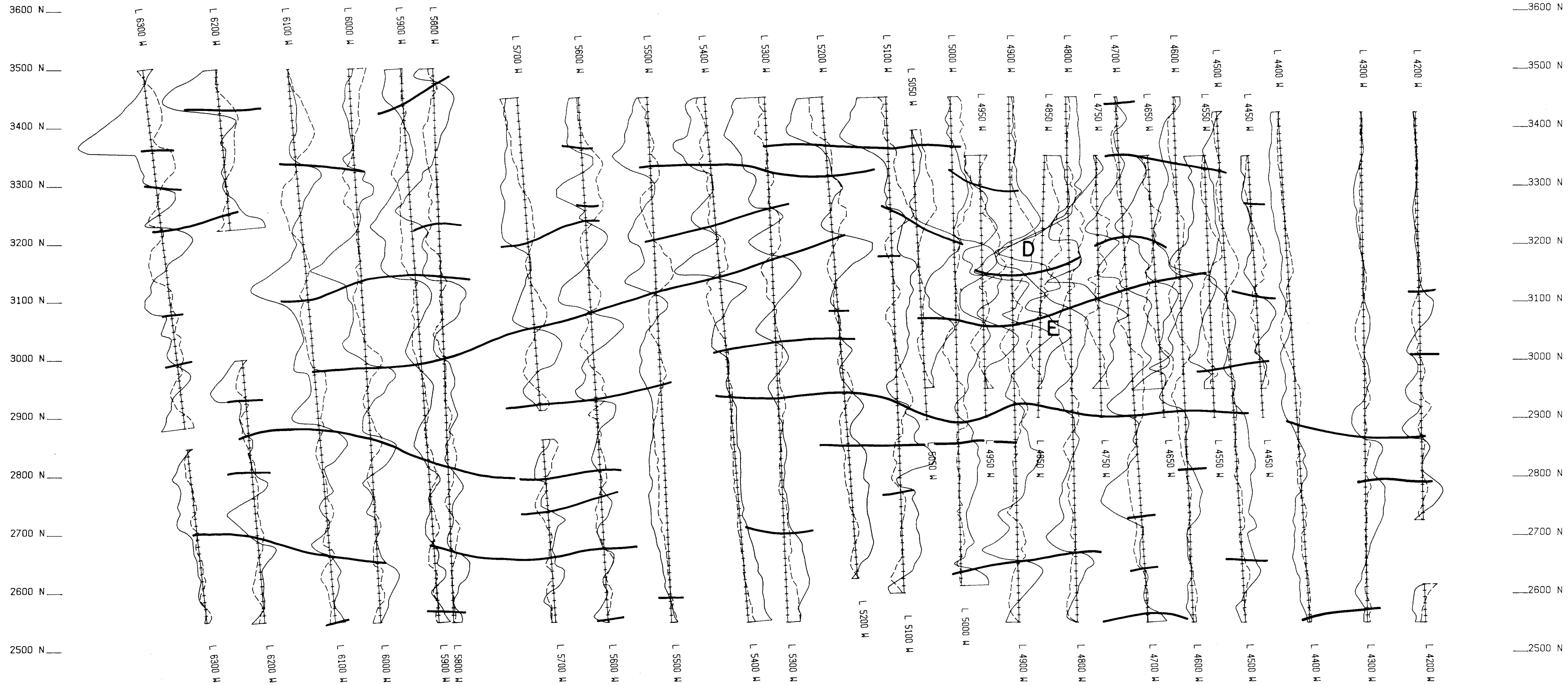
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EZZRIEL EXPLORATIONS LTD.

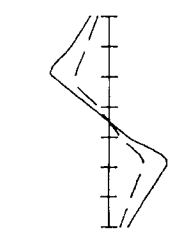
Magnetometer Survey
 Contours of Total Field Intensity
 Contour Interval 20 gammas

Mag-1 Grid
 McLeod River Area, Cariboo M.U., B.C., N.T.S. 93 1/14
 October 1989

Map No. W-401-12 Date: December 1989
 Peter E. Walcott & Assoc. Ltd



VLF - EM PROFILES
 1 cm. = 20 %
 IN PHASE ———
 QUADRATURE - - - -
 PROFILE
 -20% 0 +20%



Tx Location : Annapolis, Md. (NSS 21.4 kHz)

Instrument : EDA OMNI PLUS

— CONDUCTOR AXIS

SCALE 1 : 5000
GEOLOGICAL BRANCH
ASSESSMENT REPORT

19,930
 vlf

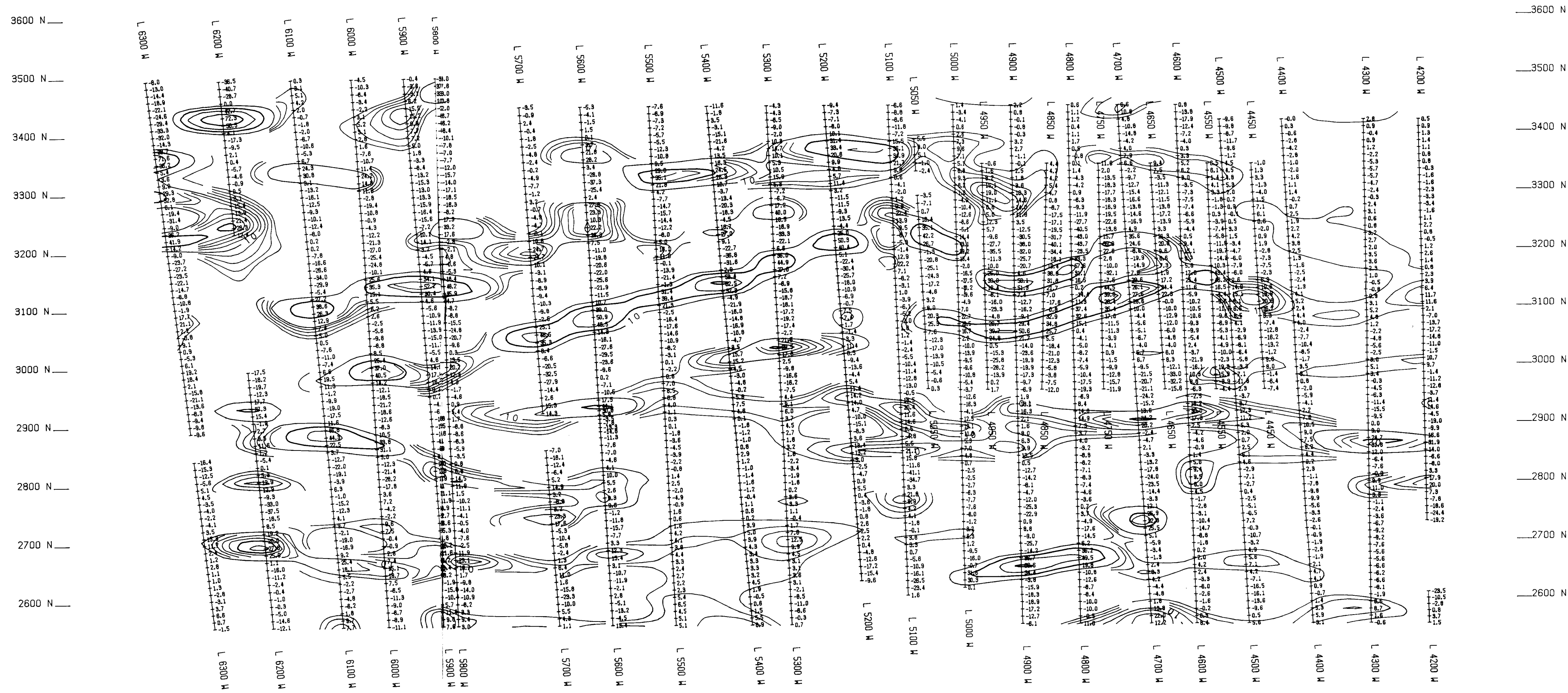
EZEKIEL EXPLORATIONS LTD.

Electromagnetic Survey
 Inphase & Quadrature Profiles

Mag-1 Grid
 McLeod River Area, Cariboo M.D., B.C., N.T.S. 93 J/14
 October 1989

Map No. W-461-13 Date: December 1989

Peter E. Walcott & Assoc. Ltd.



Tx Location : Annapolis, Md. (NSS 21.4 kHz)
 Instrument : EDA OMNI PLUS

GEOLOGICAL BRANCH
ASSESSMENT REPORT

19,930

FRANKLIN EXPLORATIONS LTD.

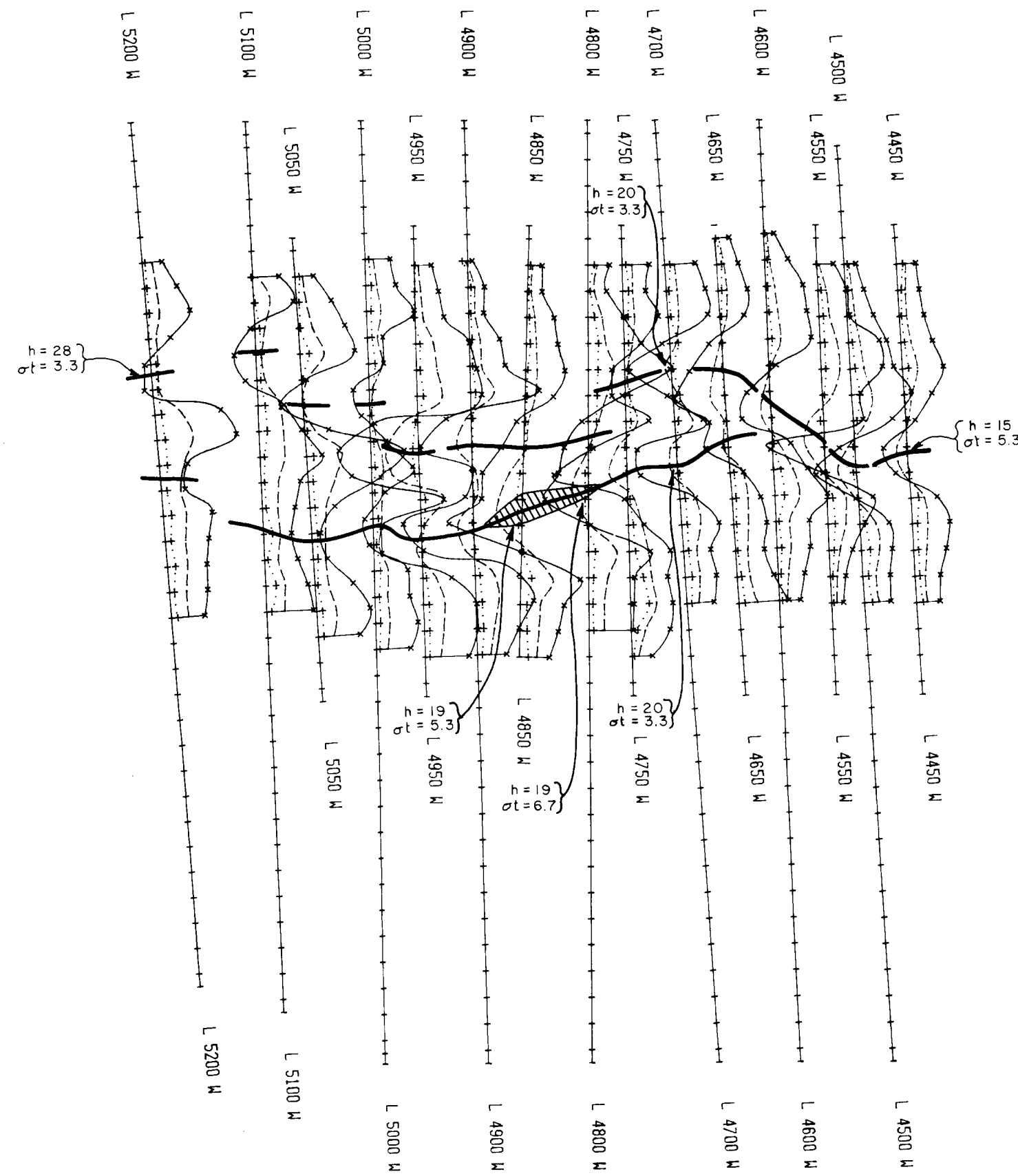
Vlf Electromagnetic Survey
 FRASER FILTER CONTOURS
 Contour Interval 2 degrees

Mag-1 Grid
 McLeod River Area, Cariboo M.D., B.C., N.T.S. 93 J/14
 October 1989

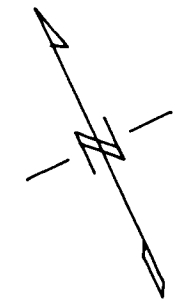
Map No. W-461-14 Date: December 1989

Peter E. Walcott & Assoc. Ltd.

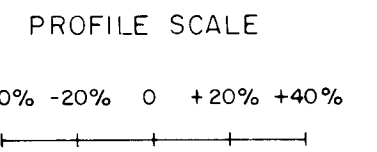
3600 N
 3500 N
 3400 N
 3300 N
 3200 N
 3100 N
 3000 N
 2900 N
 2800 N
 2700 N
 2600 N
 2500 N



3600 N
 3500 N
 3400 N
 3300 N
 3200 N
 3100 N
 3000 N
 2900 N
 2800 N
 2700 N
 2600 N
 2500 N



LEGEND



- 337.5 / 112.5 RATIO + . . . + . . . +
- 1012.5 / 112.5 RATIO - - - - -
- 3037.5 / 112.5 RATIO x - - - x - - - x
- CONDUCTOR AXIS —————

GEOLOGICAL BRANCH
ASSESSMENT REPORT

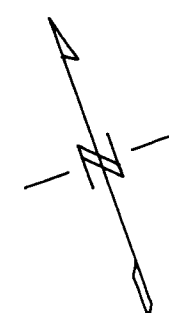
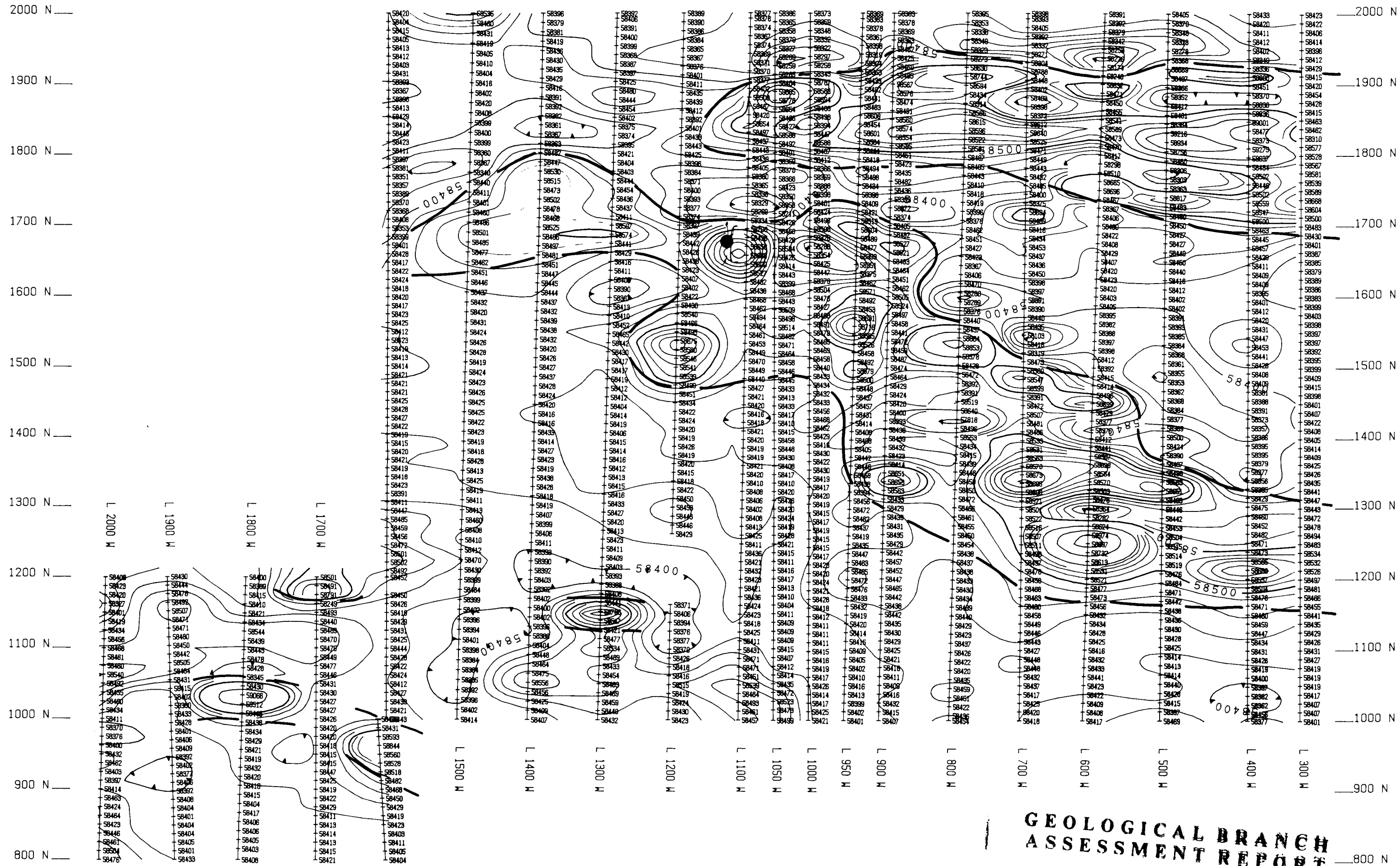
19,930

EZEKIEL EXPLORATIONS LTD.
 Genie


Electromagnetic Survey
 Amplitude Ratio Profiles
 1 cm. = 20 %


Map 1 Grid
 McLeod River Area, Cariboo H.D., B.C., N.T.S. 93 J/14
 October 1989

Map No. W-461-15 Date: December 1989
 Peter E. Walcott & Assoc. Ltd.



LEGEND

 OUTLINE OF INTRUSIVE SYSTEM

 PLATINUM SHOWING

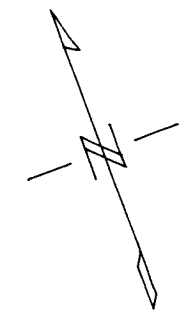
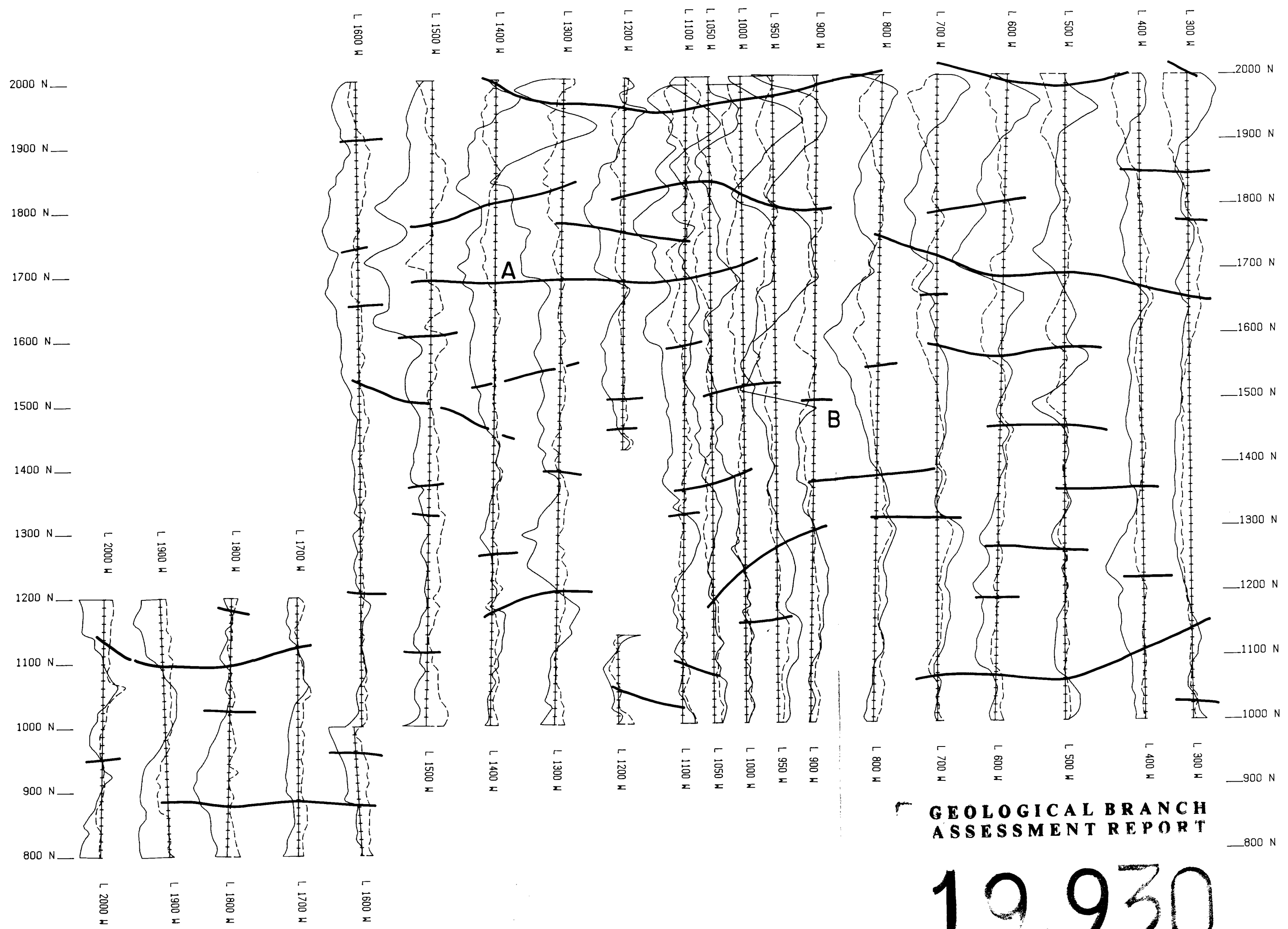
SCALE 1 : 5000

100 0 100 (metres) 200 300 400

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

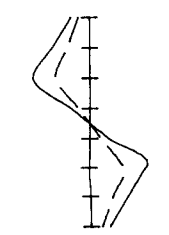
19,930

EZEKIEL EXPLORATIONS LTD.	
Magnetometer Survey Contours of Total Field Intensity Contour Interval 20 gammas	
Road Grid McLeod River Area, Cariboo M.D., B.C., N.T.S. 93 J/14 November 1989	
Map No. W-461-1	Date: December 1989
Peter E. Walcott & Assoc. Ltd.	



VLF - EM PROFILES

1 cm. = 20 %
 IN PHASE ———
 QUADRATURE - - -
 PROFILE
 -20% 0 +20%



Tx Location : Annapolis, Md. (NSS 21.4 kHz)

Instrument # EDA OMNI PLUS

CONDUCTOR AXIS

SCALE 1 : 5000



**GEOLOGICAL BRANCH
 ASSESSMENT REPORT**

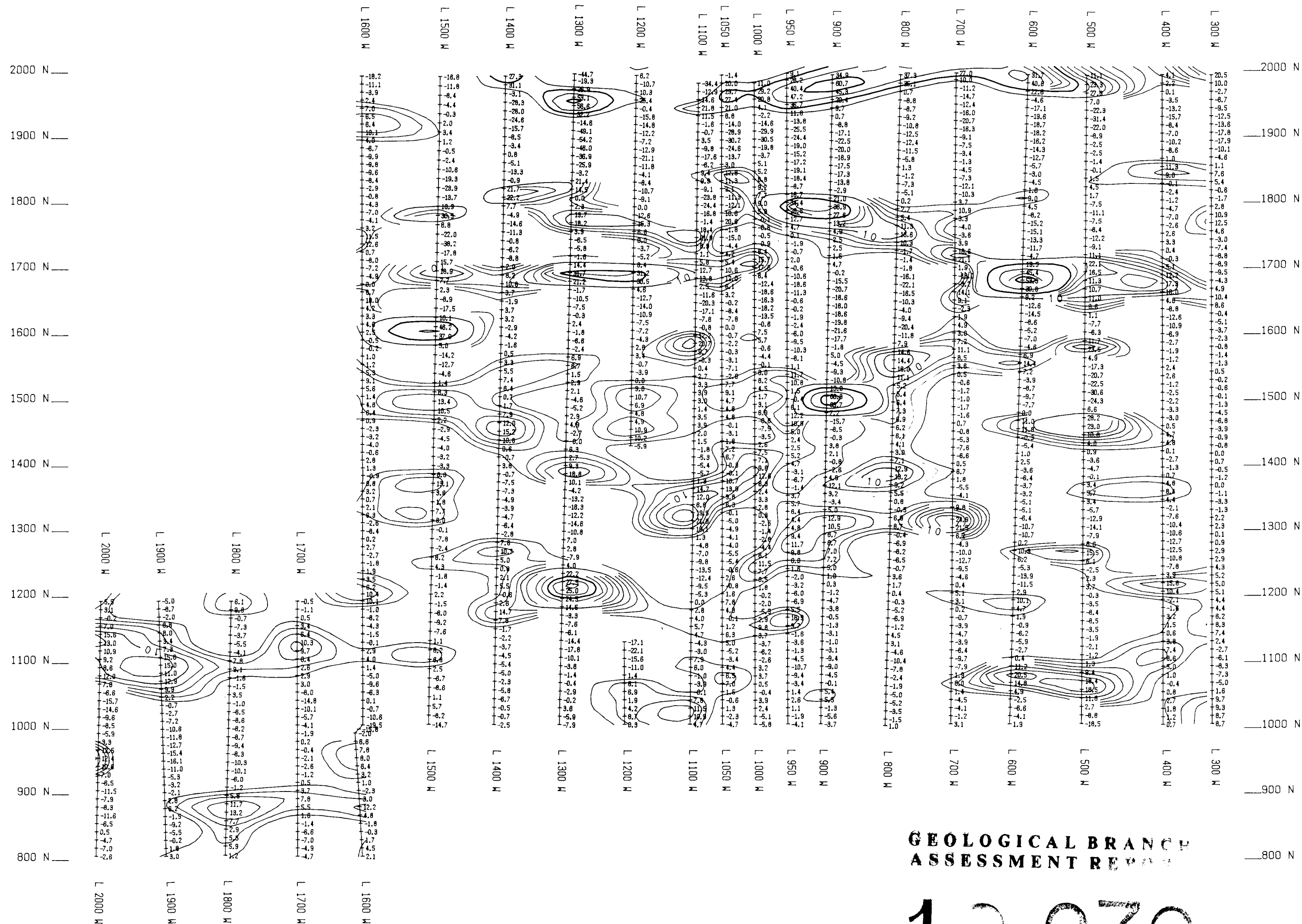
19,930

EZEKIEL EXPLORATIONS LTD.

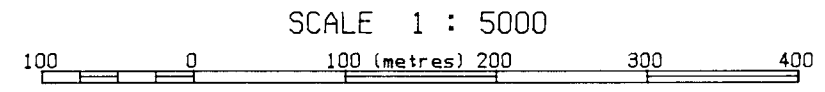
VLF
 Electromagnetic Survey
 Inphase & Quadrature Profiles

Road Grid
 McLeod River Area, Cariboo M.D., B.C., N.T.S. 93 J/14
 November 1989

Map No. W-461-2 Date: December 1989
 Peter E. Walcott & Assoc. Ltd.



Tx Location : Annapolis, Md. (NSS 21.4 kHz)
 Instrument : EDA OMNI PLUS

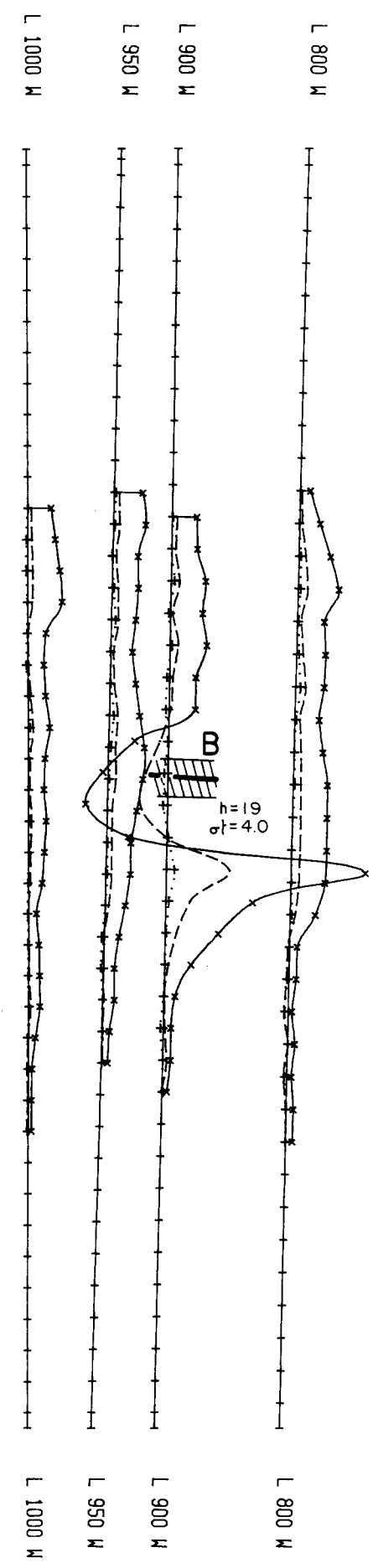


**GEOLOGICAL BRANCH
 ASSESSMENT REPORT**

10,930

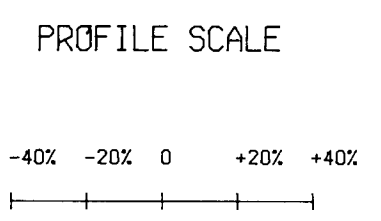
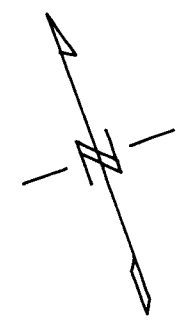
EZEKIEL EXPLORATIONS LTD.	
Vlf Electromagnetic Survey FRASER FILTER CONTOURS Contour Interval 2 degrees	
Road Grid McLeod River Area, Cariboo M.D., B.C., N.T.S. 93 J/14 November 1989	
Map No. W-461-3	Date: December 1989
Peter E. Walcott & Assoc. Ltd.	

2000 N
1900 N
1800 N
1700 N
1600 N
1500 N
1400 N
1300 N
1200 N
1100 N
1000 N
900 N
800 N

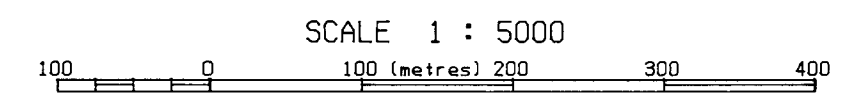


19,930
GEOLOGICAL BRANCH
ASSESSMENT REPORT

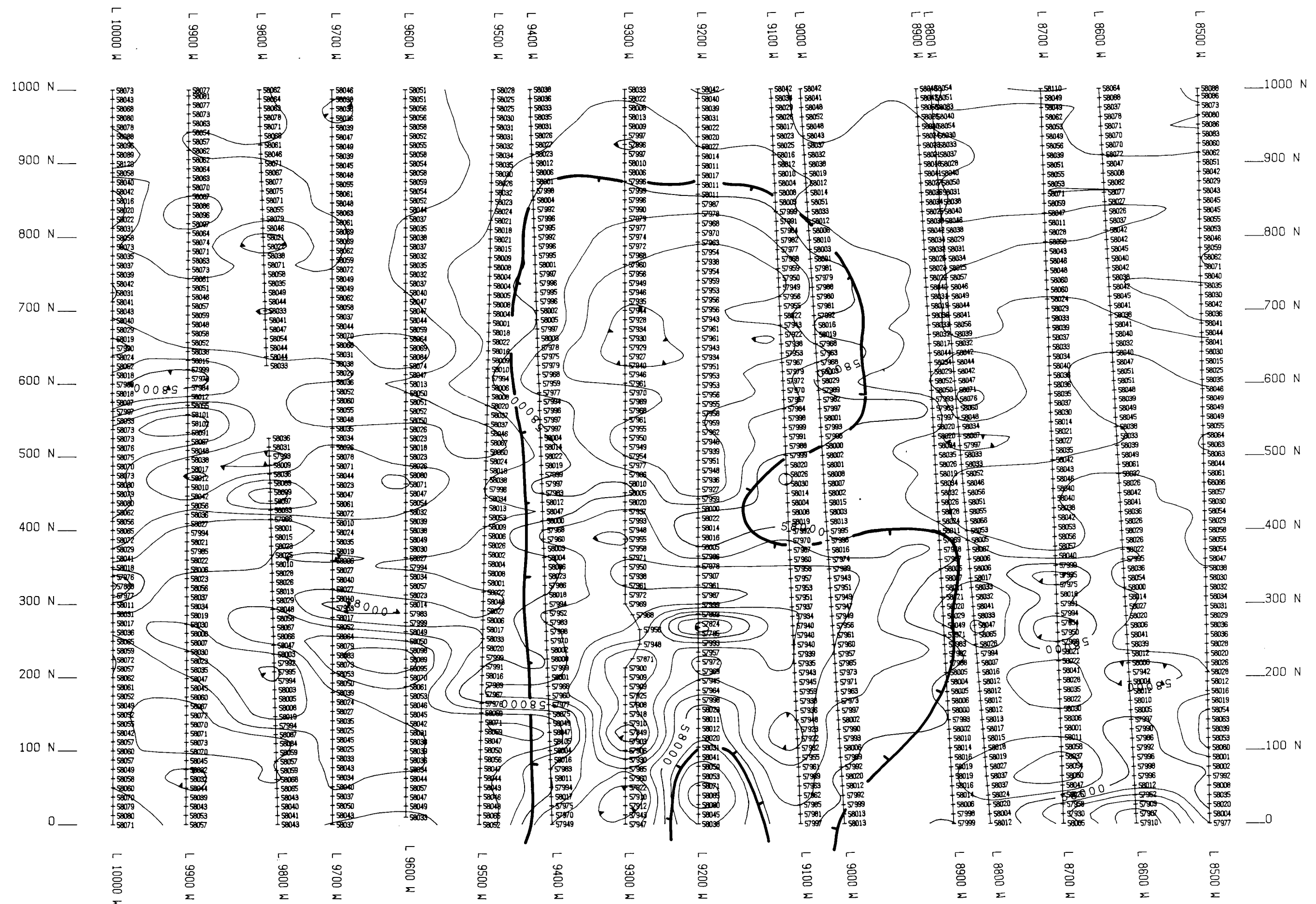
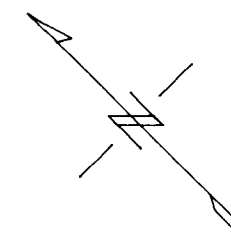
2000 N
1900 N
1800 N
1700 N
1600 N
1500 N
1400 N
1300 N
1200 N
1100 N
1000 N
900 N
800 N



- LEGEND
- 337.5 / 112.5 RATIO + . . . + . . . +
 - 1012.5 / 112.5 RATIO - - - - -
 - 3037.5 / 112.5 RATIO x - x - x
 - CONDUCTOR AXIS ———



EZEKIEL EXPLORATIONS LTD.	
Genie Electromagnetic Survey Amplitude Ratio Profiles 1 cm. = 20%	
Road Grid McLeod River Area, Cariboo M.D., B.C., N.T.S. 93 J/14 November 1989	
Map No. W-461-4	Date: December 1989
Peter E. Walcott & Assoc. Ltd.	

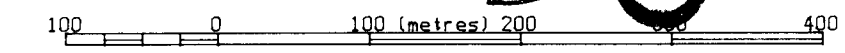


LEGEND:

 OUTLINE OF MAG LOW

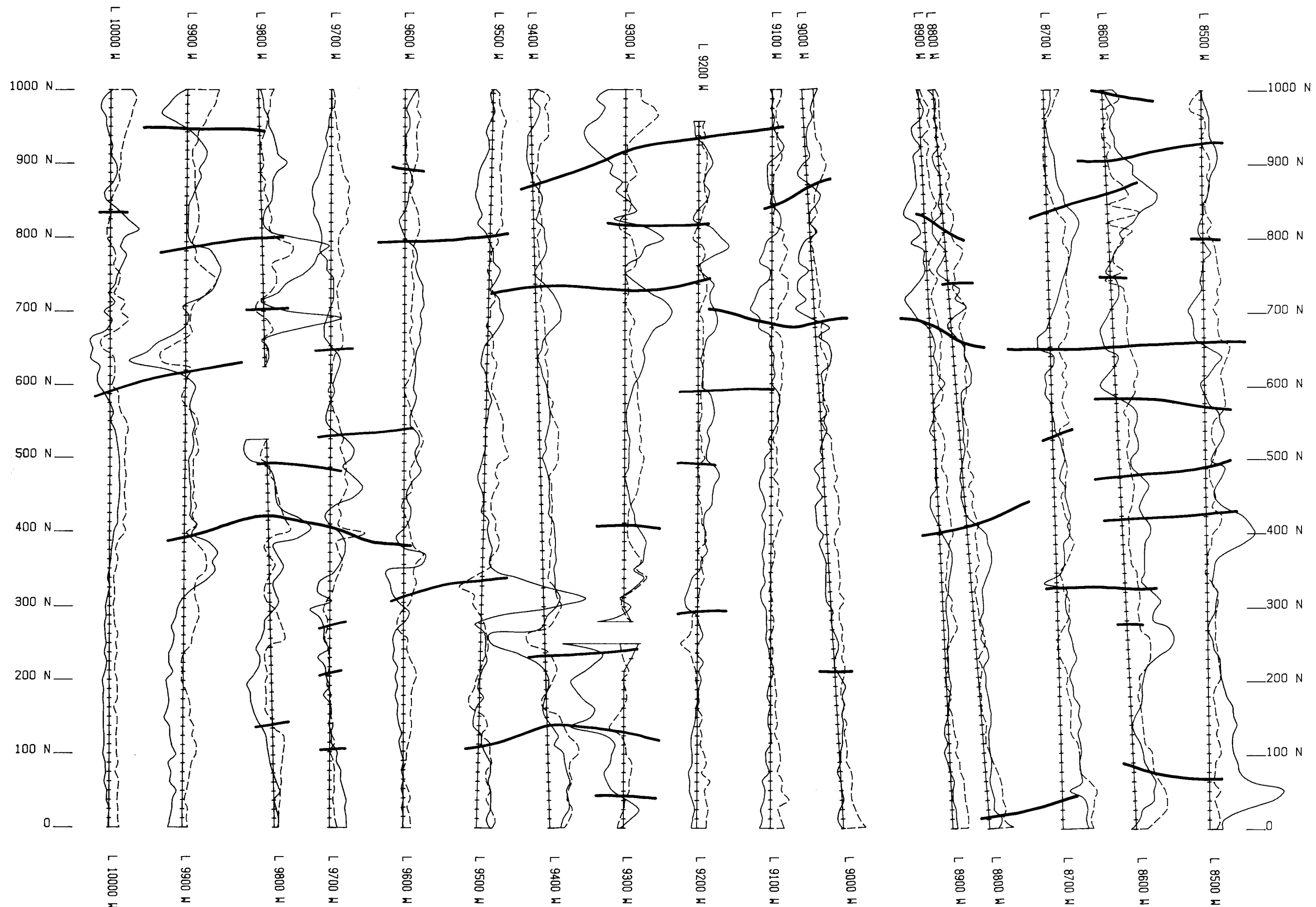
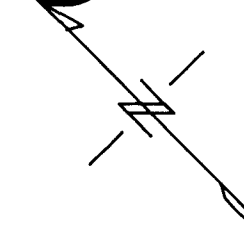
**GEOLOGICAL BRANCH
 ASSESSMENT REPORT**

19,930
 SCALE 1 : 5000

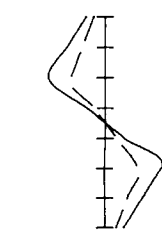


EZEKIEL EXPLORATIONS LTD.	
Magnetometer Survey	
Contours of Total Field Intensity	
Contour Interval 20 gammas	
Mine Grid McLeod River Area, Cariboo M.D., B.C., N.T.S. 93 J/14 November 1989	
Map No. W-461-5	Date: December 1989
Peter E. Walcott & Assoc. Ltd.	

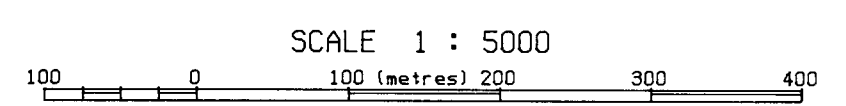
19,930



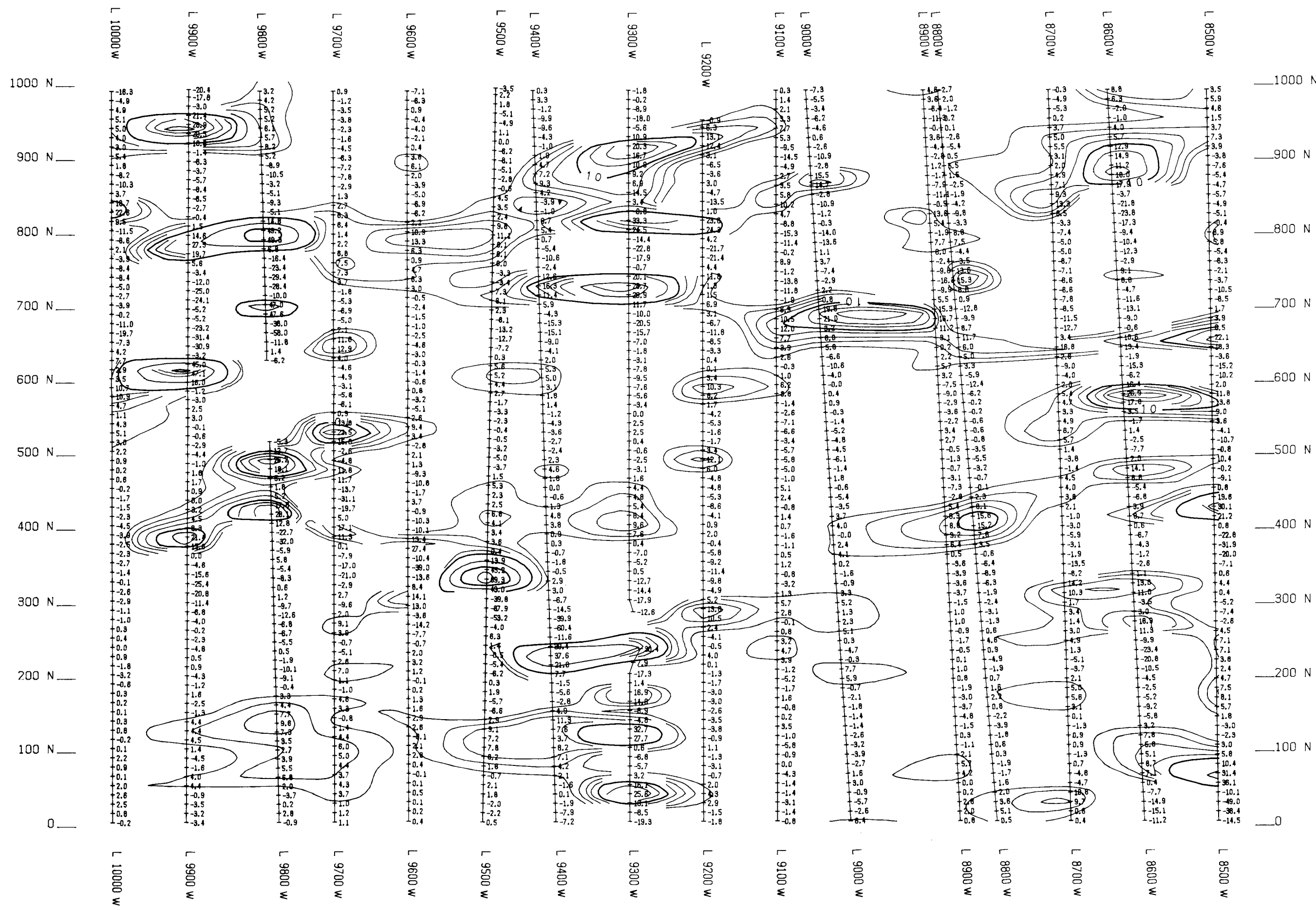
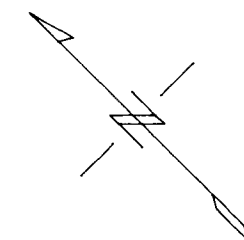
VLF - EM PROFILES
1 cm. = 20 %
IN PHASE ———
QUADRATURE - - -
PROFILE
-20% 0 +20%



Tx Location : Annapolis, Md. (NSS 21.4 kHz)
Instrument : EDA OMNI PLUS
CONDUCTOR AXIS



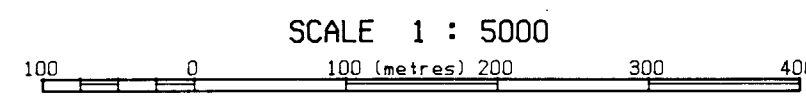
EZEKIEL EXPLORATIONS LTD.	
Vlf Electromagnetic Survey Inphase & Quadrature Profiles	
Mine Grid McLeod River Area, Cariboo M.D., B.C., N.T.S. 93 J/14 November 1989	
Map No. W-461-6	Date: December 1989
Peter E. Walcott & Assoc. Ltd.	



**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

19,930

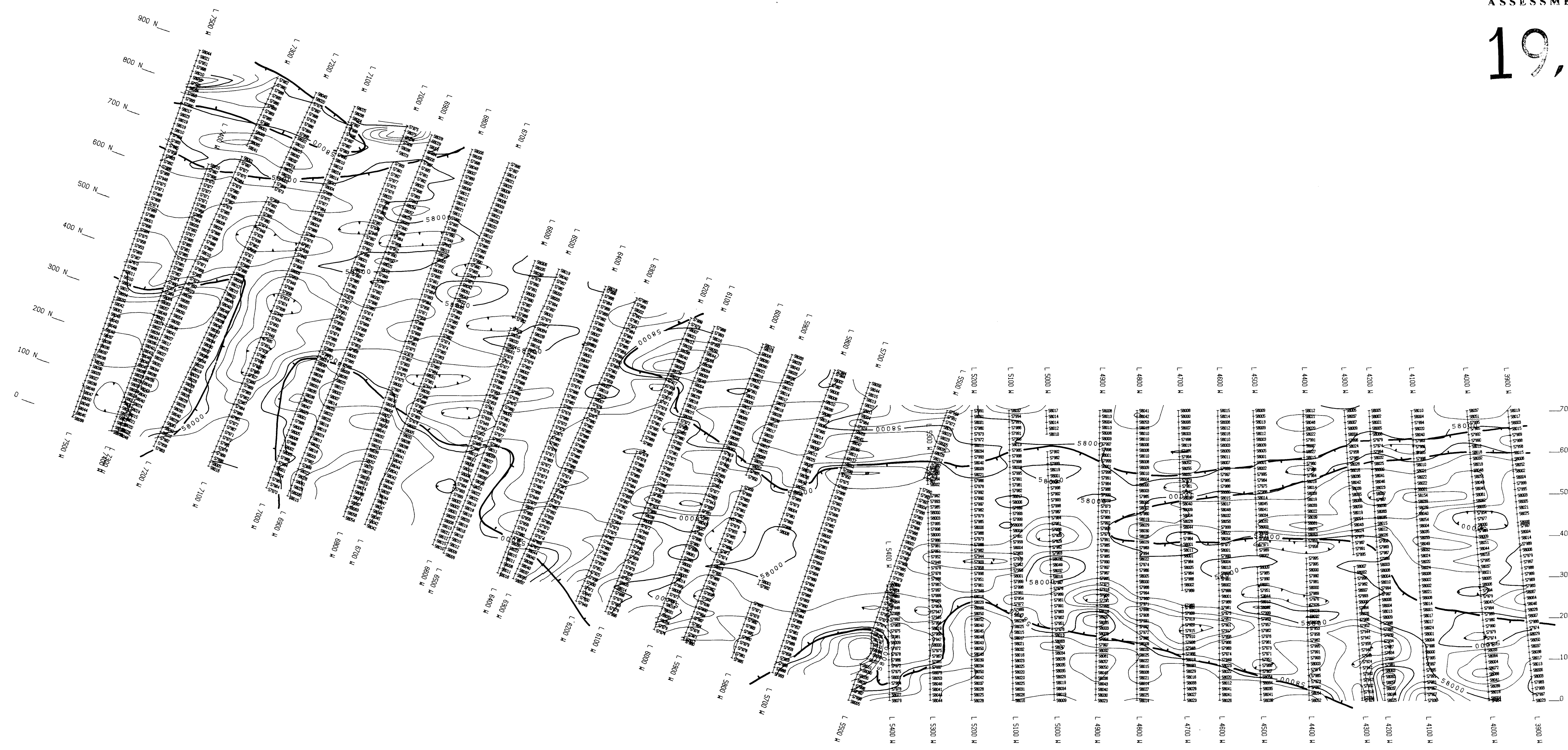
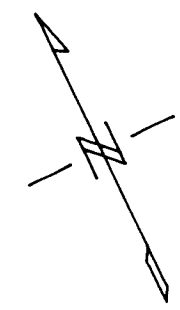
Tx Location : Annapolis, Md. (NSS 21.4 kHz)
Instrument : EDA OMNI PLUS



EZEKIEL EXPLORATIONS LTD.	
Vlf Electromagnetic Survey	
FRASER FILTER CONTOURS	
Contour Interval 2 degrees	
Mine Grid McLeod River Area, Cariboo M.D., B.C., N.T.S. 93 J/14 November 1989	
Map No. W-461-7	Date: December 1989
Peter E. Walcott & Assoc. Ltd.	

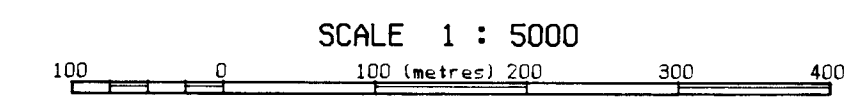
GEOLOGICAL BRANCH
ASSESSMENT REPORT

19,930



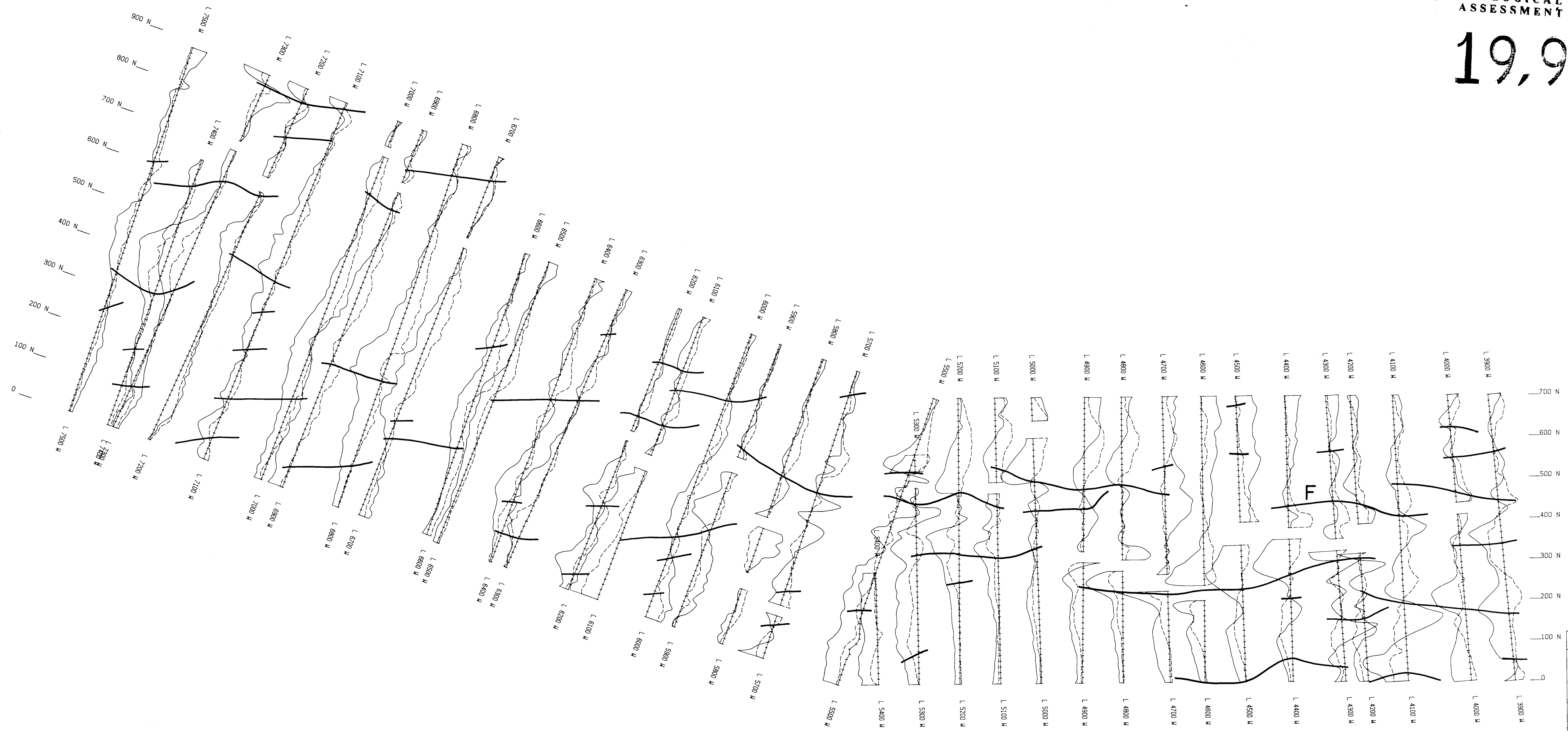
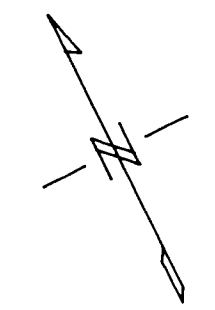
LEGEND

 OUTLINE OF MAGNETOMETER LOW



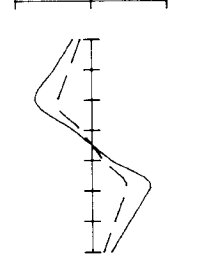
EZEKIEL EXPLORATIONS LTD.	
Magnetometer Survey Contours of Total Field Intensity Contour Interval 20 gamma	
McDougall South Grid McLeod River Area, Cariboo M.A., B.C., N.T.S. 93 J/14 November 1989	
Map No. W-461-16	Date: December 1989
Peter E. Walcott & Assoc. Ltd.	

19,930



VLF - EM PROFILES

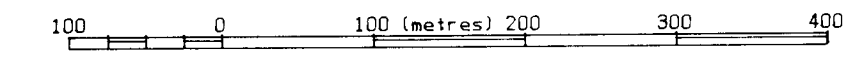
1 cm. = 20 %
IN PHASE ———
QUADRATURE - - - -
PROFILE
-20% 0 +20%



Tx Location : Annapolis, Md. (NSS 21.4 kHz)
Instrument : EDA OHNI PLUS

— CONDUCTOR AXIS

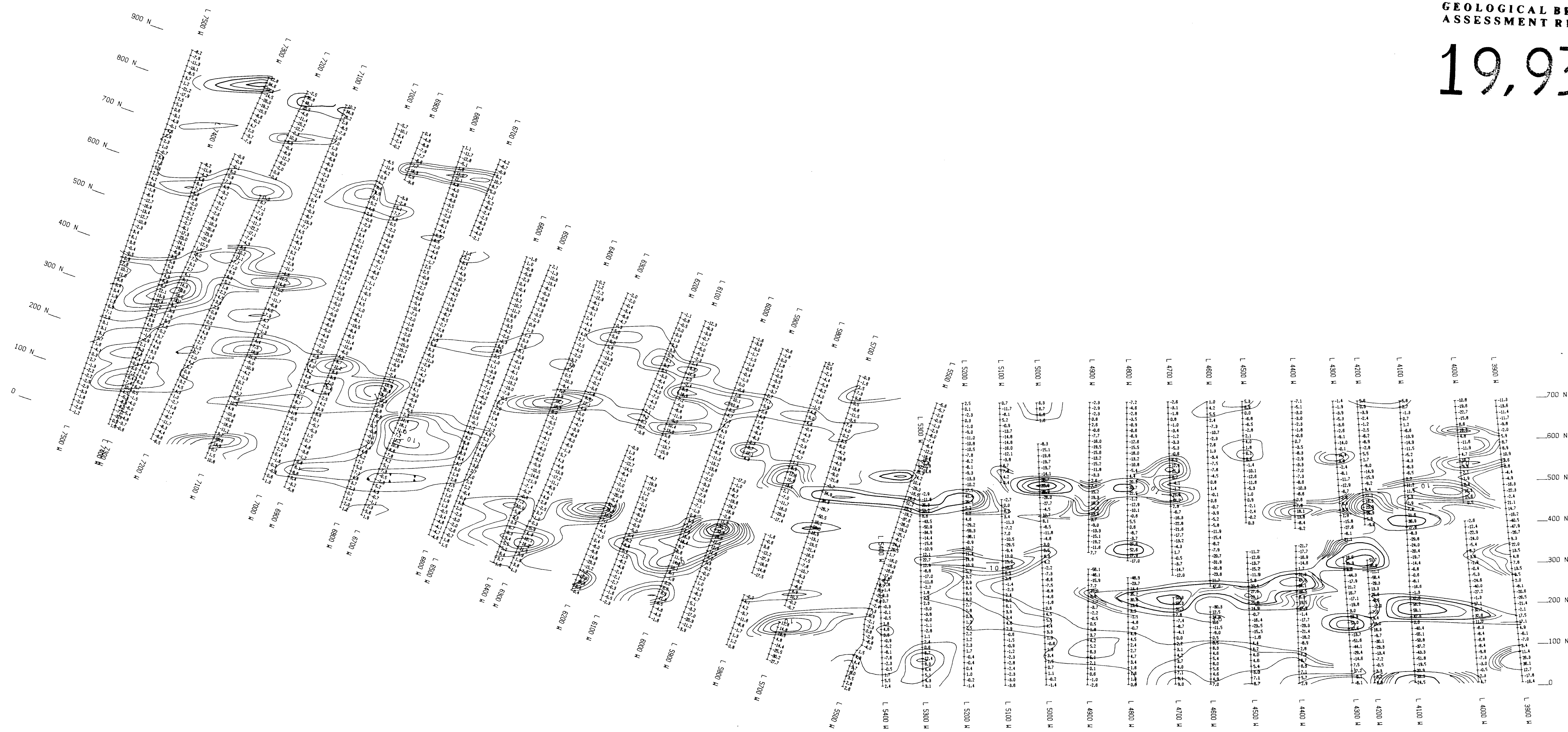
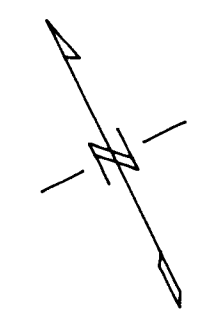
SCALE 1 : 5000



EZEKIEL EXPLORATIONS LTD.	
Vlf Electromagnetic Survey Inphase & Quadrature Profiles	
McDougall South Grid McLeod River Area, Cariboo M.D., B.C., N.T.S. 93 J/14 November 1989	
Map No. W-461-17	Date: December 1999
Peter E. Walcott & Assoc. Ltd.	

GEOLOGICAL BRANCH
ASSESSMENT REPORT

19,930



Tx Location : Annapolis, Md. (NSS 21.4 kHz)
Instrument : EDA OMNI PLUS

SCALE 1 : 5000
0 100 200 300 400 metres

EZEKIEL EXPLORATIONS LTD.
Vlf Electromagnetic Survey
FRASER FILTER CONTOURS
Contour Interval 2 degrees

McDougall South Grid
McLeod River Area, Cariboo M.D., B.C., N.T.S. 93 J/14
November 1989
Map No. W-461-18 Date: December 1989
Peter E. Walcott & Assoc. Ltd.